

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067945.D
 Acq On : 24 Dec 2020 14:49
 Operator : VA/SY
 Sample : VD1224SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

Manual Integrations
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 12/28/2020 3:30:48 PM

Quant Time: Dec 25 00:14:27 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	291722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	487531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	451489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	216884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	157629	50.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.08%
35) Dibromofluoromethane	7.920	113	162594	52.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.86%
50) Toluene-d8	10.344	98	589117	51.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.04%
62) 4-Bromofluorobenzene	12.632	95	205965	52.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.30%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	55582	18.71	ug/l	98
3) Chloromethane	2.209	50	70792	17.43	ug/l	98
4) Vinyl Chloride	2.350	62	67046	17.71	ug/l	100
5) Bromomethane	2.756	94	46874	16.43	ug/l	96
6) Chloroethane	2.915	64	40584	17.44	ug/l	97
7) Trichlorofluoromethane	3.273	101	112945	20.25	ug/l	100
8) Diethyl Ether	3.709	74	30719	19.21	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	67122	20.19	ug/l	99
10) Methyl Iodide	4.303	142	47527	16.78	ug/l	93
11) Tert butyl alcohol	5.209	59	25959	111.12	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	64224	20.14	ug/l	91
13) Acrolein	3.926	56	20492	91.41	ug/l	88
14) Allyl chloride	4.714	41	97440	17.18	ug/l	96
15) Acrylonitrile	5.426	53	73028	95.37	ug/l	98
16) Acetone	4.162	43	64021	106.45	ug/l	98
17) Carbon Disulfide	4.409	76	214493	19.30	ug/l	97
18) Methyl Acetate	4.714	43	33981	19.12	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	124664	18.80	ug/l	98
20) Methylene Chloride	4.967	84	83288	16.41	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	71855	18.85	ug/l	86
22) Diisopropyl ether	6.361	45	211963	18.56	ug/l	96
23) Vinyl Acetate	6.309	43	525983	90.60	ug/l	97
24) 1,1-Dichloroethane	6.267	63	127159	18.39	ug/l	96
25) 2-Butanone	7.214	43	81379	91.75	ug/l	96
26) 2,2-Dichloropropane	7.208	77	108476	19.91	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	77272	18.98	ug/l	98
28) Bromochloromethane	7.544	49	51072	19.59	ug/l	98
29) Tetrahydrofuran	7.567	42	55661	92.77	ug/l	99
30) Chloroform	7.714	83	134175	19.81	ug/l	92
31) Cyclohexane	7.985	56	117045	18.18	ug/l #	92
32) 1,1,1-Trichloroethane	7.897	97	115717	19.95	ug/l	98
36) 1,1-Dichloropropene	8.114	75	104333	20.13	ug/l	100
37) Ethyl Acetate	7.291	43	41796	19.93	ug/l #	82
38) Carbon Tetrachloride	8.103	117	103294	20.87	ug/l	96
39) Methylcyclohexane	9.361	83	115133	19.38	ug/l	90
40) Benzene	8.350	78	288768	19.21	ug/l	97
41) Methacrylonitrile	7.538	41	26284m	22.27	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	82742	20.41	ug/l	97
43) Isopropyl Acetate	8.450	43	70285	18.26	ug/l	94
44) Trichloroethene	9.114	130	76565	20.32	ug/l	99
45) 1,2-Dichloropropane	9.391	63	74777	19.54	ug/l #	88
46) Dibromomethane	9.479	93	39054	21.00	ug/l	97
47) Bromodichloromethane	9.667	83	100735	20.07	ug/l	100
48) Methyl methacrylate	9.461	41	38595	19.40	ug/l	95
49) 1,4-Dioxane	9.461	88	8709	428.80	ug/l	94
51) 4-Methyl-2-Pentanone	10.232	43	195968	98.34	ug/l	100
52) Toluene	10.402	92	182714	19.69	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	89109	19.63	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	110543	19.68	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	52624	20.24	ug/l	92
56) Ethyl methacrylate	10.661	69	56949	19.50	ug/l	98
57) 1,3-Dichloropropane	10.949	76	91636	20.05	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	130008	88.45	ug/l	99
59) 2-Hexanone	10.985	43	132532	101.20	ug/l	96
60) Dibromochloromethane	11.144	129	66739	20.72	ug/l	98
61) 1,2-Dibromoethane	11.249	107	51894	20.81	ug/l	95
64) Tetrachloroethene	10.879	164	62841	19.84	ug/l	89
65) Chlorobenzene	11.673	112	187656	19.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	71395	20.54	ug/l	94
67) Ethyl Benzene	11.744	91	336282	19.36	ug/l	100
68) m/p-Xylenes	11.855	106	256110	38.69	ug/l	97
69) o-Xylene	12.185	106	112158	18.94	ug/l	100
70) Styrene	12.196	104	200596	19.60	ug/l	99
71) Bromoform	12.361	173	34161	19.44	ug/l #	99
73) Isopropylbenzene	12.479	105	306634	19.05	ug/l	99
74) N-ethyl acetate	12.291	43	67164	18.38	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	60200	20.16	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	43630m	23.89	ug/l	
77) Bromobenzene	12.761	156	72135	19.59	ug/l	97
78) n-propylbenzene	12.820	91	394746	19.73	ug/l	100
79) 2-Chlorotoluene	12.908	91	218827	19.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	262364	19.62	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.532	75	17237	19.35	ug/l	96
82) 4-Chlorotoluene	13.008	91	234776	19.76	ug/l	100
83) tert-Butylbenzene	13.226	119	213938	19.45	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	264544	19.73	ug/l	100
85) sec-Butylbenzene	13.402	105	309710	19.25	ug/l	99
86) p-Isopropyltoluene	13.514	119	278919	19.70	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	143803	19.64	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	142728	19.74	ug/l	98
89) n-Butylbenzene	13.843	91	269067	19.16	ug/l	99
90) Hexachloroethane	14.108	117	57923	20.02	ug/l	96
91) 1,2-Dichlorobenzene	13.890	146	123505	20.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	8008	17.13	ug/l	97
93) 1,2,4-Trichlorobenzene	15.161	180	70890	19.37	ug/l	100
94) Hexachlorobutadiene	15.261	225	40434	18.88	ug/l	98
95) Naphthalene	15.402	128	119649	18.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	63372	20.04	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_D

ClientSampleId :

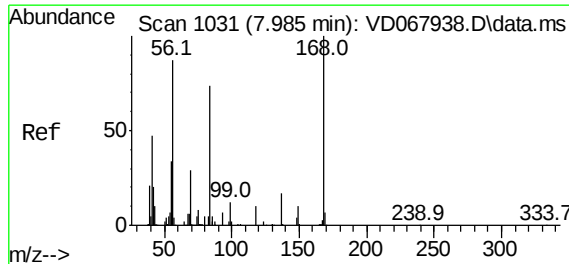
VD1224SBS01

Manual Integrations

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#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

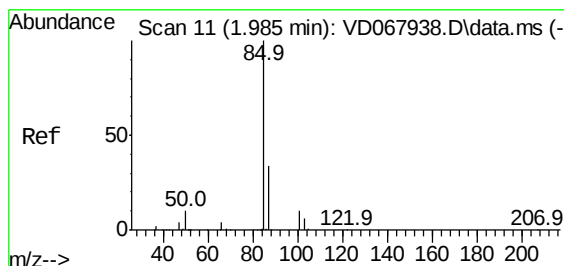
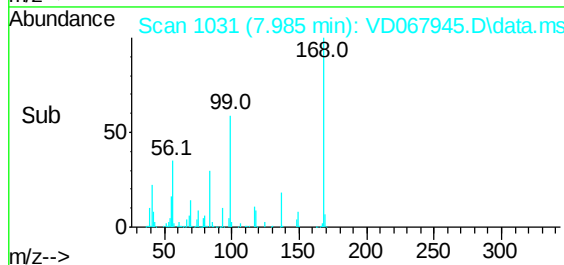
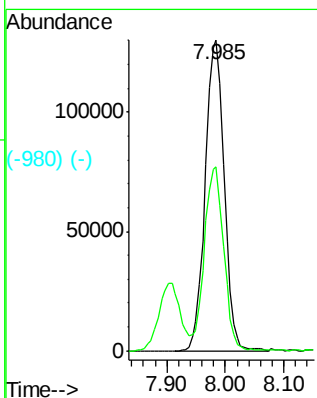
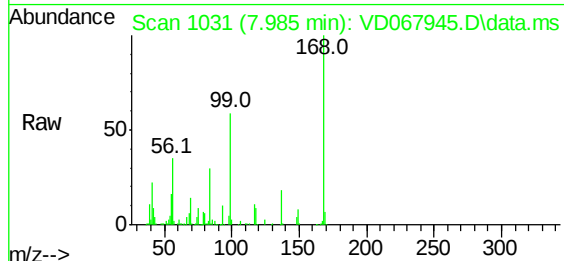
Tgt Ion:168 Resp: 291722

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.0	72.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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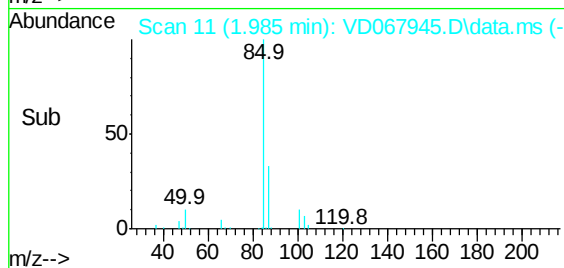
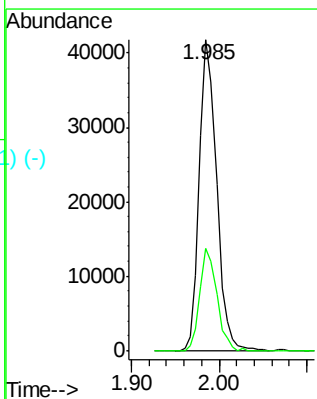
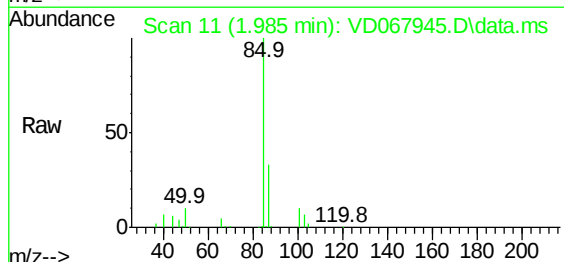
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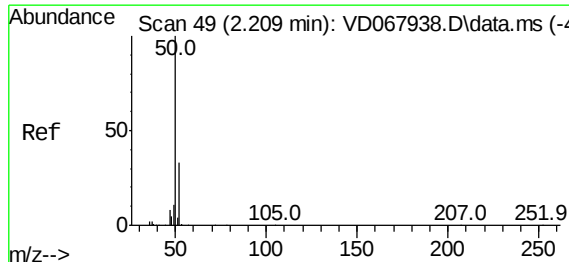


#2
Dichlorodifluoromethane
Concen: 18.71 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 85 Resp: 55582

Ion	Ratio	Lower	Upper
85	100		
87	32.9	17.1	51.3





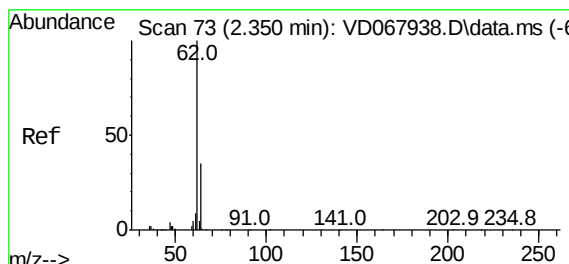
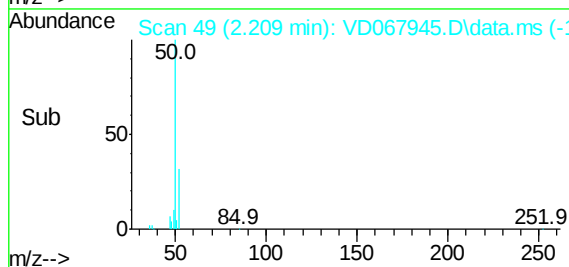
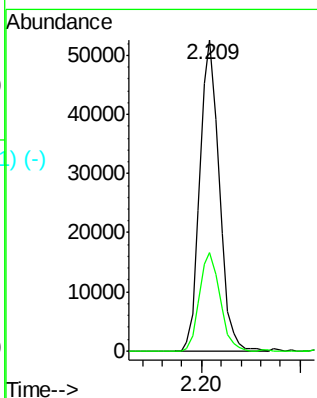
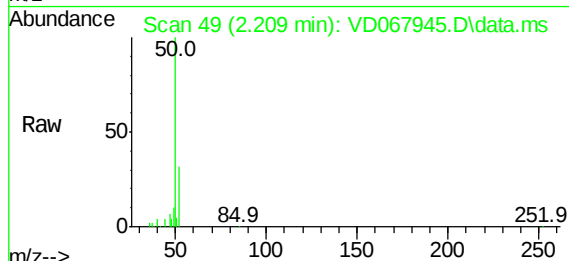
Chloromethane
Concen: 17.43 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 50 Resp: 70792
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4

Instrument :
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ClientSampleId :
VD1224SBS01

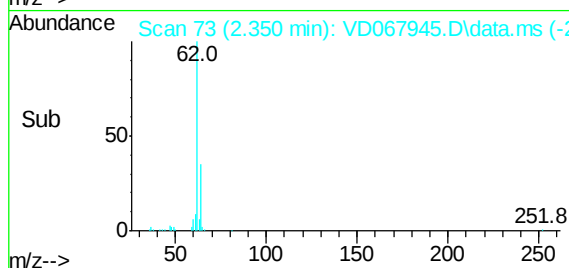
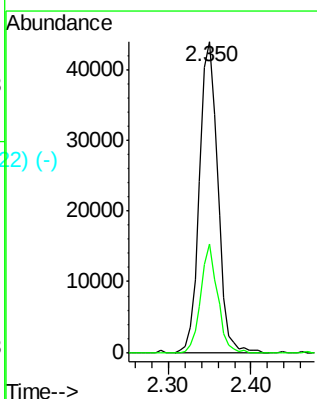
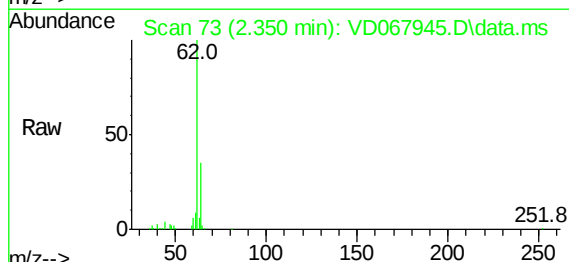
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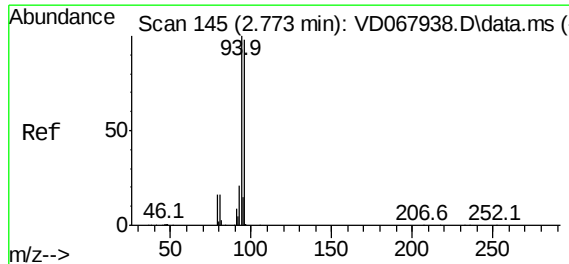
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Vinyl Chloride
Concen: 17.71 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 62 Resp: 67046
Ion Ratio Lower Upper
62 100
64 35.0 28.1 42.1





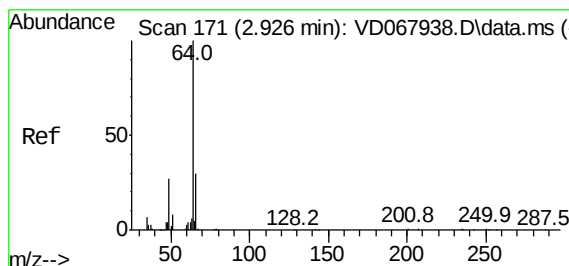
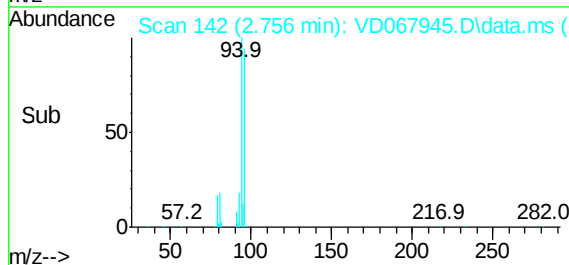
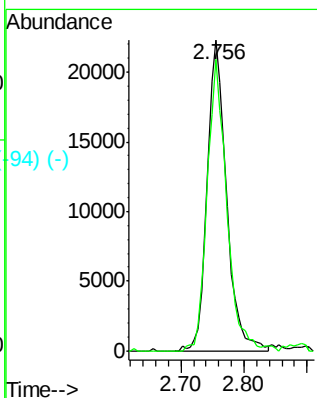
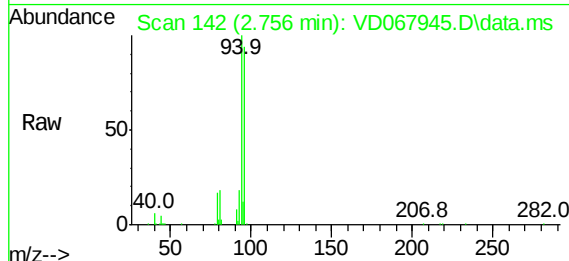
Bromomethane
 Concen: 16.43 ug/l
 RT: 2.756 min Scan# 142
 Delta R.T. -0.017 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

Tgt Ion: 94 Resp: 46874
 Ion Ratio Lower Upper
 94 100
 96 94.0 78.0 117.0

Instrument :
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 VD1224SBS01

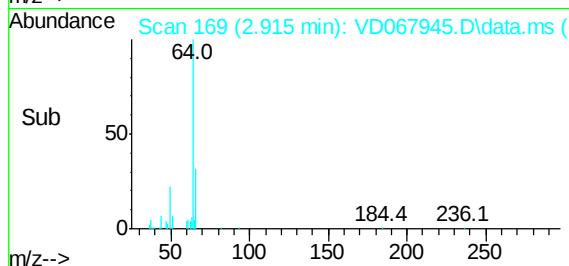
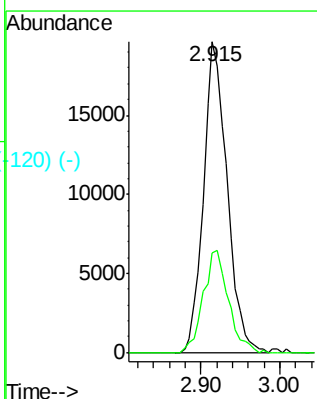
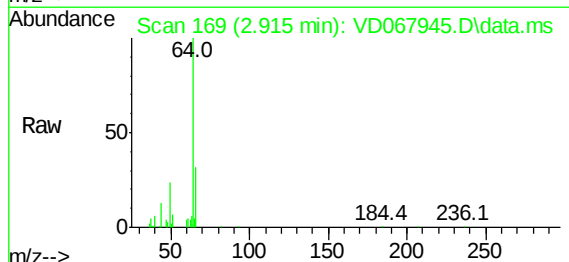
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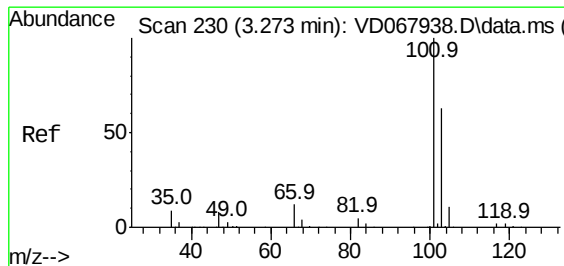
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Chloroethane
 Concen: 17.44 ug/l
 RT: 2.915 min Scan# 169
 Delta R.T. -0.012 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

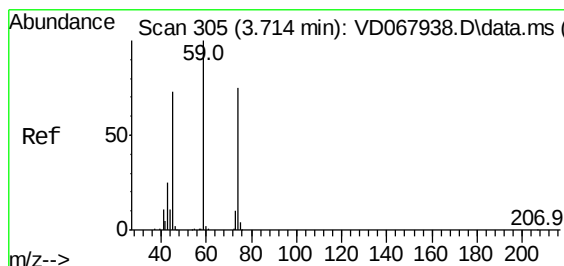
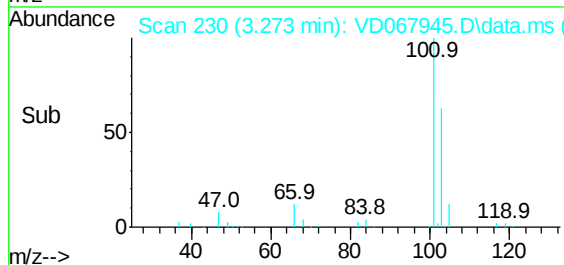
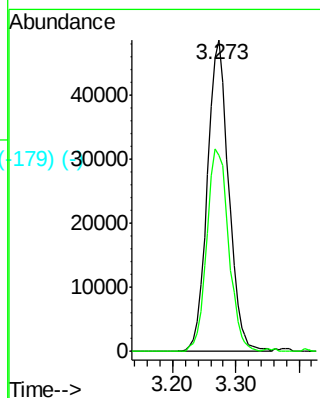
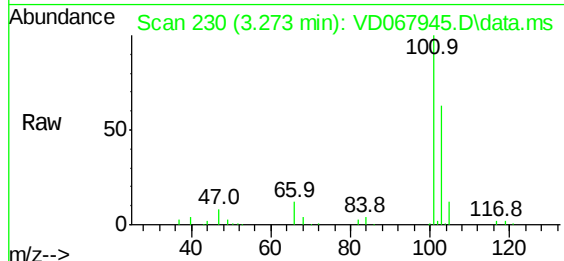
Tgt Ion: 64 Resp: 40584
 Ion Ratio Lower Upper
 64 100
 66 31.9 24.1 36.1





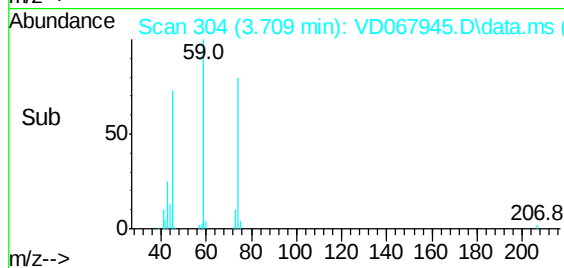
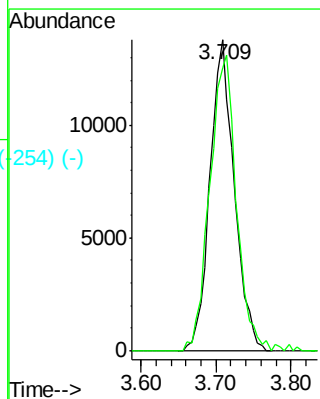
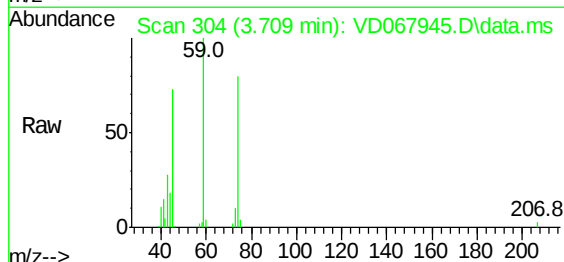
Trichlorofluoromethane
Concen: 20.25 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 101 Resp: 112945
Ion Ratio Lower Upper
101 100
103 62.9 50.4 75.6



Diethyl Ether
Concen: 19.21 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

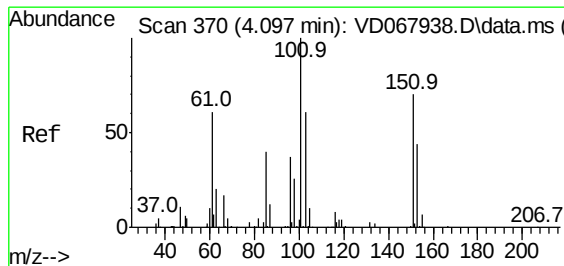
Tgt Ion: 74 Resp: 30719
Ion Ratio Lower Upper
74 100
45 104.6 51.8 155.5



Instrument :
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Manual Integrations
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12/28/2020 3:30:48 PM



1,1,2-Trichlorotrifluoroethane
Concen: 20.19 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

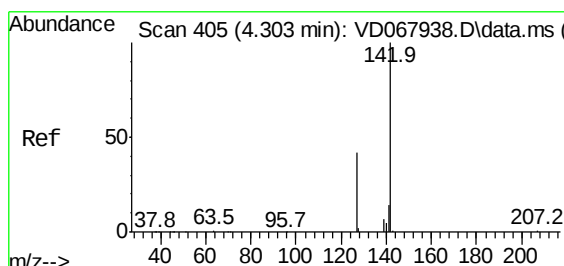
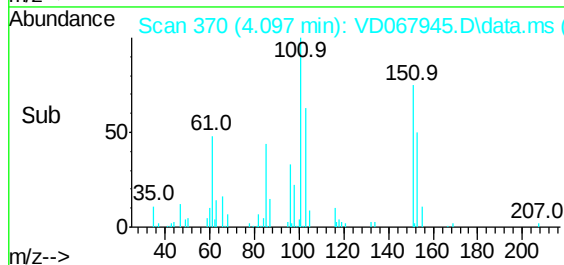
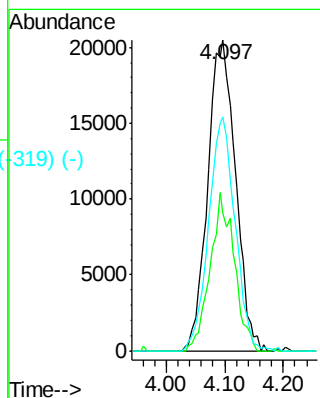
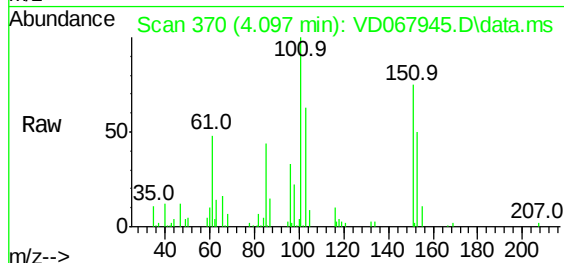
Tgt Ion:101 Resp: 67122

Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.2	51.2
151	71.7	57.6	86.4

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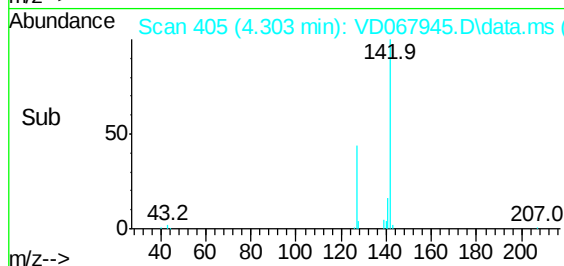
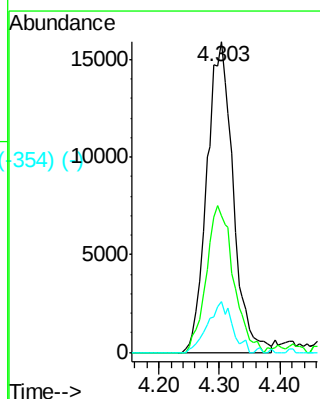
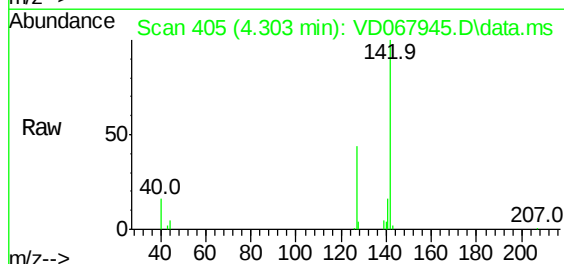
MMDadoda
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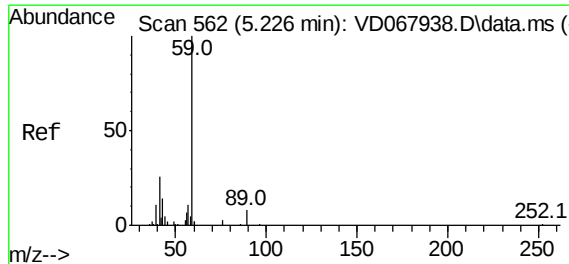


Methyl Iodide
Concen: 16.78 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:142 Resp: 47527

Ion	Ratio	Lower	Upper
142	100		
127	49.1	34.4	51.6
141	15.3	11.8	17.8





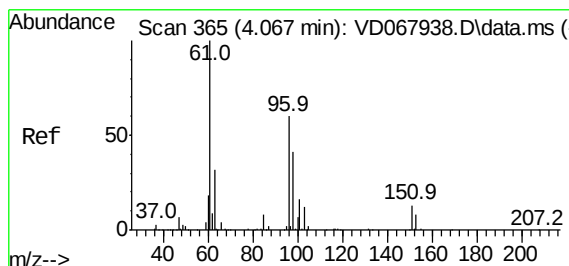
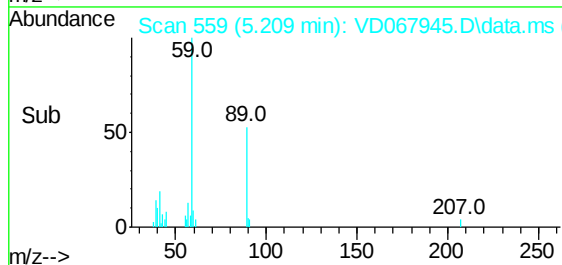
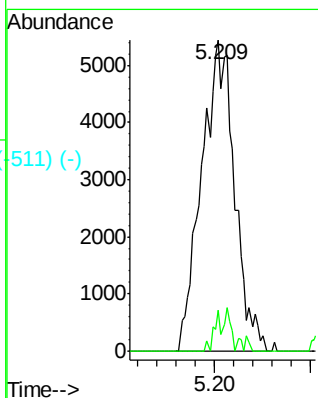
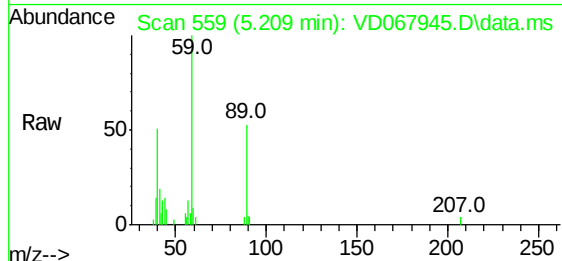
Tert butyl alcohol
Concen: 111.12 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.017 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 59 Resp: 25959
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

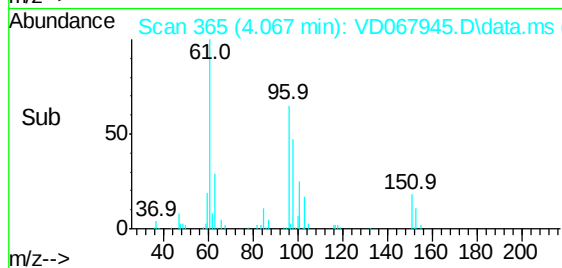
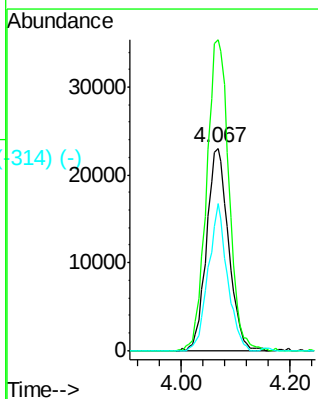
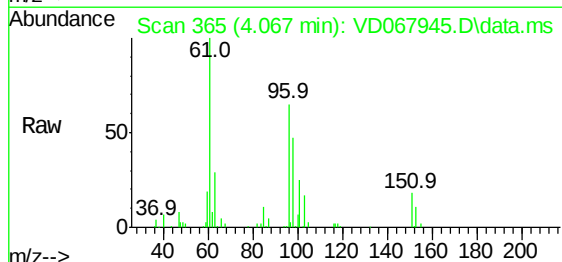
Manual Integrations
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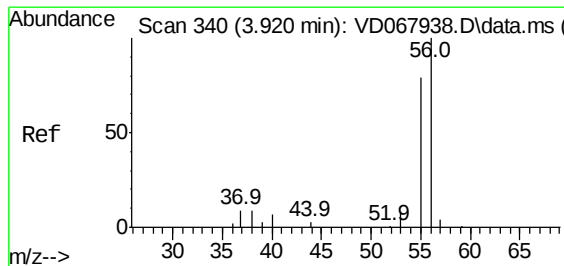
MMDadoda
12/28/2020 3:30:48 PM



1,1-Dichloroethene
Concen: 20.14 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 96 Resp: 64224
Ion Ratio Lower Upper
96 100
61 153.6 133.6 200.4
98 72.8 54.8 82.2





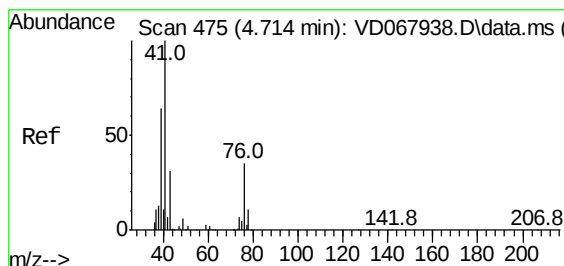
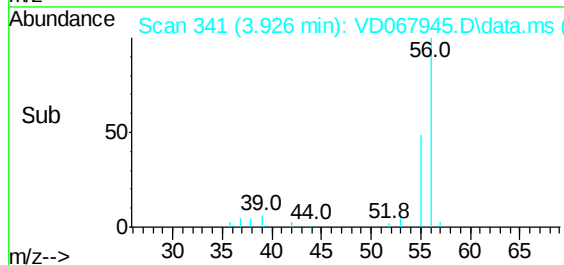
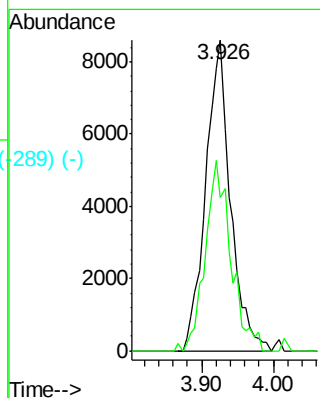
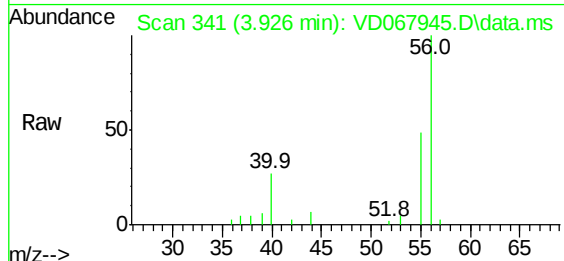
Acrolein
Concen: 91.41 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 56 Resp: 20492
Ion Ratio Lower Upper
56 100
55 63.2 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

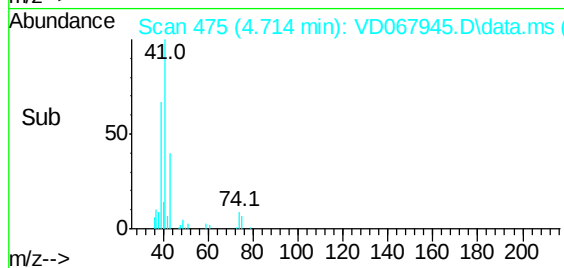
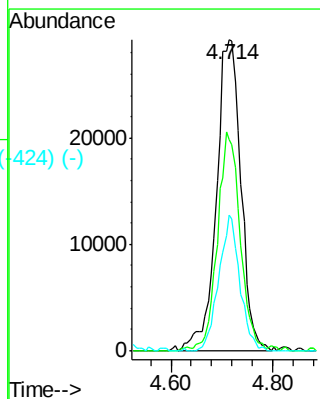
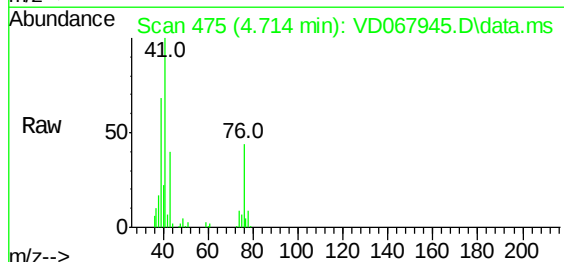
Manual Integrations
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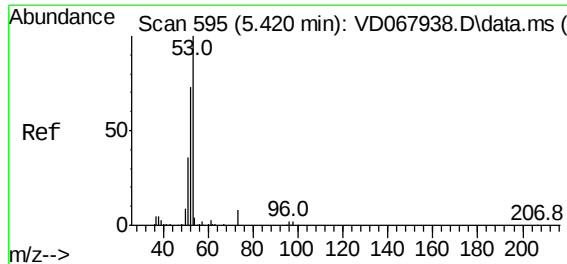
MMDadoda
12/28/2020 3:30:48 PM



Allyl chloride
Concen: 17.18 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 41 Resp: 97440
Ion Ratio Lower Upper
41 100
39 65.3 50.5 75.7
76 37.4 27.0 40.4





Acrylonitrile
Concen: 95.37 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

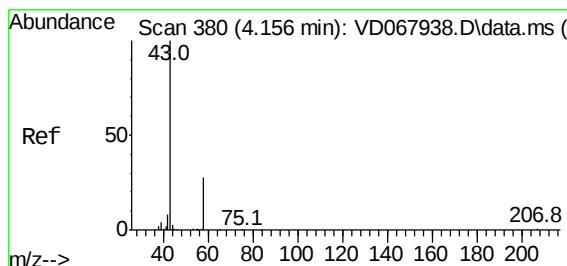
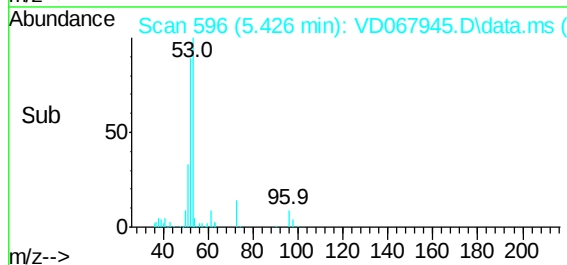
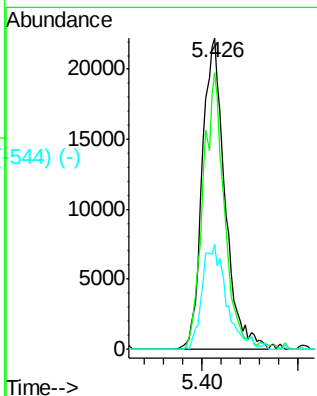
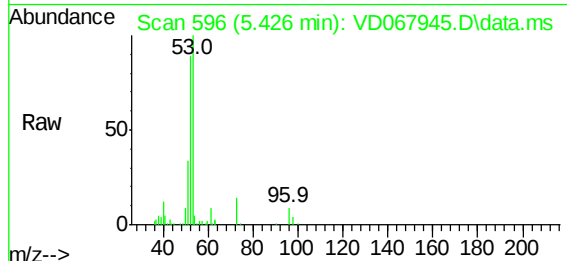
Tgt Ion: 53 Resp: 73028

Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.3	97.9
51	35.2	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
APPROVED

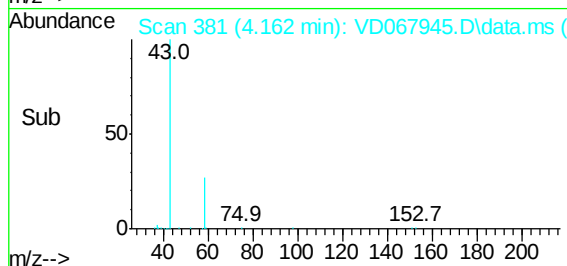
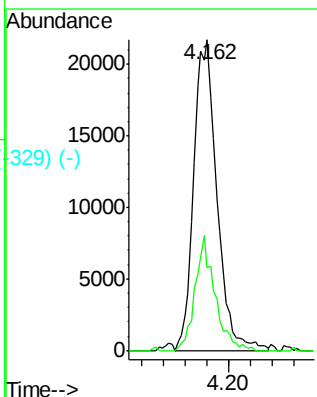
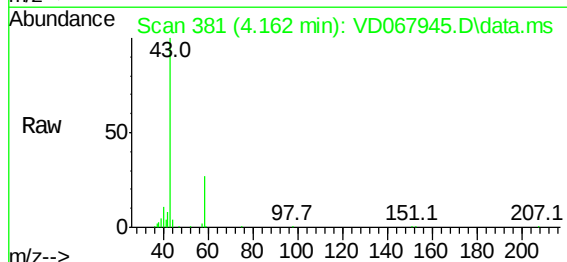
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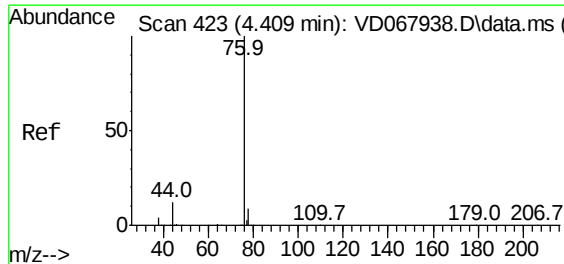


Acetone
Concen: 106.45 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 43 Resp: 64021

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5





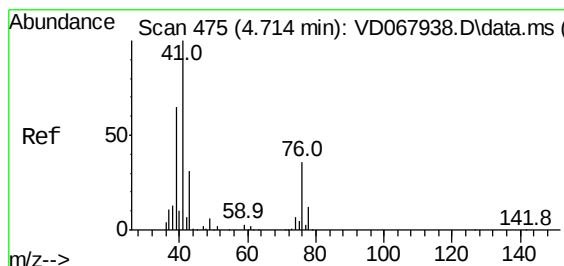
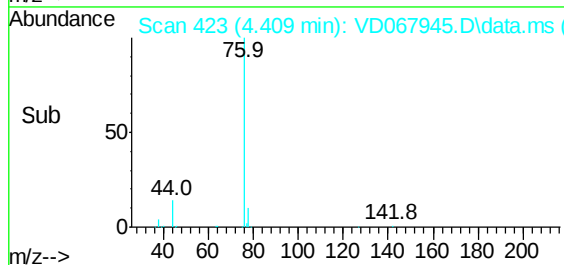
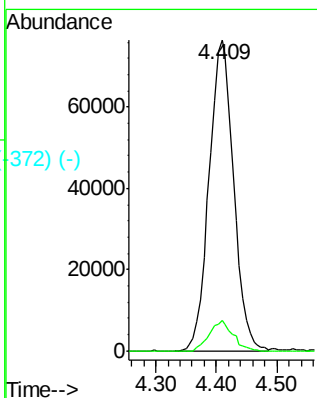
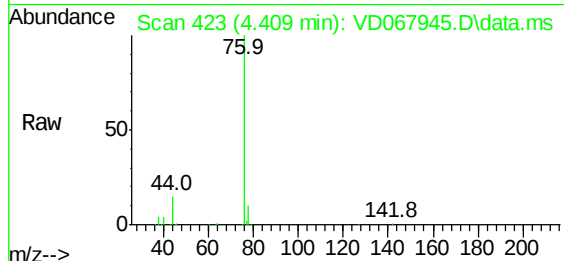
Carbon Disulfide
Concen: 19.30 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 76 Resp: 214493
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

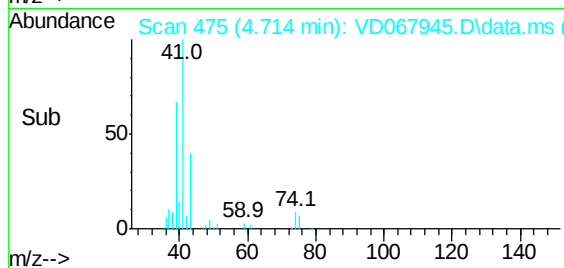
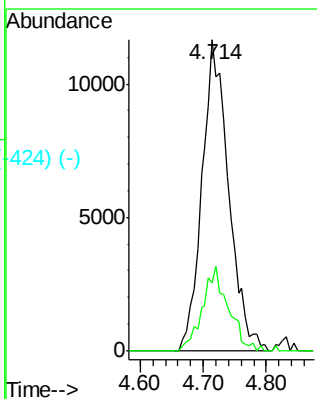
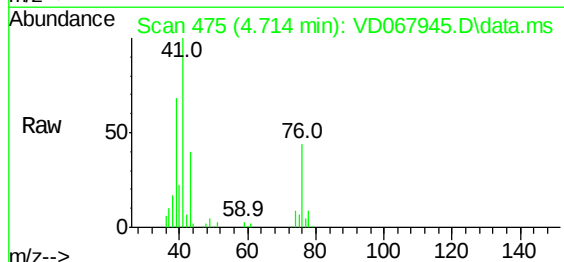
Manual Integrations
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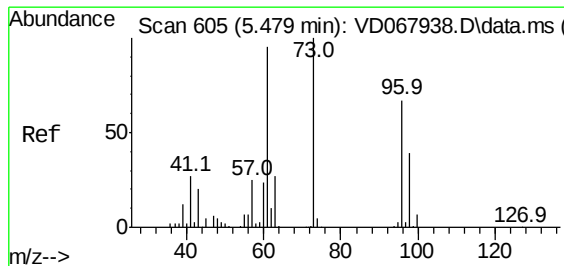
MMDadoda
12/28/2020 3:30:48 PM



Methyl Acetate
Concen: 19.12 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 43 Resp: 33981
Ion Ratio Lower Upper
43 100
74 26.0 18.2 27.2





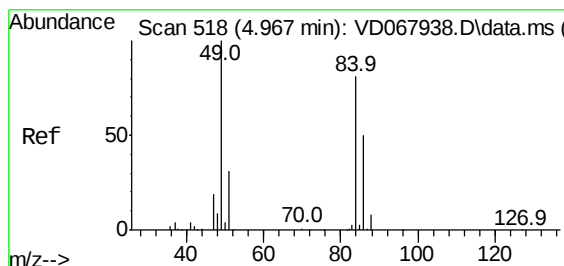
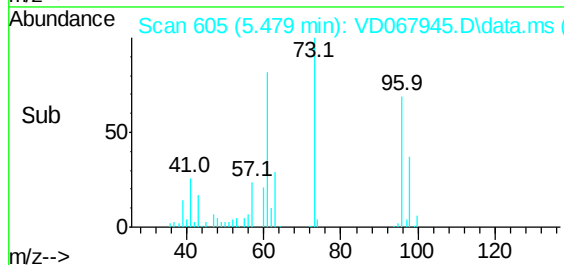
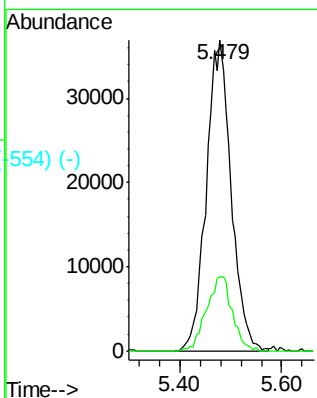
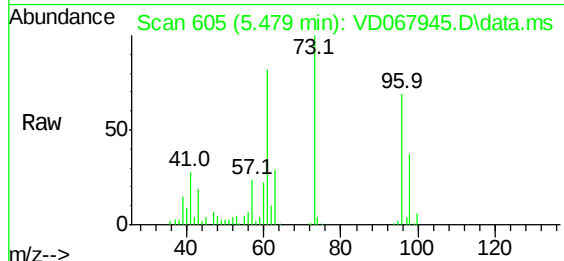
Methyl tert-butyl Ether
 Concen: 18.80 ug/l
 RT: 5.479 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

Tgt Ion: 73 Resp: 124664
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

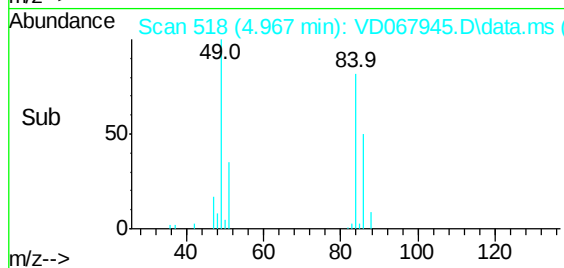
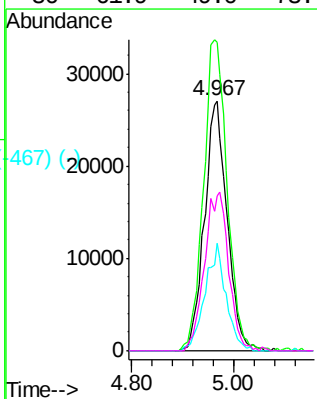
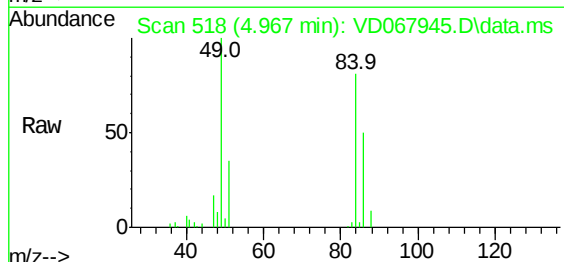
Manual Integrations
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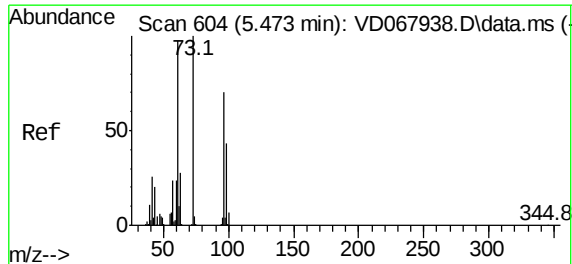
MMDadoda
 12/28/2020 3:30:48 PM



Methylene Chloride
 Concen: 16.41 ug/l
 RT: 4.967 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

Tgt Ion: 84 Resp: 83288
 Ion Ratio Lower Upper
 84 100
 49 123.3 98.3 147.5
 51 42.7 30.3 45.5
 86 61.9 49.0 73.4





trans-1,2-Dichloroethene
Concen: 18.85 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

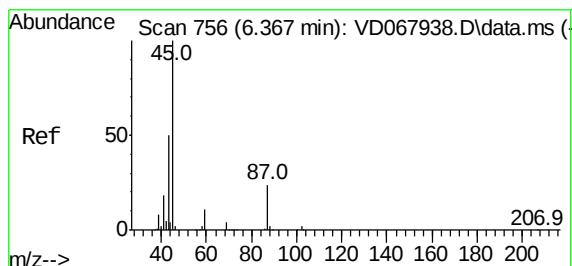
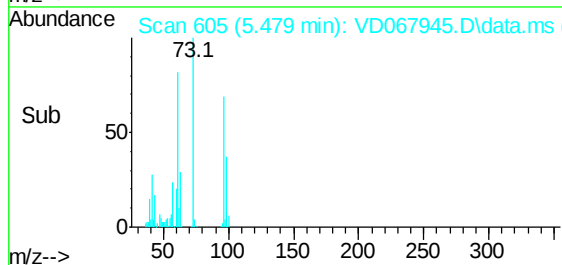
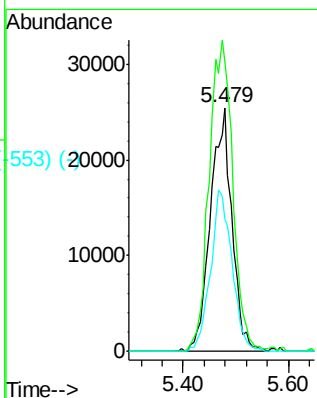
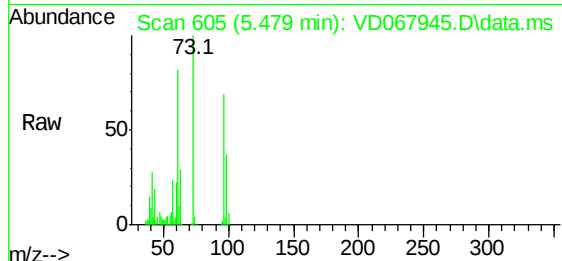
Tgt Ion: 96 Resp: 71855

Ion	Ratio	Lower	Upper
96	100		
61	118.9	109.9	164.9
98	53.8	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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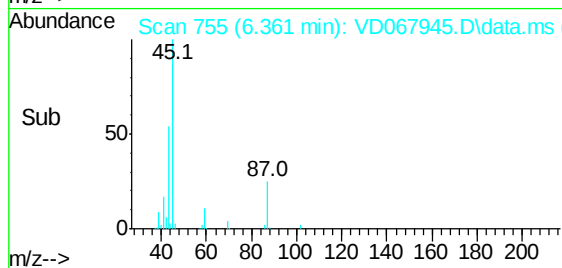
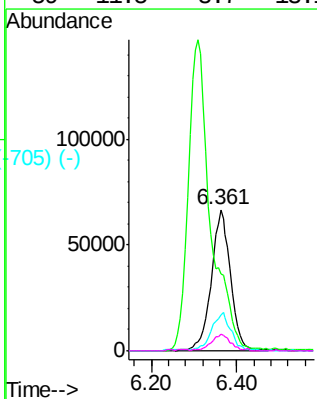
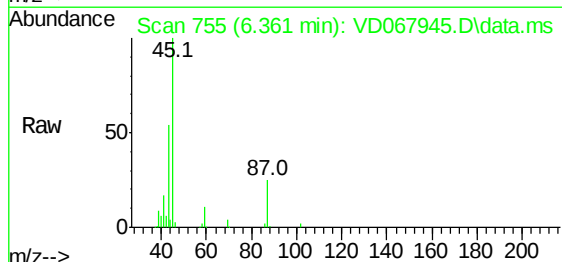
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12/28/2020 3:30:48 PM

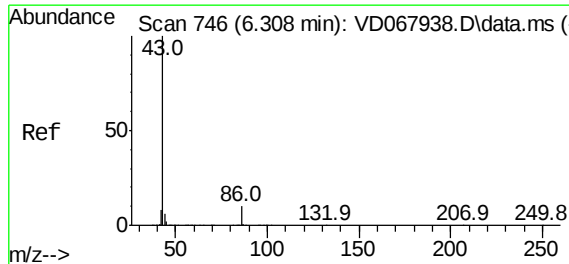


Diisopropyl ether
Concen: 18.56 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 45 Resp: 211963

Ion	Ratio	Lower	Upper
45	100		
43	53.5	40.2	60.4
87	25.1	19.2	28.8
59	11.5	8.7	13.1



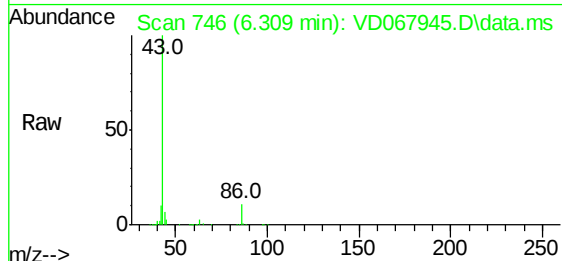


Vinyl Acetate
Concen: 90.60 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

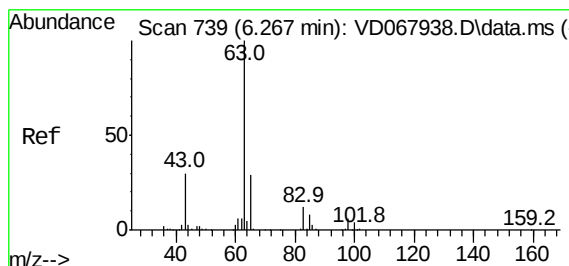
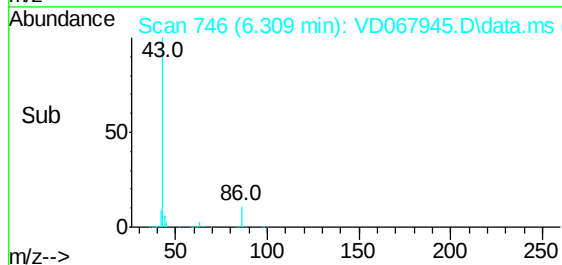
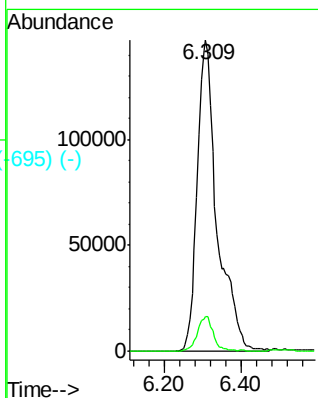
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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12/28/2020 3:30:48 PM

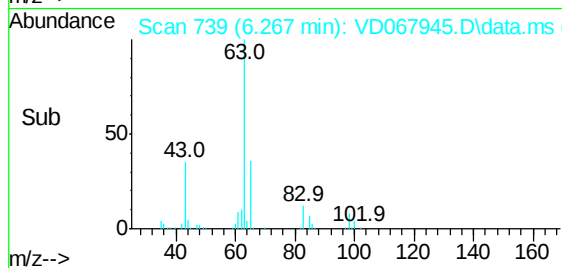
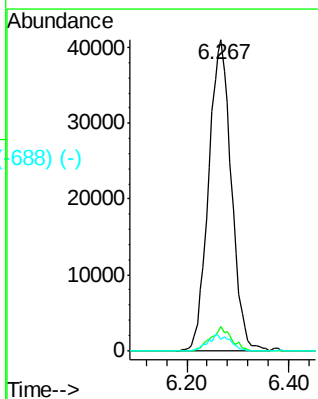
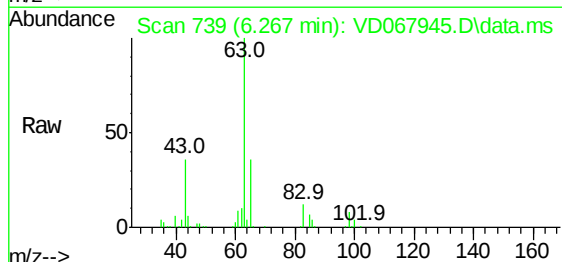


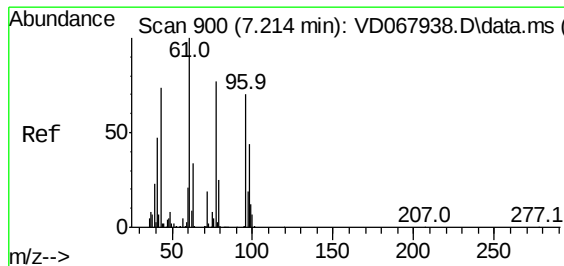
Tgt Ion: 43 Resp: 525983
Ion Ratio Lower Upper
43 100
86 10.9 7.9 11.9



1,1-Dichloroethane
Concen: 18.39 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 63 Resp: 127159
Ion Ratio Lower Upper
63 100
98 7.7 2.9 8.6
100 3.7 1.9 5.7





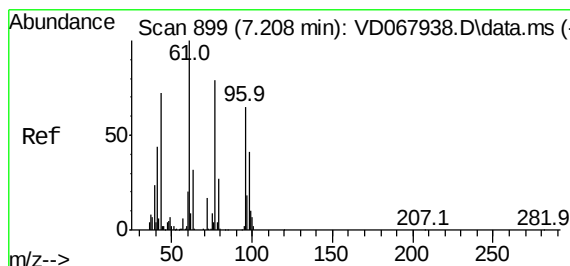
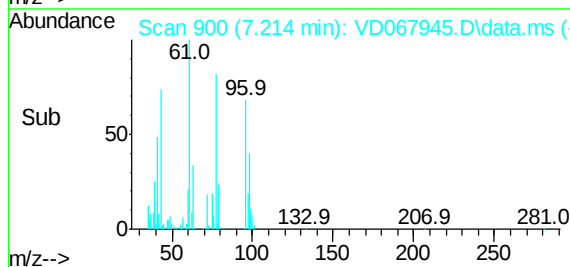
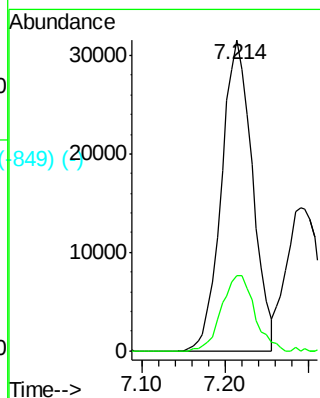
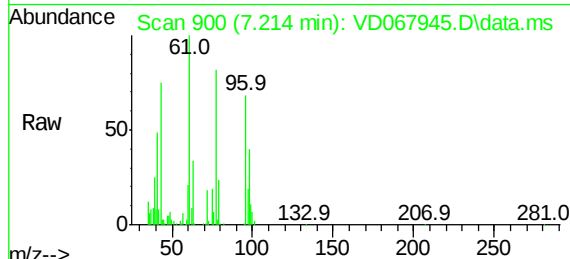
2-Butanone
Concen: 91.75 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 43 Resp: 81379
Ion Ratio Lower Upper
43 100
72 24.0 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

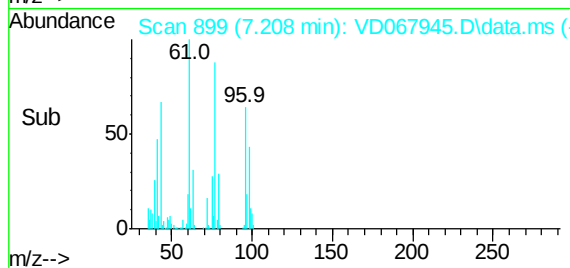
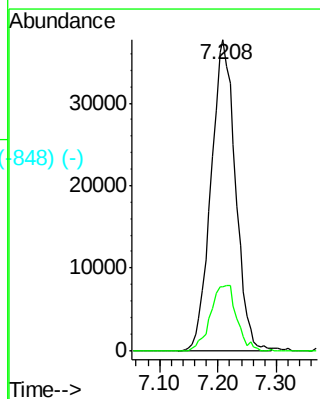
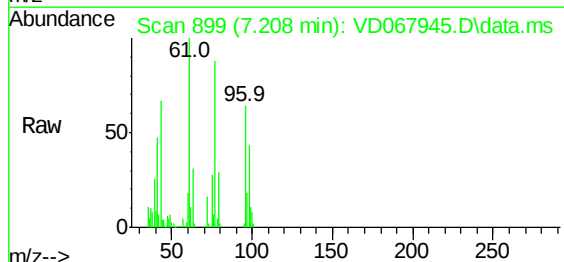
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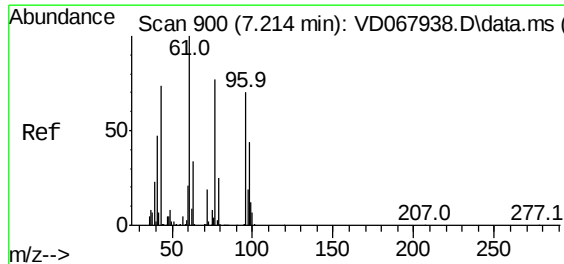
MMDadoda
12/28/2020 3:30:48 PM



2,2-Dichloropropane
Concen: 19.91 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 77 Resp: 108476
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2





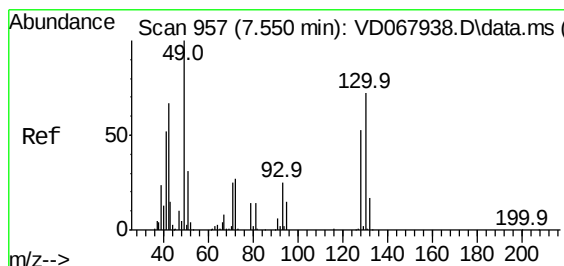
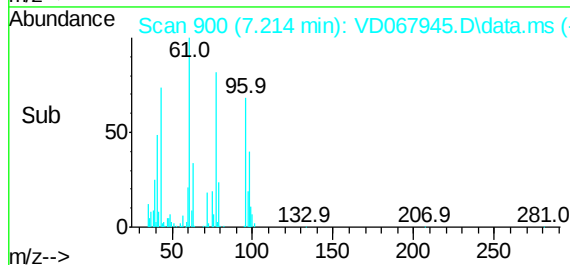
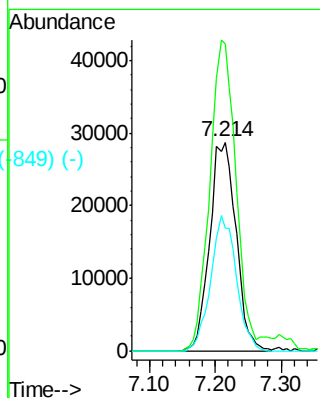
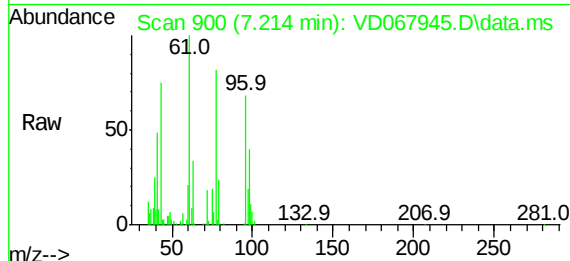
cis-1,2-Dichloroethene
Concen: 18.98 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:	96	Resp:	77272
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	295.4
98	62.9	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

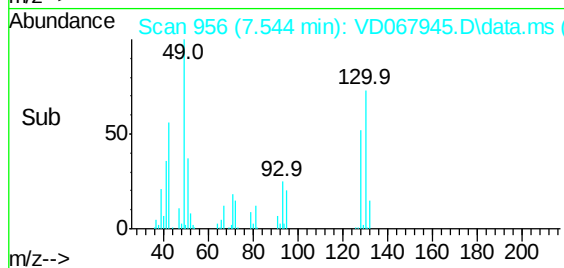
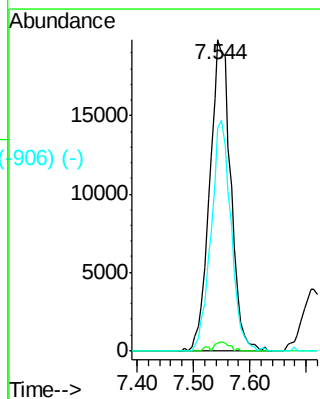
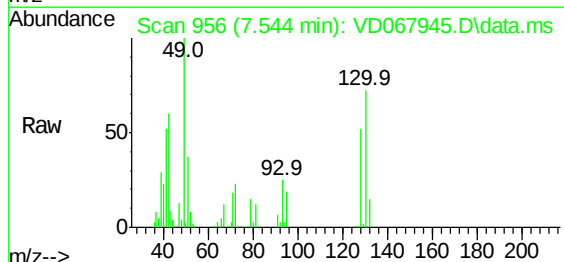
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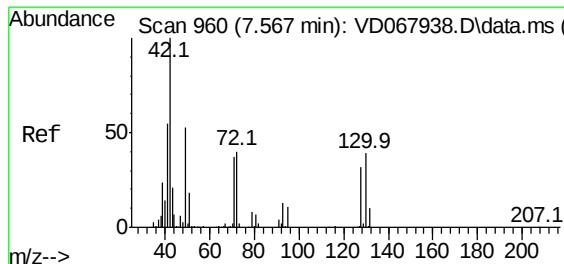
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12/28/2020 3:30:48 PM



Bromochloromethane
Concen: 19.59 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:	49	Resp:	51072
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	70.1	54.8	82.2





Tetrahydrofuran
Concen: 92.77 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

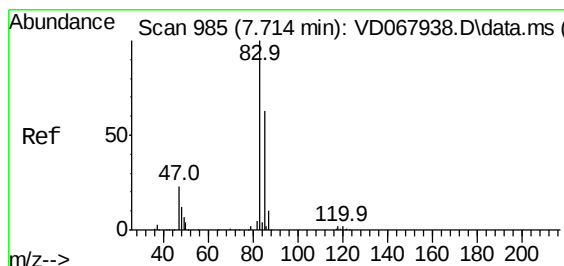
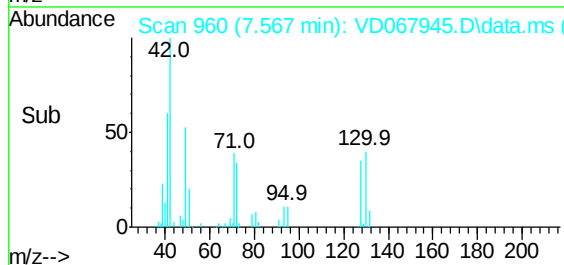
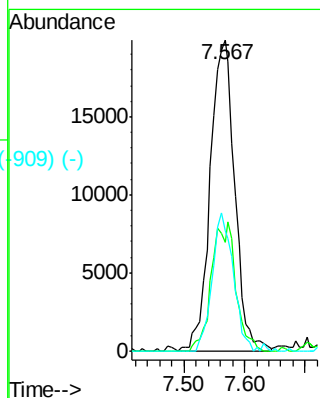
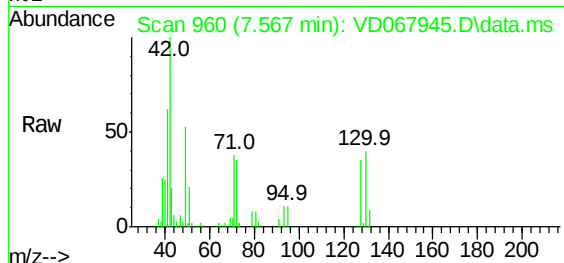
Tgt Ion: 42 Resp: 55661

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.9	49.3
71	38.0	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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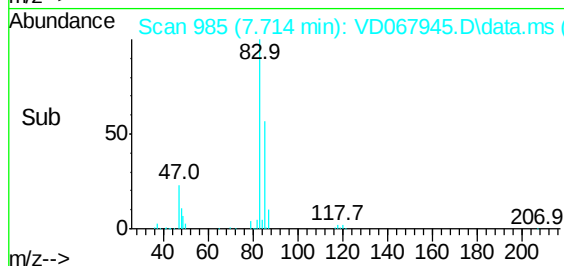
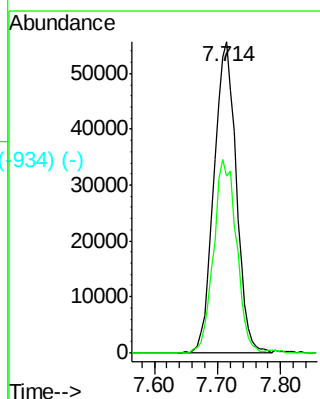
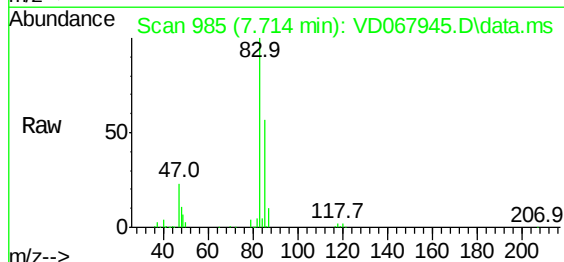
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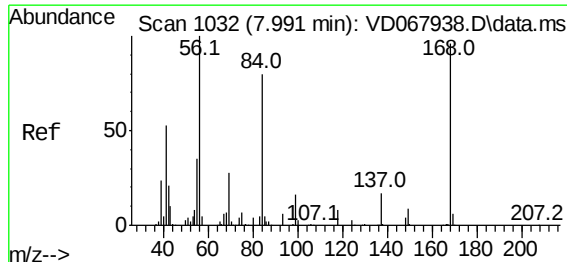


Chloroform
Concen: 19.81 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 83 Resp: 134175

Ion	Ratio	Lower	Upper
83	100		
85	56.8	50.5	75.7





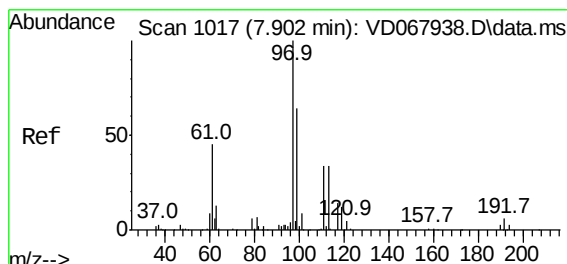
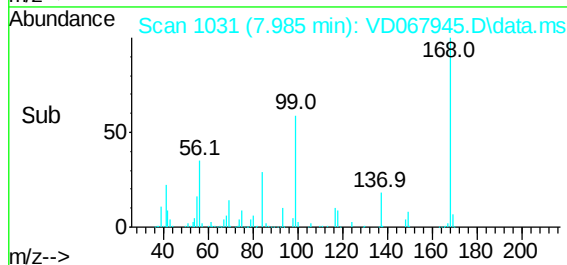
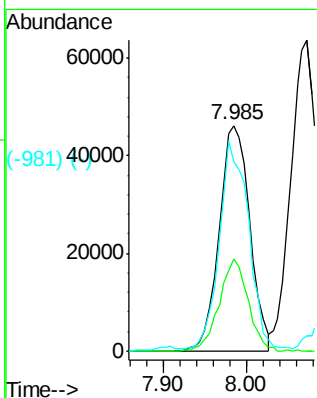
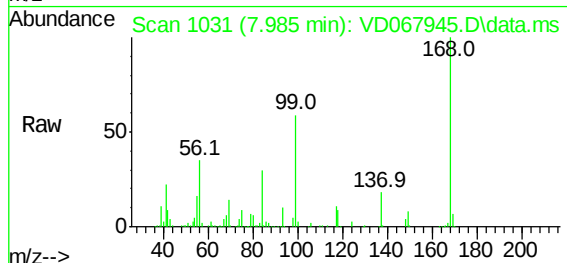
(-81) (-)
Cyclohexane
Concen: 18.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 56 Resp: 117045
Ion Ratio Lower Upper
56 100
69 40.8 22.7 34.1#
84 82.6 64.2 96.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

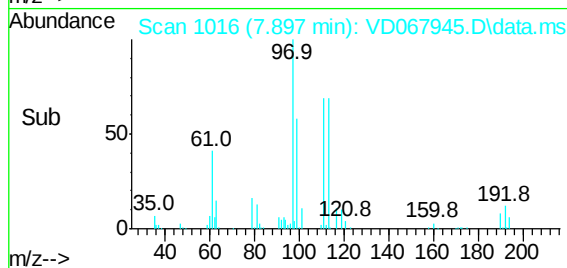
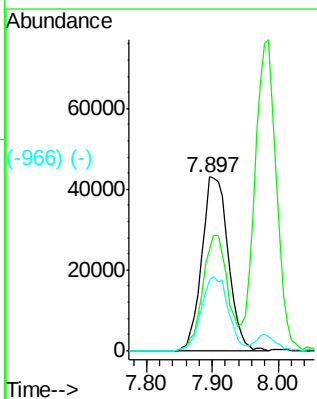
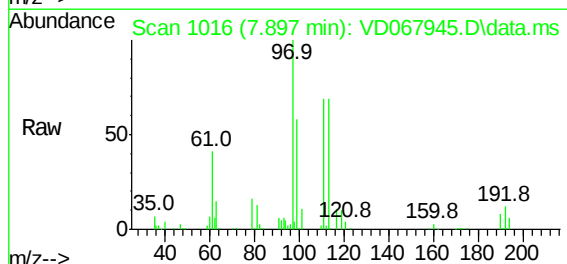
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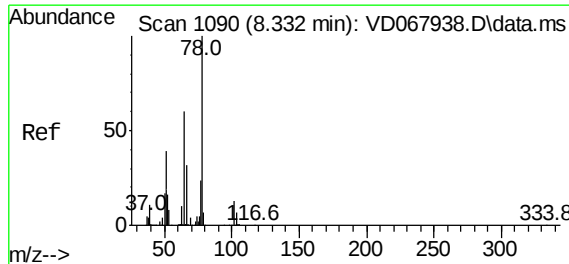
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(-86) (-)
1,1,1-Trichloroethane
Concen: 19.95 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 97 Resp: 115717
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.6
61 43.1 35.8 53.8





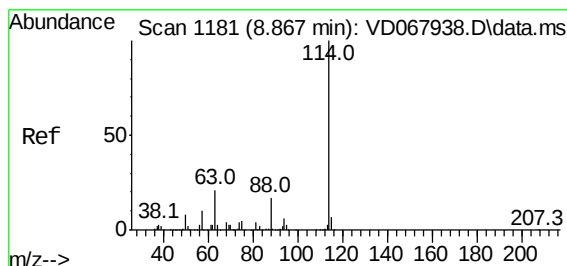
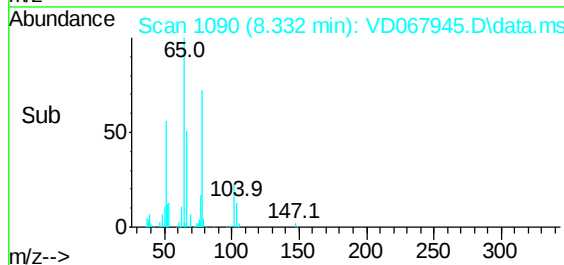
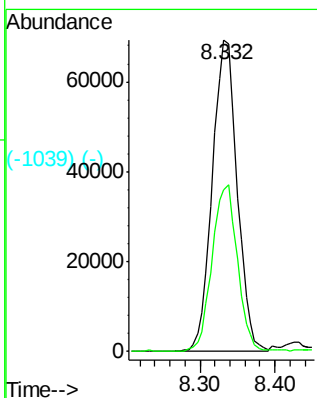
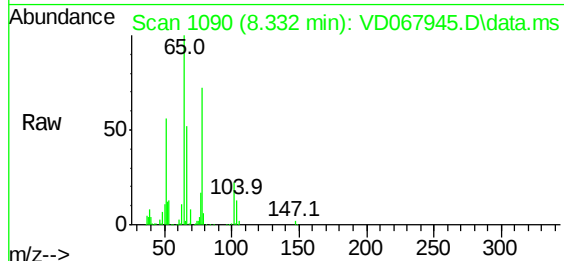
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 65 Resp: 157629
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

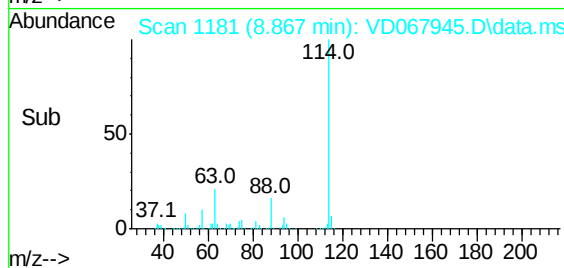
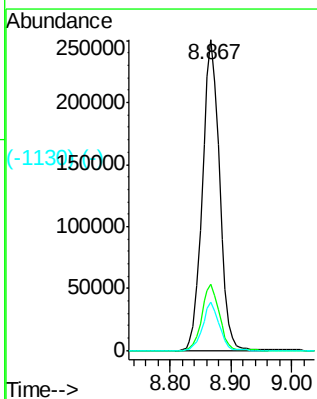
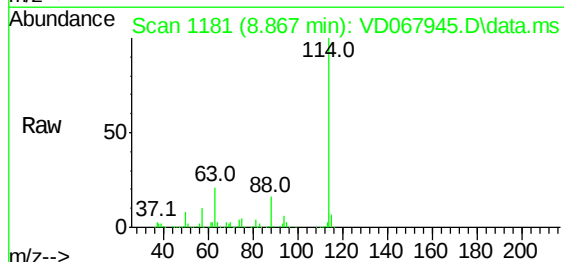
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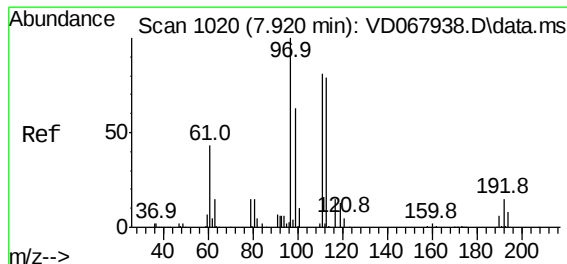
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1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:114 Resp: 487531
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 15.6 0.0 33.2



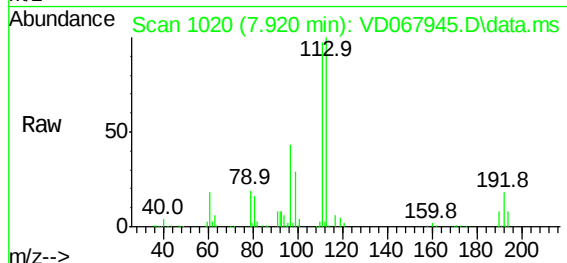


(-969) (-)
 Dibromofluoromethane
 Concen: 52.93 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

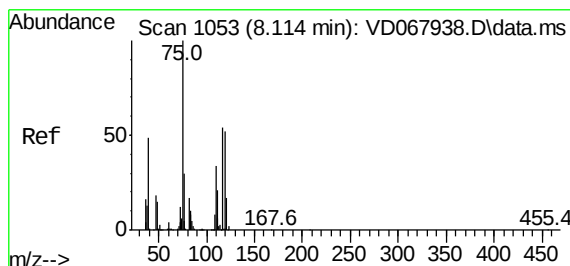
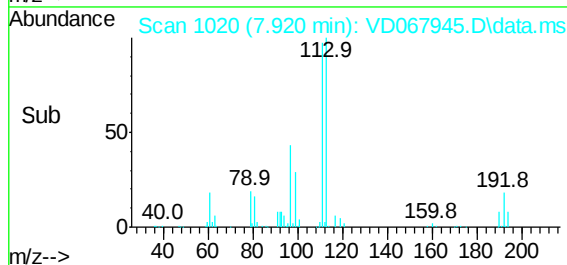
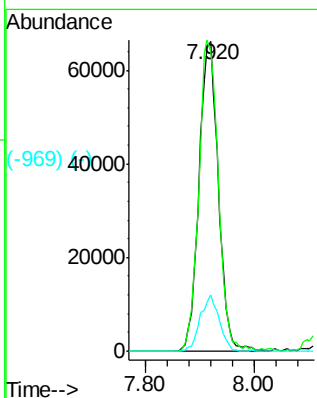
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

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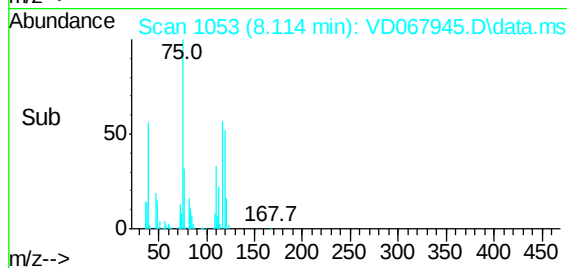
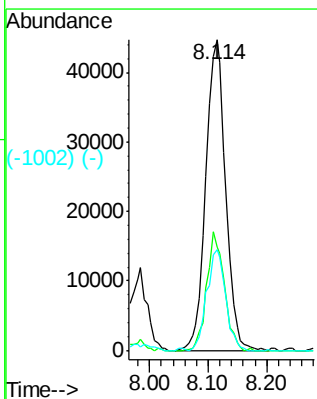
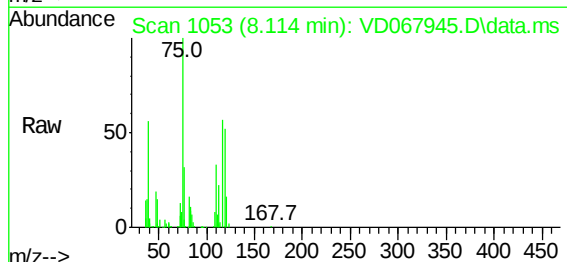


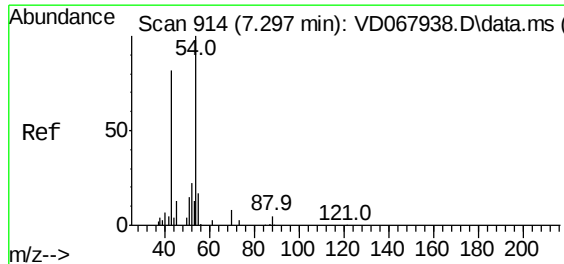
Tgt Ion:113 Resp: 162594
 Ion Ratio Lower Upper
 113 100
 111 101.3 79.3 118.9
 192 17.6 14.5 21.7



(-1060) (-)
 1,1-Dichloropropene
 Concen: 20.13 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

Tgt Ion: 75 Resp: 104333
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.0 51.0
 77 30.8 24.6 37.0





Ethyl Acetate
Concen: 19.93 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

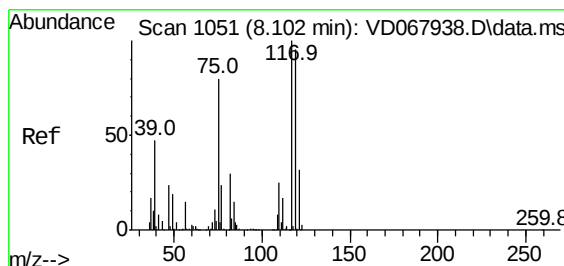
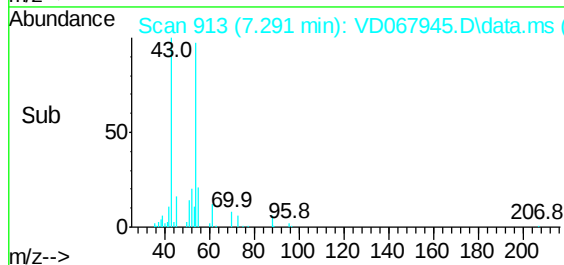
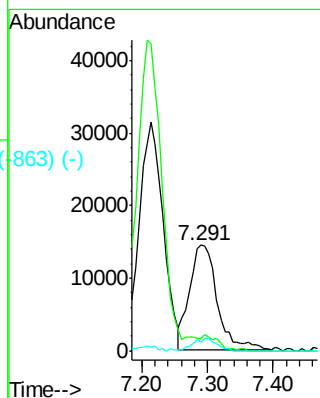
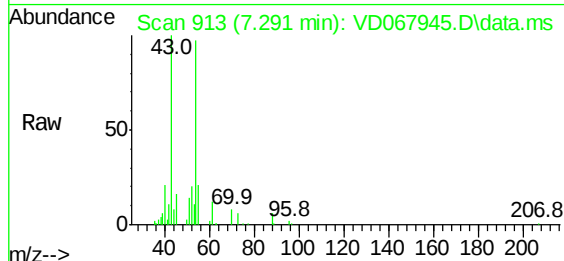
Tgt Ion: 43 Resp: 41796

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	10.4	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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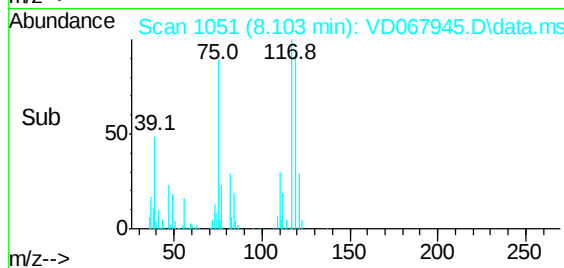
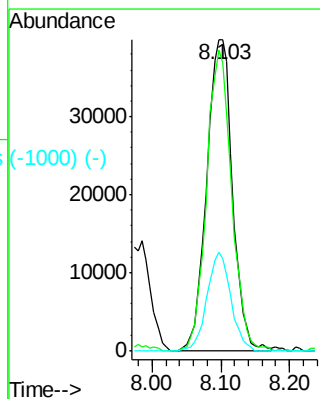
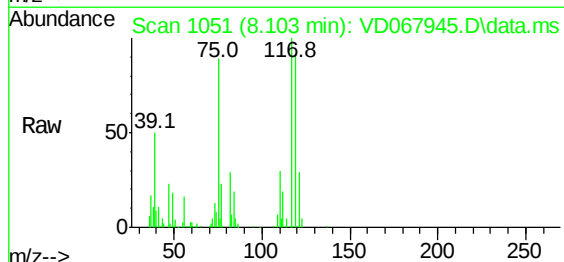
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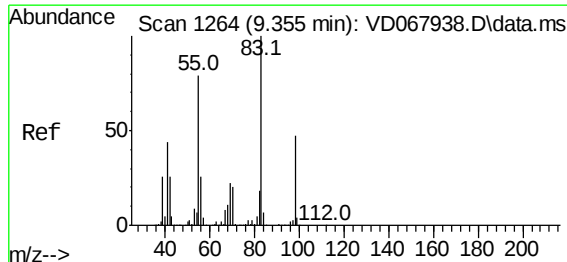


Carbon Tetrachloride
Concen: 20.87 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 117 Resp: 103294

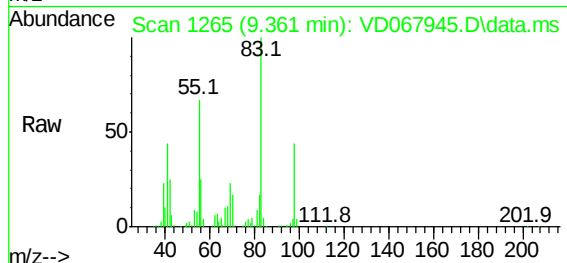
Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.2	114.4
121	29.4	25.9	38.9





(-1295) (-)
Methylcyclohexane
Concen: 19.38 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

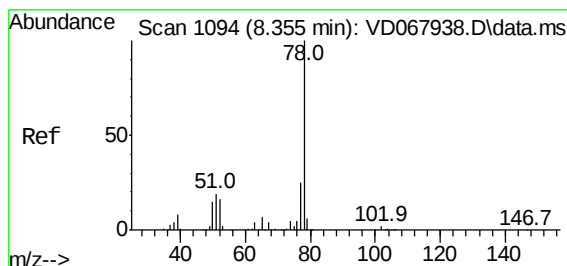
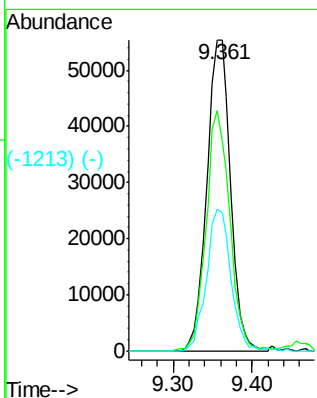
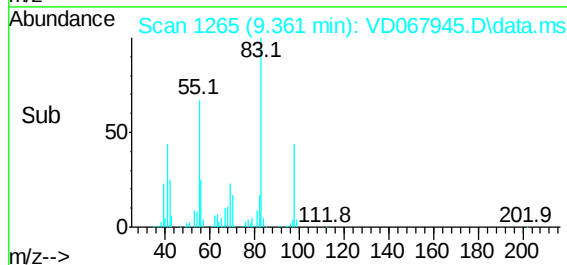
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



Tgt Ion: 83 Resp: 115133
Ion Ratio Lower Upper
83 100
55 67.2 63.5 95.3
98 44.4 37.3 55.9

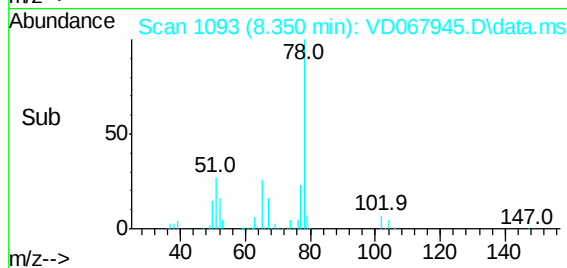
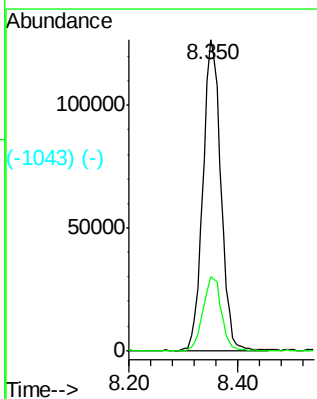
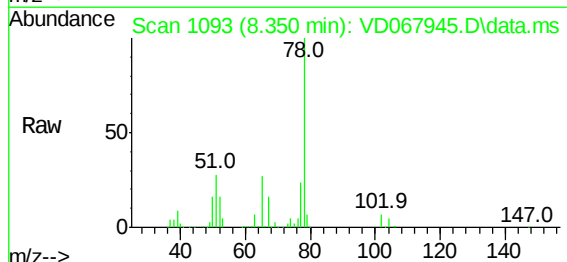
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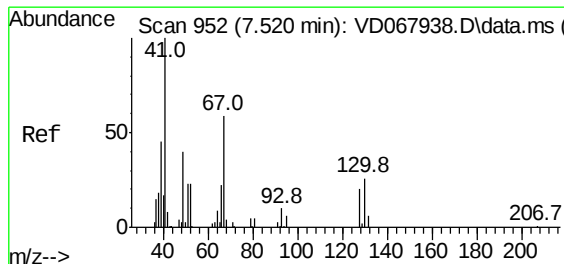
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(-1402) (-)
Benzene
Concen: 19.21 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 78 Resp: 288768
Ion Ratio Lower Upper
78 100
77 23.7 20.1 30.1





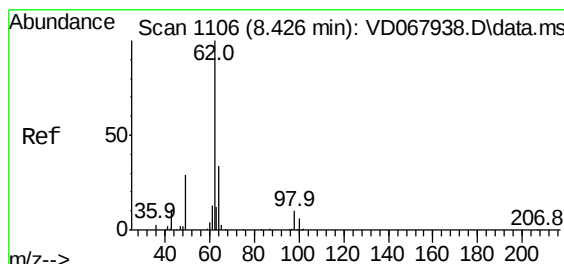
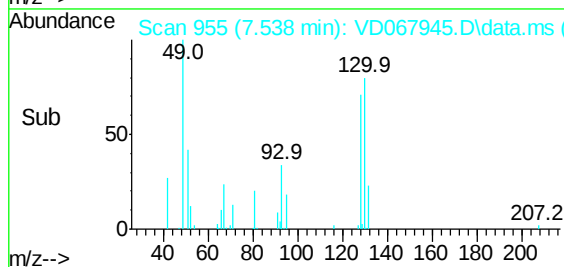
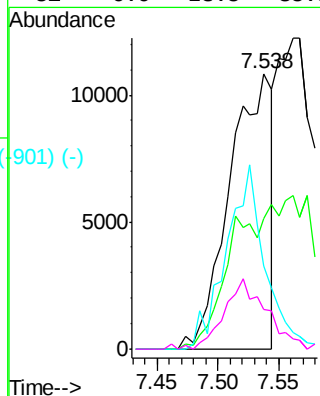
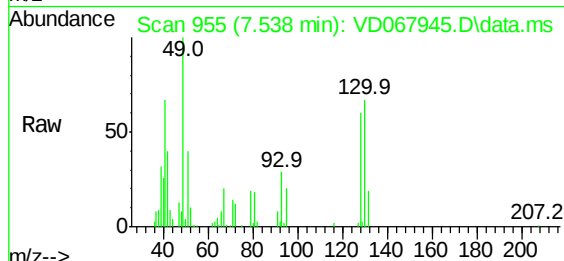
Methacrylonitrile
Concen: 22.27 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.018 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 41 Resp: 26284
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.2#
67 0.0 55.1 82.7#
52 0.0 23.5 35.3#

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

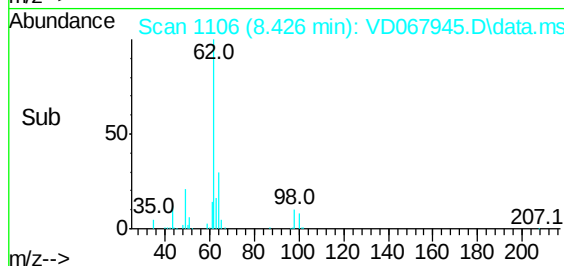
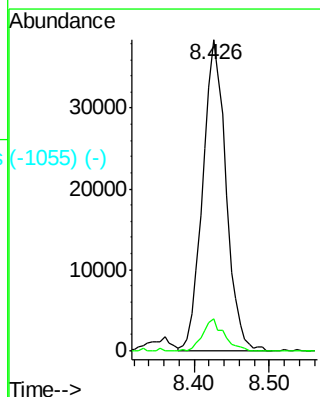
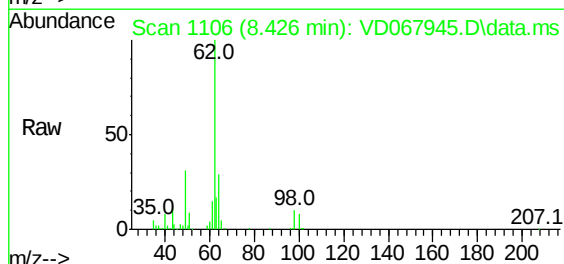
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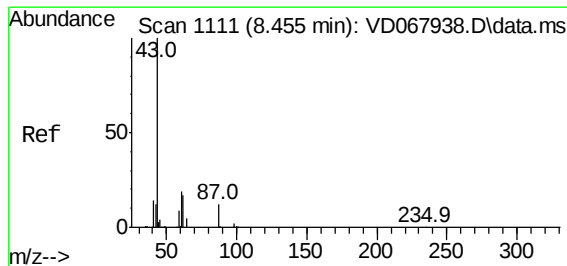
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12/28/2020 3:30:48 PM



1,2-Dichloroethane
Concen: 20.41 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 62 Resp: 82742
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.4





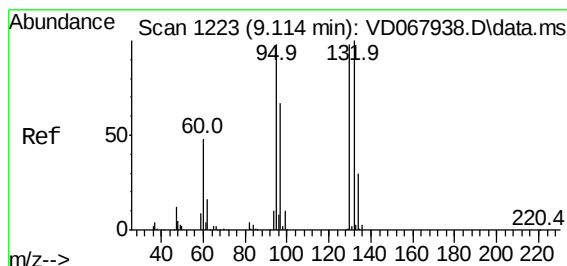
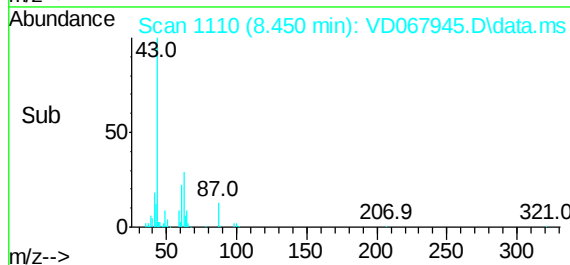
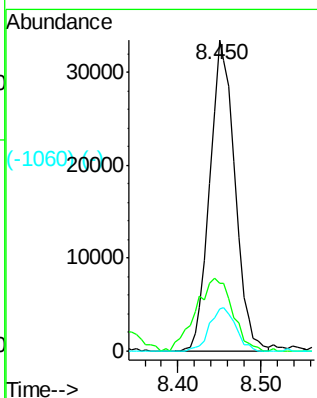
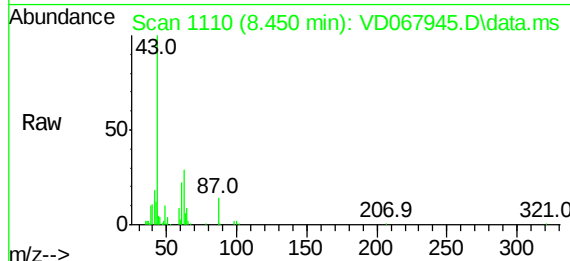
Isopropyl Acetate
Concen: 18.26 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 43 Resp: 70285
Ion Ratio Lower Upper
43 100
61 34.0 24.5 36.7
87 14.3 9.8 14.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

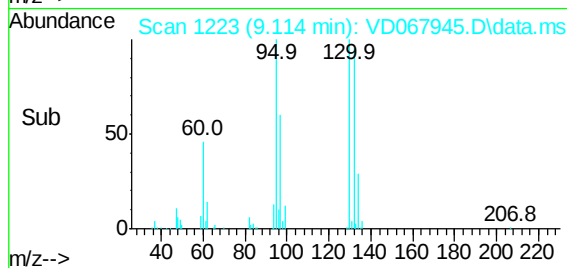
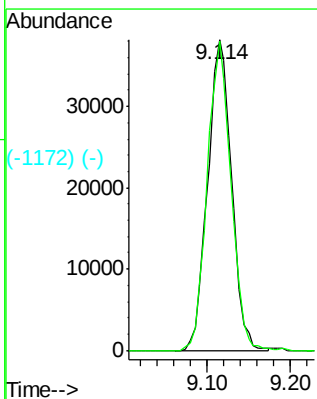
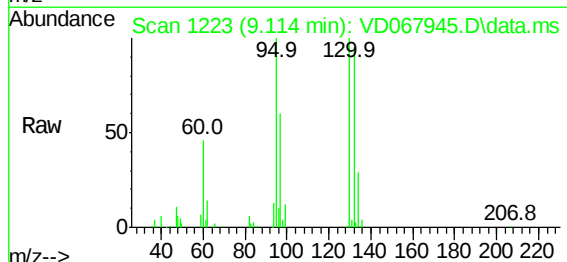
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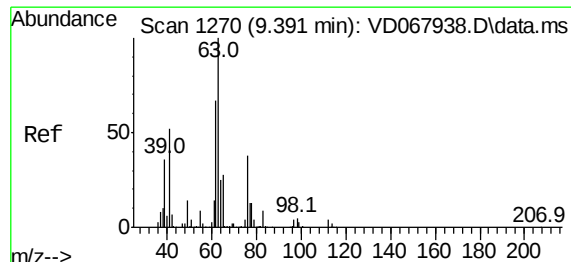
MMDadoda
12/28/2020 3:30:48 PM



Trichloroethene
Concen: 20.32 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:130 Resp: 76565
Ion Ratio Lower Upper
130 100
95 99.6 0.0 200.8



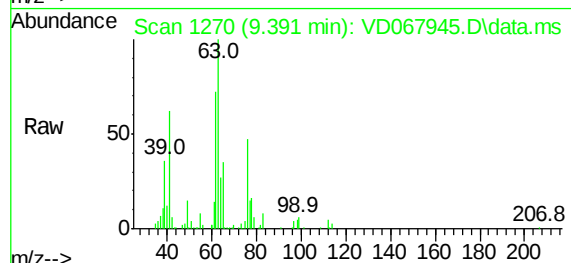


(-1257) (-)
1,2-Dichloropropane
Concen: 19.54 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

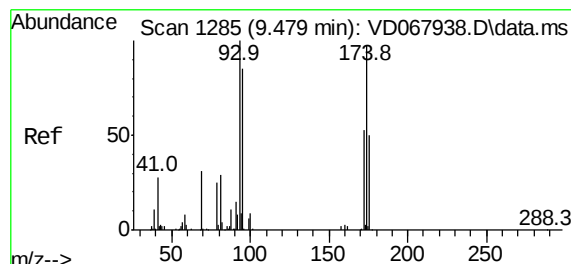
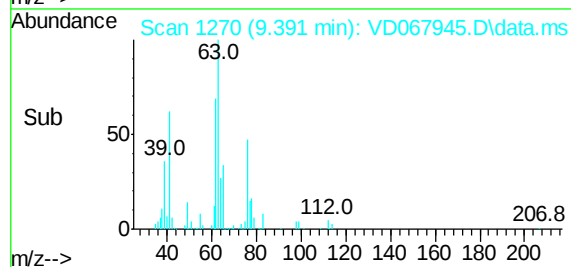
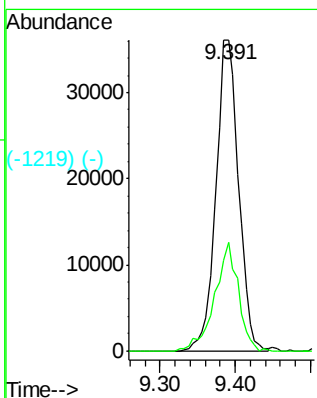
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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12/28/2020 3:30:48 PM

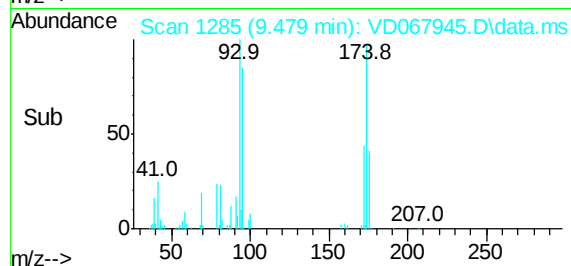
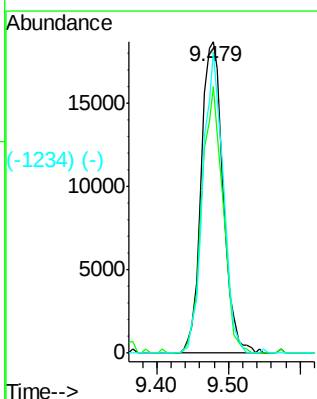
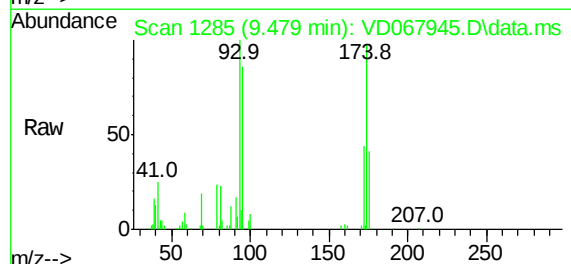


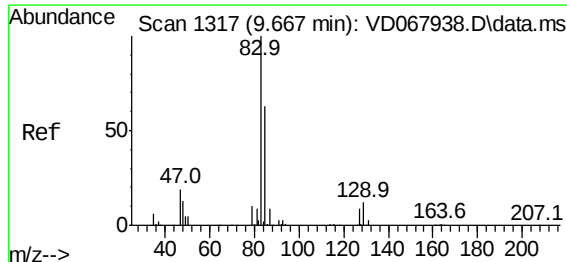
Tgt Ion: 63 Resp: 74777
Ion Ratio Lower Upper
63 100
65 34.8 22.7 34.1#



(-1256) (-)
Dibromomethane
Concen: 21.00 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 93 Resp: 39054
Ion Ratio Lower Upper
93 100
95 82.6 68.0 102.0
174 89.7 74.7 112.1





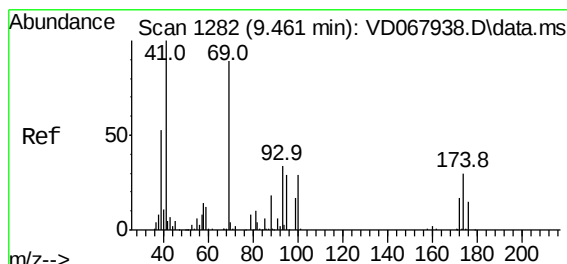
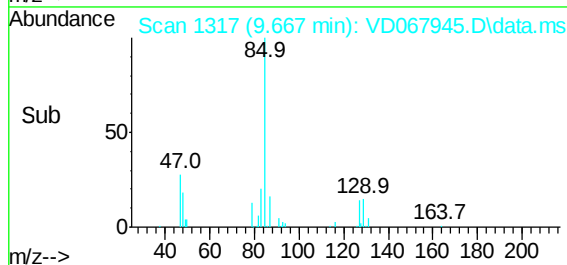
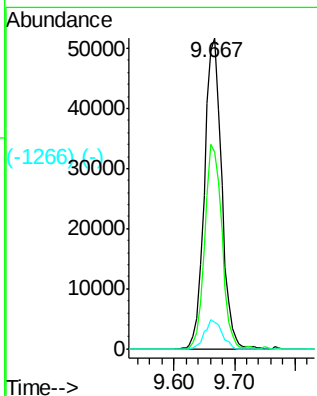
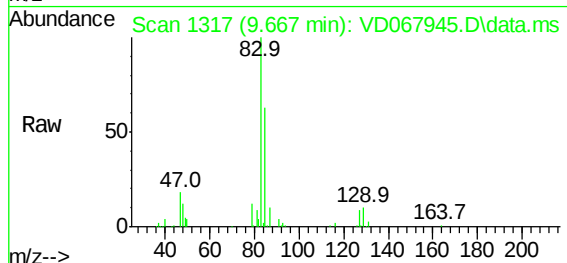
Bromodichloromethane
Concen: 20.07 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 83 Resp: 100735
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 8.7 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

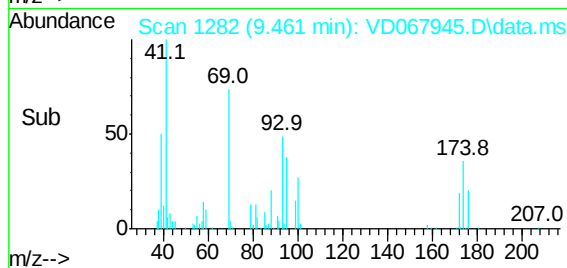
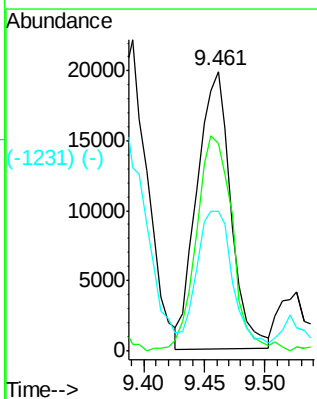
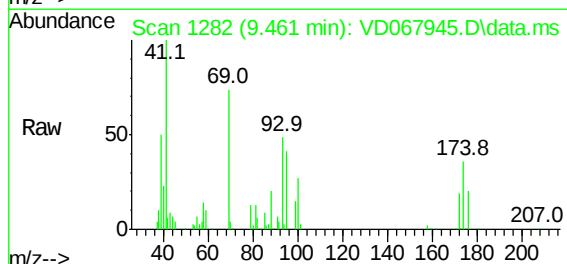
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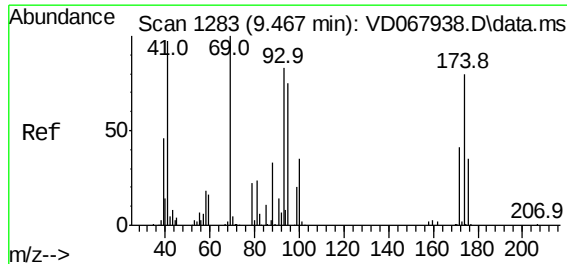
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Methyl methacrylate
Concen: 19.40 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

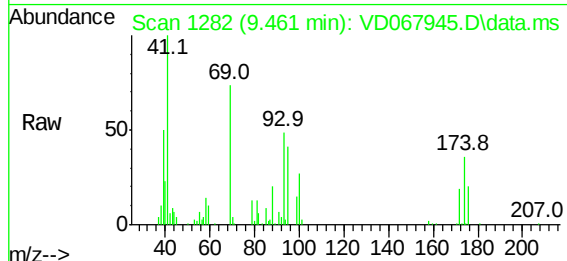
Tgt Ion: 41 Resp: 38595
Ion Ratio Lower Upper
41 100
69 81.6 63.9 95.9
39 53.1 37.4 56.0





(#1294) (-)
1,4-Dioxane
Concen: 428.80 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

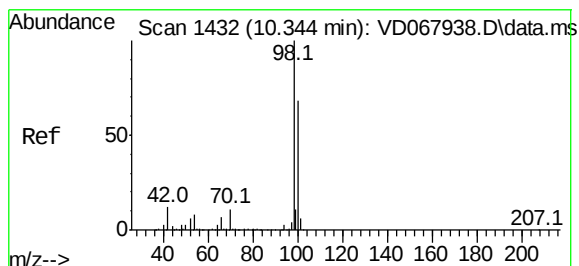
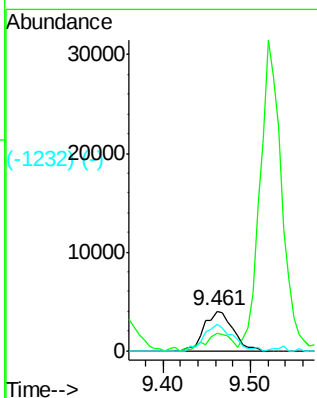
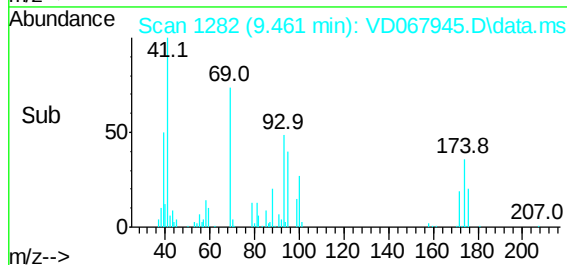
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



Tgt Ion: 88 Resp: 8709
Ion Ratio Lower Upper
88 100
43 40.6 27.3 40.9
58 65.9 54.8 82.2

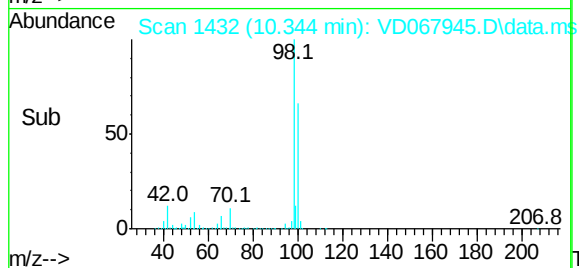
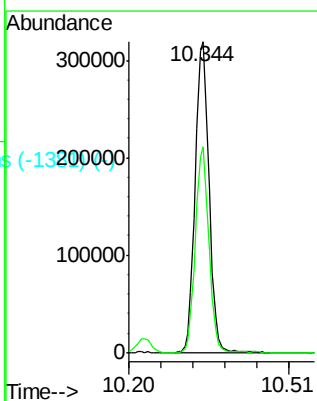
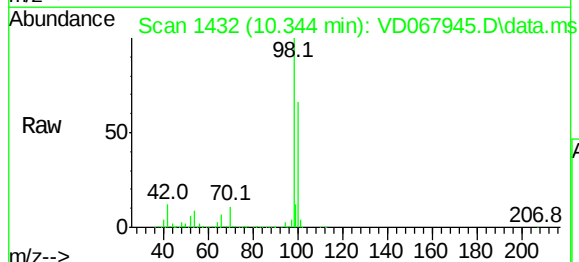
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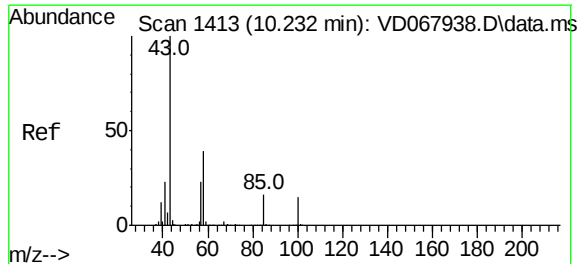
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12/28/2020 3:30:48 PM



(#5022) (-)
Toluene-d8
Concen: 51.02 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 98 Resp: 589117
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



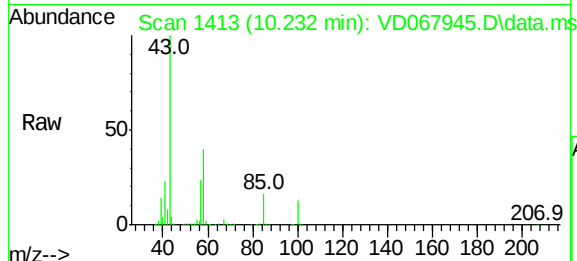


#51402 (-)
4-Methyl-2-Pentanone
Concen: 98.34 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

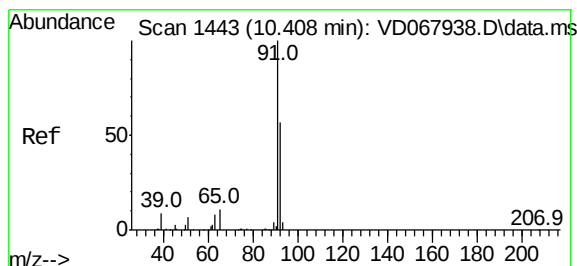
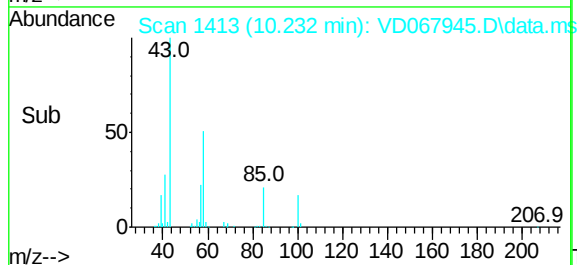
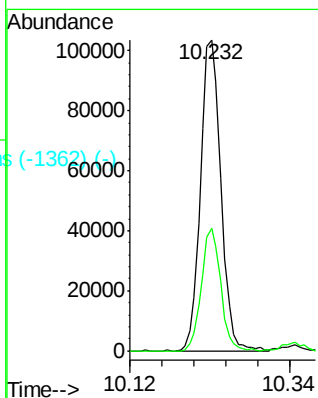
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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12/28/2020 3:30:48 PM

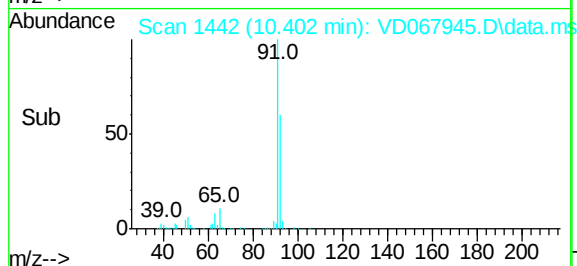
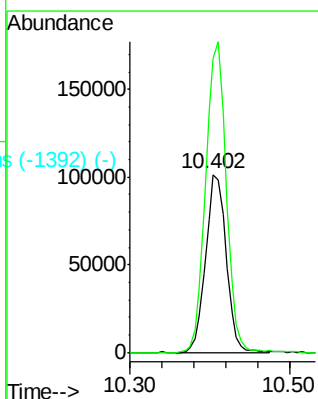
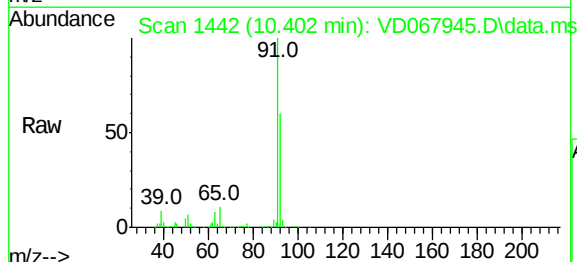


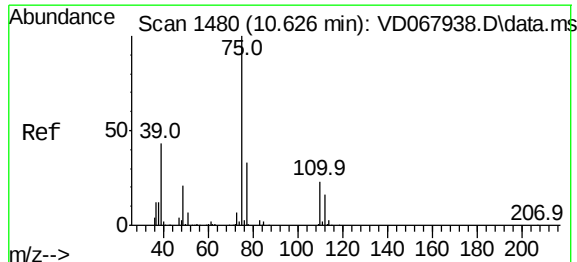
Tgt Ion: 43 Resp: 195968
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0



#51433 (-)
Toluene
Concen: 19.69 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

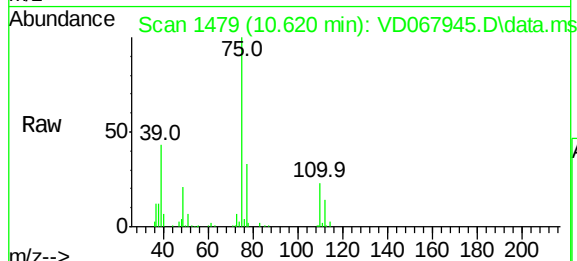
Tgt Ion: 92 Resp: 182714
Ion Ratio Lower Upper
92 100
91 175.0 138.5 207.7





#5470 (-)
t-1,3-Dichloropropene
Concen: 19.63 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

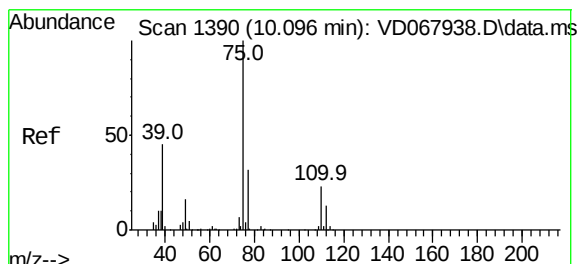
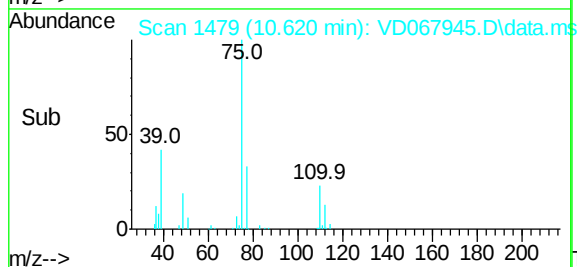
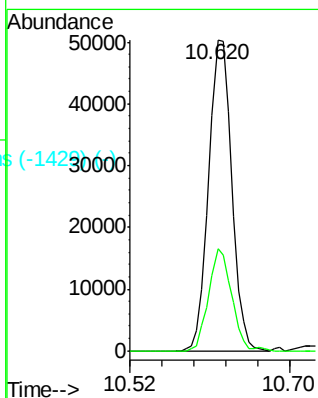
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



Tgt Ion: 75 Resp: 89109
Ion Ratio Lower Upper
75 100
77 32.9 26.8 40.2

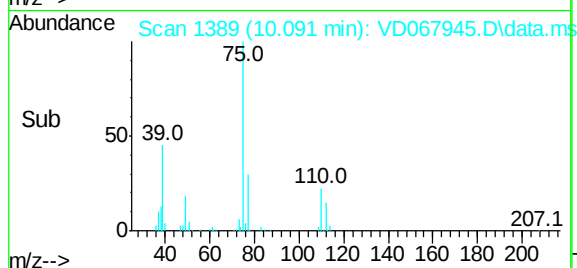
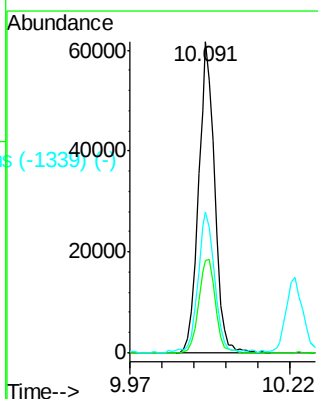
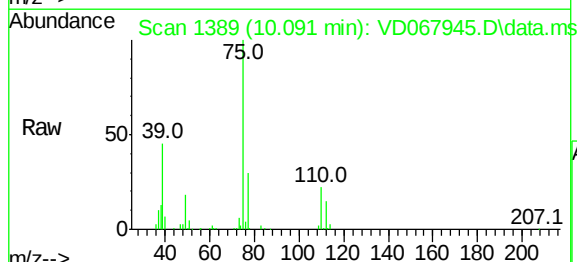
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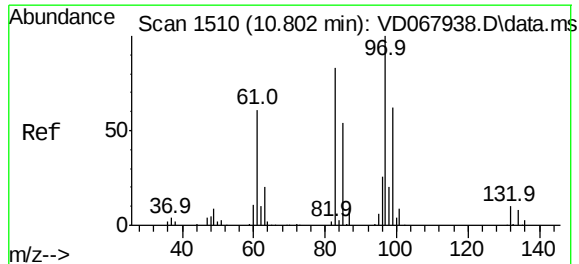
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#5479 (-)
cis-1,3-Dichloropropene
Concen: 19.68 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 75 Resp: 110543
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9
39 44.7 35.7 53.5





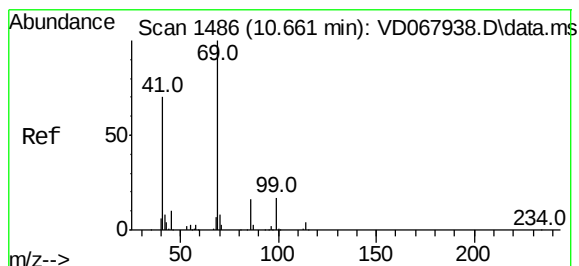
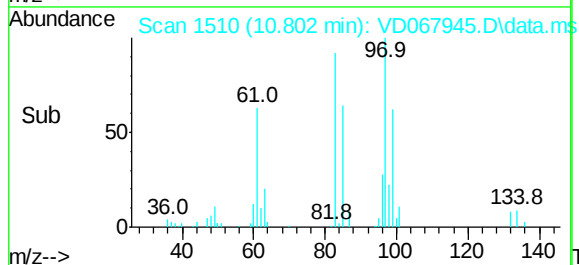
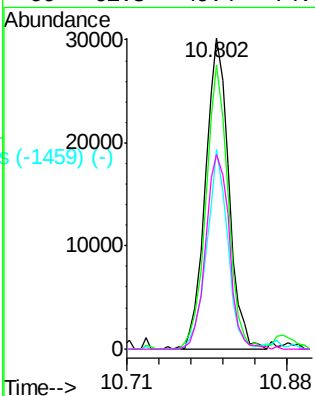
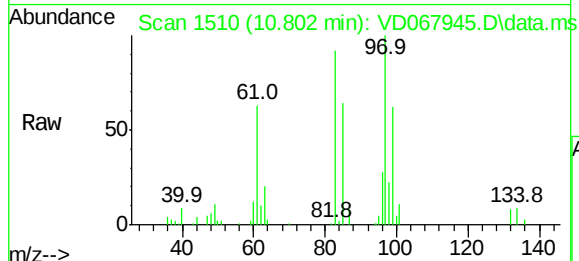
#5503 (-)
1,1,2-Trichloroethane
Concen: 20.24 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:	97	Resp:	52624
Ion	Ratio	Lower	Upper
97	100		
83	91.5	66.4	99.6
85	64.3	43.4	65.0
99	62.3	49.4	74.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

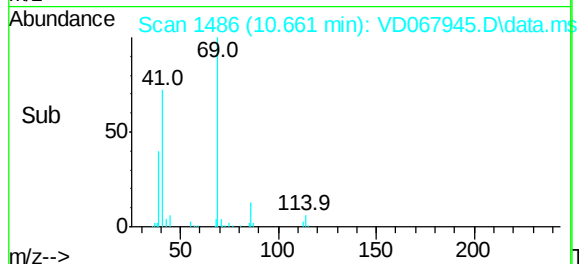
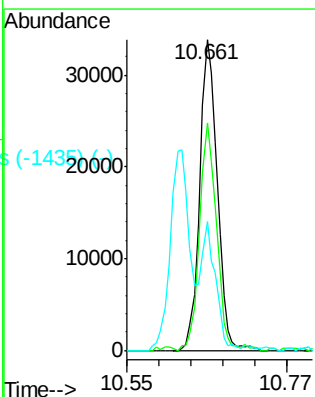
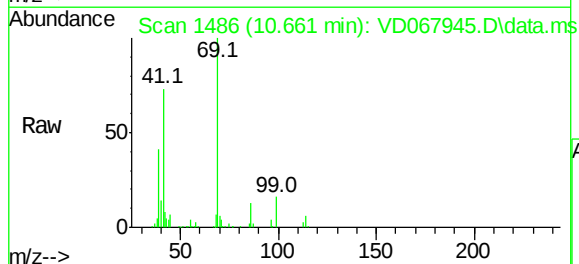
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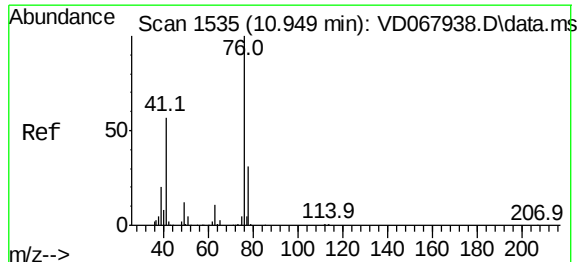
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#5578 (-)
Ethyl methacrylate
Concen: 19.50 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:	69	Resp:	56949
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.4	84.6
39	34.2	24.6	36.8



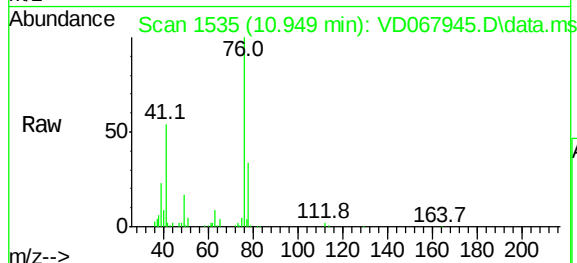


1,3-Dichloropropane
Concen: 20.05 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

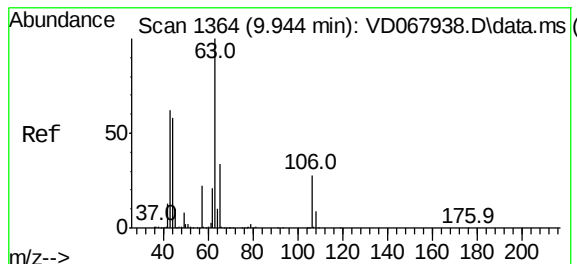
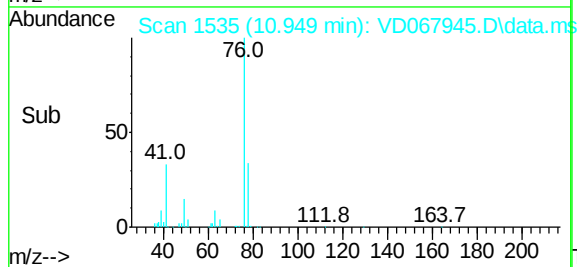
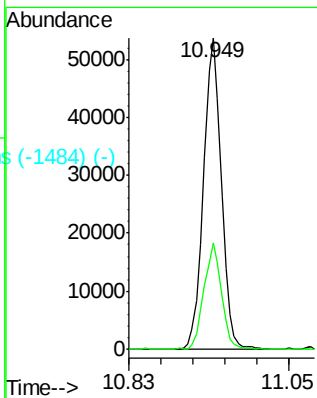
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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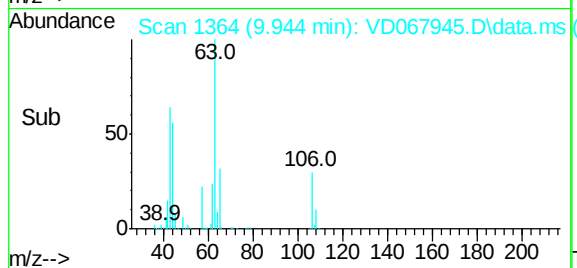
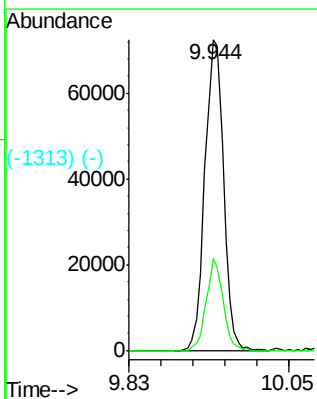
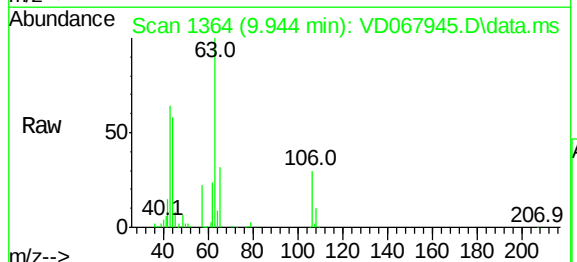


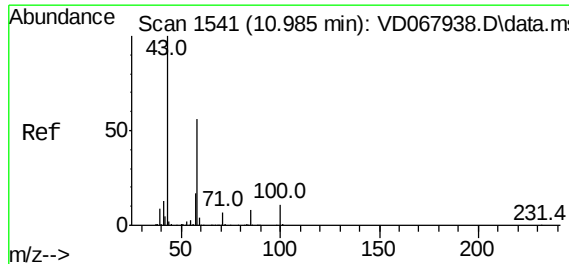
Tgt Ion: 76 Resp: 91636
Ion Ratio Lower Upper
76 100
78 33.4 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 88.45 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 63 Resp: 130008
Ion Ratio Lower Upper
63 100
106 26.5 21.6 32.4



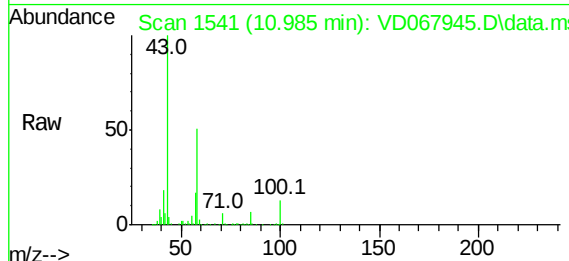


#5931 (-)
2-Hexanone
Concen: 101.20 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

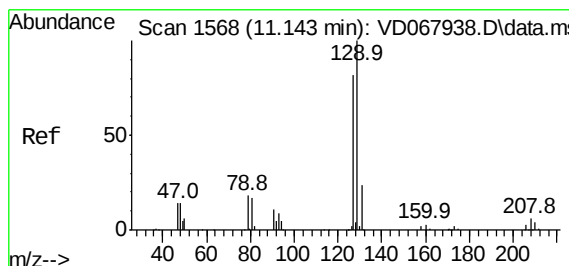
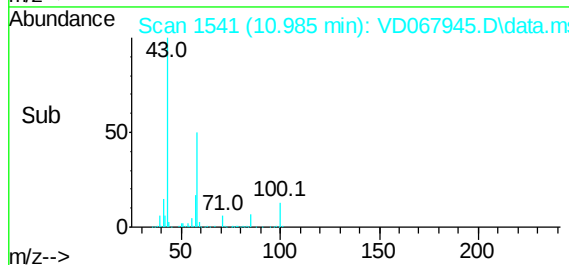
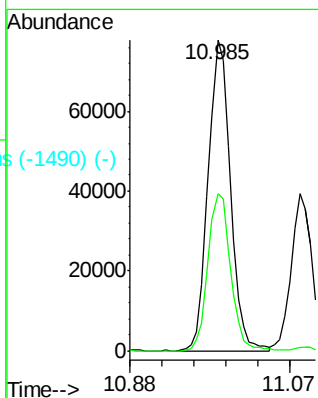
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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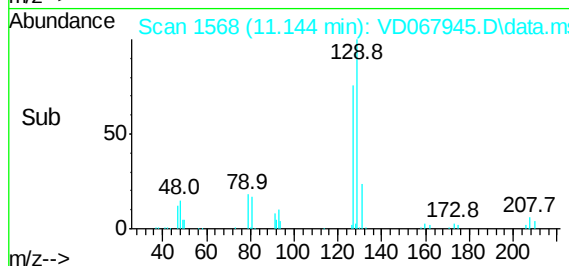
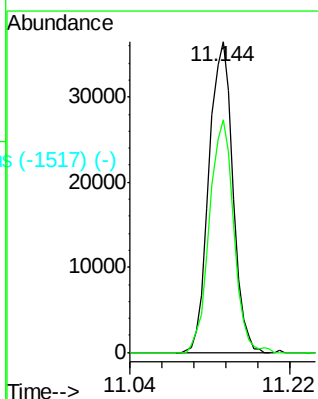
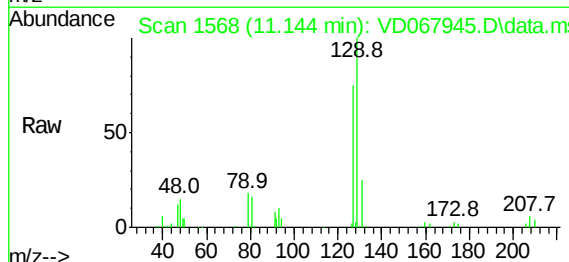


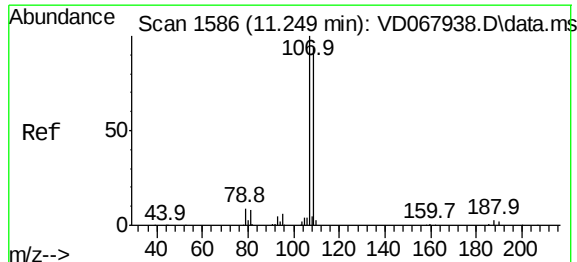
Tgt Ion: 43 Resp: 132532
Ion Ratio Lower Upper
43 100
58 51.7 27.5 82.4



#6059 (-)
Dibromochloromethane
Concen: 20.72 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:129 Resp: 66739
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4



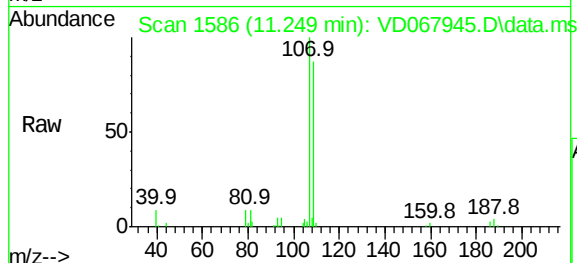


#6178 (-)
1,2-Dibromoethane
Concen: 20.81 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

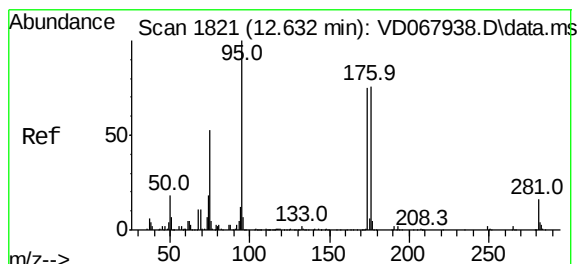
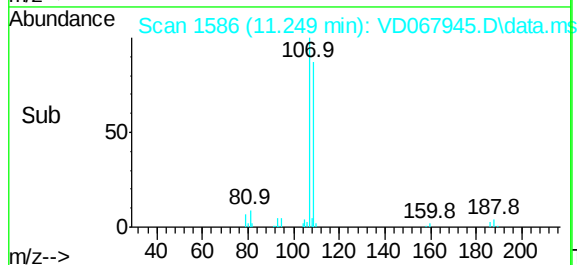
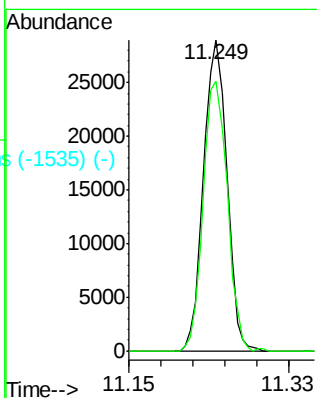
Instrument :
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ClientSampleId :
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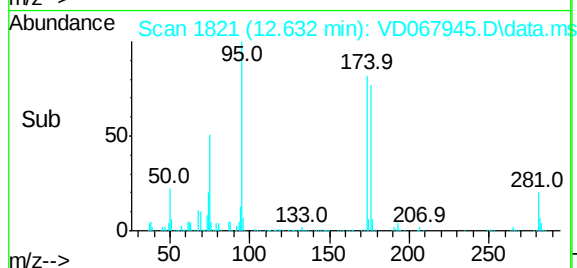
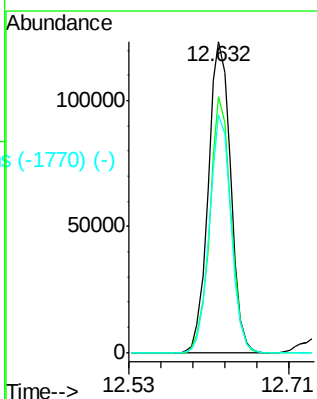
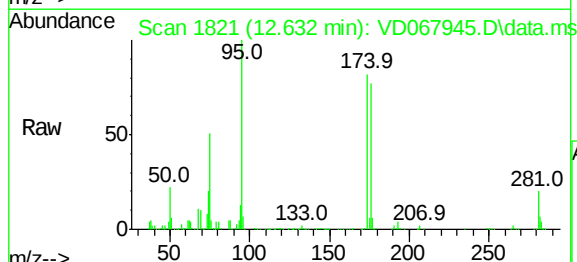


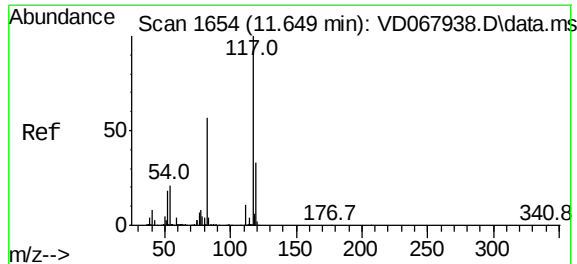
Tgt Ion:107 Resp: 51894
Ion Ratio Lower Upper
107 100
109 89.5 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 52.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 95 Resp: 205965
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.6
176 73.6 0.0 151.2



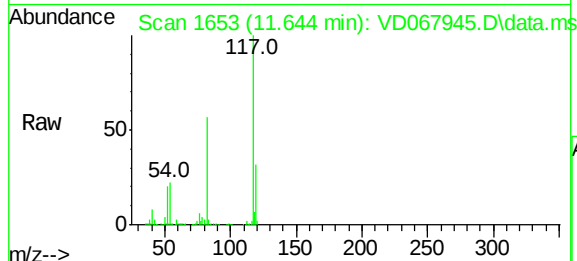


#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

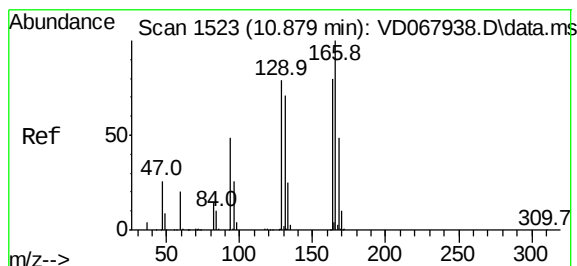
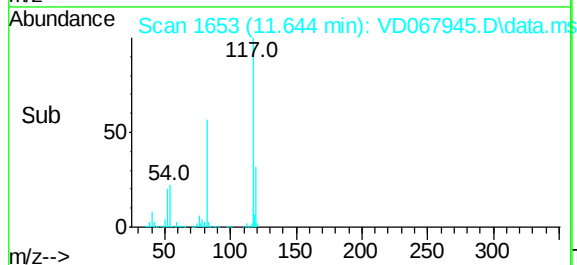
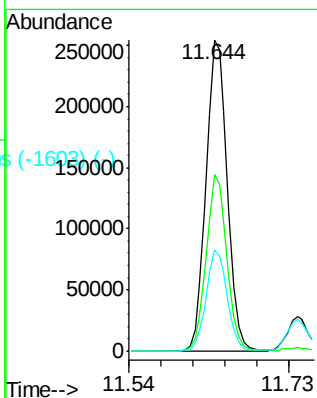
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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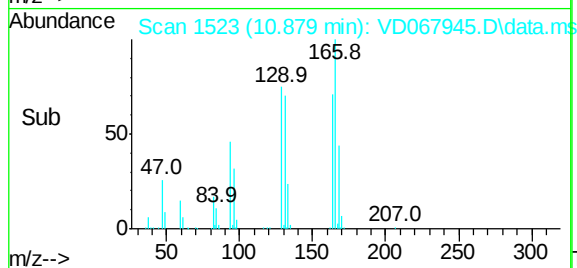
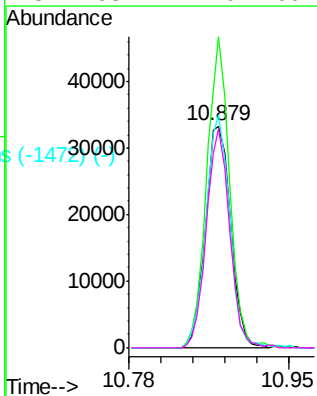
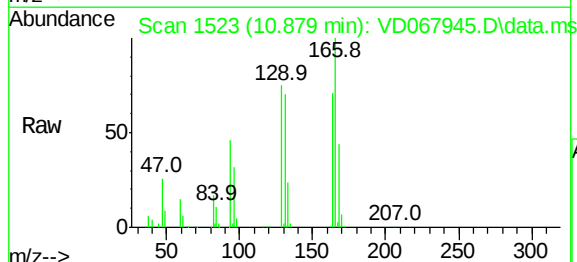


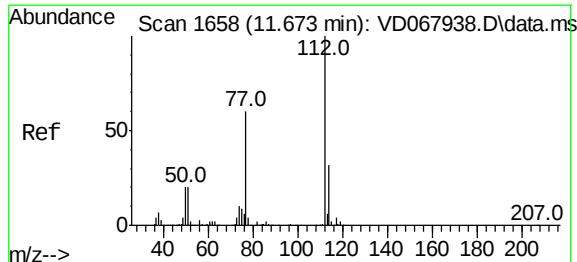
Tgt Ion:117 Resp: 451489
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 32.5 26.7 40.1



#6414 (-)
Tetrachloroethene
Concen: 19.84 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:164 Resp: 62841
Ion Ratio Lower Upper
164 100
166 140.2 99.4 149.2
129 105.0 79.0 118.4
131 98.4 71.0 106.4



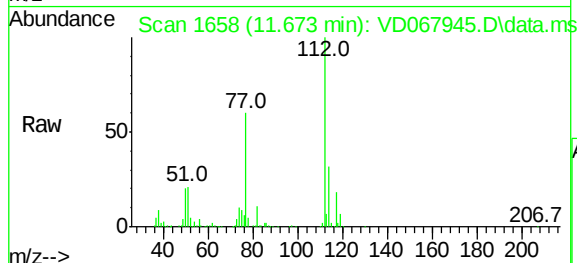


#6549 (-)
Chlorobenzene
Concen: 19.27 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

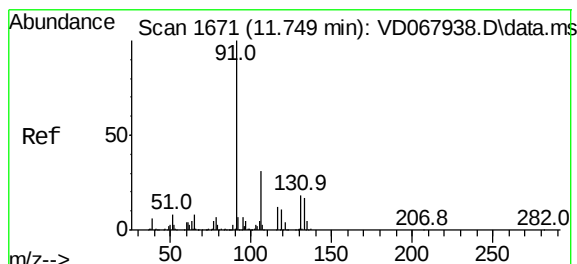
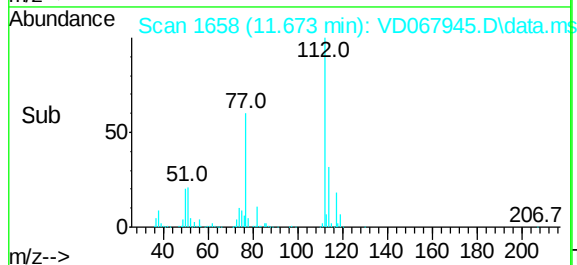
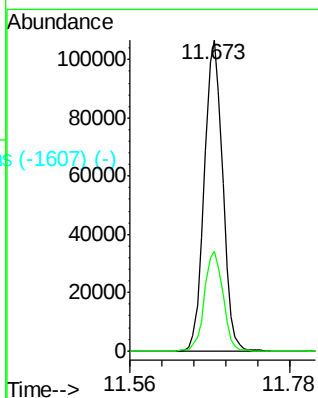
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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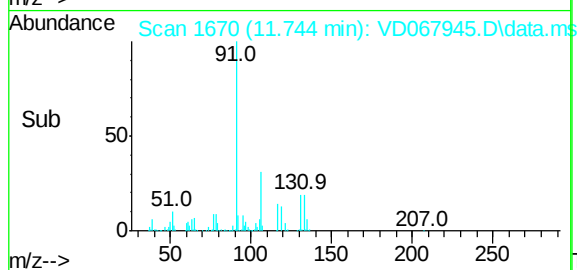
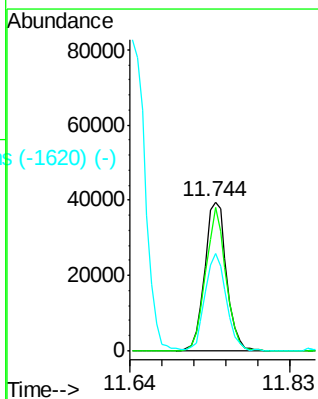
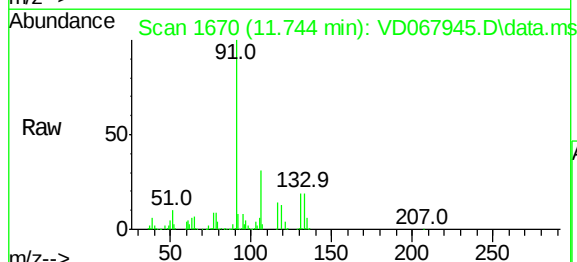


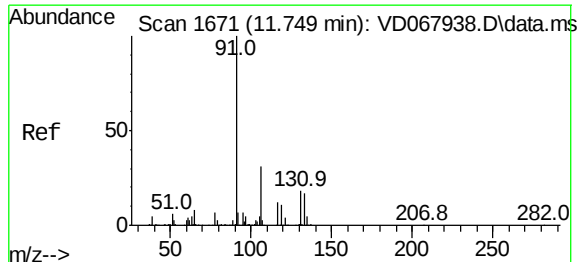
Tgt Ion:112 Resp: 187656
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#6662 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.54 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:131 Resp: 71395
Ion Ratio Lower Upper
131 100
133 89.3 48.4 145.0
119 63.9 33.4 100.2





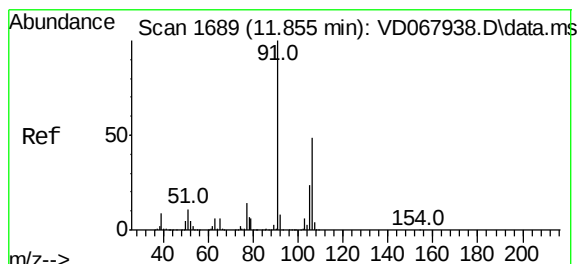
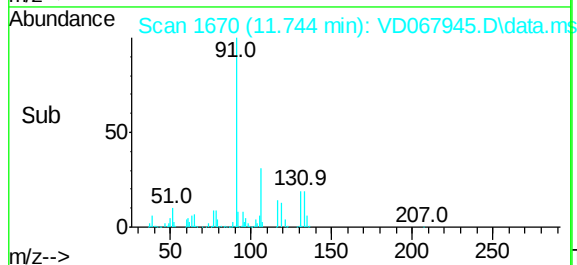
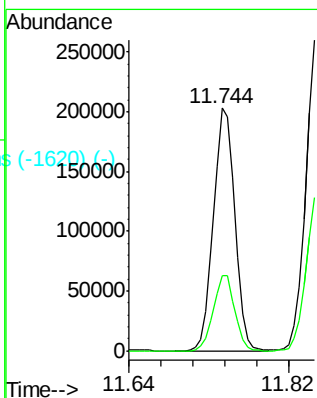
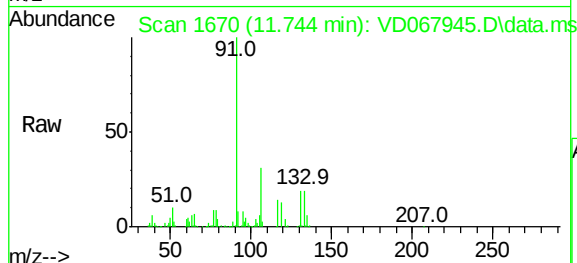
#661 (-)
Ethyl Benzene
Concen: 19.36 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion: 91 Resp: 336282
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

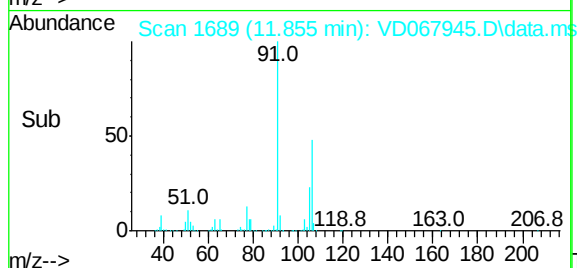
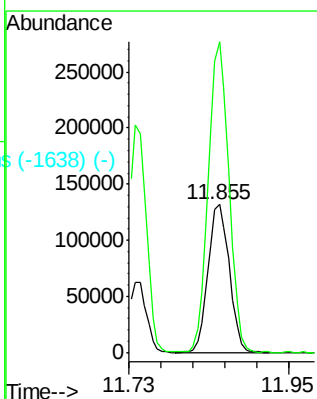
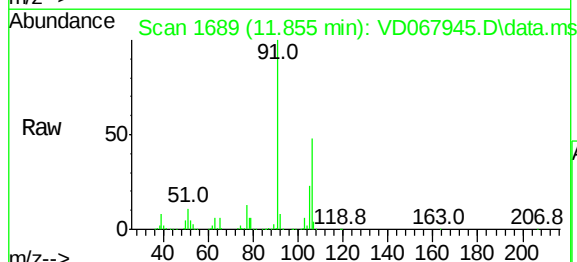
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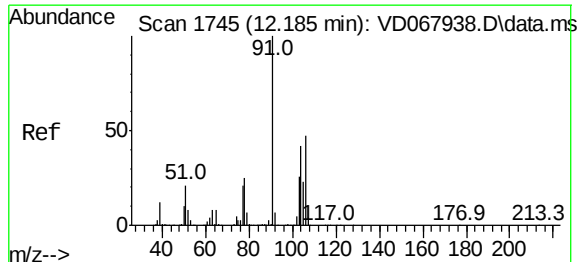
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12/28/2020 3:30:48 PM



#660 (-)
m/p-Xylenes
Concen: 38.69 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

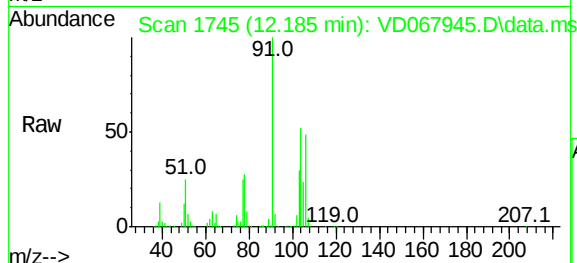
Tgt Ion:106 Resp: 256110
Ion Ratio Lower Upper
106 100
91 204.8 159.9 239.9





#6937 (-)
o-Xylene
Concen: 18.94 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

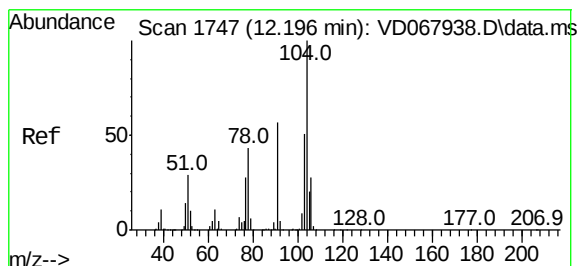
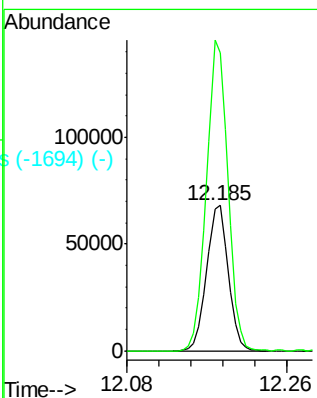
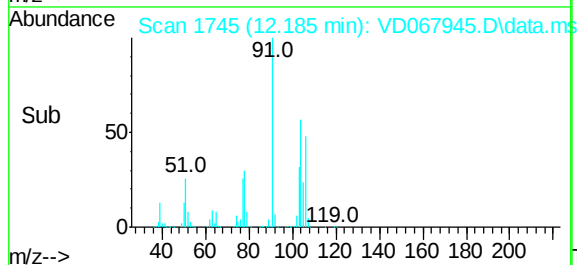
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



Tgt Ion:106 Resp: 112158
Ion Ratio Lower Upper
106 100
91 212.1 106.0 317.9

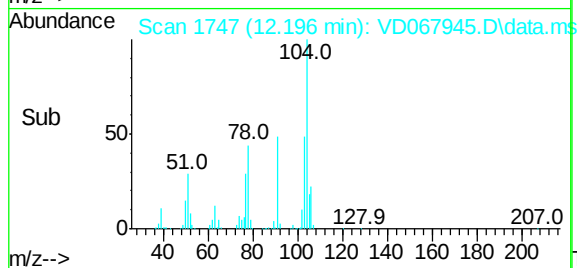
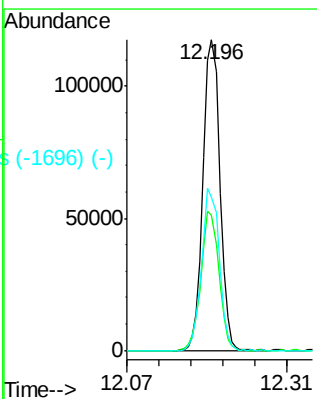
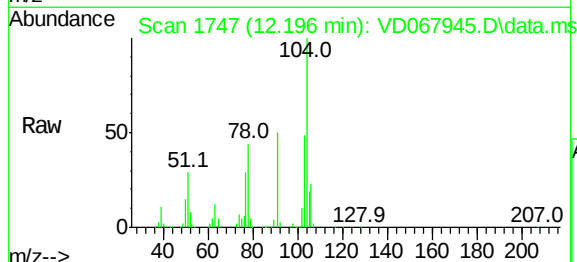
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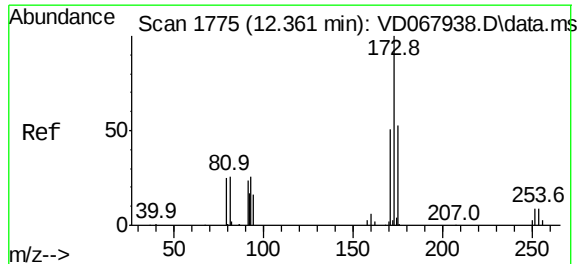
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#1736 (-)
Styrene
Concen: 19.60 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

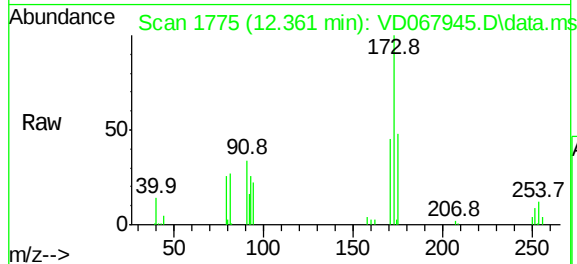
Tgt Ion:104 Resp: 200596
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.4 44.2 66.4





#1767 (-)
Bromoform
Concen: 19.44 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

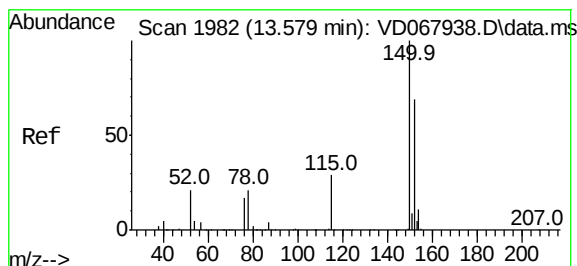
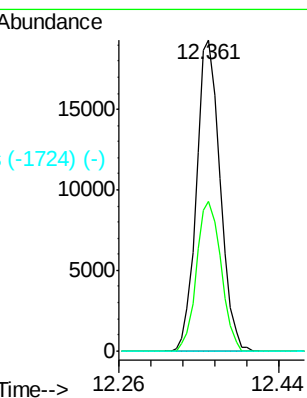
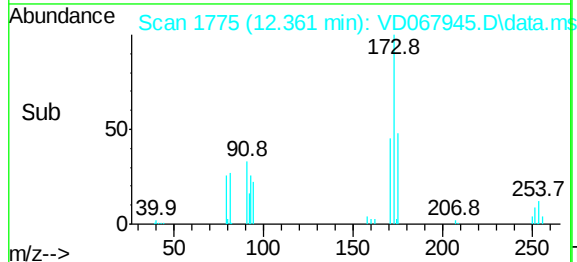
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



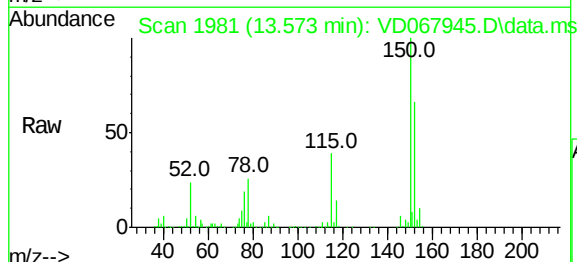
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	73.8
254	0.0	0.0	0.0

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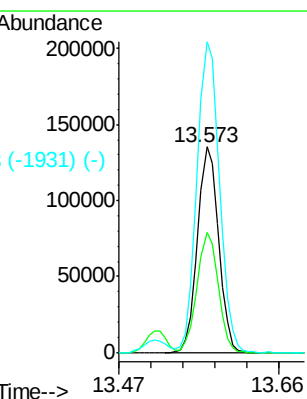
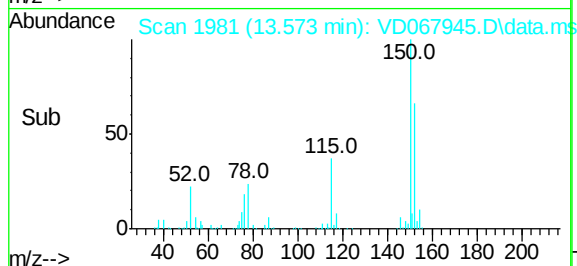
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12/28/2020 3:30:48 PM

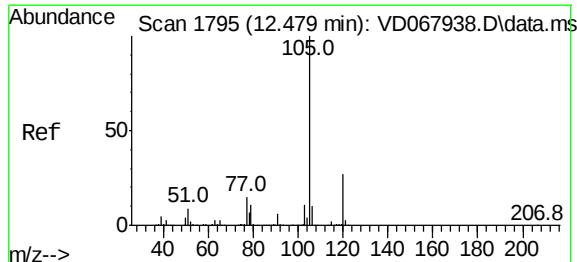


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

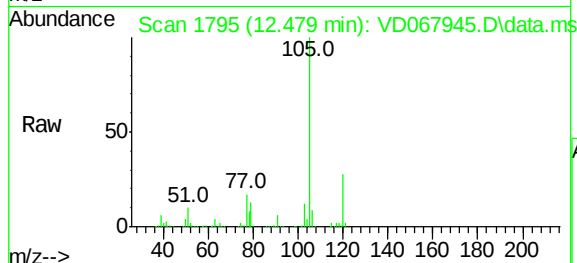


Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	162.3	0.0	340.0

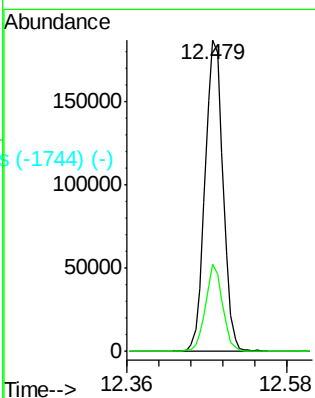
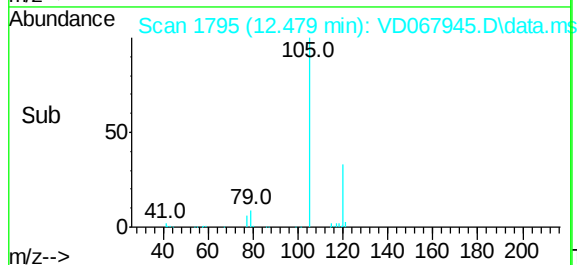




#1786 (-)
Isopropylbenzene
Concen: 19.05 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



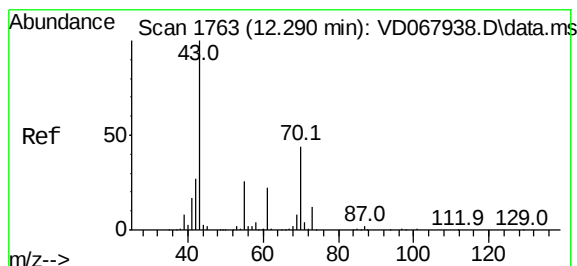
Tgt Ion: 105 Resp: 306634
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



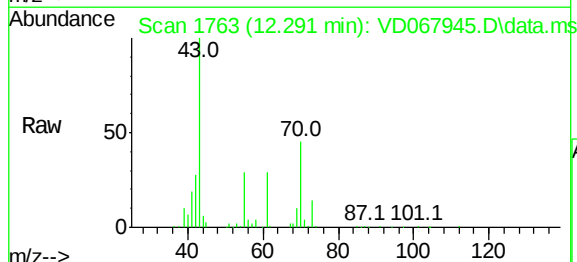
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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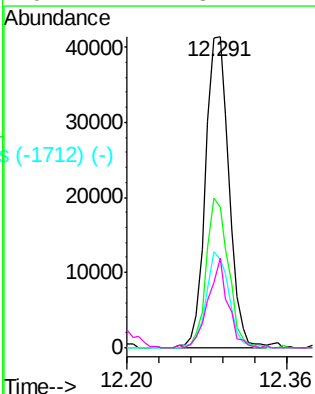
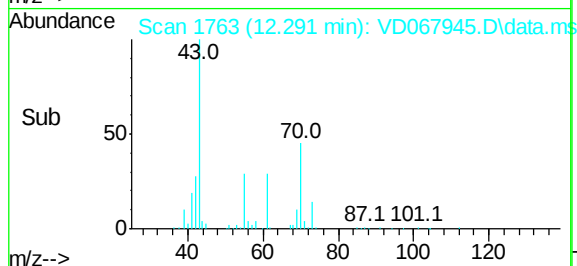
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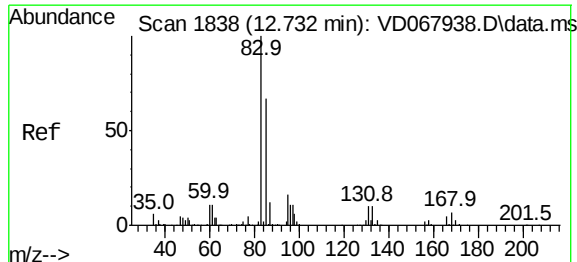


#1753 (-)
N-ethyl acetate
Concen: 18.38 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



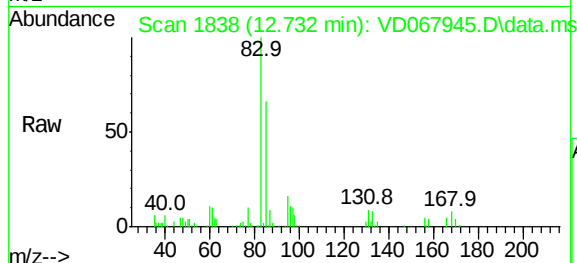
Tgt Ion: 43 Resp: 67164
Ion Ratio Lower Upper
43 100
70 44.7 34.3 51.5
55 29.4 21.2 31.8
61 24.2 18.4 27.6





#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 20.16 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

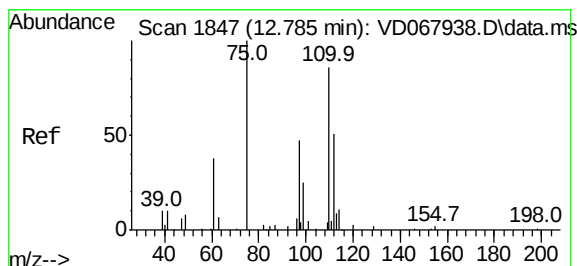
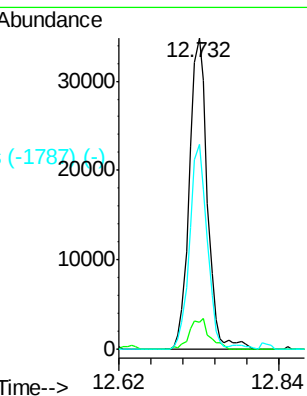
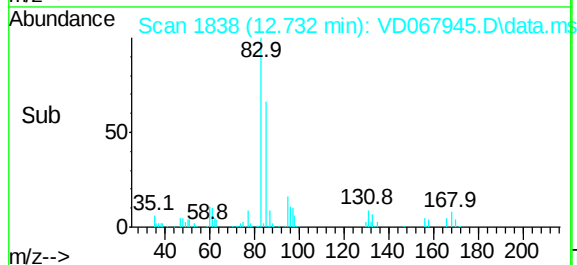
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01



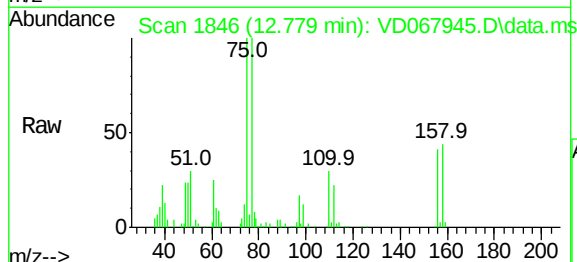
Tgt Ion:	83	Resp:	60200
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.0	14.9
85	63.7	32.1	96.3

Manual Integrations
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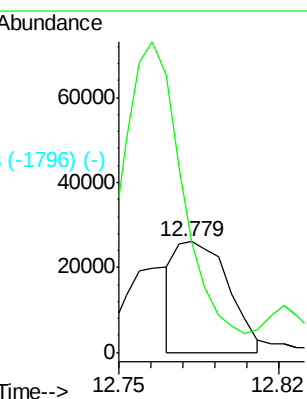
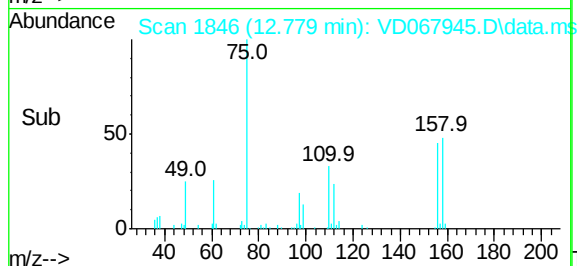
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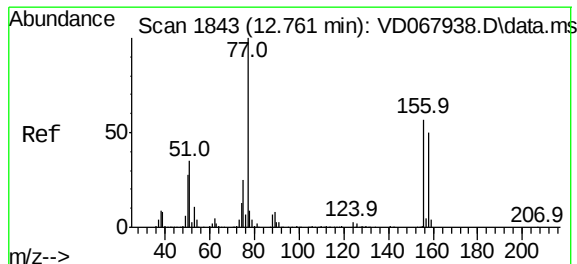


#1645 (-)
 1,2,3-Trichloropropane
 Concen: 23.89 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49



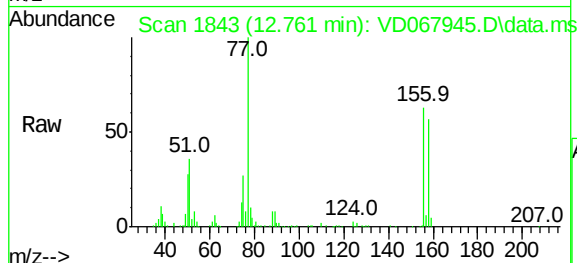
Tgt Ion:	75	Resp:	43630
Ion	Ratio	Lower	Upper
75	100		
77	325.0	0.0	0.0#





#1834 (-)
Bromobenzene
Concen: 19.59 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

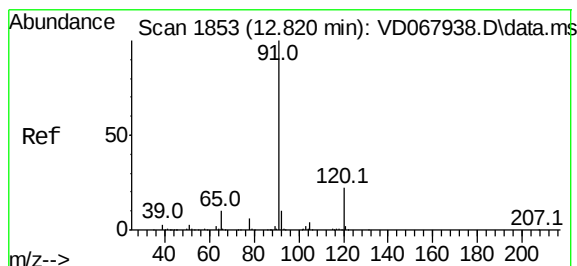
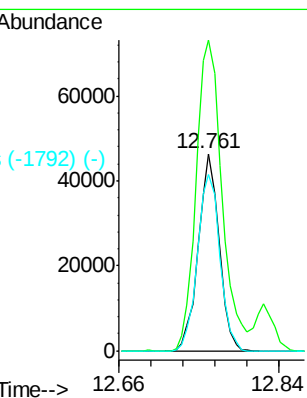
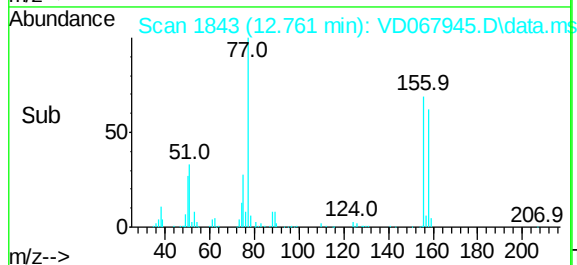


Tgt Ion: 156 Resp: 72135

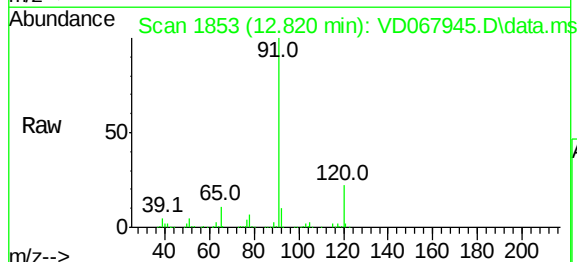
Ion	Ratio	Lower	Upper
156	100		
77	196.6	95.9	287.6
158	96.9	46.8	140.3

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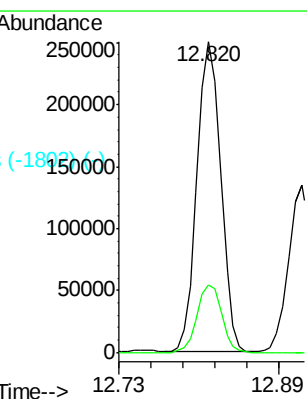
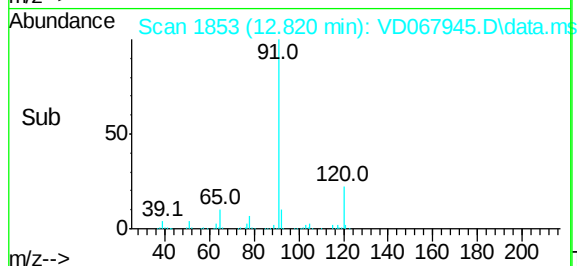


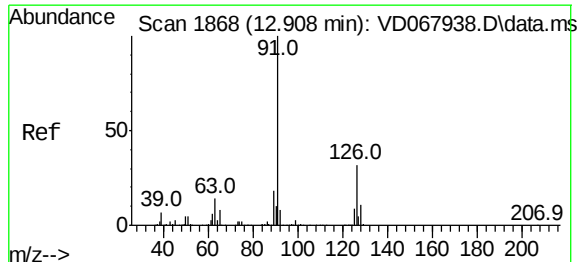
#1847 (-)
n-propylbenzene
Concen: 19.73 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



Tgt Ion: 91 Resp: 394746

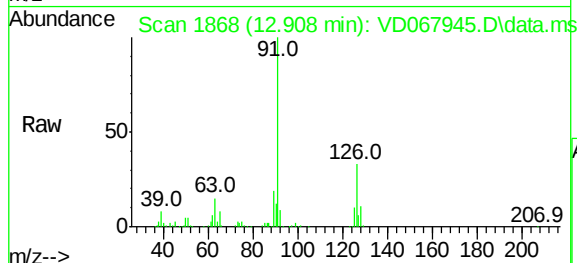
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





#1861 (-)
2-Chlorotoluene
Concen: 19.35 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

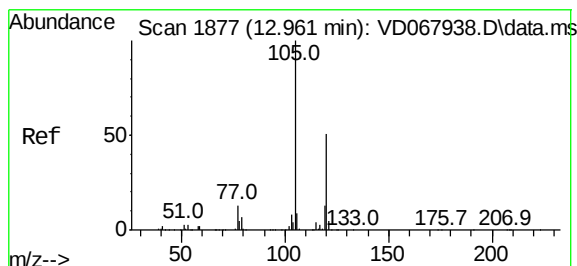
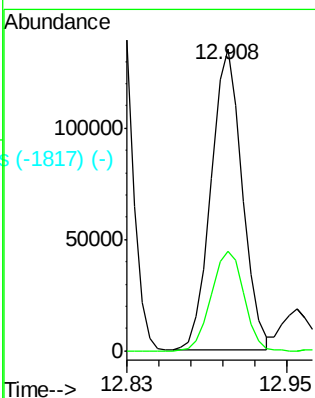
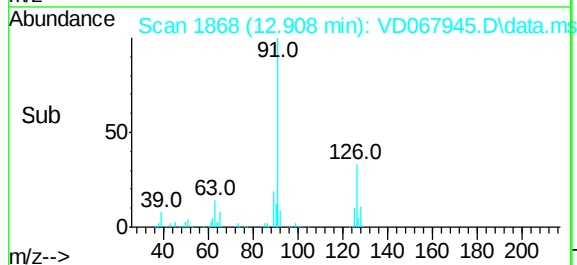
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



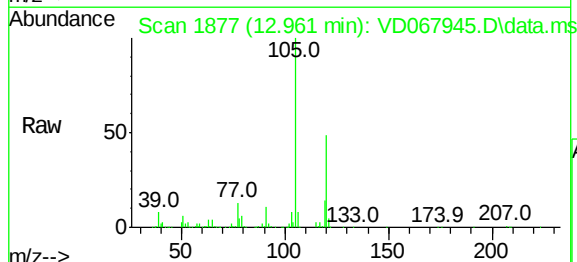
Tgt Ion: 91 Resp: 218827
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

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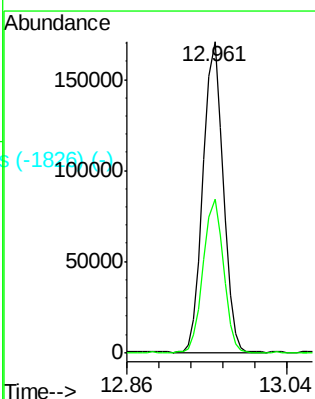
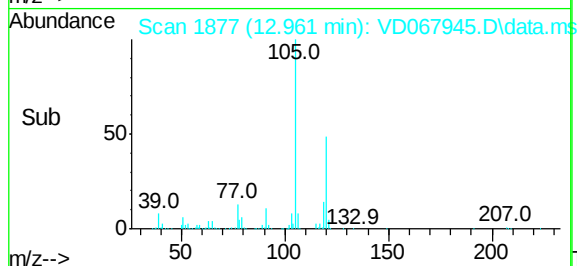
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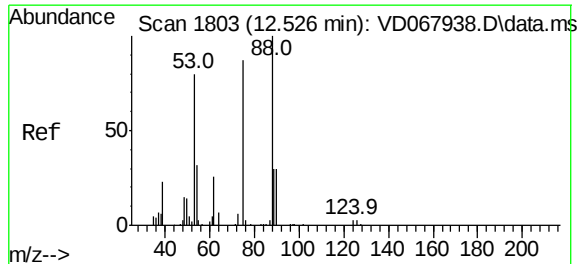


#1868 (-)
1,3,5-Trimethylbenzene
Concen: 19.62 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



Tgt Ion:105 Resp: 262364
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





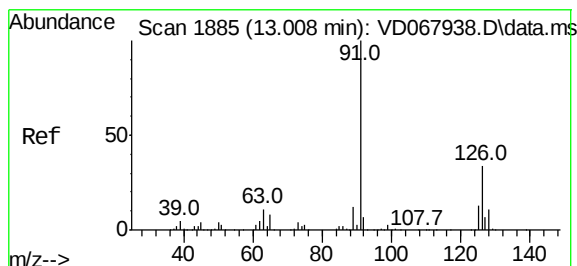
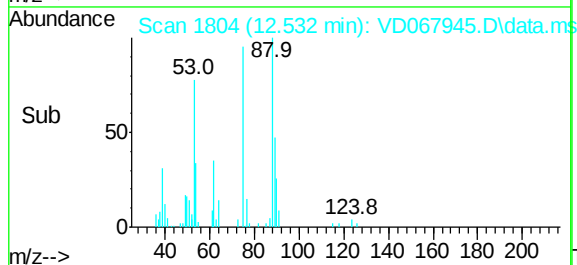
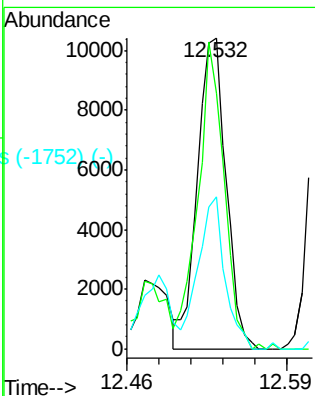
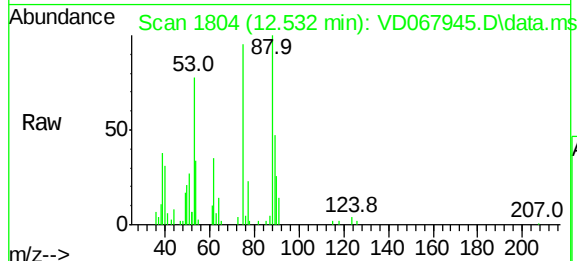
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 19.35 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.0	74.9	112.3
89	45.2	33.8	50.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

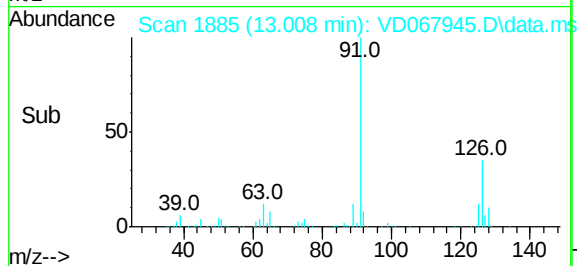
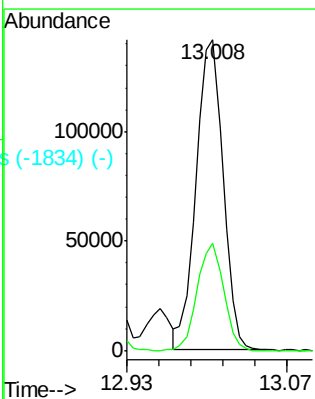
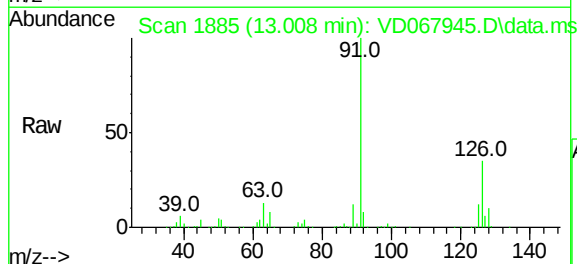
Manual Integrations
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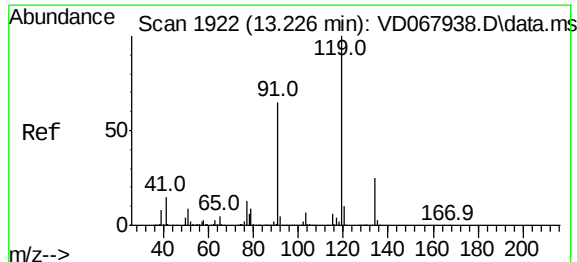
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12/28/2020 3:30:48 PM



#200 (-)
4-Chlorotoluene
Concen: 19.76 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	51.0





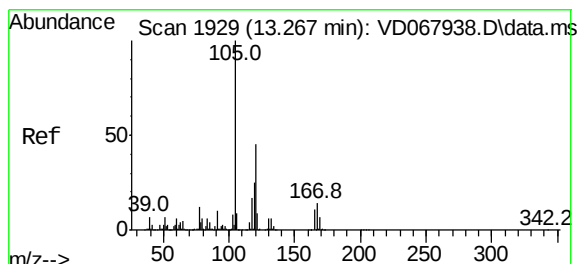
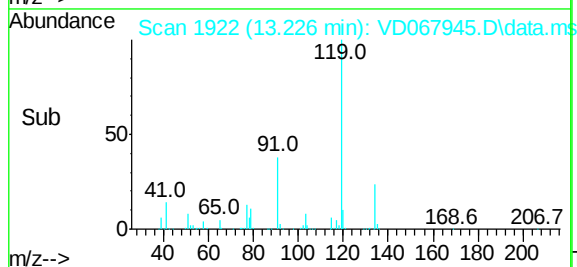
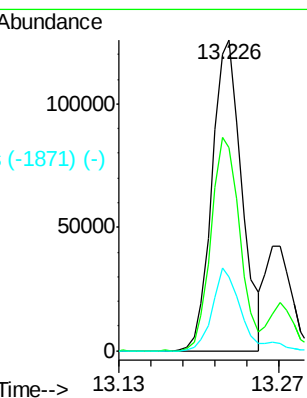
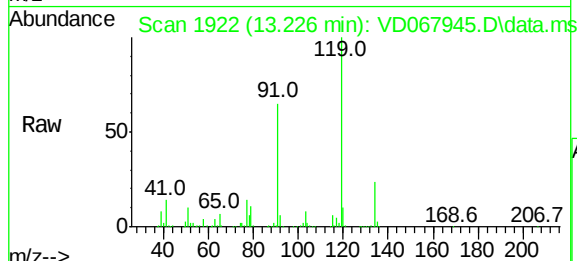
#13 (-)
tert-Butylbenzene
Concen: 19.45 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion:	119	Resp:	213938
Ion Ratio	Lower	Upper	
119	100		
91	66.6	32.7	98.1
134	26.0	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

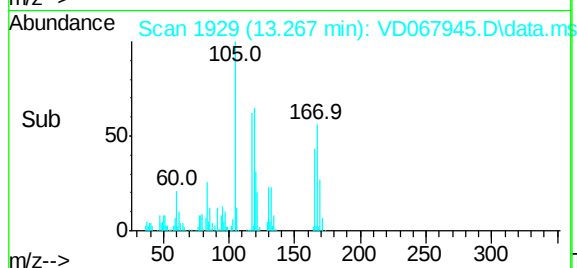
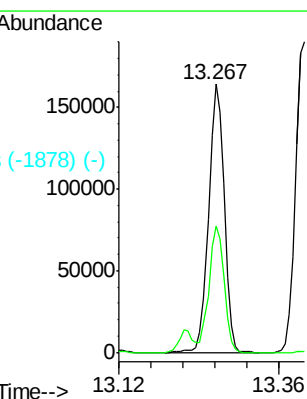
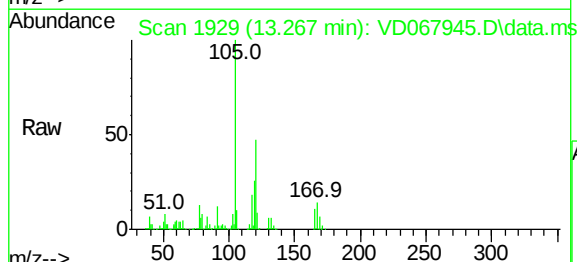
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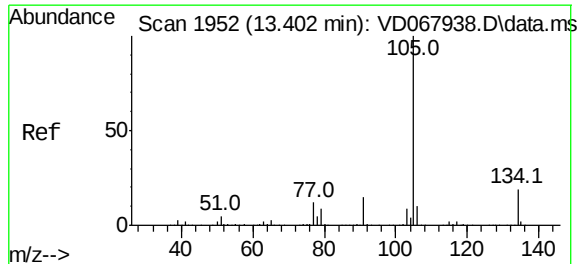
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12/28/2020 3:30:48 PM



#16 (-)
1,2,4-Trimethylbenzene
Concen: 19.73 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

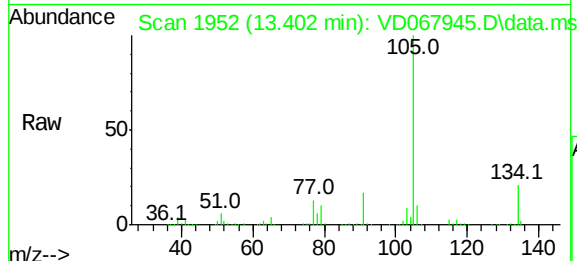
Tgt Ion:	105	Resp:	264544
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.7	68.0





#8543 (-)
 sec-Butylbenzene
 Concen: 19.25 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

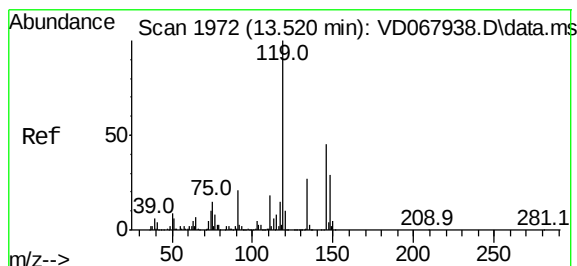
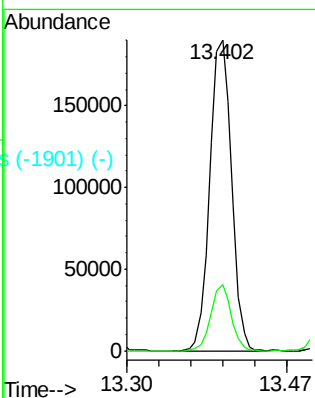
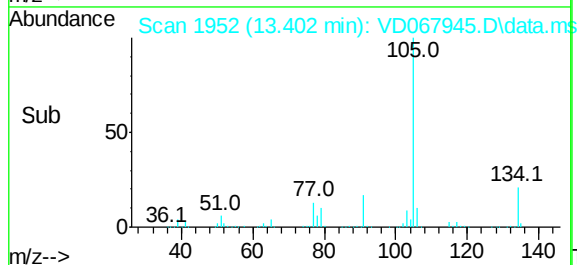
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01



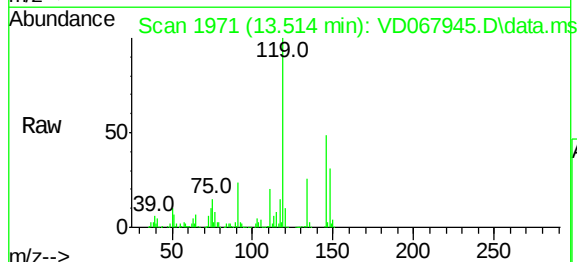
Tgt Ion:105 Resp: 309710
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1

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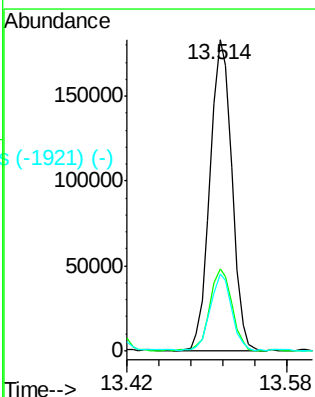
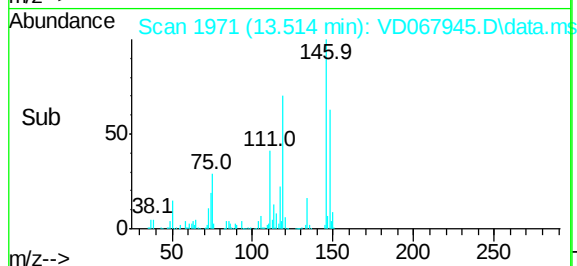
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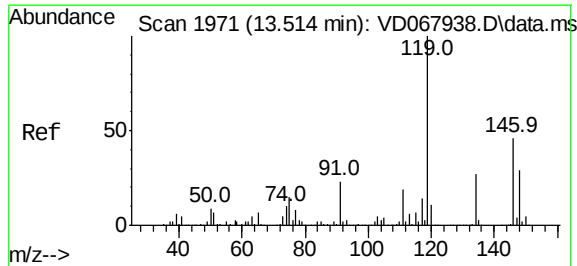


#8564 (-)
 p-Isopropyltoluene
 Concen: 19.70 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

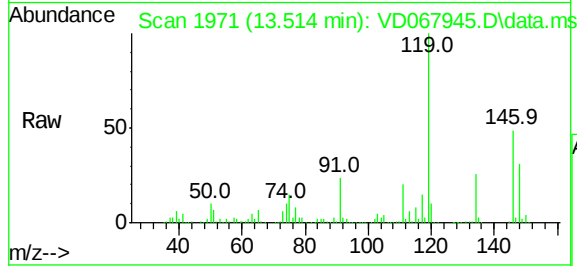


Tgt Ion:119 Resp: 278919
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 23.9 11.4 34.2

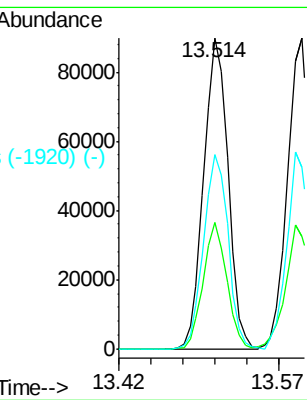
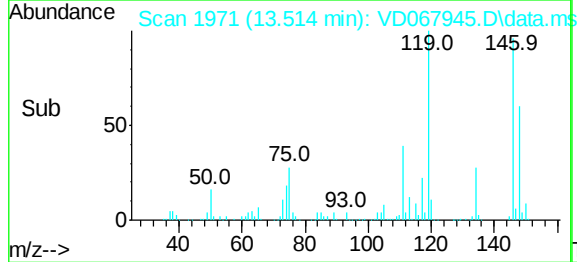




#863 (-)
1,3-Dichlorobenzene
Concen: 19.64 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



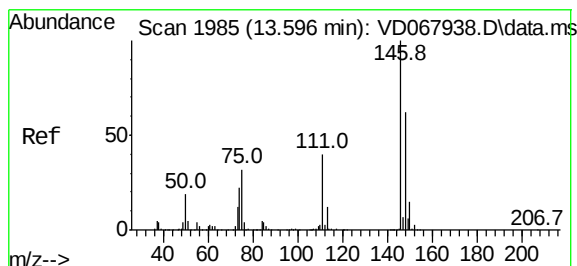
Tgt Ion:146 Resp: 143803
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 63.0 31.8 95.4



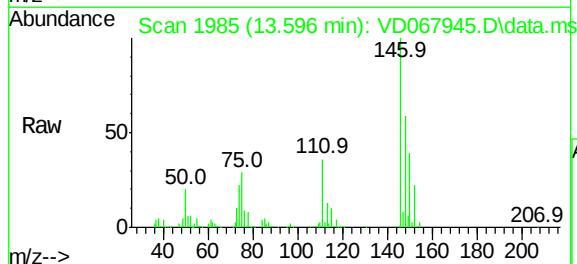
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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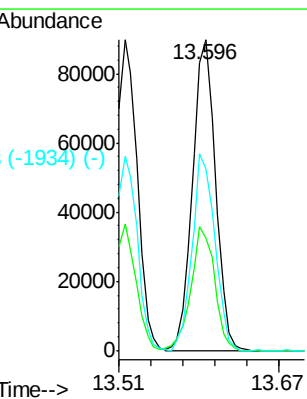
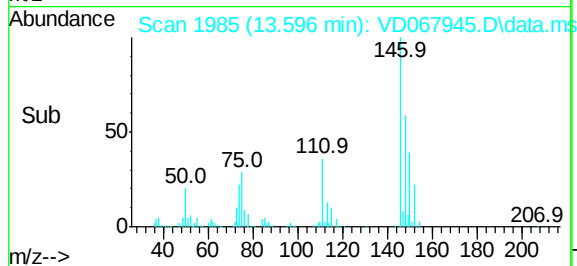
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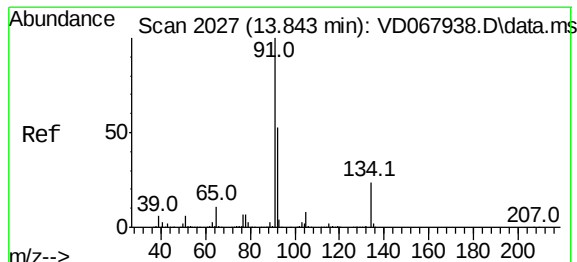


#868 (-)
1,4-Dichlorobenzene
Concen: 19.74 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



Tgt Ion:146 Resp: 142728
Ion Ratio Lower Upper
146 100
111 41.1 19.4 58.2
148 62.8 31.9 95.9





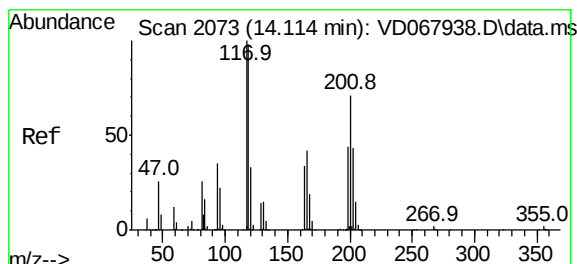
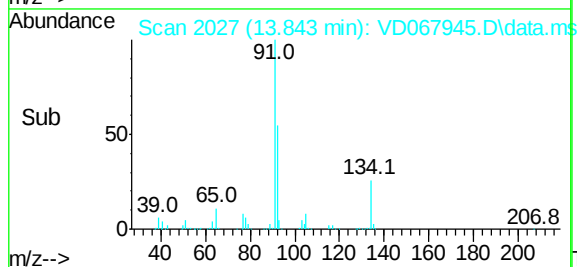
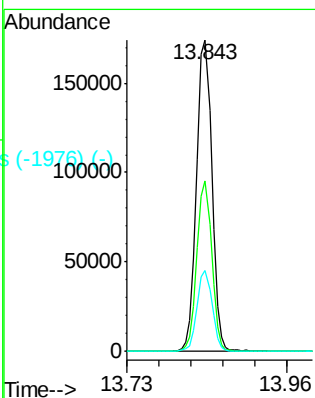
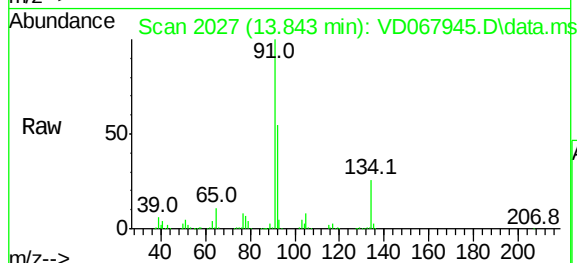
#9017 (-)
n-Butylbenzene
Concen: 19.16 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	25.0	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

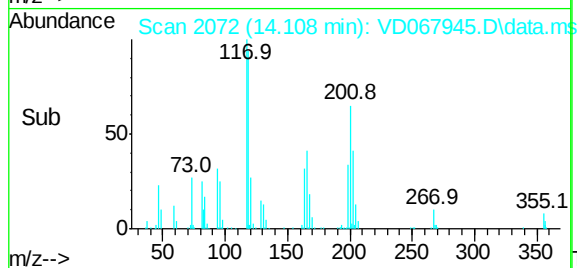
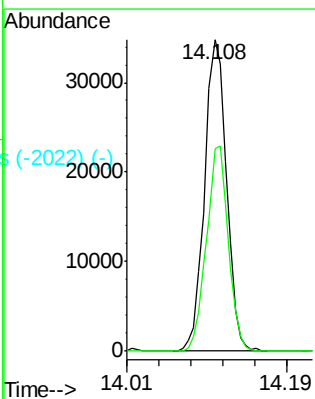
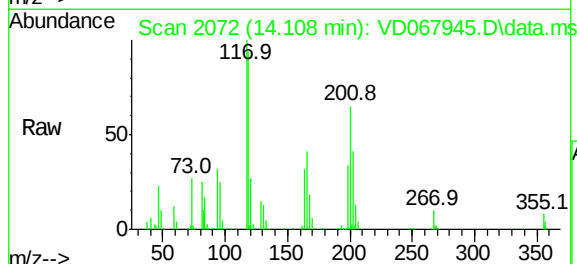
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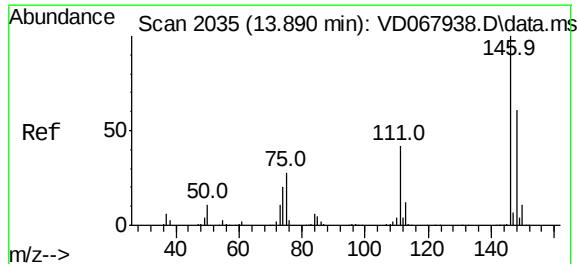
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#9064 (-)
Hexachloroethane
Concen: 20.02 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.6	34.3	102.8



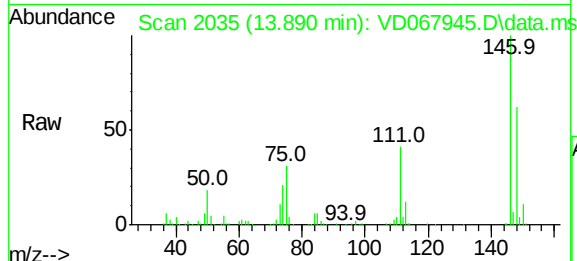


1,2-Dichlorobenzene
Concen: 20.04 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

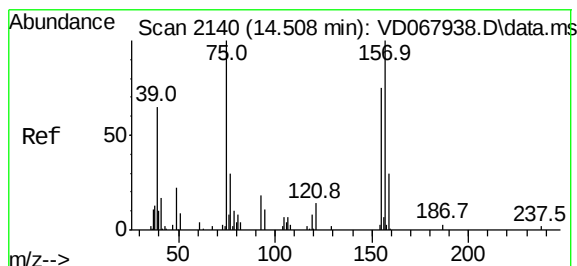
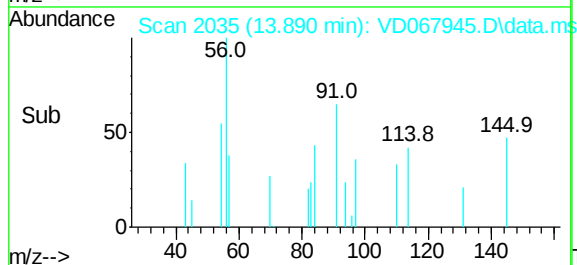
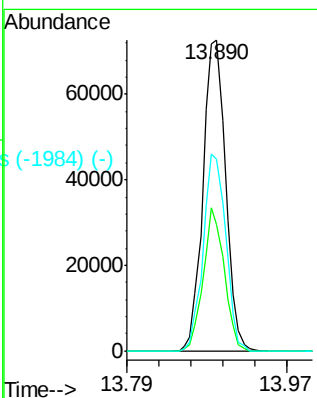
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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12/28/2020 3:30:48 PM

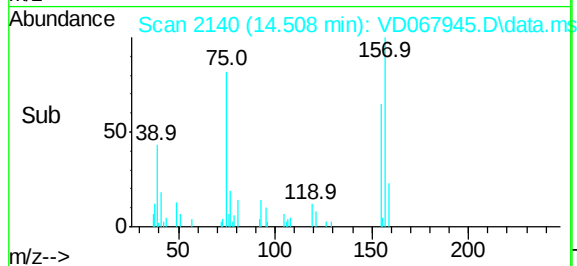
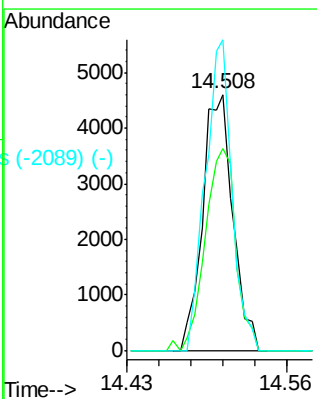
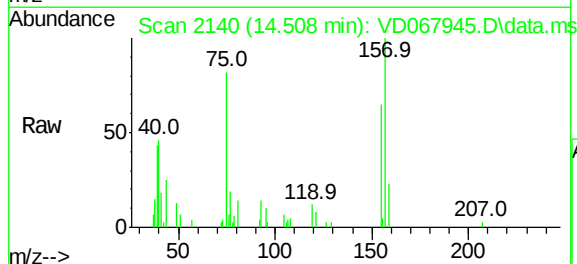


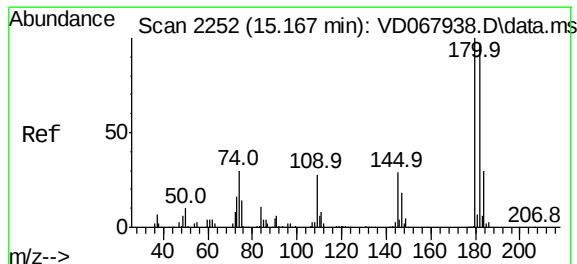
Tgt Ion:	146	Resp:	123505
Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.5
148	63.2	31.6	95.0



1,2-Dibromo-3-Chloropropane
Concen: 17.13 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

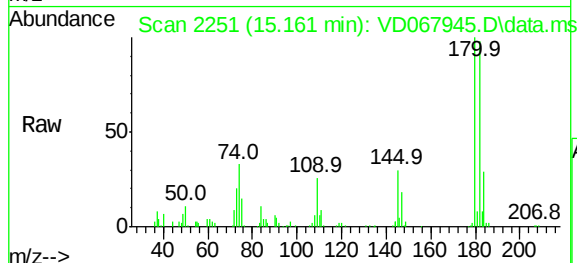
Tgt Ion:	75	Resp:	8008
Ion	Ratio	Lower	Upper
75	100		
155	80.0	39.8	119.3
157	106.8	50.6	151.9





#9342 (-)
 1,2,4-Trichlorobenzene
 Concen: 19.37 ug/l
 RT: 15.161 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

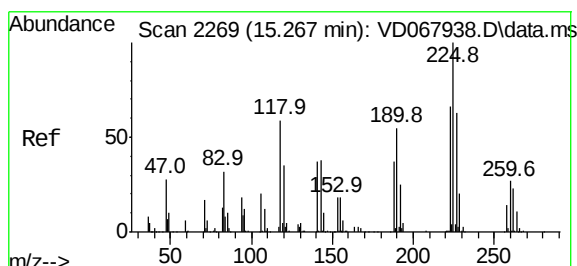
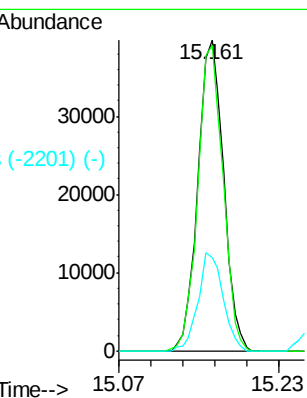
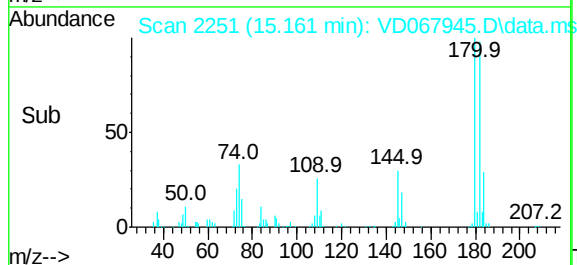


Tgt Ion:180 Resp: 70890

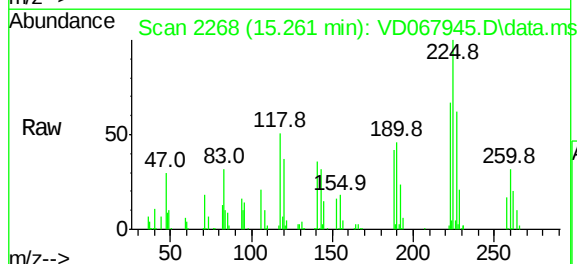
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.2
145	30.6	15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 12/28/2020 3:30:48 PM

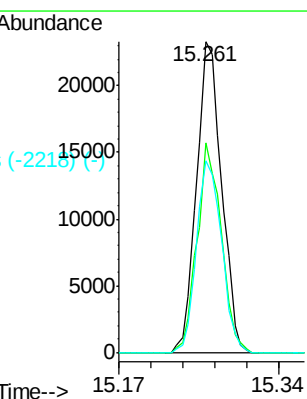
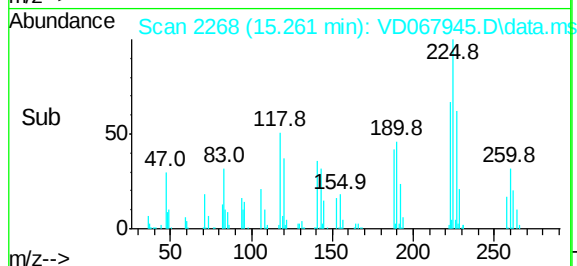


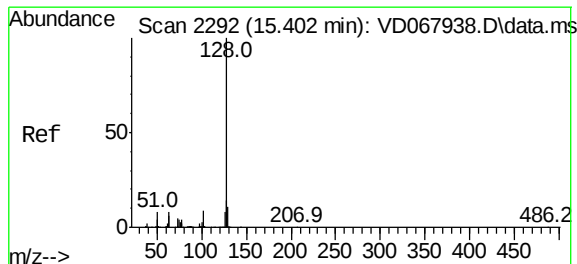
#9460 (-)
 Hexachlorobutadiene
 Concen: 18.88 ug/l
 RT: 15.261 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: VD067945.D
 Acq: 24 Dec 2020 14:49



Tgt Ion:225 Resp: 40434

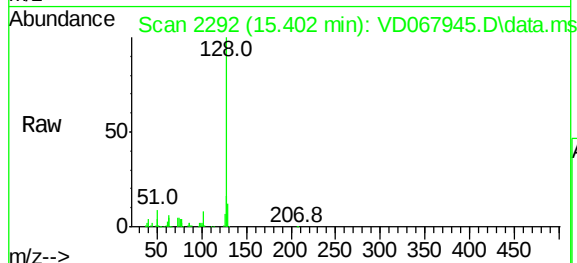
Ion	Ratio	Lower	Upper
225	100		
223	65.2	33.4	100.2
227	62.0	31.7	95.1





#953 (-)
Naphthalene
Concen: 18.50 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49

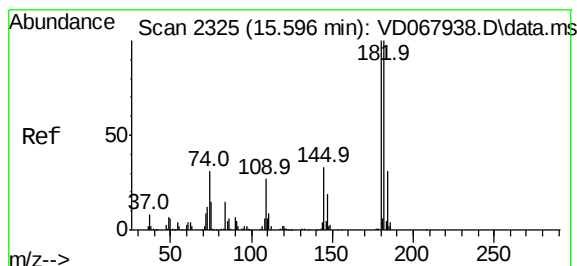
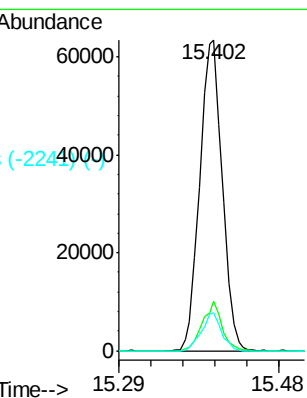
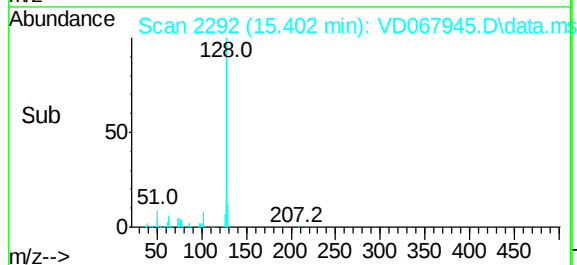
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



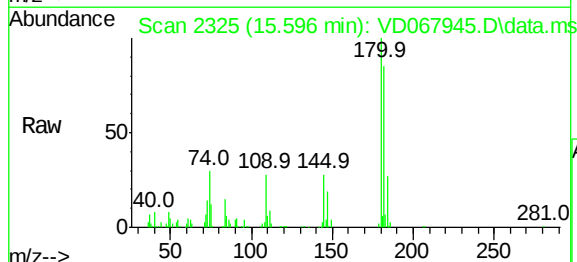
Tgt Ion:	128	Resp:	119649
Ion Ratio	Lower	Upper	
128	100		
127	14.0	11.2	16.8
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/28/2020 3:30:48 PM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 20.04 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067945.D
Acq: 24 Dec 2020 14:49



Tgt Ion:	180	Resp:	63372
Ion Ratio	Lower	Upper	
180	100		
182	89.5	50.2	150.6
145	33.9	17.0	51.0

