

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067946.D
 Acq On : 24 Dec 2020 15:16
 Operator : VA/SY
 Sample : VD1224SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBSD01

Manual Integrations
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 12/28/2020 3:30:49 PM

Quant Time: Dec 25 00:15:10 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	280577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	482080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	446940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	212241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	153668	50.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.44%
35) Dibromofluoromethane	7.914	113	153258	50.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.90%
50) Toluene-d8	10.343	98	560993	49.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.28%
62) 4-Bromofluorobenzene	12.631	95	191751	49.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	55995	19.59	ug/l	95
3) Chloromethane	2.208	50	73008	18.69	ug/l	95
4) Vinyl Chloride	2.350	62	69073	18.97	ug/l	89
5) Bromomethane	2.750	94	46420	17.07	ug/l	96
6) Chloroethane	2.920	64	41352	18.48	ug/l	96
7) Trichlorofluoromethane	3.273	101	112032	20.88	ug/l	96
8) Diethyl Ether	3.714	74	31340	20.37	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	65072	20.35	ug/l	98
10) Methyl Iodide	4.308	142	52214	18.62	ug/l	97
11) Tert butyl alcohol	5.220	59	29656	145.69	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	62142	20.26	ug/l	92
13) Acrolein	3.920	56	19786	91.76	ug/l	99
14) Allyl chloride	4.714	41	102680	18.82	ug/l	96
15) Acrylonitrile	5.426	53	73216	99.42	ug/l	98
16) Acetone	4.155	43	65461	113.16	ug/l	99
17) Carbon Disulfide	4.408	76	215175	20.13	ug/l	97
18) Methyl Acetate	4.714	43	33297	19.48	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	131236	20.58	ug/l	95
20) Methylene Chloride	4.961	84	86297	18.35	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	74871	20.42	ug/l	95
22) Diisopropyl ether	6.361	45	221457	20.16	ug/l	94
23) Vinyl Acetate	6.308	43	551983	98.85	ug/l	98
24) 1,1-Dichloroethane	6.267	63	132655	19.95	ug/l	96
25) 2-Butanone	7.214	43	88751	104.04	ug/l	98
26) 2,2-Dichloropropane	7.214	77	107431	20.50	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	76933	19.64	ug/l	99
28) Bromochloromethane	7.549	49	48742	19.44	ug/l	92
29) Tetrahydrofuran	7.561	42	57991	100.49	ug/l	100
30) Chloroform	7.714	83	133698	20.52	ug/l	94
31) Cyclohexane	7.985	56	120199	19.41	ug/l #	95
32) 1,1,1-Trichloroethane	7.902	97	112267	20.12	ug/l	97
36) 1,1-Dichloropropene	8.114	75	106008	20.69	ug/l	99
37) Ethyl Acetate	7.296	43	41687	20.11	ug/l	96
38) Carbon Tetrachloride	8.096	117	96569	19.73	ug/l	96
39) Methylcyclohexane	9.361	83	116694	19.86	ug/l	97
40) Benzene	8.355	78	294749	19.83	ug/l	97
41) Methacrylonitrile	7.526	41	20520	17.58	ug/l #	88

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 Quant Title : Sw846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	83960	20.95	ug/l	97
43) Isopropyl Acetate	8.455	43	77152	20.27	ug/l	97
44) Trichloroethene	9.114	130	76619	20.56	ug/l	90
45) 1,2-Dichloropropane	9.390	63	77152	20.39	ug/l	100
46) Dibromomethane	9.479	93	38755	21.07	ug/l	98
47) Bromodichloromethane	9.667	83	104871	21.13	ug/l	98
48) Methyl methacrylate	9.455	41	35381	17.99	ug/l #	84
49) 1,4-Dioxane	9.467	88	8585	427.47	ug/l #	88
51) 4-Methyl-2-Pentanone	10.232	43	204883	103.97	ug/l	99
52) Toluene	10.408	92	190070	20.71	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	94152	20.98	ug/l	92
54) cis-1,3-Dichloropropene	10.090	75	111832	20.14	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	52845	20.56	ug/l	98
56) Ethyl methacrylate	10.661	69	59327	20.54	ug/l	97
57) 1,3-Dichloropropane	10.949	76	93408	20.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	128791	88.61	ug/l	98
59) 2-Hexanone	10.985	43	136162	105.14	ug/l	98
60) Dibromochloromethane	11.143	129	68820	21.61	ug/l	99
61) 1,2-Dibromoethane	11.249	107	51061	20.70	ug/l	97
64) Tetrachloroethene	10.879	164	64695	20.63	ug/l	96
65) Chlorobenzene	11.673	112	188470	19.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	71315	20.72	ug/l	97
67) Ethyl Benzene	11.749	91	338618	19.69	ug/l	99
68) m/p-Xylenes	11.855	106	265026	40.44	ug/l	99
69) o-Xylene	12.179	106	115240	19.65	ug/l	100
70) Styrene	12.196	104	204932	20.23	ug/l	99
71) Bromoform	12.361	173	35411	20.36	ug/l #	99
73) Isopropylbenzene	12.479	105	316777	20.11	ug/l	99
74) N-ethyl acetate	12.290	43	70652	19.76	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	61412	21.01	ug/l	98
76) 1,2,3-Trichloropropane	12.784	75	36929m	20.67	ug/l	
77) Bromobenzene	12.761	156	73420	20.38	ug/l	96
78) n-propylbenzene	12.820	91	403419	20.60	ug/l	99
79) 2-Chlorotoluene	12.908	91	222970	20.15	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	270714	20.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.531	75	19010	21.81	ug/l	96
82) 4-Chlorotoluene	13.002	91	240284	20.67	ug/l	100
83) tert-Butylbenzene	13.226	119	220100	20.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	276164	21.05	ug/l	99
85) sec-Butylbenzene	13.402	105	324607	20.62	ug/l	99
86) p-Isopropyltoluene	13.514	119	283538	20.46	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	148780	20.77	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	145773	20.60	ug/l	97
89) n-Butylbenzene	13.843	91	276707	20.13	ug/l	98
90) Hexachloroethane	14.108	117	58115	20.53	ug/l	97
91) 1,2-Dichlorobenzene	13.890	146	127399	21.12	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	10439	22.82	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	74864	20.90	ug/l	96
94) Hexachlorobutadiene	15.267	225	44137	21.06	ug/l	95
95) Naphthalene	15.396	128	127145	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	64749	20.92	ug/l	93

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

Instrument :

MSVOA_D

ClientSampleId :

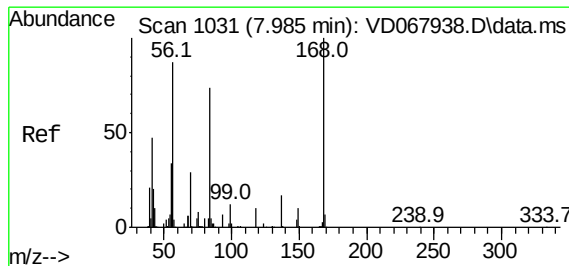
VD1224SBSD01

Manual Integrations

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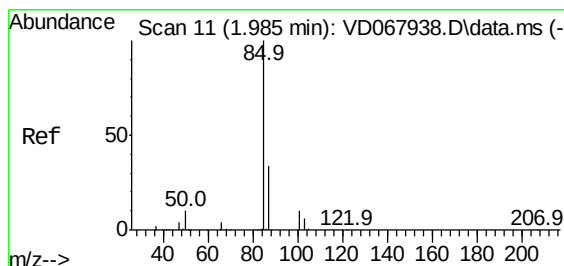
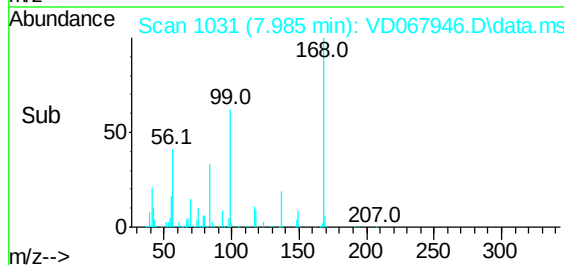
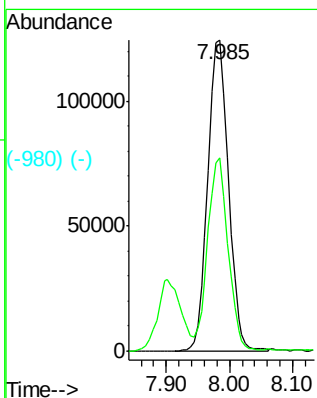
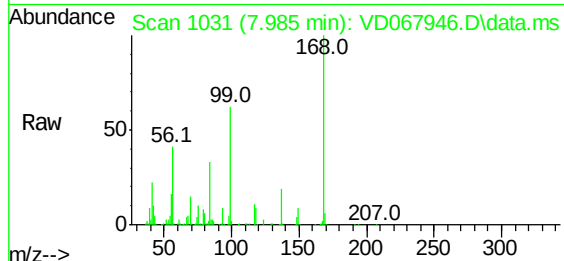
#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:168 Resp: 280577
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0

Instrument :
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VD1224SBSD01

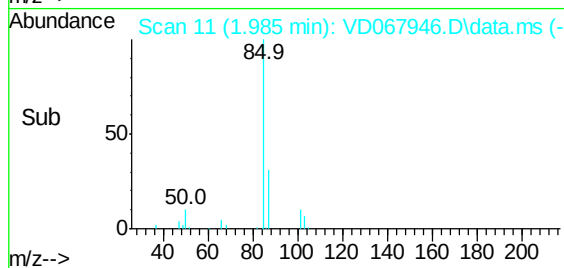
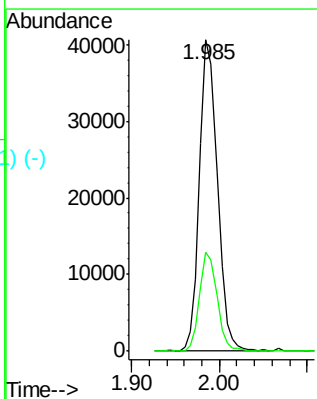
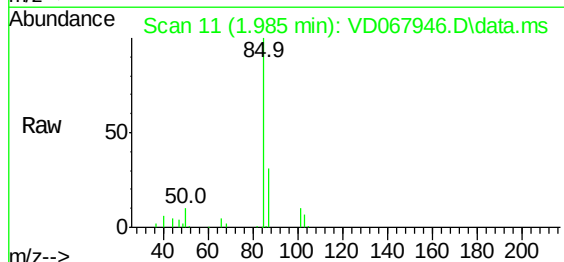
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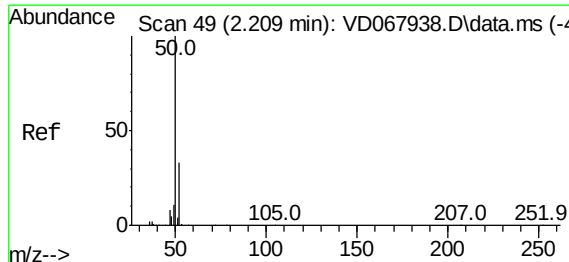
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#2
Dichlorodifluoromethane
Concen: 19.59 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 85 Resp: 55995
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.3





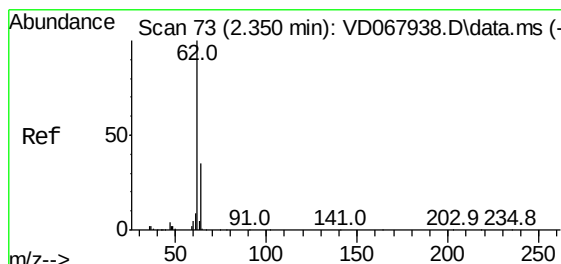
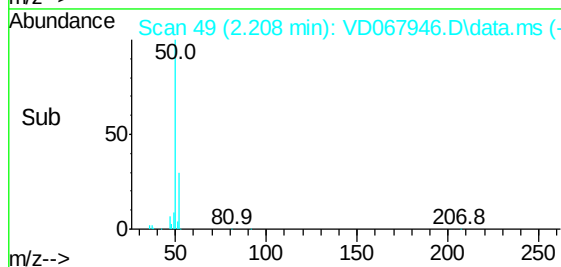
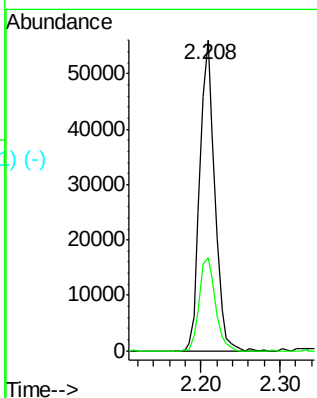
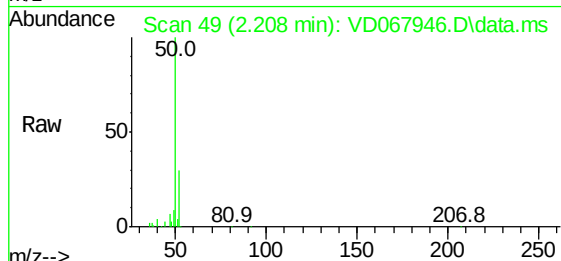
Chloromethane
 Concen: 18.69 ug/l
 RT: 2.208 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 50 Resp: 73008
 Ion Ratio Lower Upper
 50 100
 52 29.8 26.2 39.4

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 VD1224SBSD01

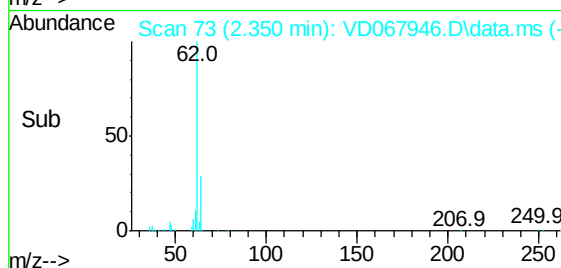
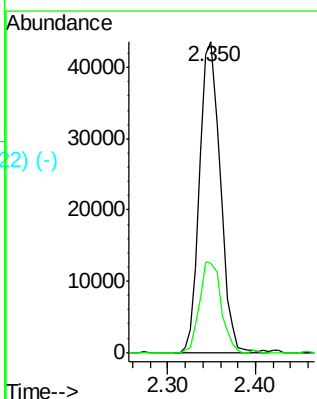
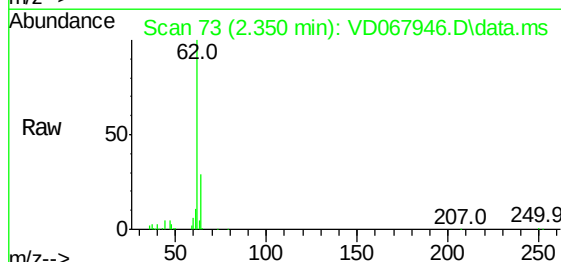
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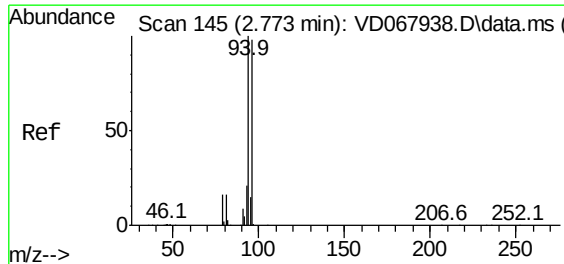
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Vinyl Chloride
 Concen: 18.97 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

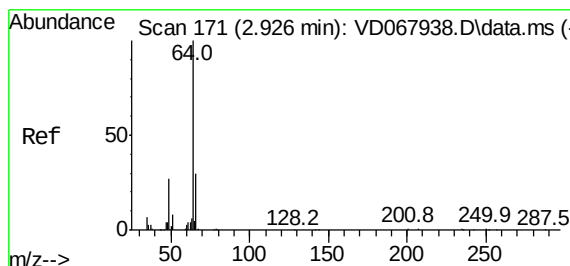
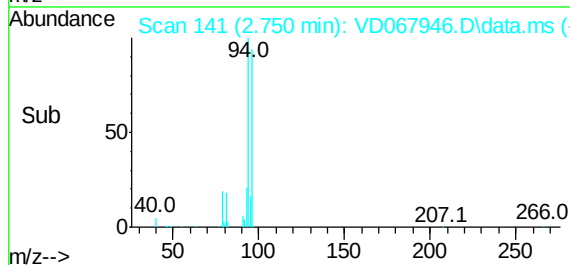
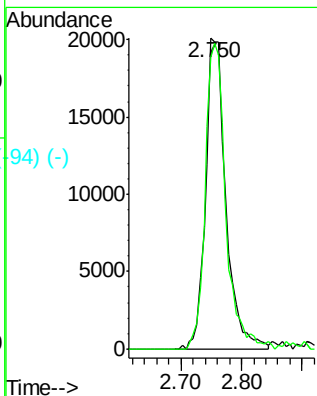
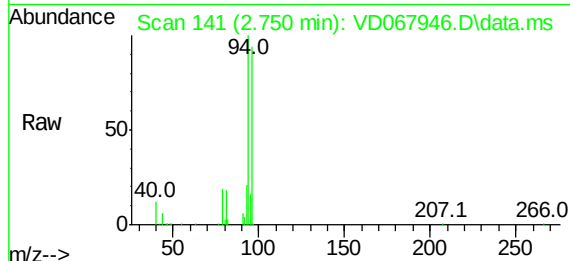
Tgt Ion: 62 Resp: 69073
 Ion Ratio Lower Upper
 62 100
 64 28.7 28.1 42.1





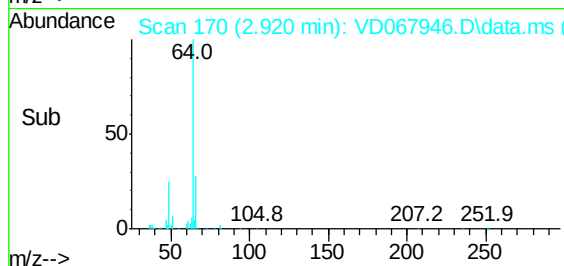
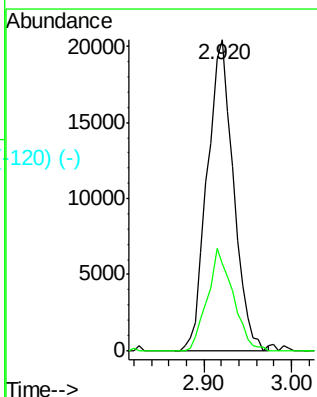
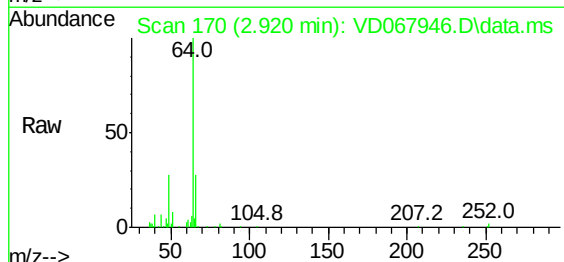
Bromomethane
Concen: 17.07 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.023 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 94 Resp: 46420
Ion Ratio Lower Upper
94 100
96 93.9 78.0 117.0



Chloroethane
Concen: 18.48 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

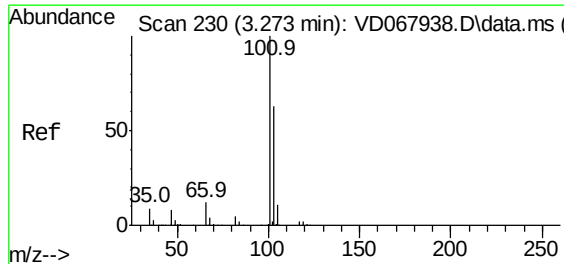
Tgt Ion: 64 Resp: 41352
Ion Ratio Lower Upper
64 100
66 27.9 24.1 36.1



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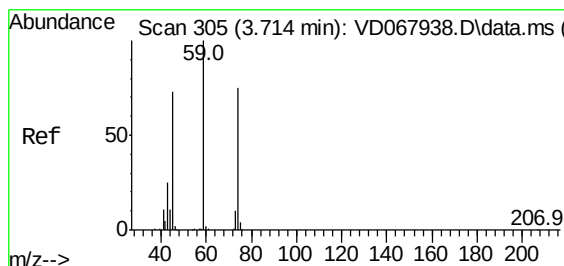
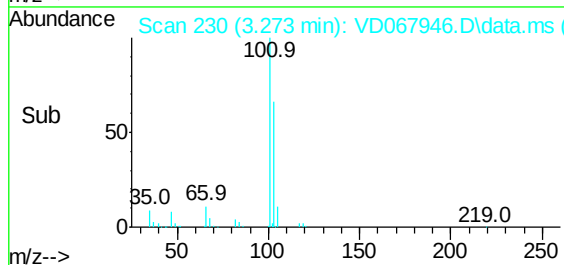
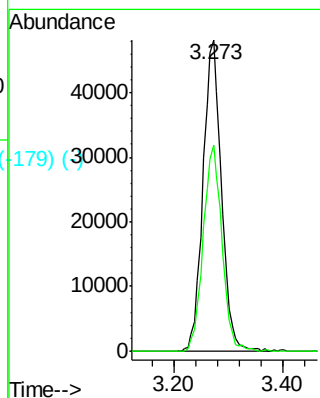
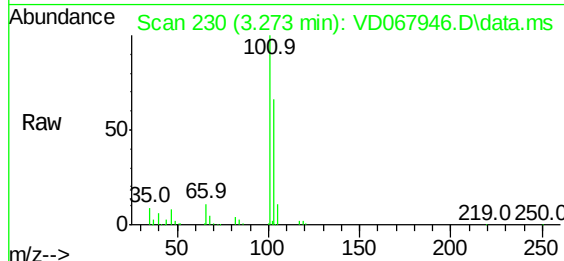
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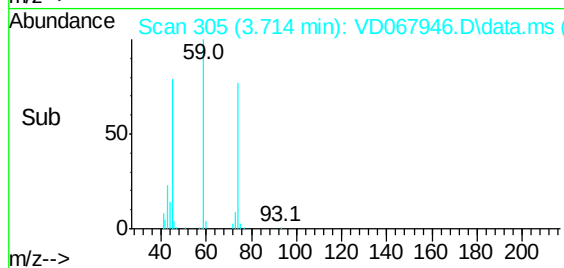
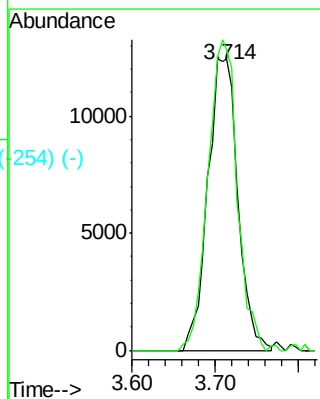
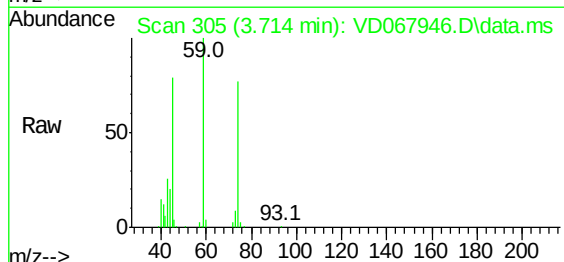
Trichlorofluoromethane
Concen: 20.88 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 101 Resp: 112032
Ion Ratio Lower Upper
101 100
103 66.1 50.4 75.6



Diethyl Ether
Concen: 20.37 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

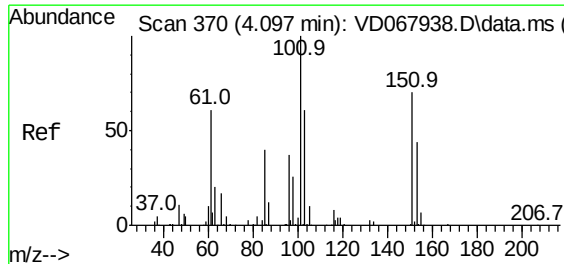
Tgt Ion: 74 Resp: 31340
Ion Ratio Lower Upper
74 100
45 103.7 51.8 155.5



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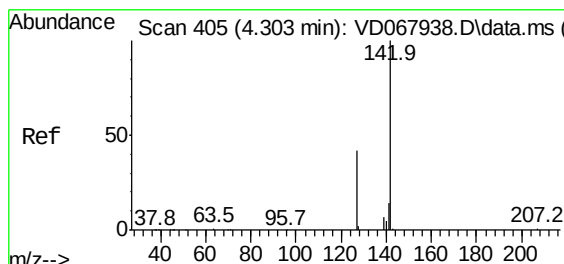
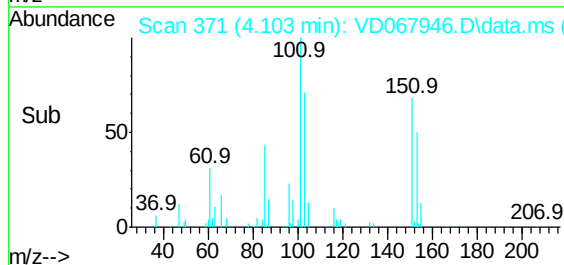
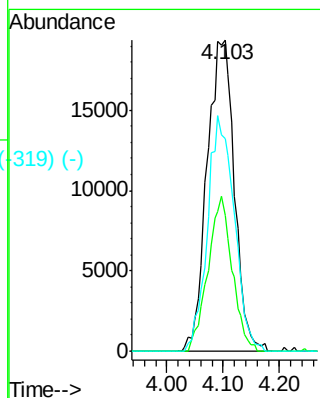
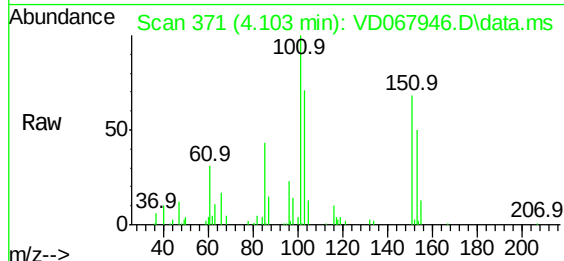
1,1,2-Trichlorotrifluoroethane
 Concen: 20.35 ug/l
 RT: 4.103 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion:	101	Resp:	65072
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.2
151	74.3	57.6	86.4

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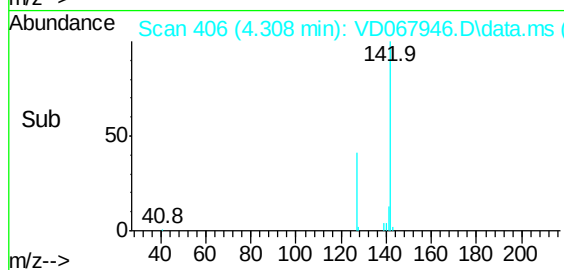
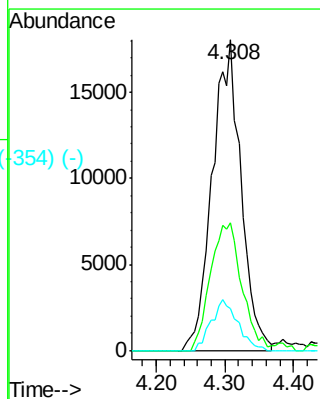
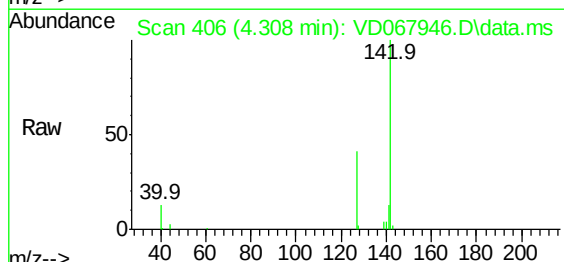
Manual Integrations
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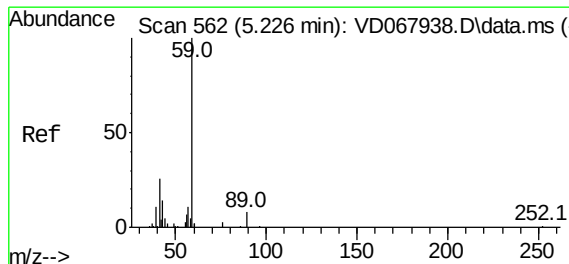
MMDadoda
 12/28/2020 3:30:49 PM



Methyl Iodide
 Concen: 18.62 ug/l
 RT: 4.308 min Scan# 406
 Delta R.T. 0.005 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion:	142	Resp:	52214
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.4	51.6
141	15.2	11.8	17.8





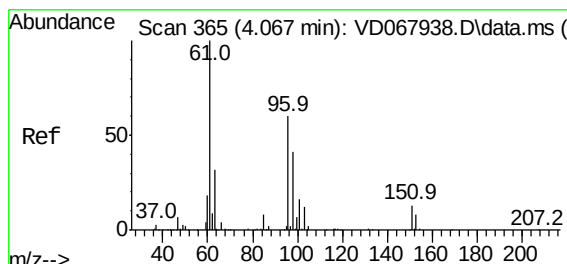
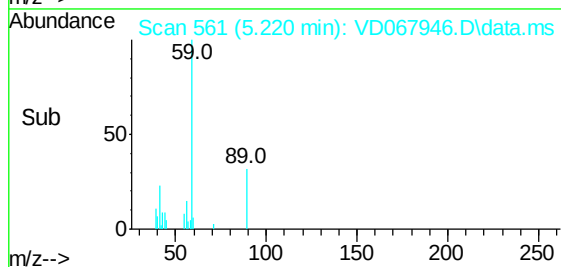
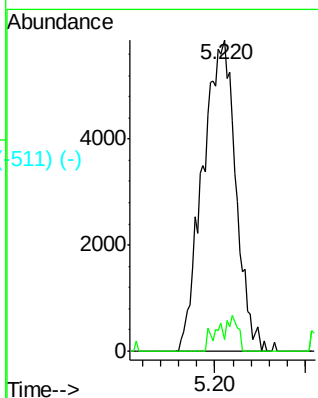
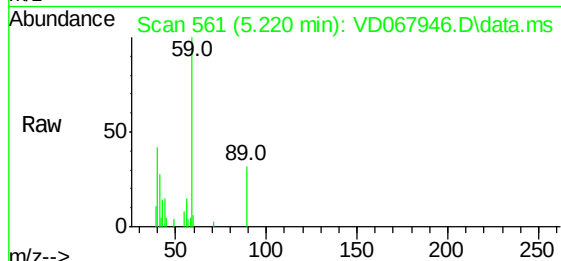
Tert butyl alcohol
 Concen: 145.69 ug/l
 RT: 5.220 min Scan# 561
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 59 Resp: 29656
 Ion Ratio Lower Upper
 59 100
 57 3.7 7.4 11.2#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

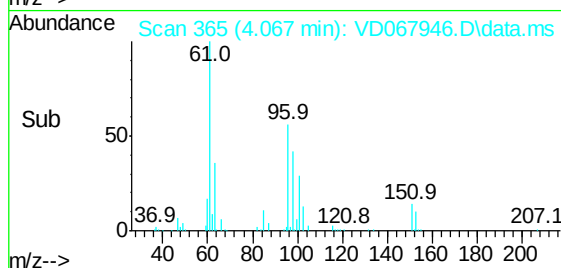
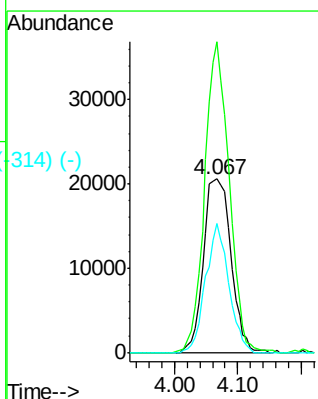
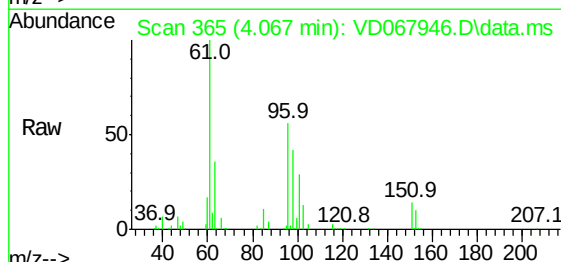
Manual Integrations
 APPROVED

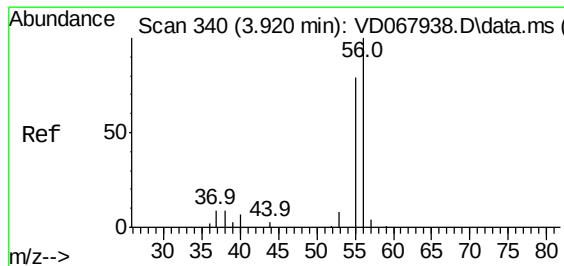
MMDadoda
 12/28/2020 3:30:49 PM



1,1-Dichloroethene
 Concen: 20.26 ug/l
 RT: 4.067 min Scan# 365
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 96 Resp: 62142
 Ion Ratio Lower Upper
 96 100
 61 178.4 133.6 200.4
 98 74.6 54.8 82.2





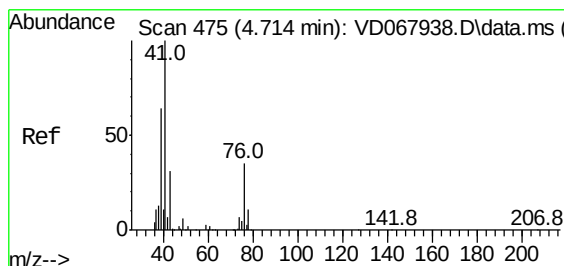
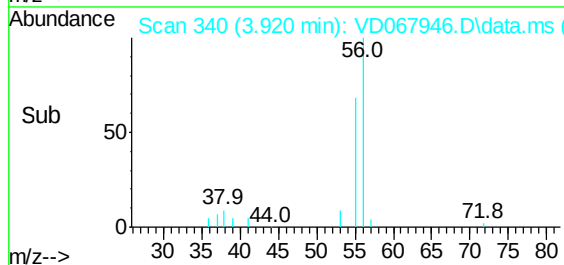
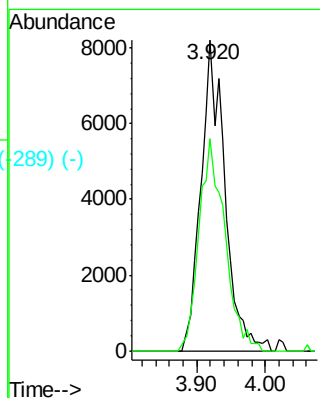
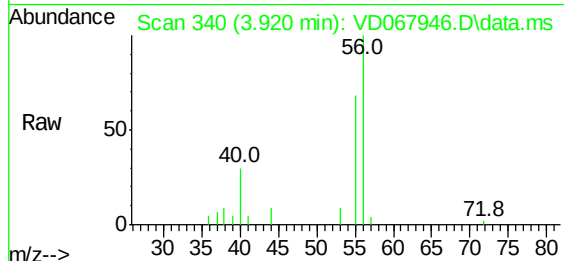
Acrolein
Concen: 91.76 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 56 Resp: 19786
Ion Ratio Lower Upper
56 100
55 73.7 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

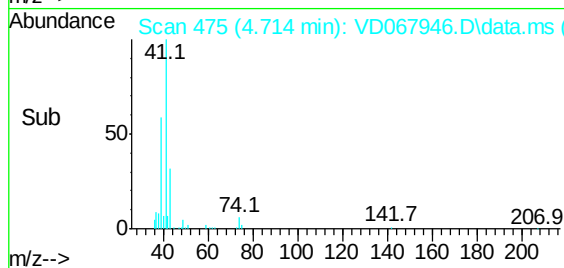
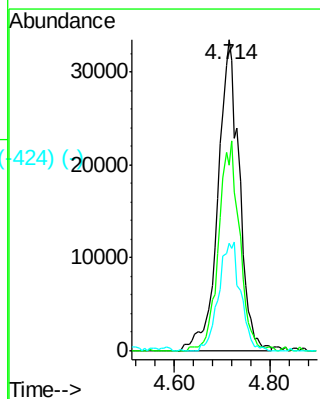
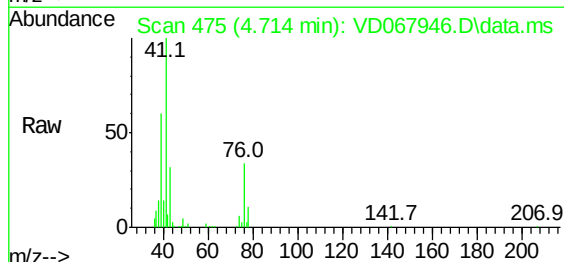
Manual Integrations
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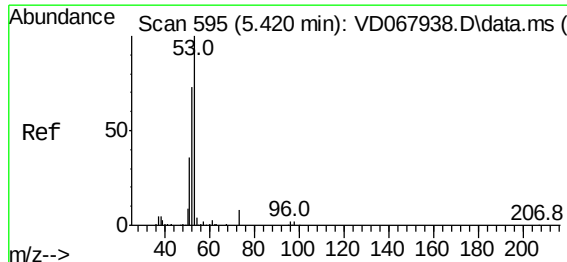
MMDadoda
12/28/2020 3:30:49 PM



Allyl chloride
Concen: 18.82 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 41 Resp: 102680
Ion Ratio Lower Upper
41 100
39 65.7 50.5 75.7
76 36.0 27.0 40.4





Acrylonitrile
Concen: 99.42 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

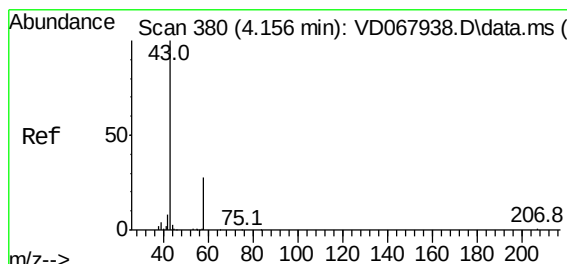
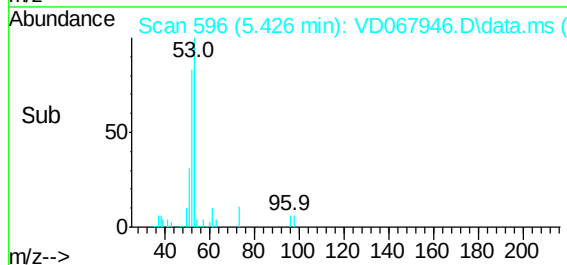
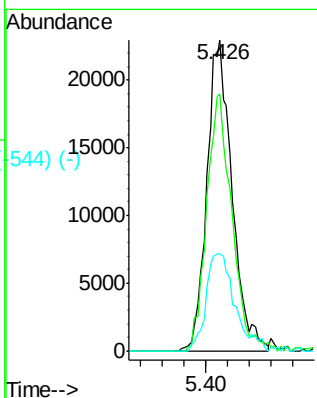
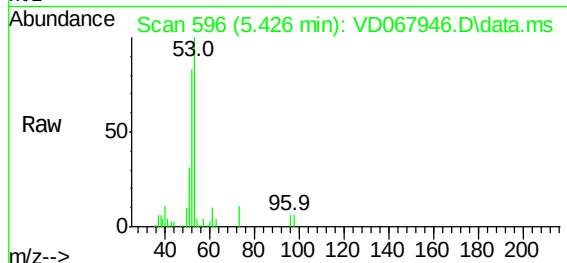
Tgt Ion: 53 Resp: 73216

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	35.7	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
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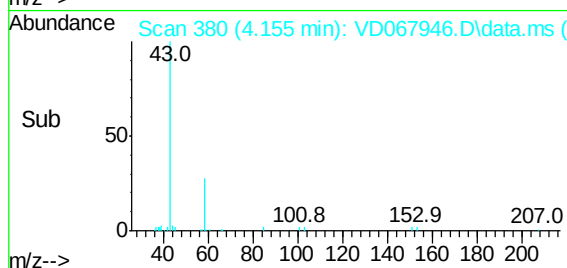
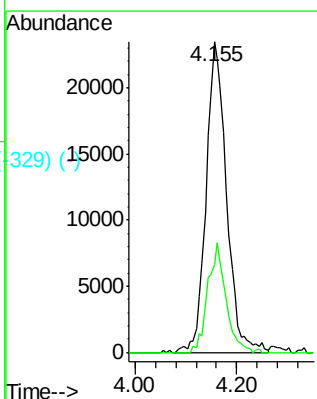
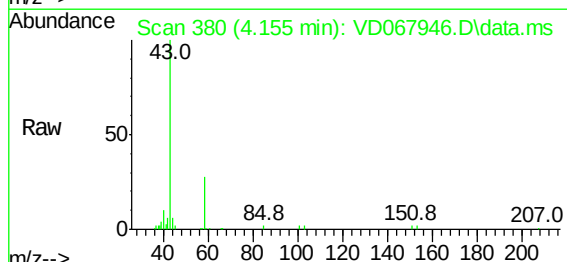
MMDadoda
12/28/2020 3:30:49 PM

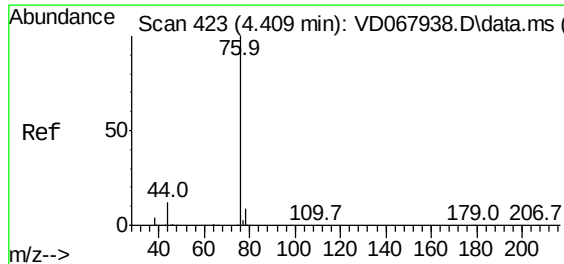


Acetone
Concen: 113.16 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 43 Resp: 65461

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.3	33.5





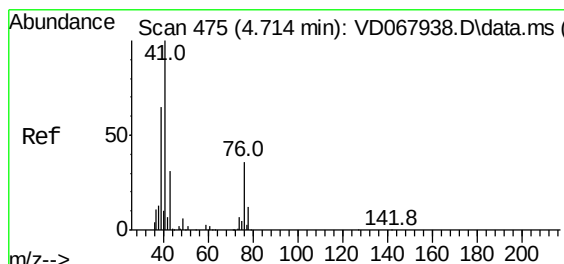
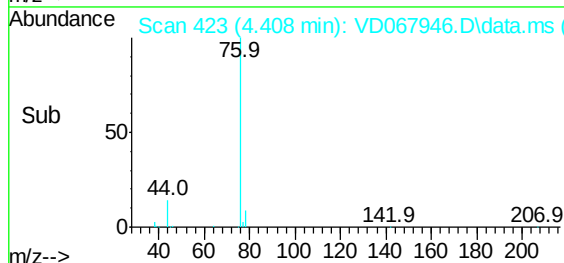
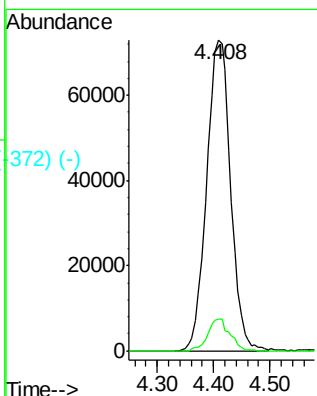
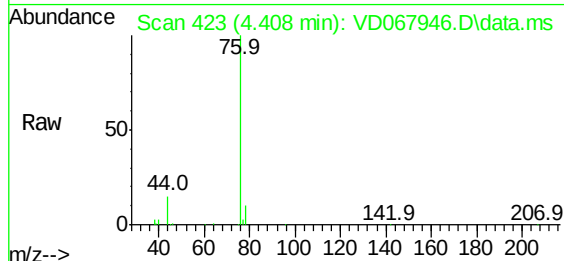
Carbon Disulfide
Concen: 20.13 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 76 Resp: 215175
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

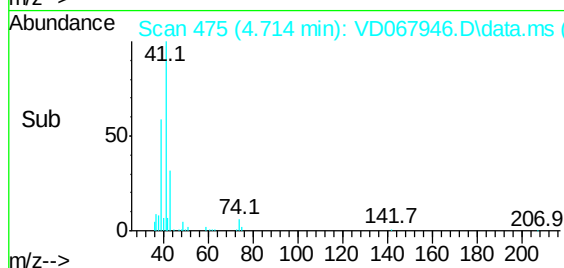
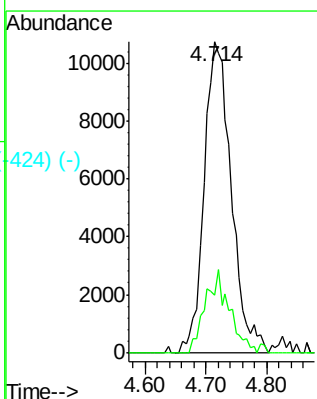
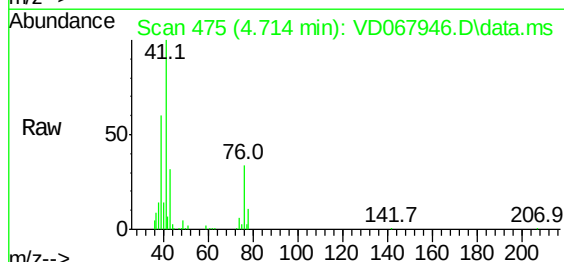
Manual Integrations
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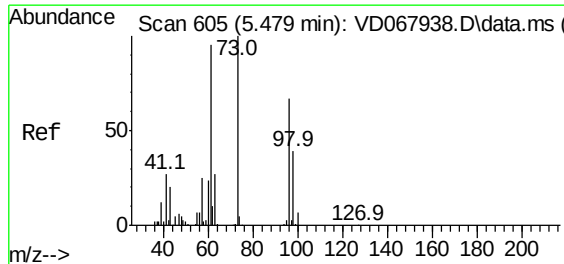
MMDadoda
12/28/2020 3:30:49 PM



Methyl Acetate
Concen: 19.48 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 43 Resp: 33297
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2





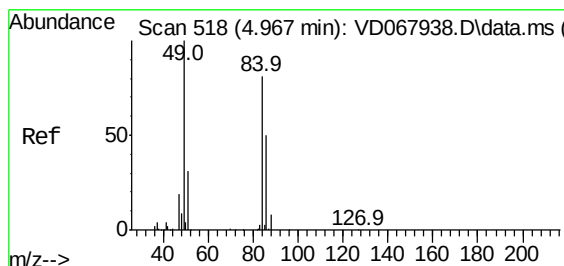
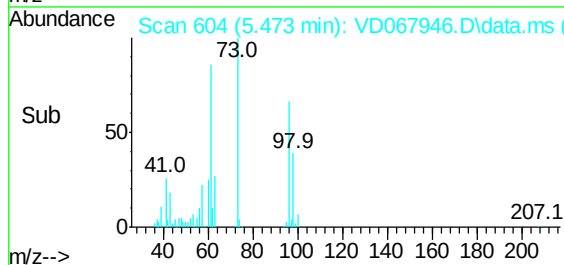
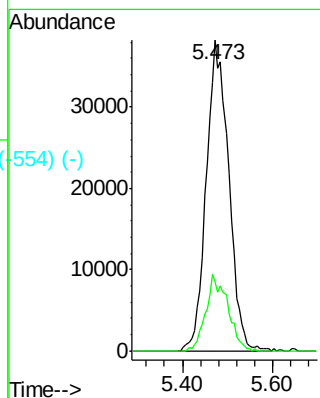
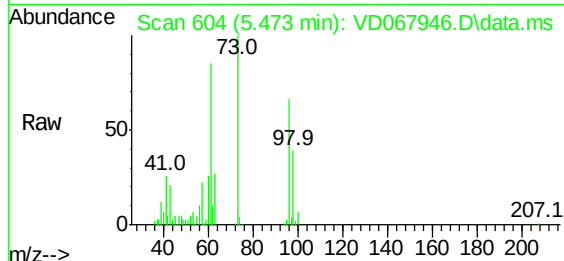
Methyl tert-butyl Ether
 Concen: 20.58 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 73 Resp: 131236
 Ion Ratio Lower Upper
 73 100
 57 22.0 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

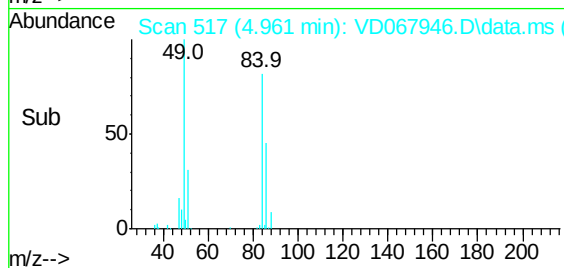
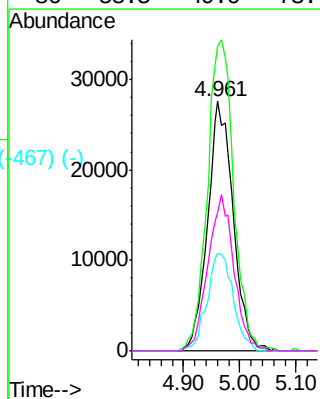
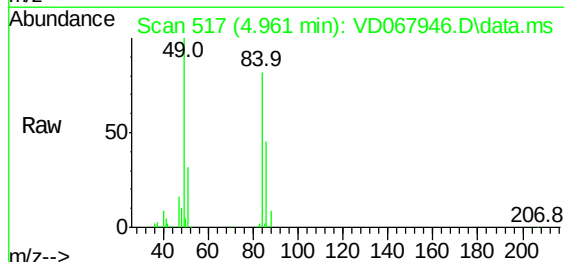
Manual Integrations
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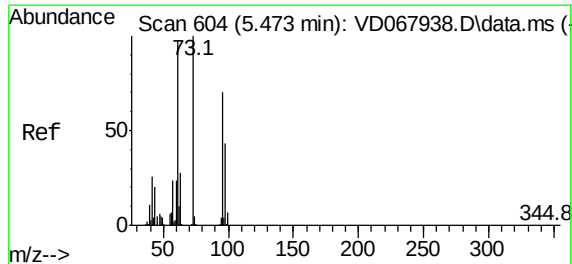
MMDadoda
 12/28/2020 3:30:49 PM



Methylene Chloride
 Concen: 18.35 ug/l
 RT: 4.961 min Scan# 517
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 84 Resp: 86297
 Ion Ratio Lower Upper
 84 100
 49 122.1 98.3 147.5
 51 39.0 30.3 45.5
 86 55.5 49.0 73.4





trans-1,2-Dichloroethene
Concen: 20.42 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

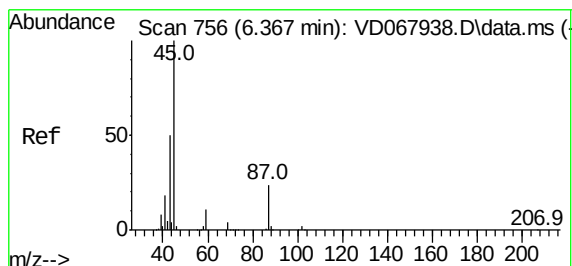
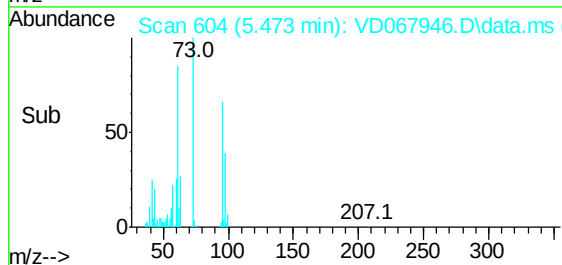
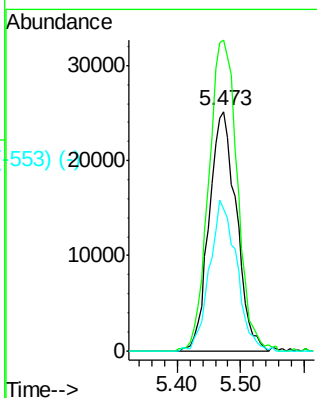
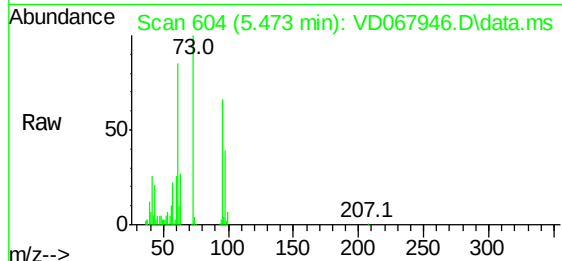
Tgt Ion: 96 Resp: 74871

Ion	Ratio	Lower	Upper
96	100		
61	129.9	109.9	164.9
98	59.5	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

Manual Integrations
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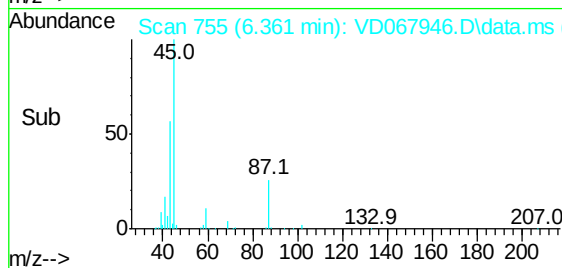
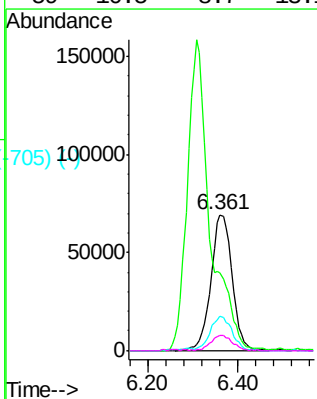
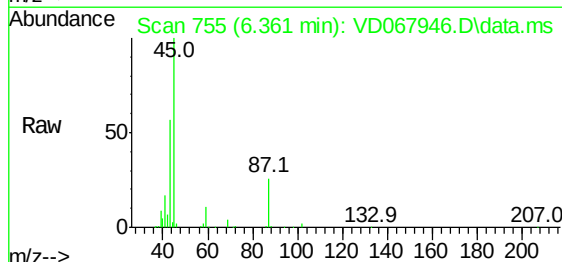
MMDadoda
12/28/2020 3:30:49 PM

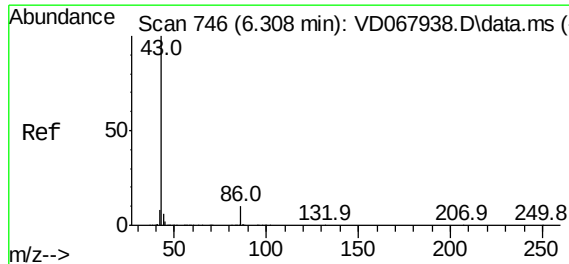


Diisopropyl ether
Concen: 20.16 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 45 Resp: 221457

Ion	Ratio	Lower	Upper
45	100		
43	55.9	40.2	60.4
87	25.6	19.2	28.8
59	10.5	8.7	13.1





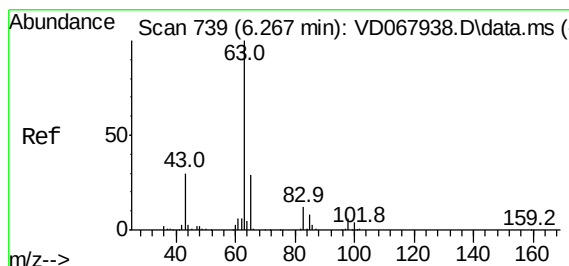
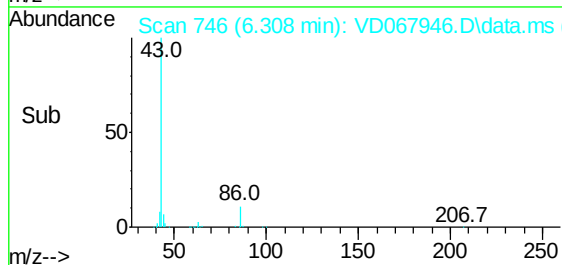
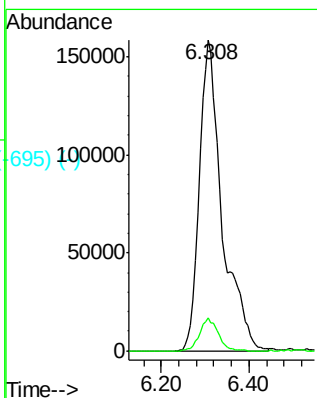
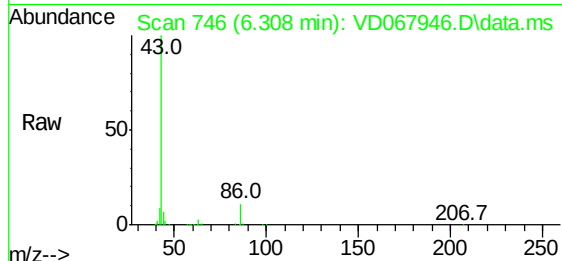
Vinyl Acetate
Concen: 98.85 ug/l
RT: 6.308 min Scan# 746
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 43 Resp: 551983
Ion Ratio Lower Upper
43 100
86 10.8 7.9 11.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

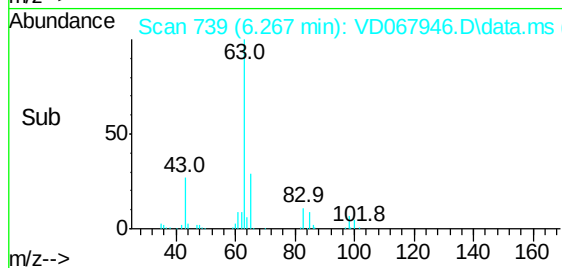
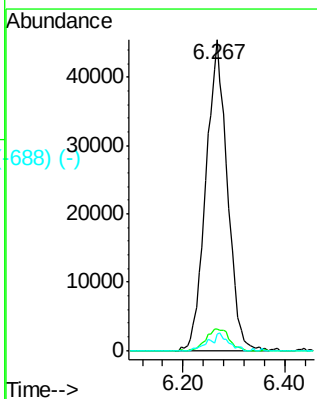
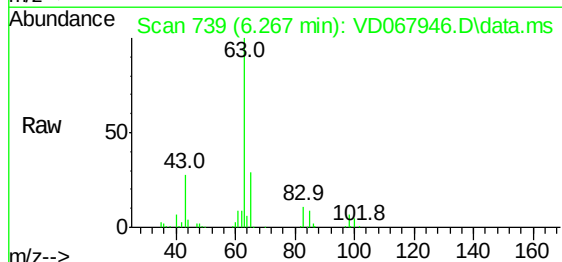
Manual Integrations
APPROVED

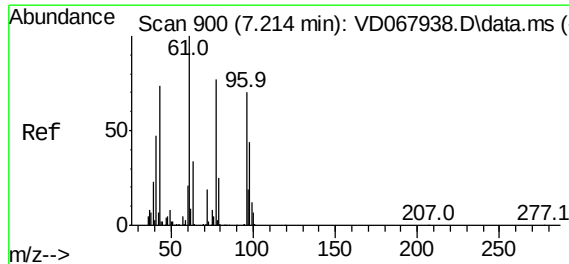
MMDadoda
12/28/2020 3:30:49 PM



1,1-Dichloroethane
Concen: 19.95 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 63 Resp: 132655
Ion Ratio Lower Upper
63 100
98 7.1 2.9 8.6
100 5.2 1.9 5.7





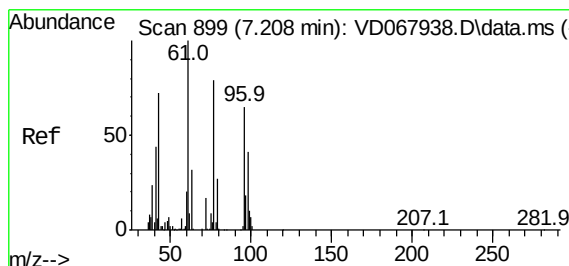
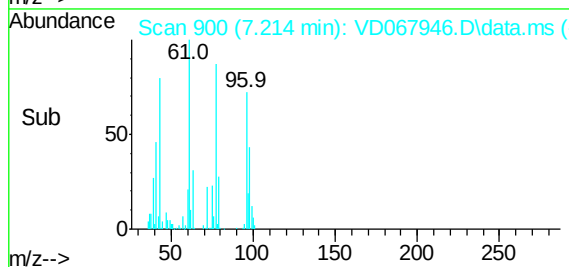
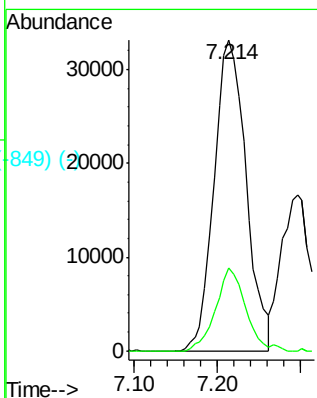
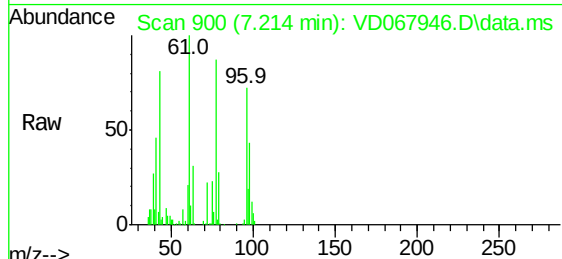
2-Butanone
Concen: 104.04 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 43 Resp: 88751
Ion Ratio Lower Upper
43 100
72 26.8 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

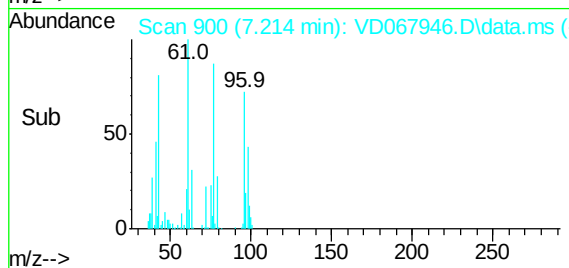
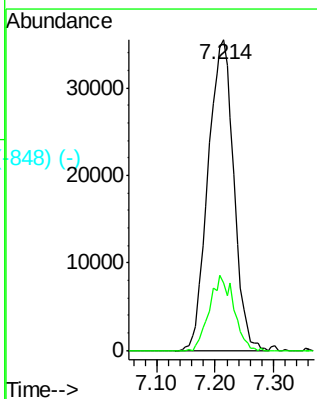
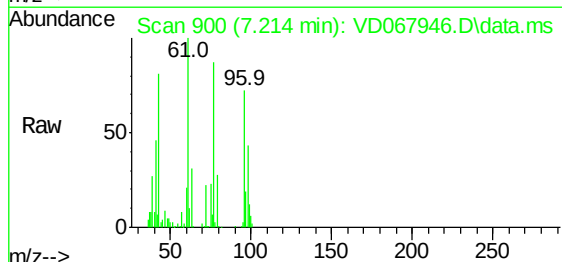
Manual Integrations
APPROVED

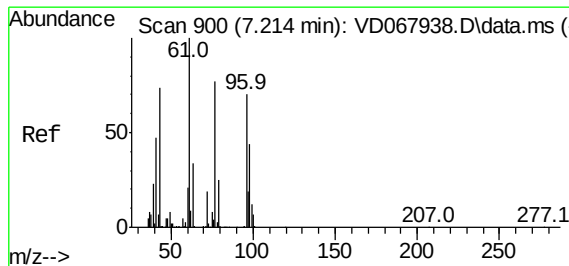
MMDadoda
12/28/2020 3:30:49 PM



2,2-Dichloropropane
Concen: 20.50 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 77 Resp: 107431
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





cis-1,2-Dichloroethene
Concen: 19.64 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

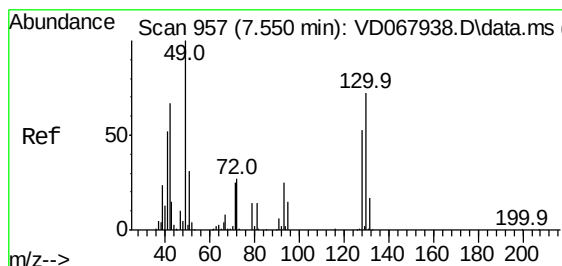
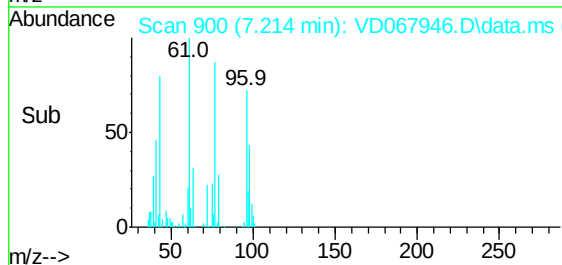
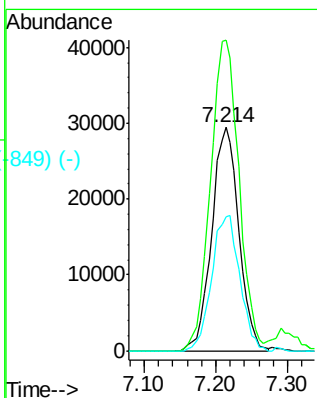
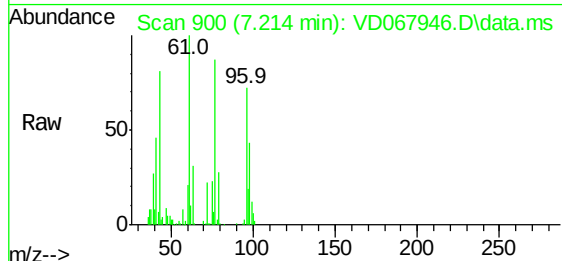
Tgt Ion: 96 Resp: 76933

Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	295.4
98	62.8	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

Manual Integrations
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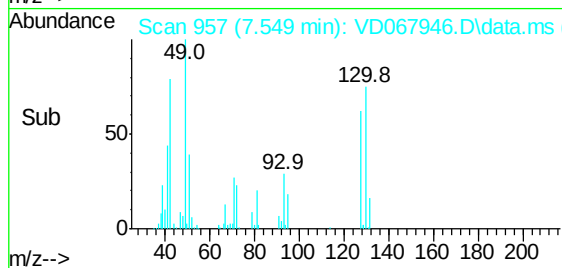
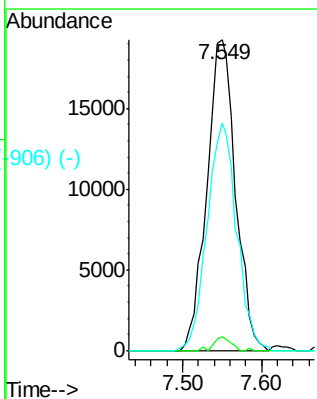
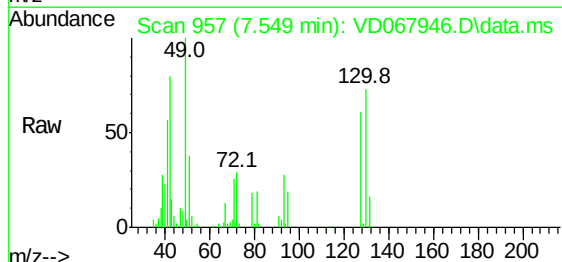
MMDadoda
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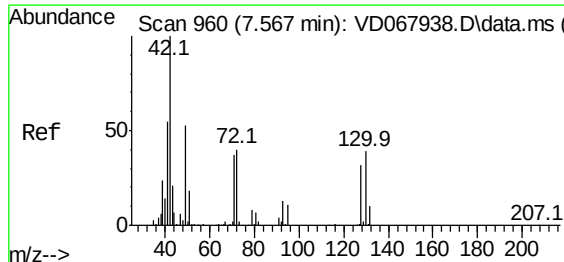


Bromochloromethane
Concen: 19.44 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 49 Resp: 48742

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	74.9	54.8	82.2





Tetrahydrofuran
Concen: 100.49 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

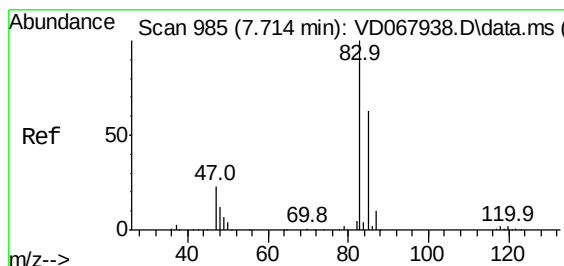
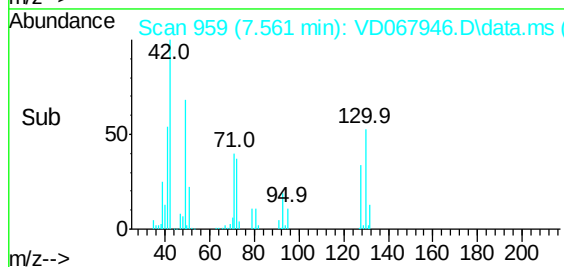
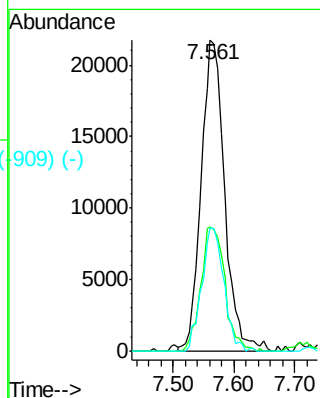
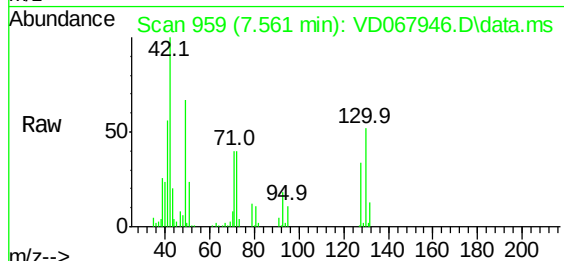
Tgt Ion: 42 Resp: 57991

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.9	49.3
71	37.6	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
APPROVED

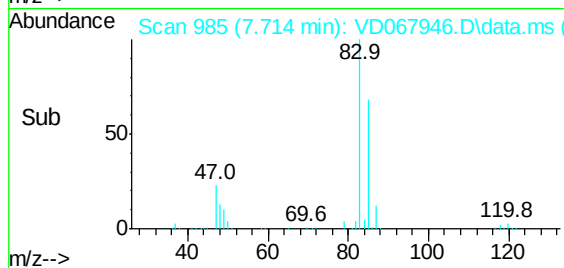
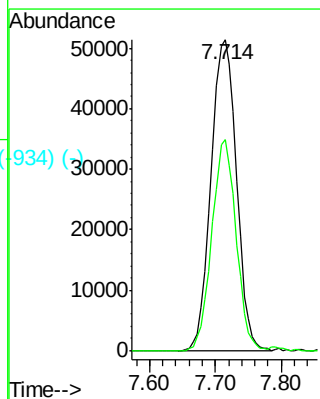
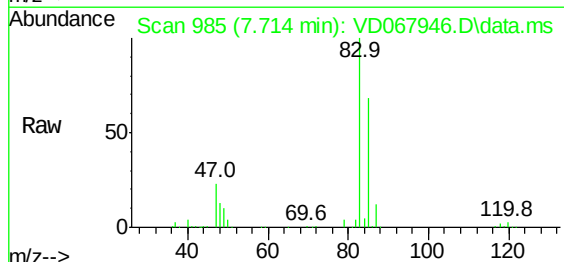
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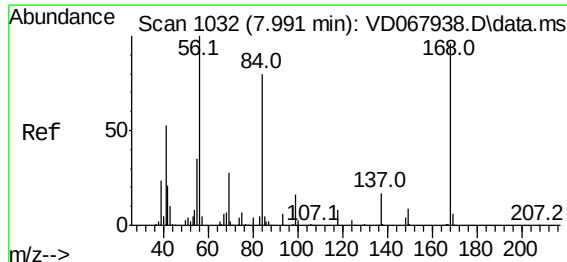


Chloroform
Concen: 20.52 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 83 Resp: 133698

Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.5	75.7





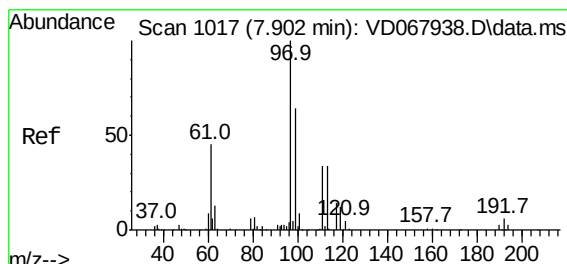
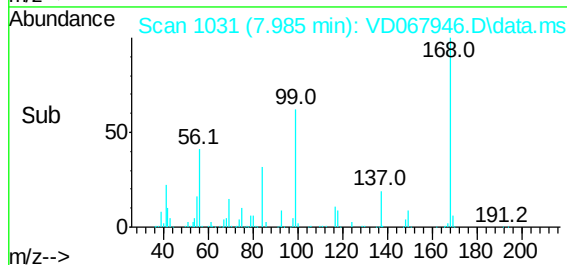
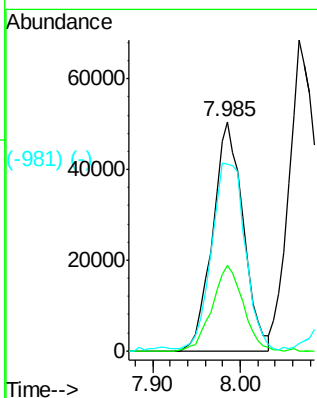
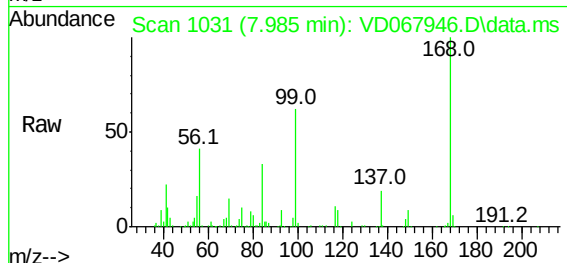
#1020 (-)
Cyclohexane
Concen: 19.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 56 Resp: 120199
Ion Ratio Lower Upper
56 100
69 37.5 22.7 34.1#
84 80.4 64.2 96.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

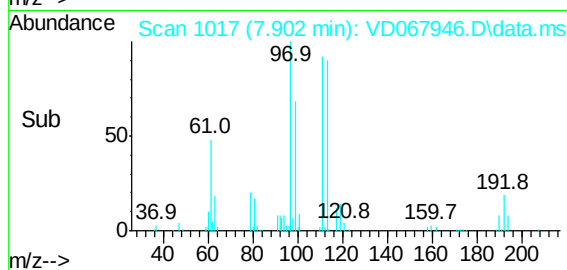
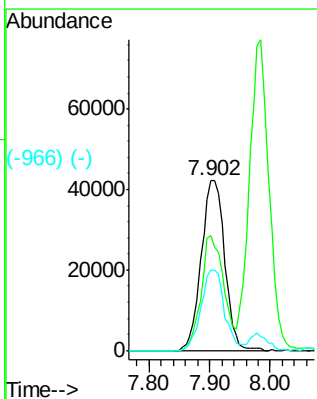
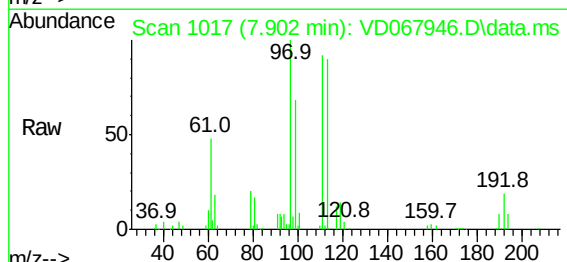
Manual Integrations
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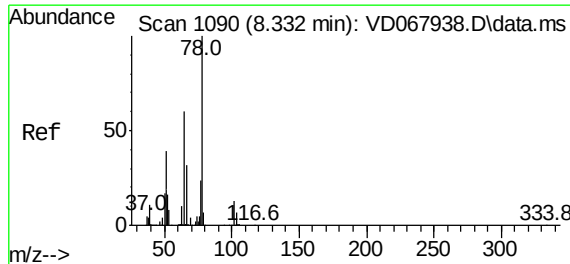
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#1026 (-)
1,1,1-Trichloroethane
Concen: 20.12 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 97 Resp: 112267
Ion Ratio Lower Upper
97 100
99 66.0 51.0 76.6
61 47.0 35.8 53.8





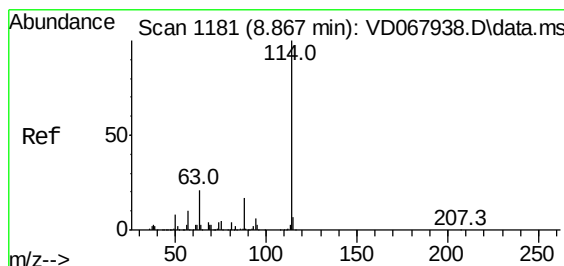
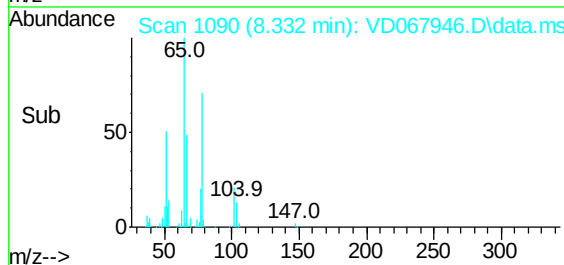
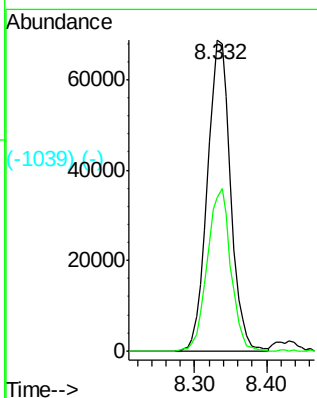
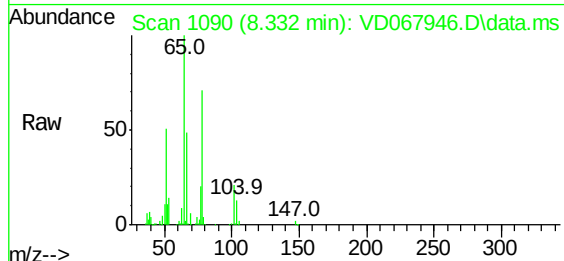
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 65 Resp: 153668
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

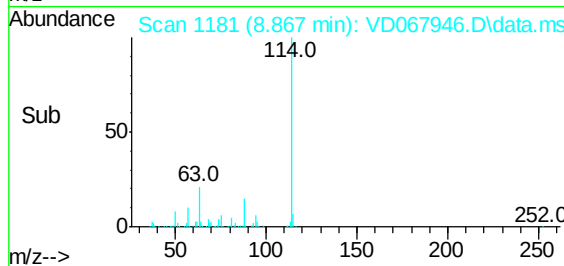
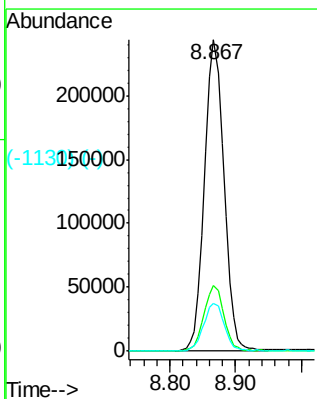
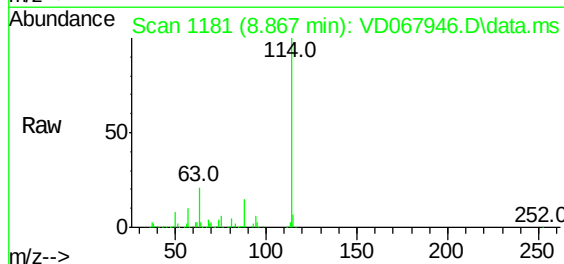
Manual Integrations
APPROVED

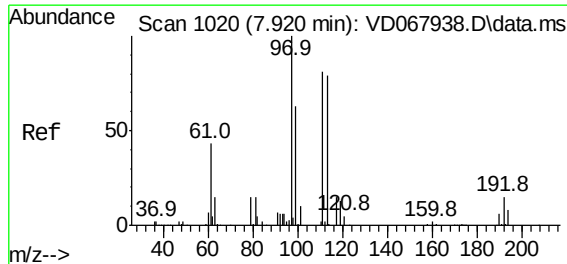
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1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

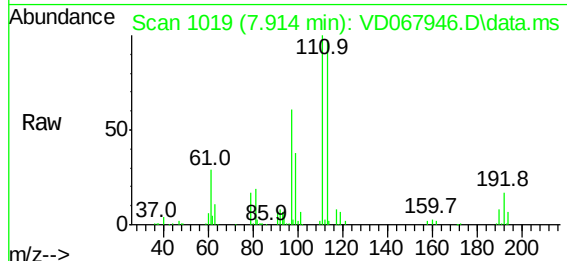
Tgt Ion:114 Resp: 482080
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.4
88 15.0 0.0 33.2





(-969) (-)
 Dibromofluoromethane
 Concen: 50.45 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

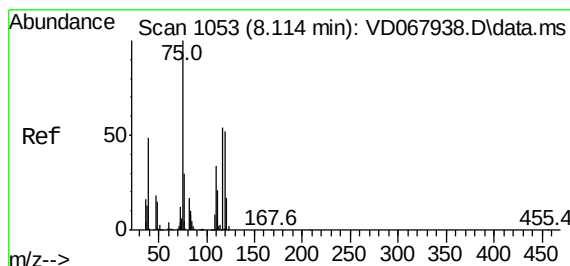
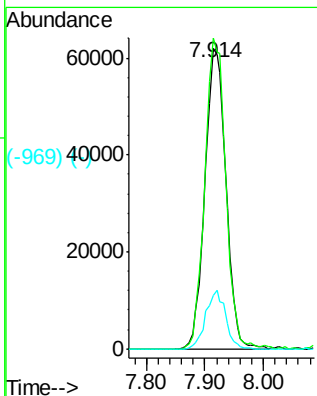
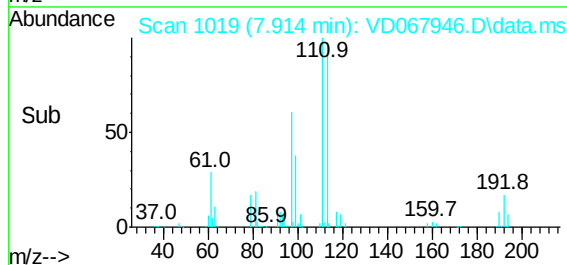
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01



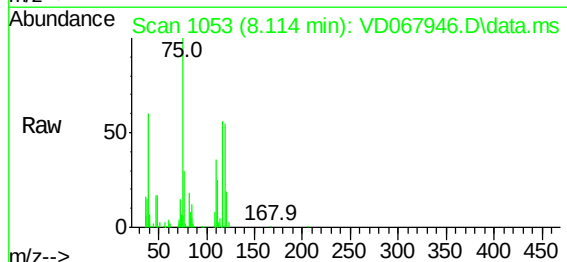
Tgt Ion:113 Resp: 153258
 Ion Ratio Lower Upper
 113 100
 111 102.5 79.3 118.9
 192 18.2 14.5 21.7

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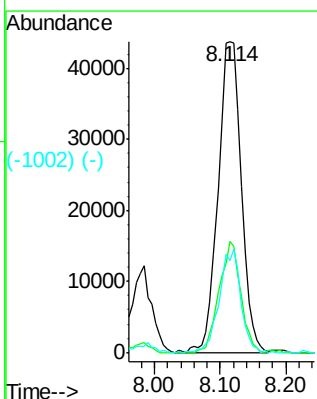
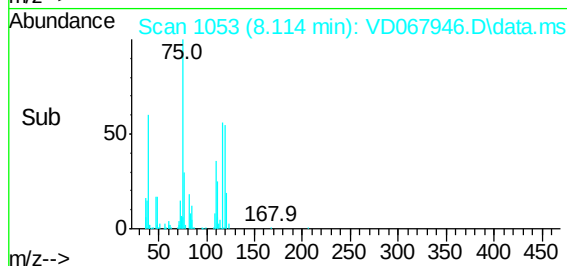
MMDadoda
 12/28/2020 3:30:49 PM

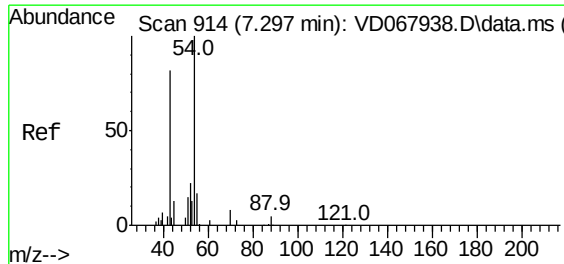


(-1002) (-)
 1,1-Dichloropropene
 Concen: 20.69 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16



Tgt Ion: 75 Resp: 106008
 Ion Ratio Lower Upper
 75 100
 110 33.1 17.0 51.0
 77 30.9 24.6 37.0





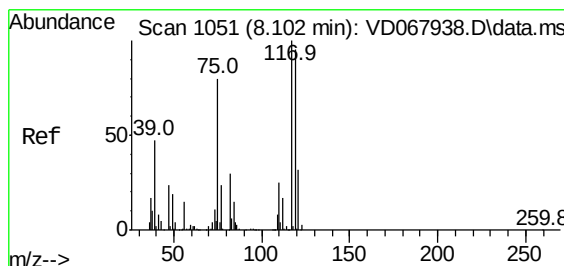
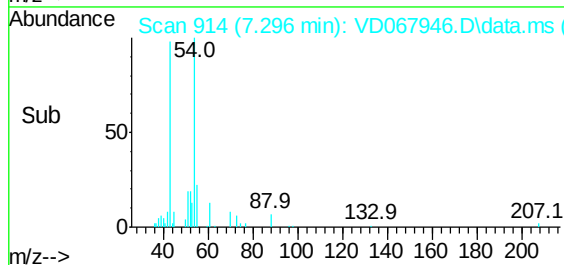
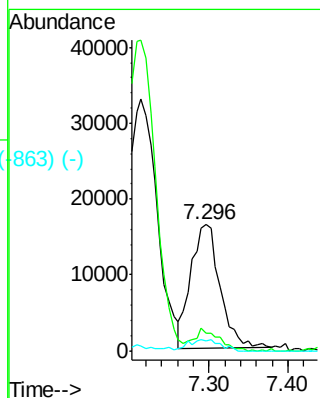
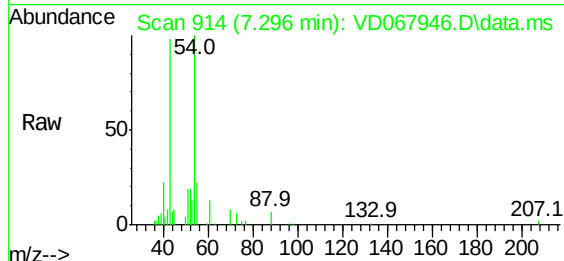
Ethyl Acetate
Concen: 20.11 ug/l
RT: 7.296 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	43	Resp:	41687
Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.2	15.4
70	9.9	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

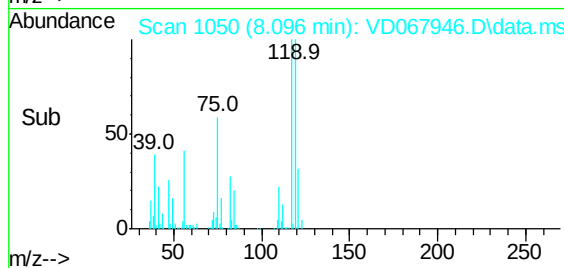
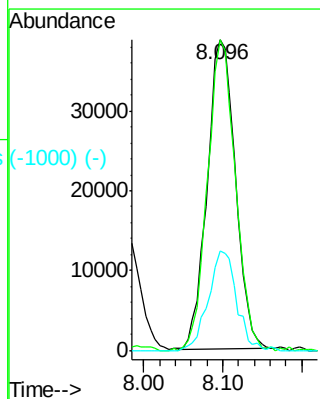
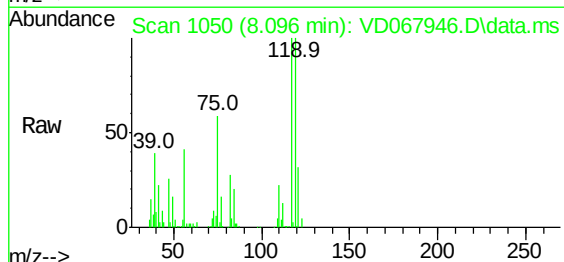
Manual Integrations
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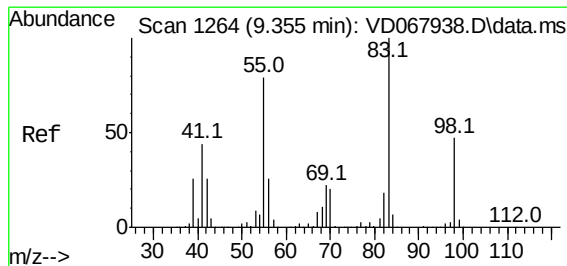
MMDadoda
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Carbon Tetrachloride
Concen: 19.73 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	117	Resp:	96569
Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.2	114.4
121	32.1	25.9	38.9





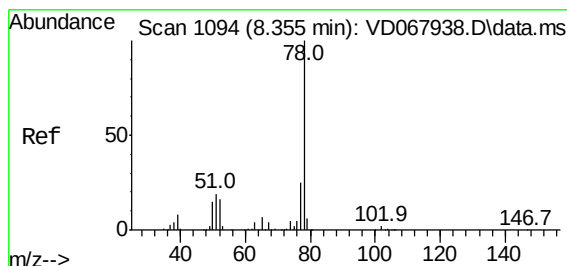
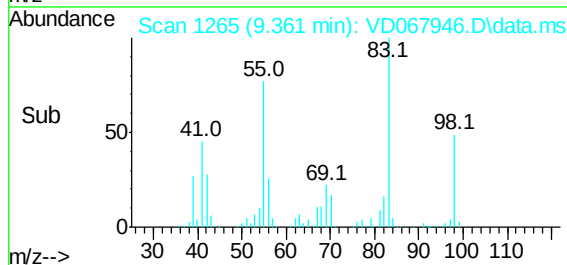
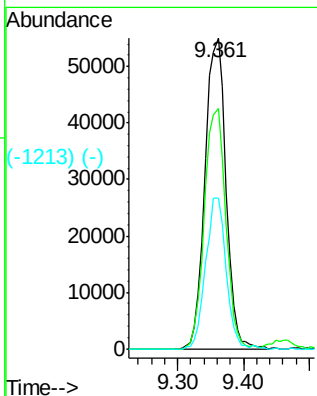
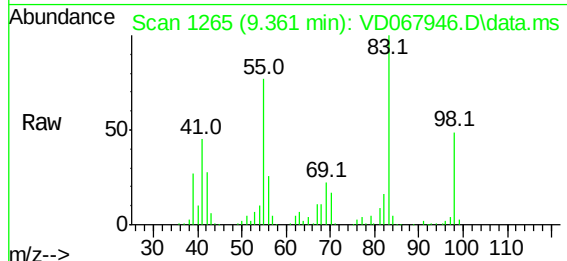
(-1295) (-)
Methylcyclohexane
Concen: 19.86 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 83 Resp: 116694
Ion Ratio Lower Upper
83 100
55 77.4 63.5 95.3
98 48.7 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

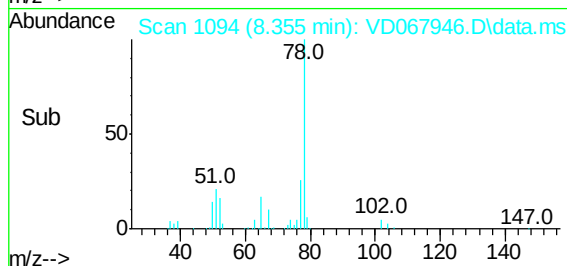
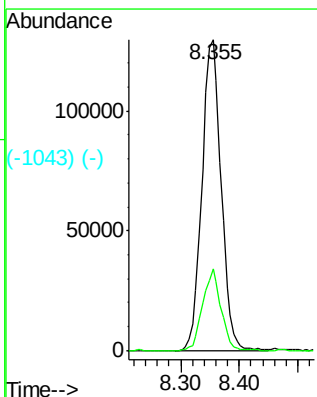
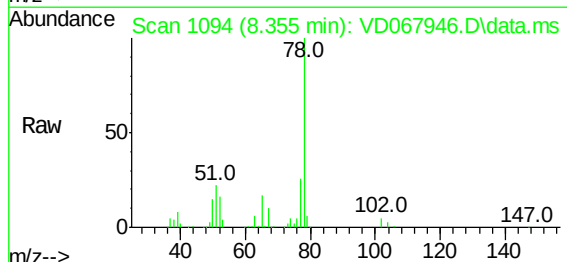
Manual Integrations
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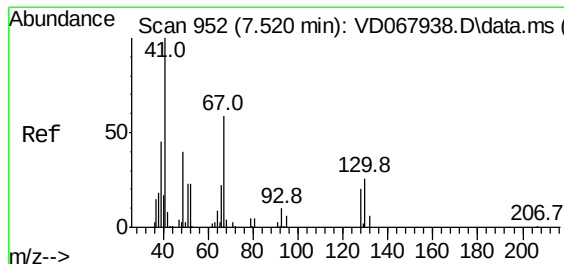
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(-1402) (-)
Benzene
Concen: 19.83 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 78 Resp: 294749
Ion Ratio Lower Upper
78 100
77 26.4 20.1 30.1





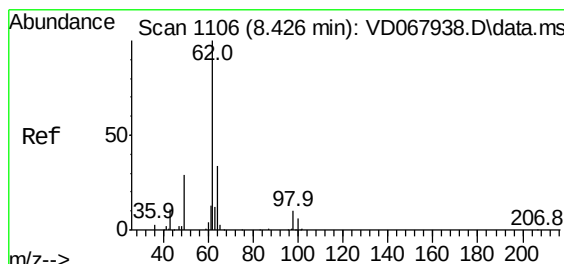
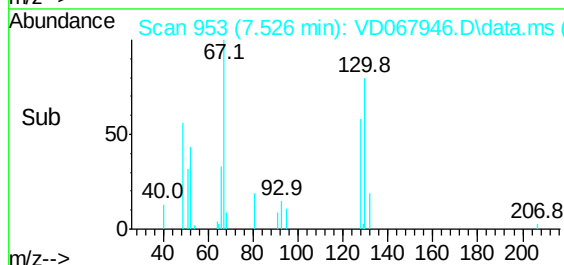
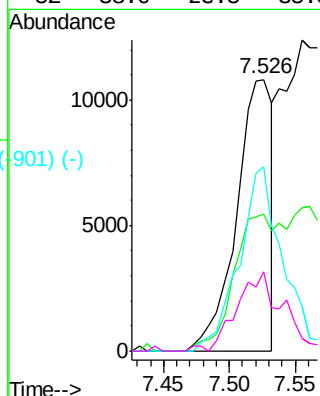
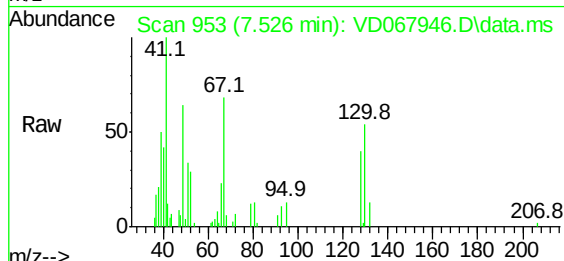
#41 (-)
Methacrylonitrile
Concen: 17.58 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	41	Resp:	20520
Ion	Ratio	Lower	Upper
41	100		
39	53.5	46.2	69.2
67	81.8	55.1	82.7
52	38.0	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

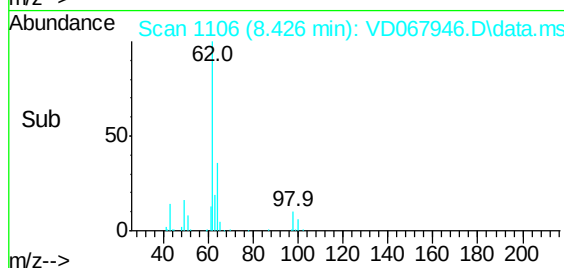
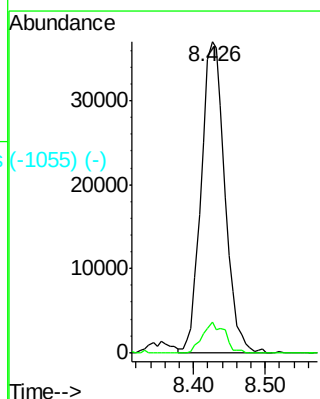
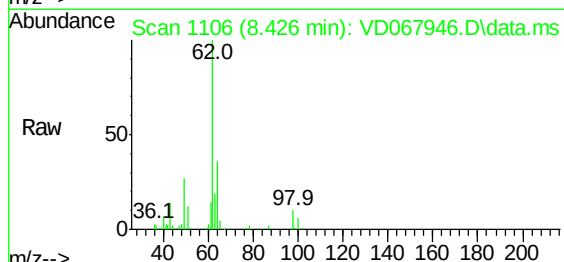
Manual Integrations
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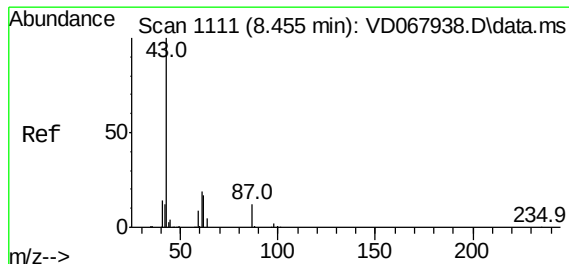
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#105 (-)
1,2-Dichloroethane
Concen: 20.95 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	62	Resp:	83960
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.4



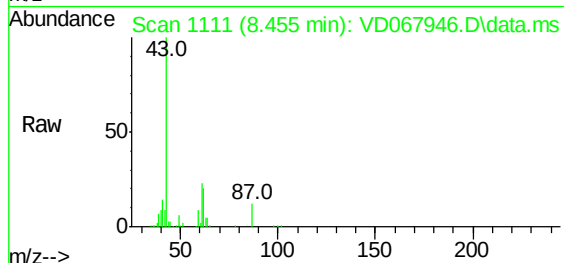


(-1097) (-)
Isopropyl Acetate
Concen: 20.27 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

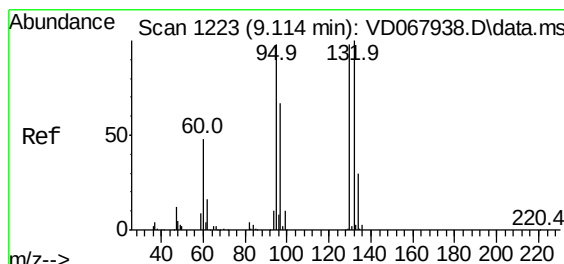
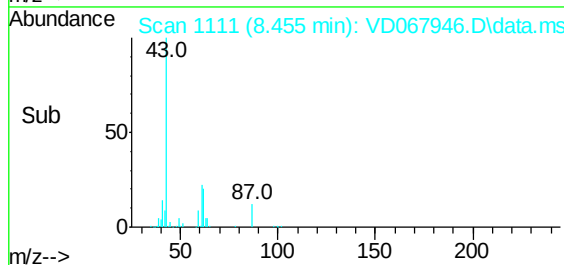
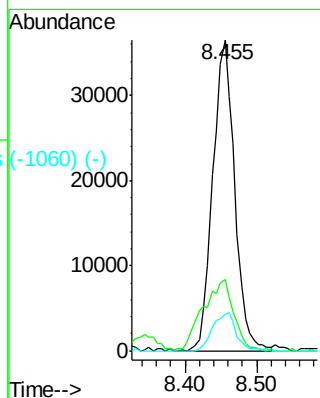
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

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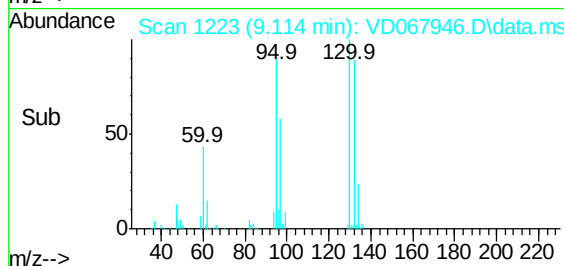
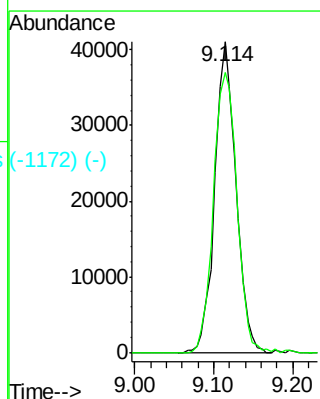
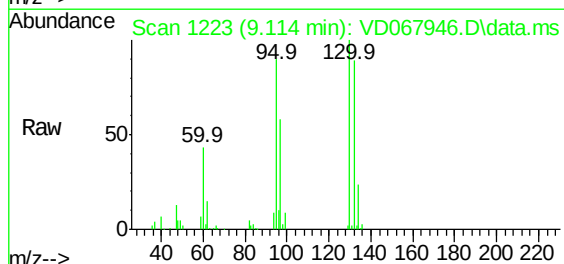


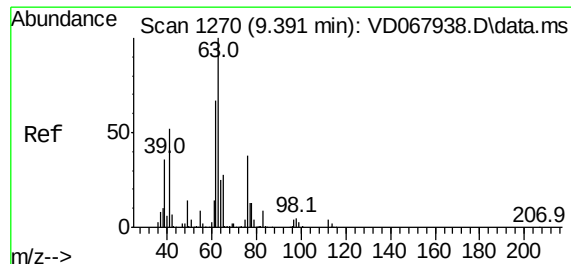
Tgt Ion: 43 Resp: 77152
Ion Ratio Lower Upper
43 100
61 32.4 24.5 36.7
87 13.0 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 20.56 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 130 Resp: 76619
Ion Ratio Lower Upper
130 100
95 90.0 0.0 200.8



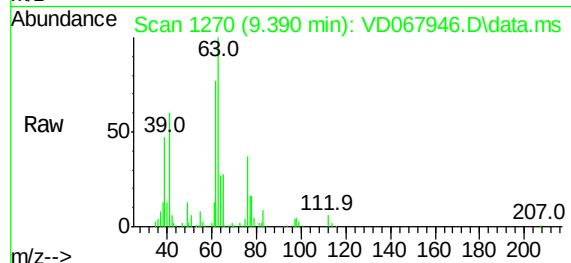


(-1257) (-)
 1,2-Dichloropropane
 Concen: 20.39 ug/l
 RT: 9.390 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

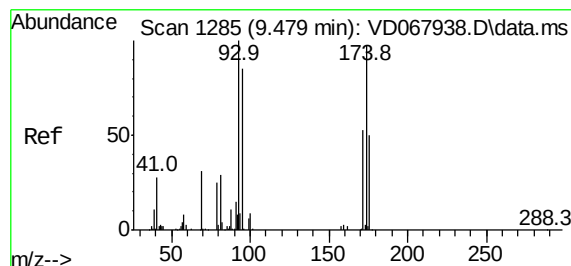
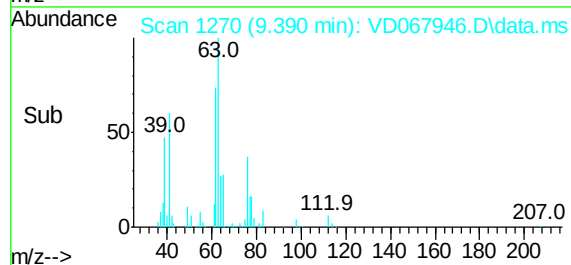
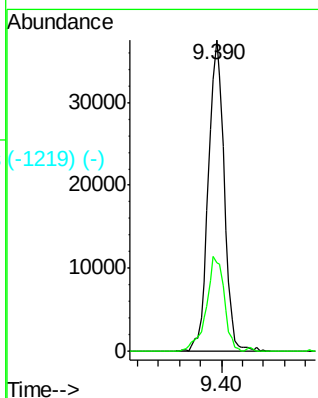
Instrument :
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 ClientSampleId :
 VD1224SBSD01

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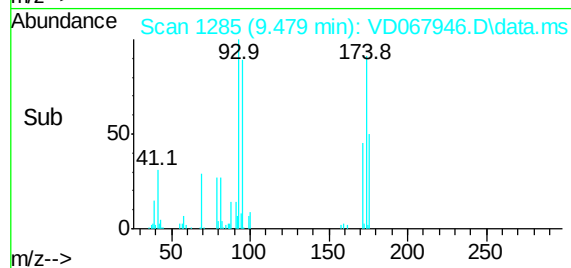
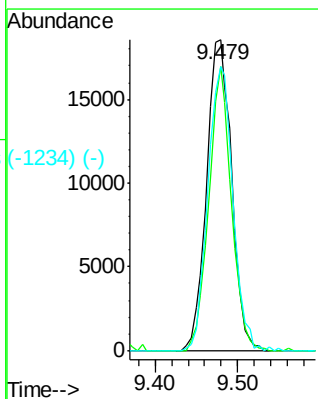
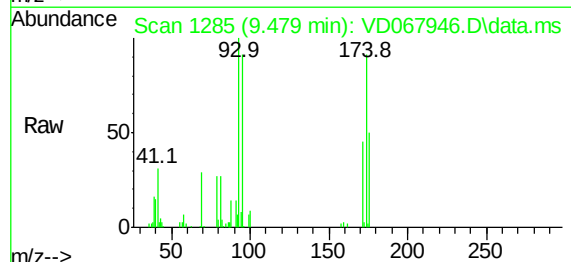


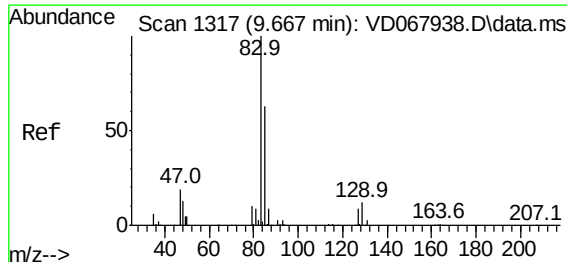
Tgt Ion: 63 Resp: 77152
 Ion Ratio Lower Upper
 63 100
 65 28.3 22.7 34.1



(-1256) (-)
 Dibromomethane
 Concen: 21.07 ug/l
 RT: 9.479 min Scan# 1285
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 93 Resp: 38755
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.0 102.0
 174 91.8 74.7 112.1





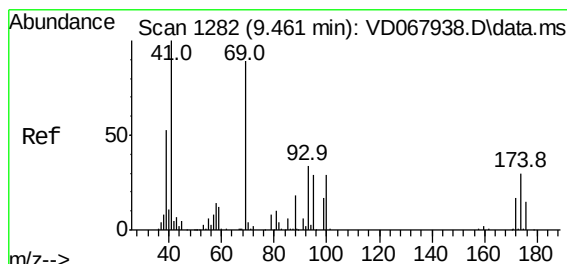
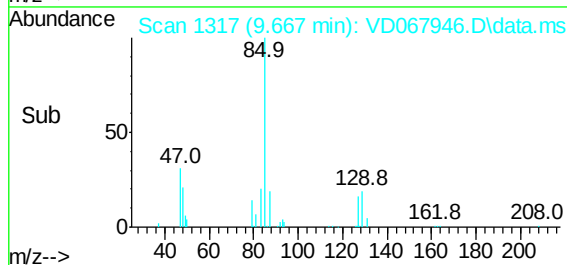
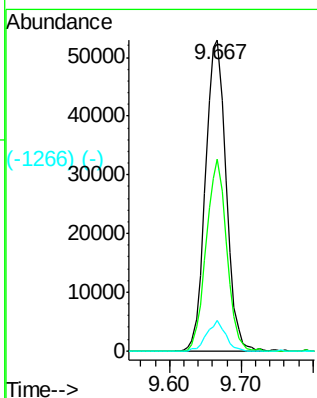
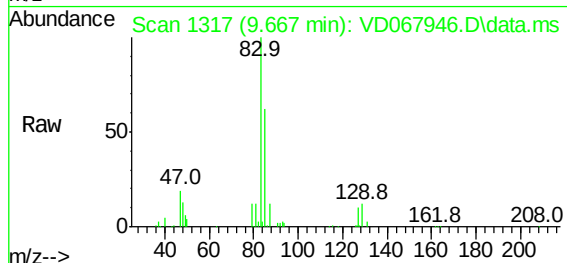
(-1478) (-)
 Bromodichloromethane
 Concen: 21.13 ug/l
 RT: 9.667 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion: 83 Resp: 104871
 Ion Ratio Lower Upper
 83 100
 85 61.5 50.5 75.7
 127 9.9 7.2 10.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

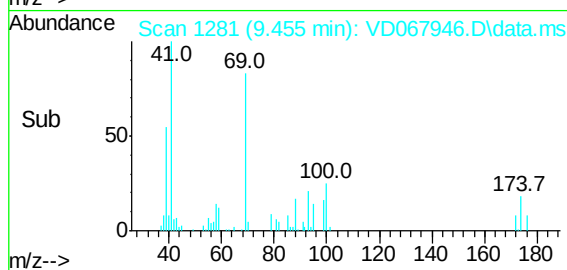
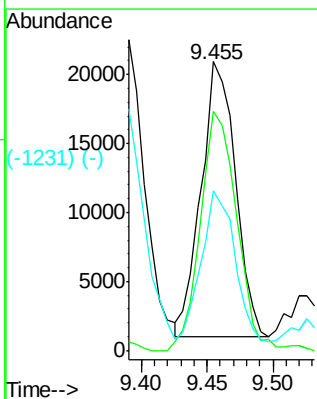
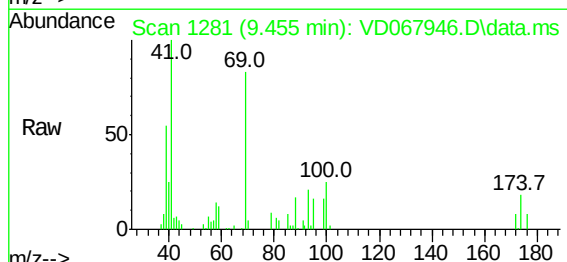
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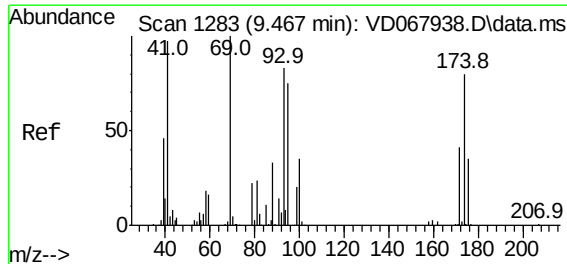
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(-1478) (-)
 Methyl methacrylate
 Concen: 17.99 ug/l
 RT: 9.455 min Scan# 1281
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

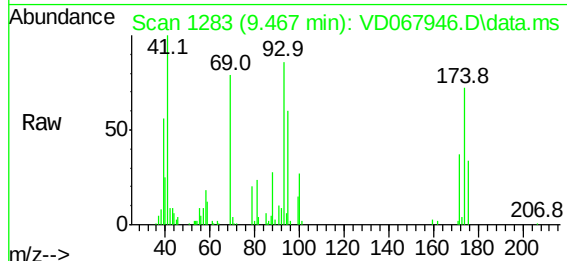
Tgt Ion: 41 Resp: 35381
 Ion Ratio Lower Upper
 41 100
 69 91.6 63.9 95.9
 39 60.7 37.4 56.0#





#1294 (-)
1,4-Dioxane
Concen: 427.47 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

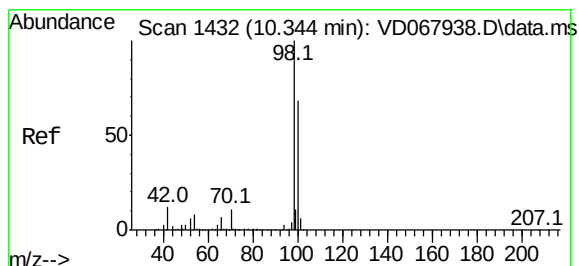
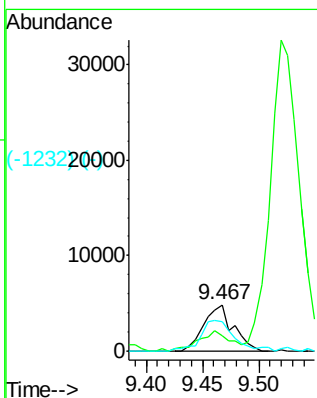
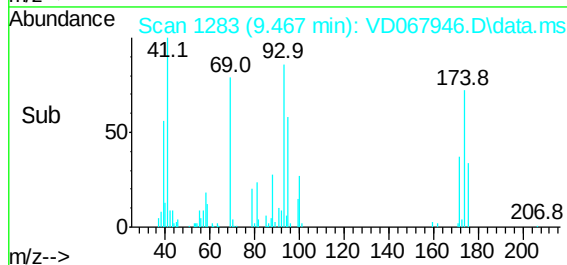
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01



Tgt Ion: 88 Resp: 8585
Ion Ratio Lower Upper
88 100
43 46.8 27.3 40.9#
58 74.6 54.8 82.2

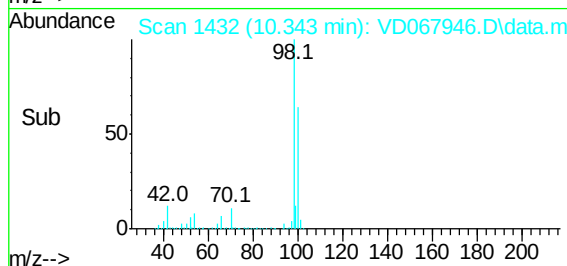
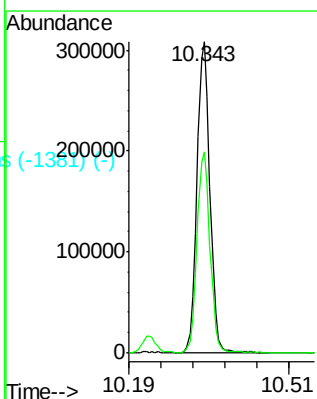
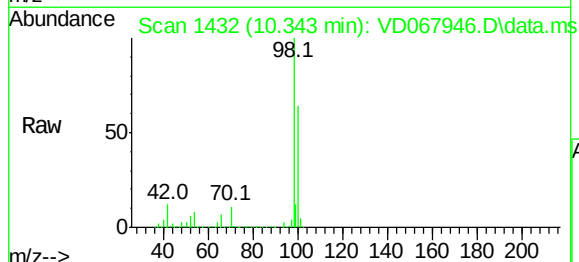
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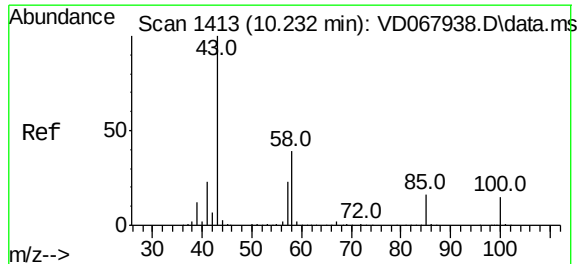
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#5022 (-)
ToLuene-d8
Concen: 49.14 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 98 Resp: 560993
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



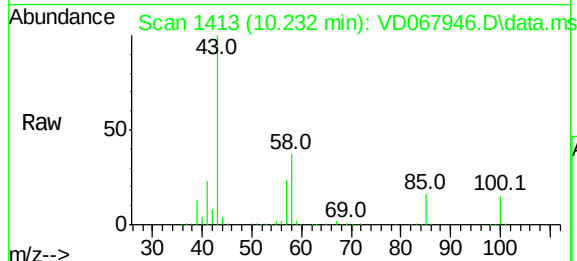


#5102 (-)
4-Methyl-2-Pentanone
Concen: 103.97 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

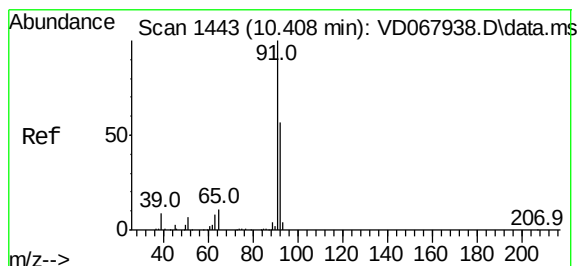
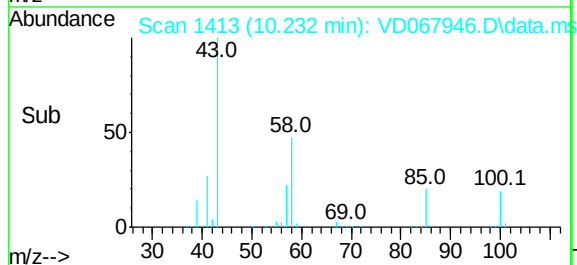
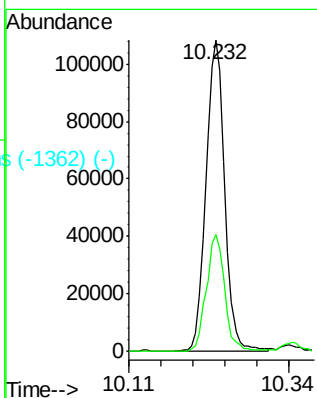
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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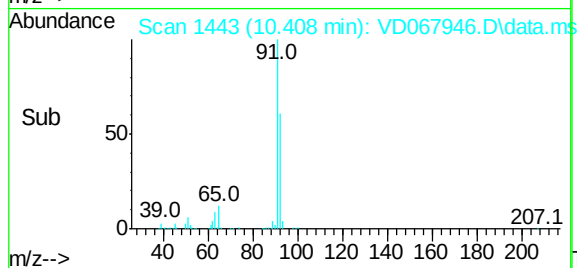
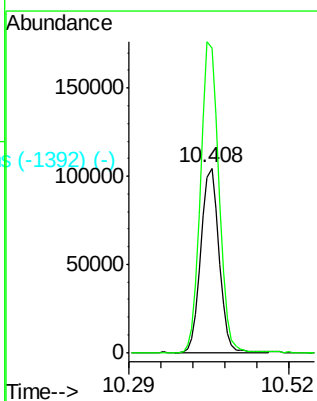
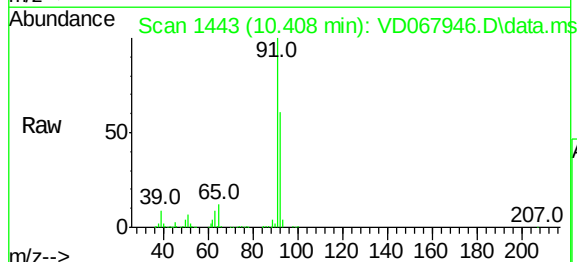


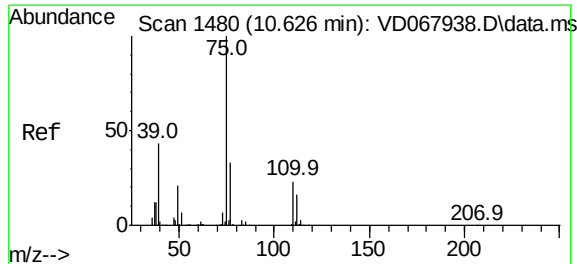
Tgt Ion: 43 Resp: 204883
Ion Ratio Lower Upper
43 100
58 36.8 30.0 45.0



#5133 (-)
Toluene
Concen: 20.71 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 92 Resp: 190070
Ion Ratio Lower Upper
92 100
91 170.7 138.5 207.7





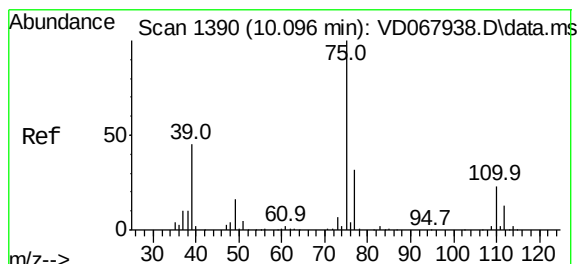
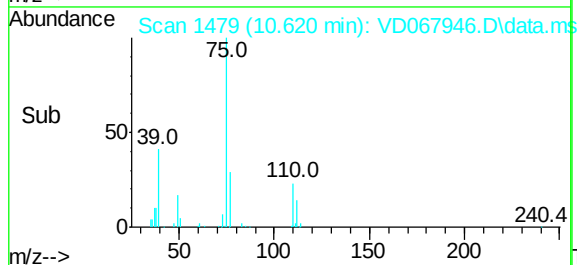
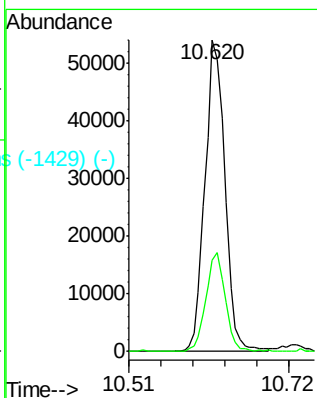
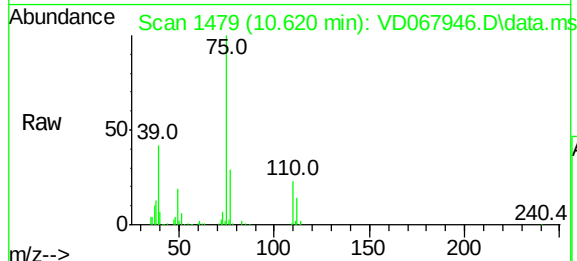
#5470 (-)
t-1,3-Dichloropropene
Concen: 20.98 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 75 Resp: 94152
Ion Ratio Lower Upper
75 100
77 29.1 26.8 40.2

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

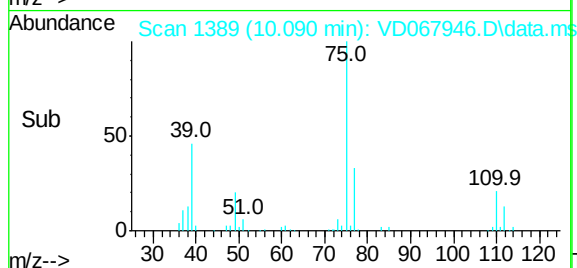
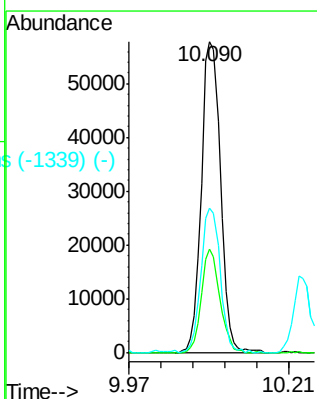
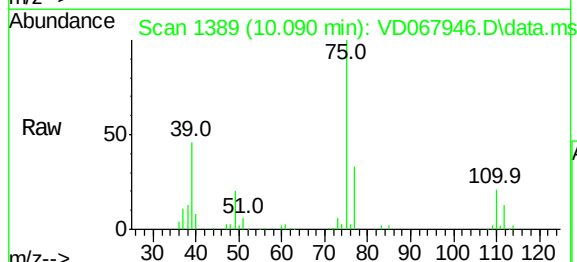
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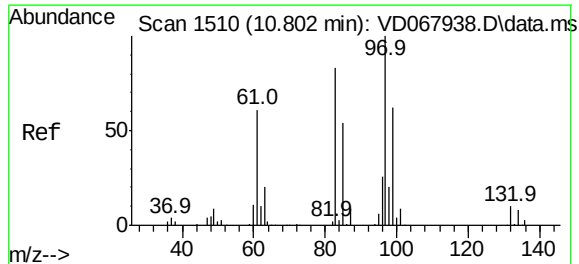
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#5479 (-)
cis-1,3-Dichloropropene
Concen: 20.14 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 75 Resp: 111832
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
39 46.4 35.7 53.5





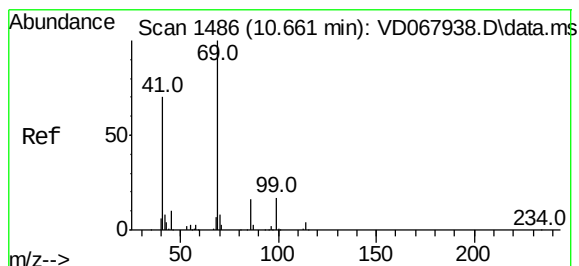
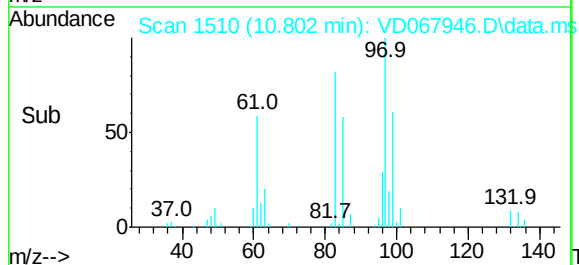
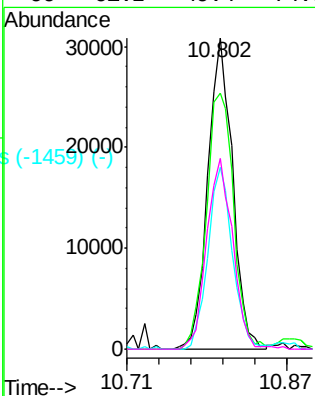
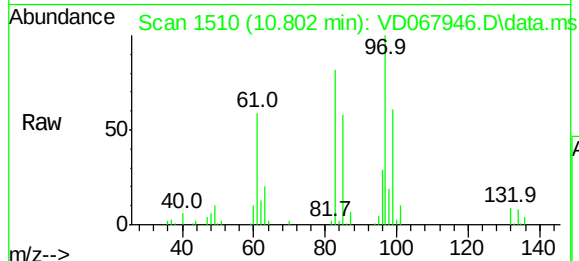
#5503 (-)
1,1,2-Trichloroethane
Concen: 20.56 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.4	99.6
85	58.3	43.4	65.0
99	61.1	49.4	74.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

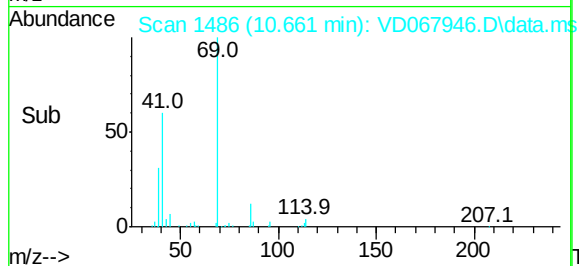
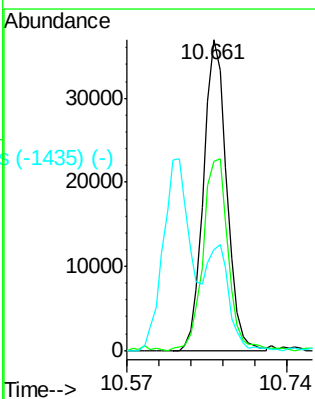
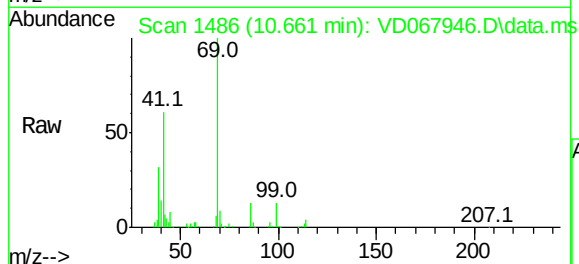
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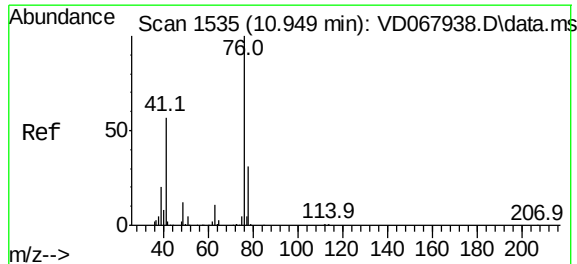
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#5578 (-)
Ethyl methacrylate
Concen: 20.54 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.4	84.6
39	31.8	24.6	36.8



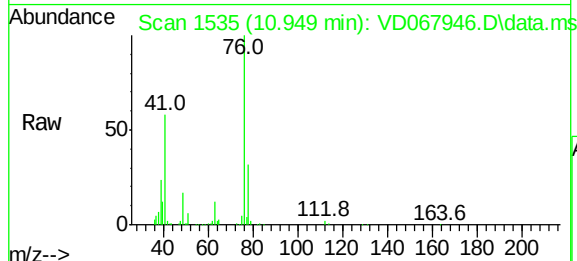


1,3-Dichloropropane
Concen: 20.66 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

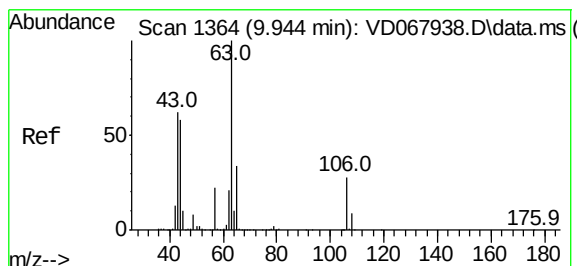
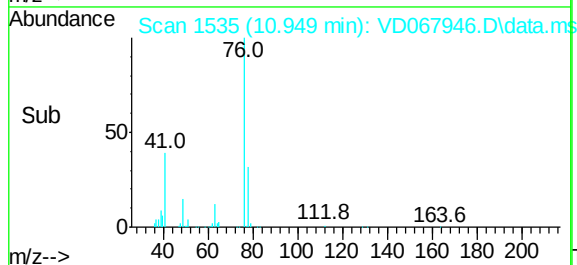
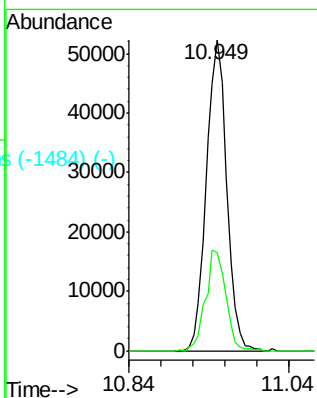
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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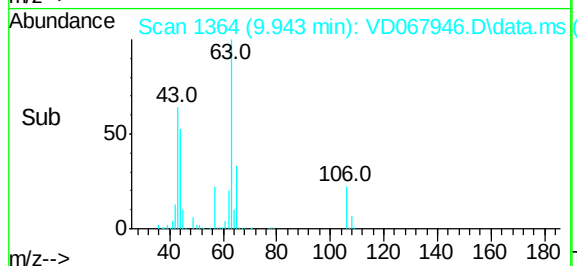
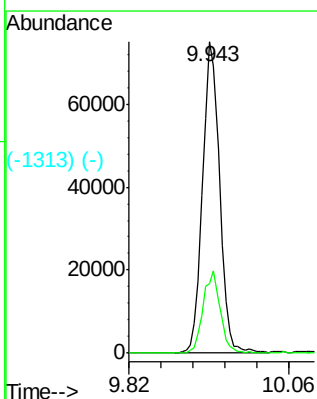
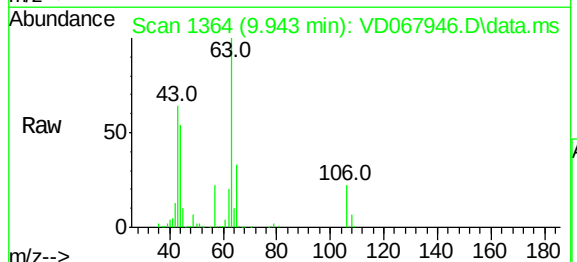


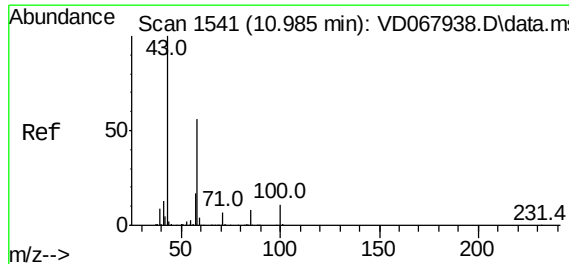
Tgt Ion: 76 Resp: 93408
Ion Ratio Lower Upper
76 100
78 32.2 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 88.61 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 63 Resp: 128791
Ion Ratio Lower Upper
63 100
106 25.9 21.6 32.4





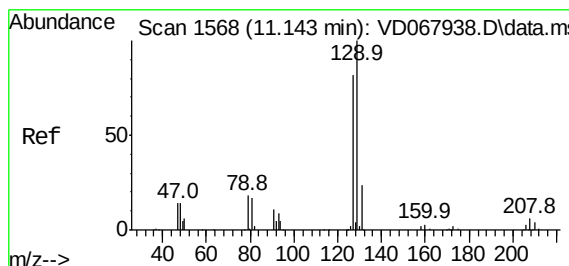
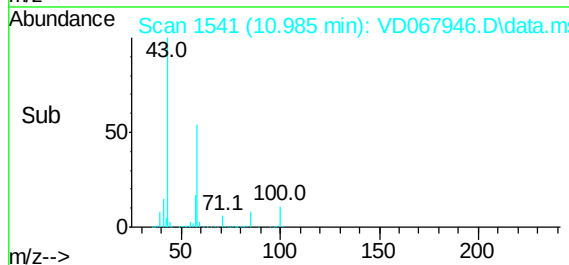
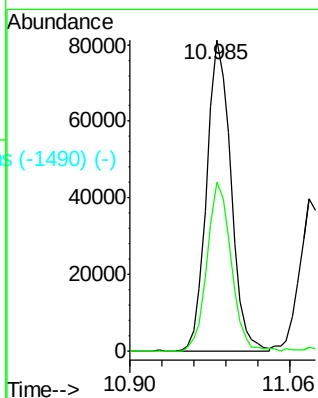
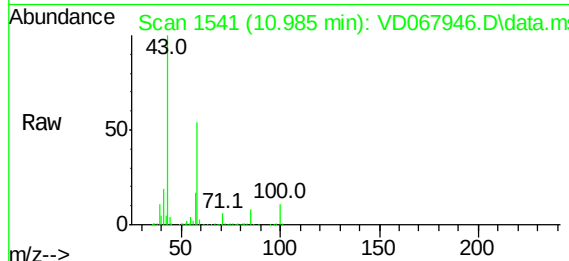
#5931 (-)
2-Hexanone
Concen: 105.14 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 43 Resp: 136162
Ion Ratio Lower Upper
43 100
58 53.7 27.5 82.4

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

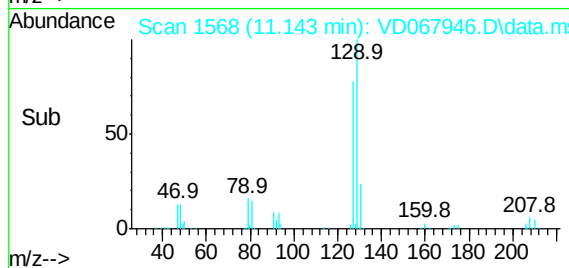
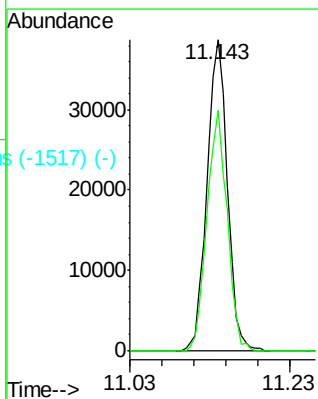
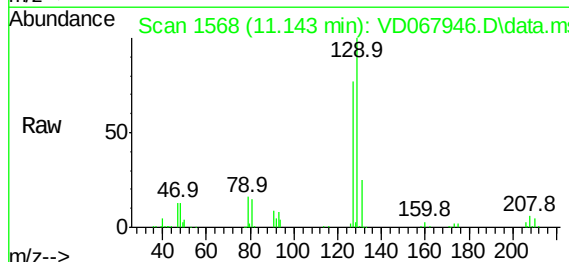
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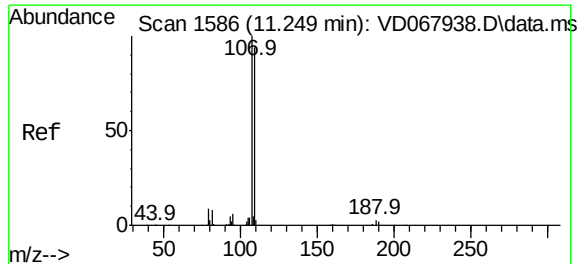
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#6059 (-)
Dibromochloromethane
Concen: 21.61 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 129 Resp: 68820
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4



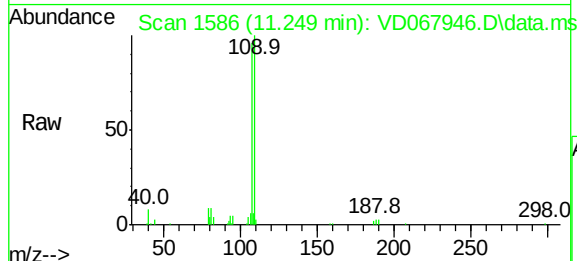


#6178 (-)
1,2-Dibromoethane
Concen: 20.70 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

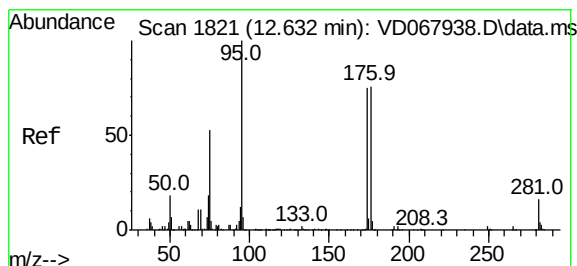
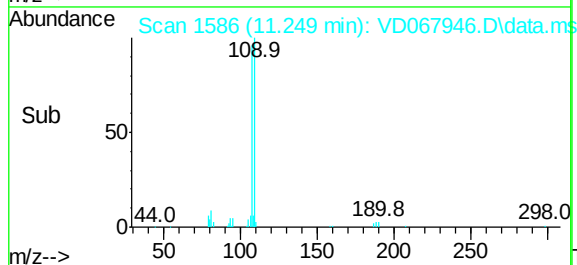
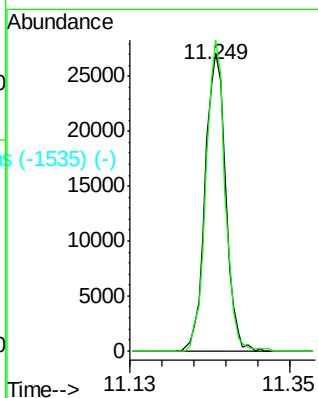
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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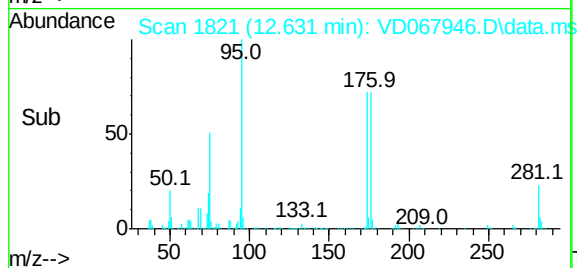
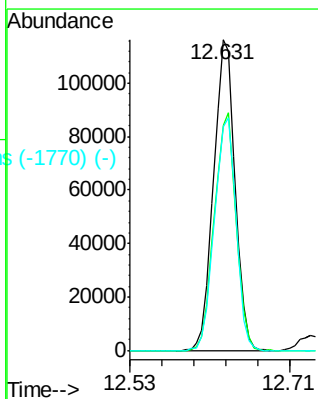
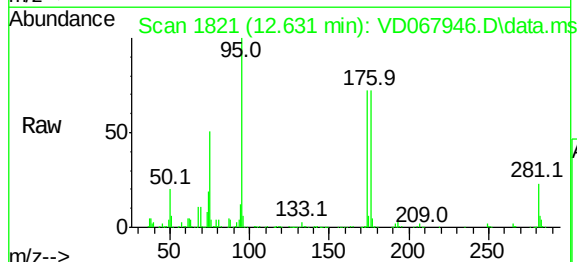


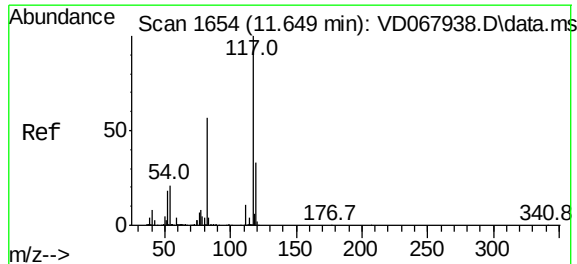
Tgt Ion: 107 Resp: 51061
Ion Ratio Lower Upper
107 100
109 97.3 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 95 Resp: 191751
Ion Ratio Lower Upper
95 100
174 77.9 0.0 150.6
176 75.9 0.0 151.2



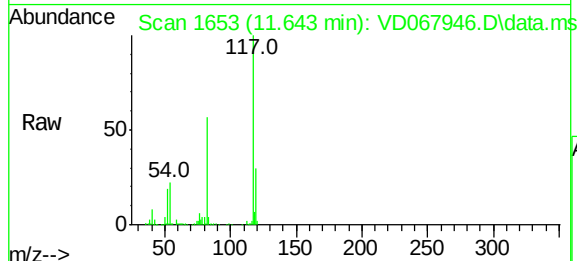


#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

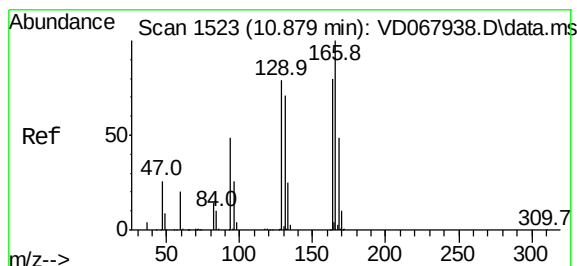
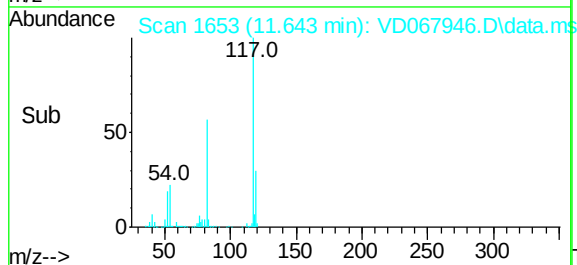
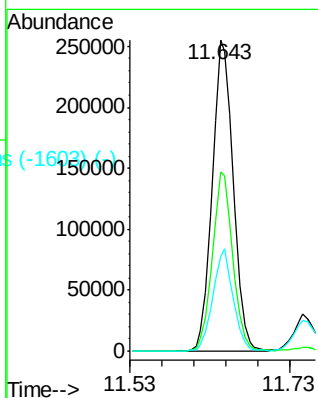
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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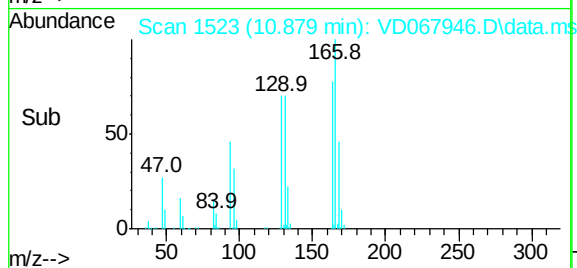
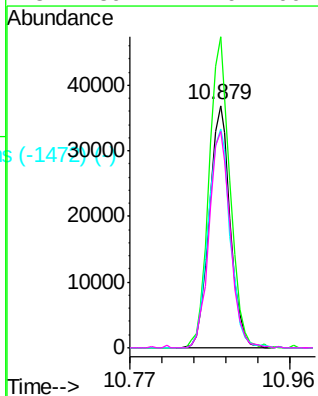
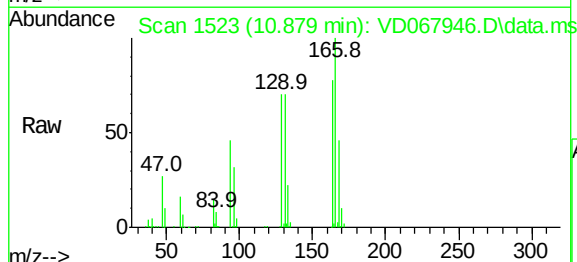


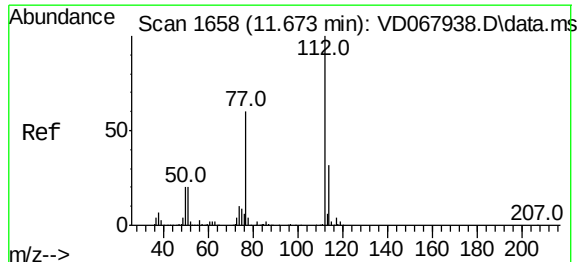
Tgt Ion:117 Resp: 446940
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 30.4 26.7 40.1



#6344 (-)
Tetrachloroethene
Concen: 20.63 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:164 Resp: 64695
Ion Ratio Lower Upper
164 100
166 128.5 99.4 149.2
129 90.3 79.0 118.4
131 89.4 71.0 106.4



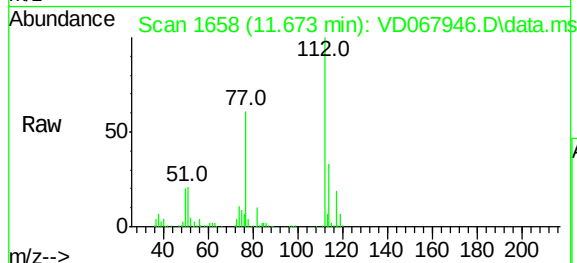


#6549 (-)
Chlorobenzene
Concen: 19.55 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

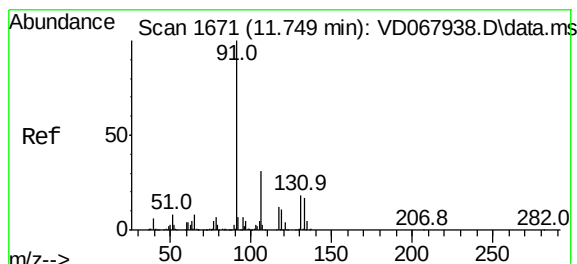
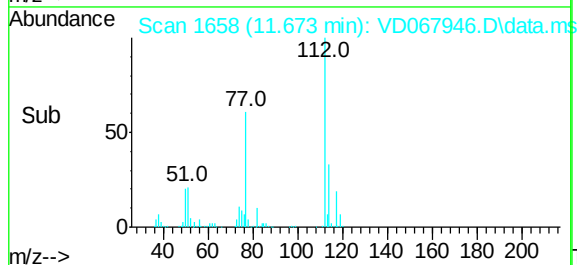
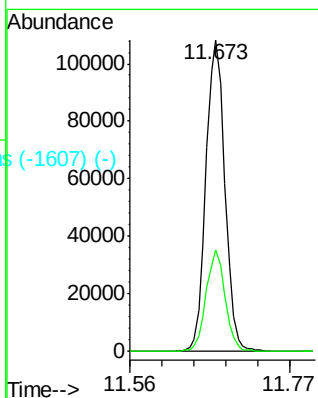
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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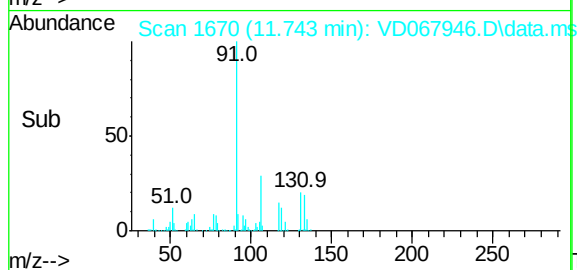
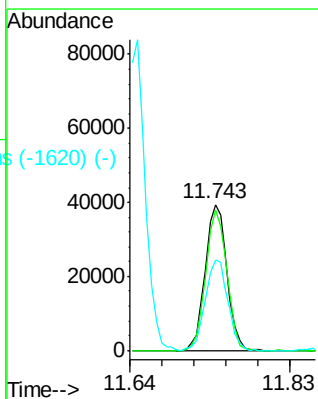
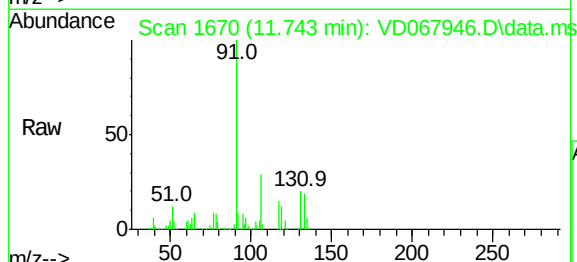


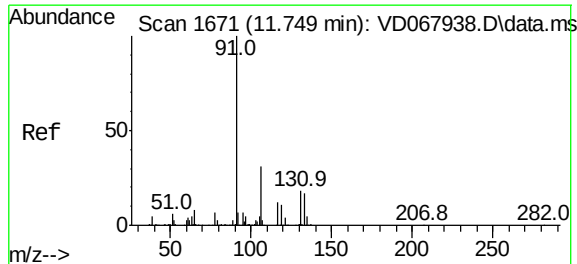
Tgt Ion:112 Resp: 188470
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#662 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.72 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:131 Resp: 71315
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 64.6 33.4 100.2





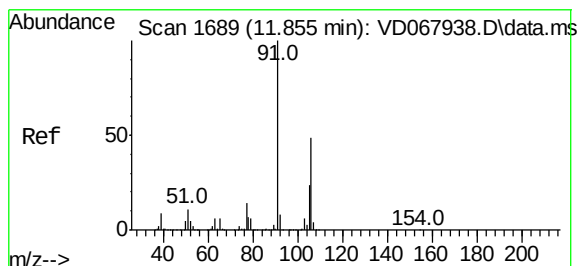
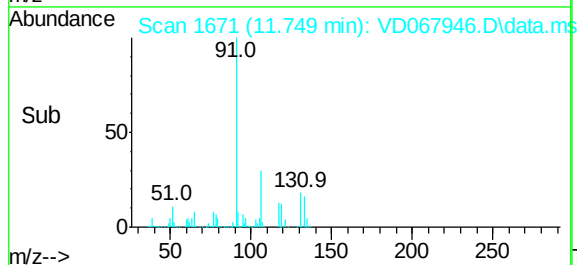
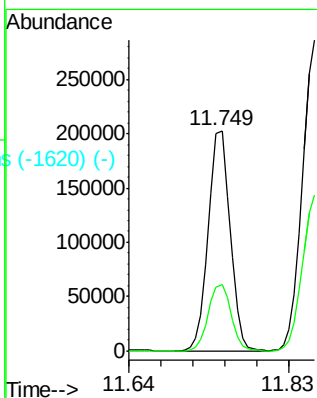
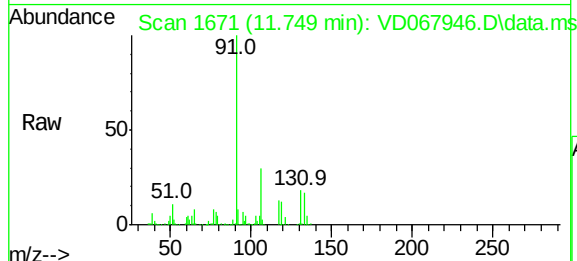
#661 (-)
Ethyl Benzene
Concen: 19.69 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 91 Resp: 338618
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
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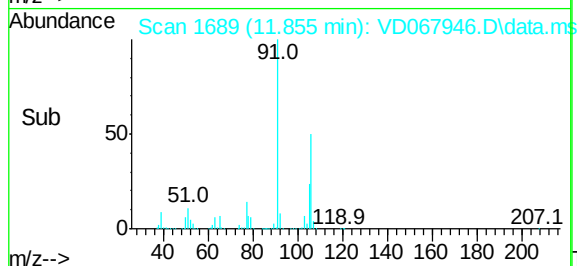
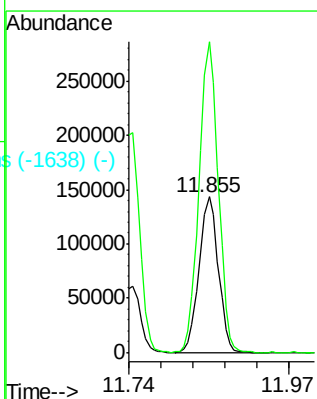
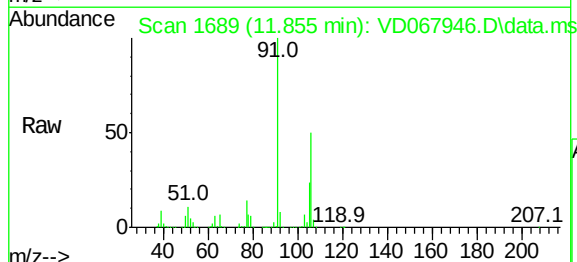
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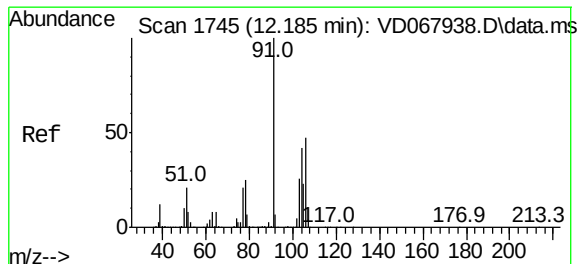
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#660 (-)
m/p-Xylenes
Concen: 40.44 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:106 Resp: 265026
Ion Ratio Lower Upper
106 100
91 198.9 159.9 239.9



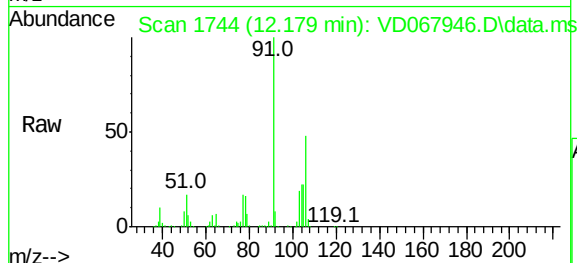


#6937 (-)
o-Xylene
Concen: 19.65 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

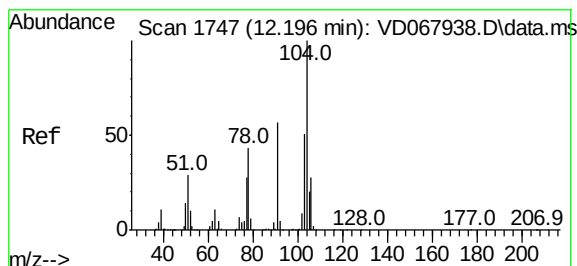
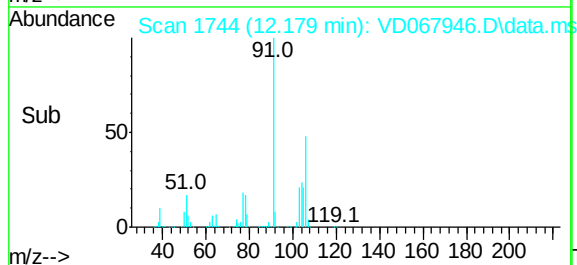
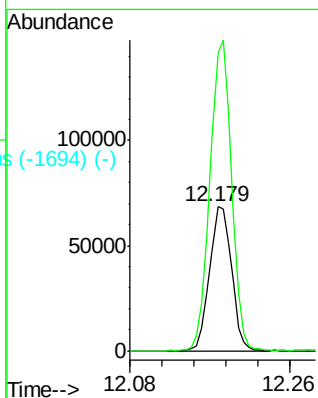
Instrument :
MSVOA_D
ClientSampleId :
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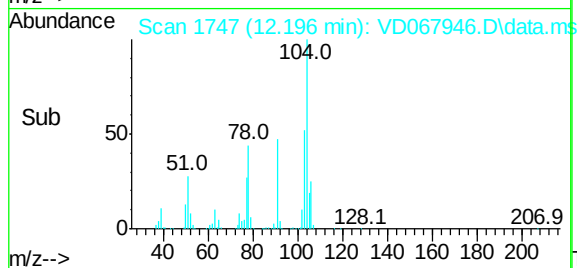
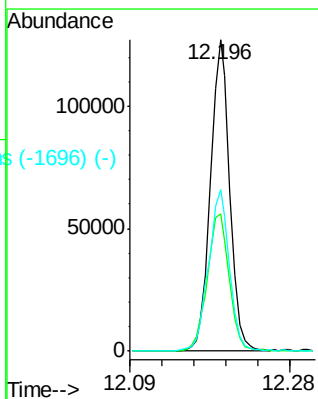
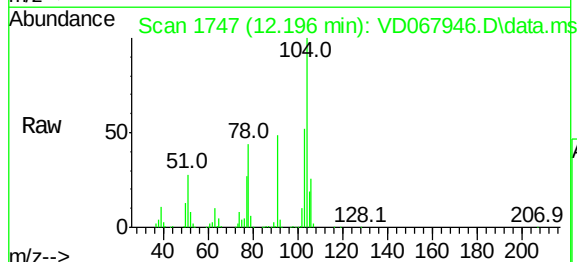


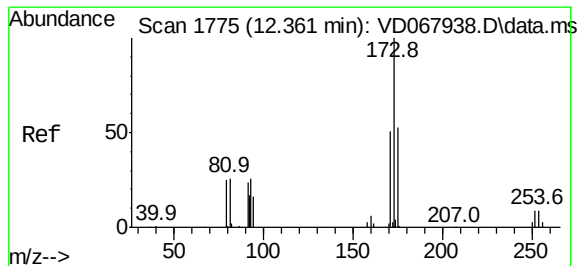
Tgt Ion:106 Resp: 115240
Ion Ratio Lower Upper
106 100
91 212.0 106.0 317.9



#1736 (-)
Styrene
Concen: 20.23 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

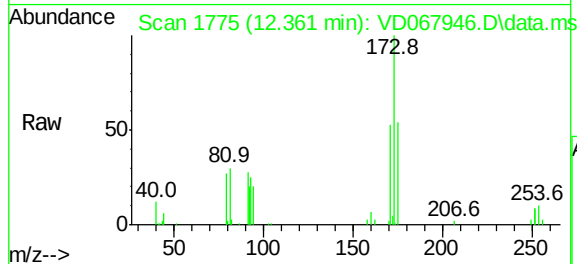
Tgt Ion:104 Resp: 204932
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 55.7 44.2 66.4





#1767 (-)
Bromoform
Concen: 20.36 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

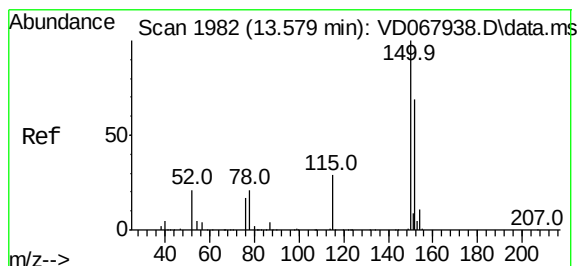
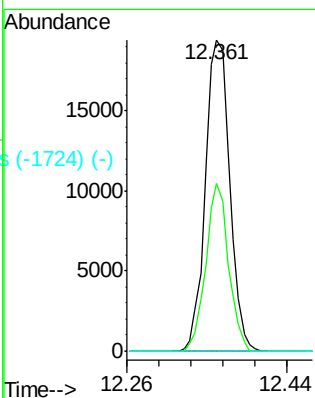
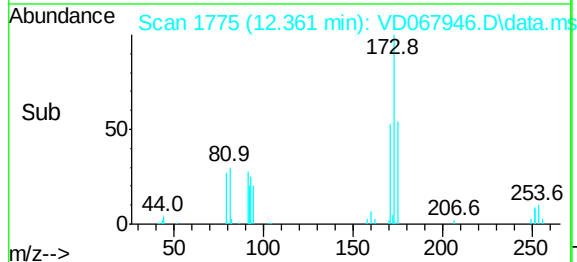
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01



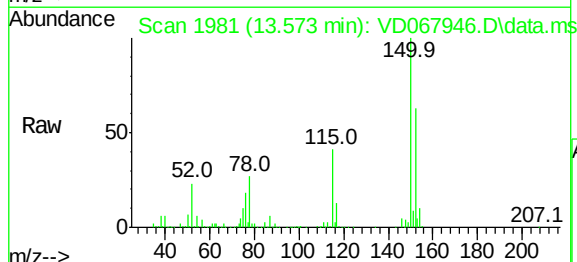
Tgt Ion:	173	Resp:	35411
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.6	73.8
254	0.0	0.0	0.0

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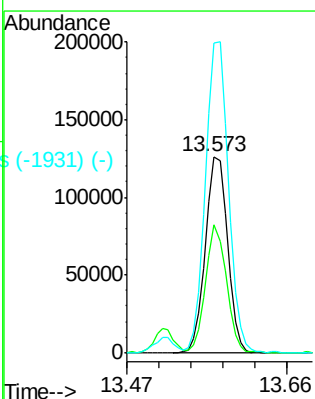
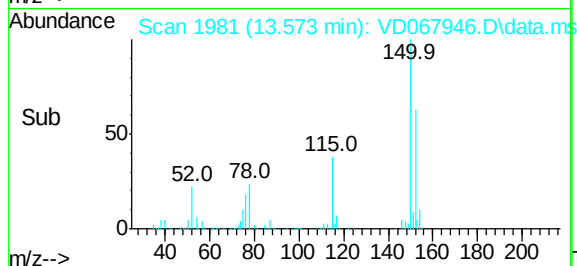
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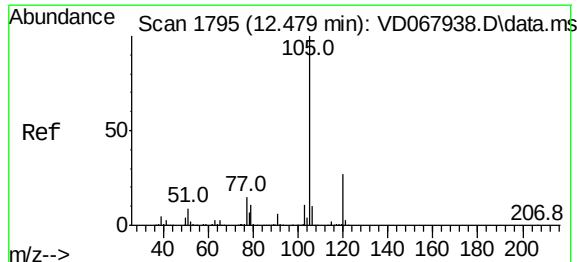


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16



Tgt Ion:	152	Resp:	212241
Ion Ratio	Lower	Upper	
152	100		
115	61.5	29.3	88.0
150	165.2	0.0	340.0



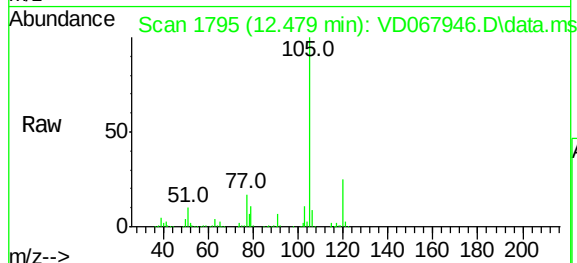


#1786 (-)
Isopropylbenzene
Concen: 20.11 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

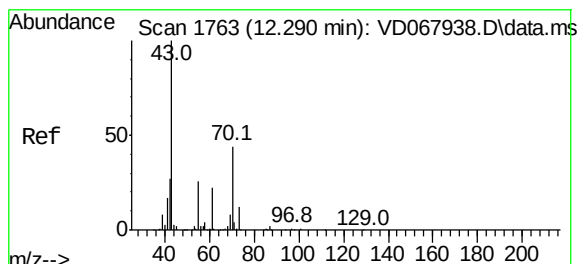
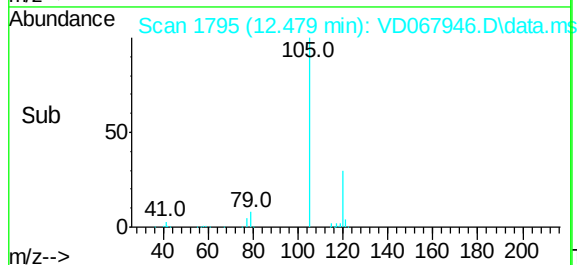
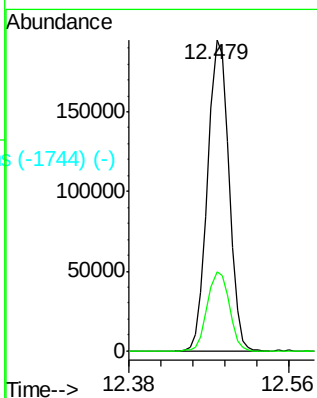
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

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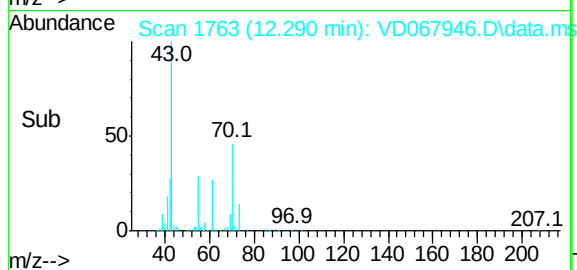
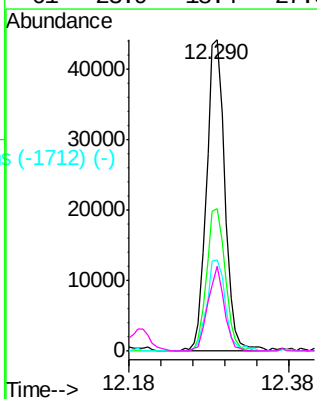
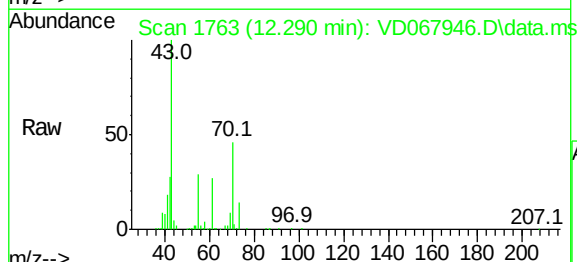


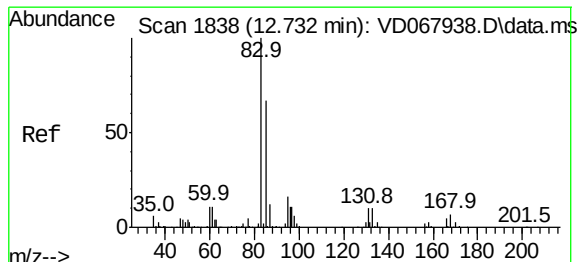
Tgt Ion:105 Resp: 316777
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 19.76 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

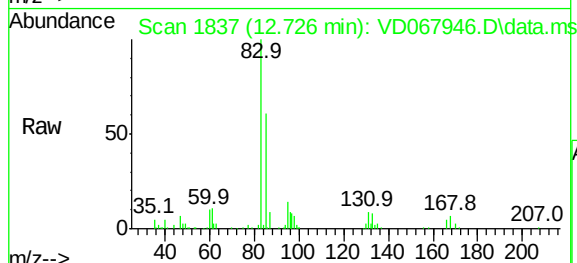
Tgt Ion: 43 Resp: 70652
Ion Ratio Lower Upper
43 100
70 46.2 34.3 51.5
55 29.2 21.2 31.8
61 23.9 18.4 27.6





#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 21.01 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

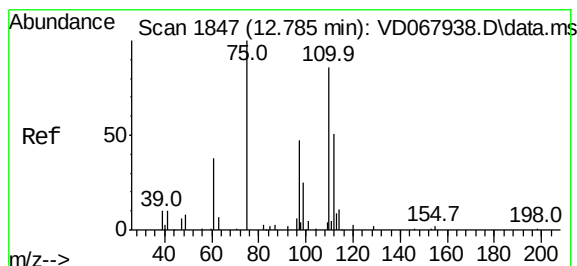
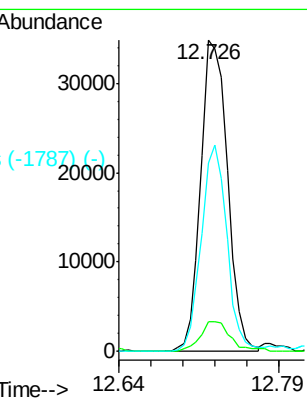
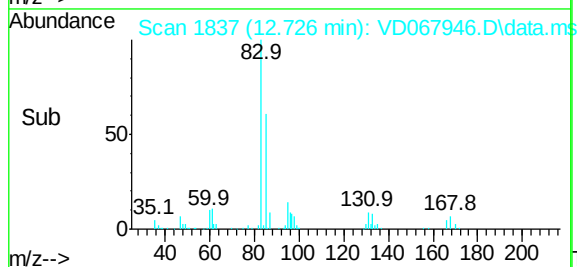
Instrument :
 MSVOA_D
 ClientSampleID :
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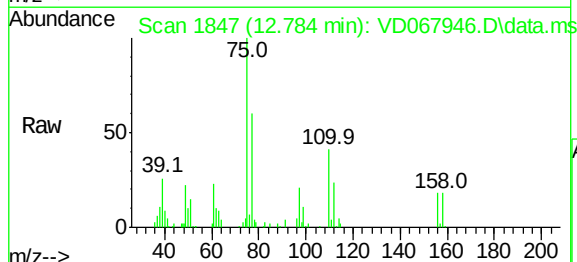
Tgt Ion:	83	Resp:	61412
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	62.9	32.1	96.3

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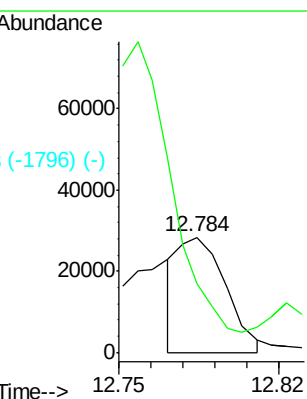
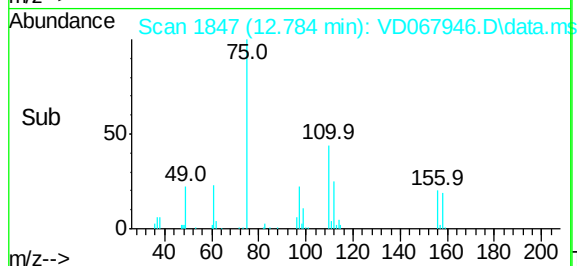
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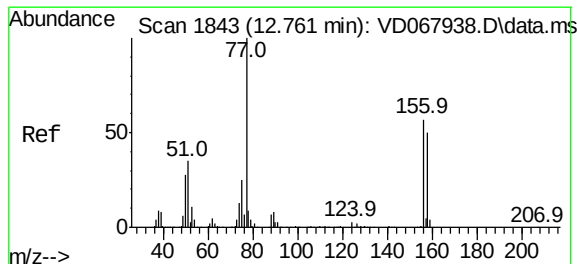


#1645 (-)
 1,2,3-Trichloropropane
 Concen: 20.67 ug/l m
 RT: 12.784 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16



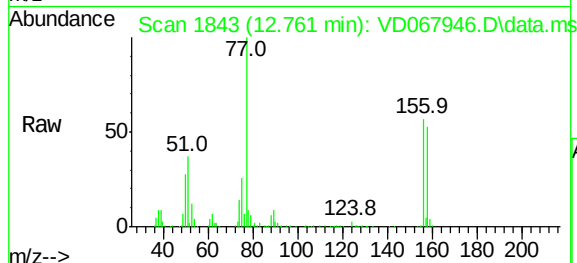
Tgt Ion:	75	Resp:	36929
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 20.38 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

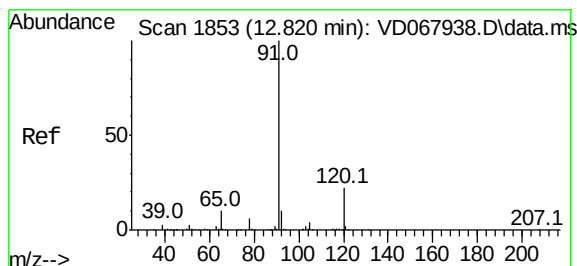
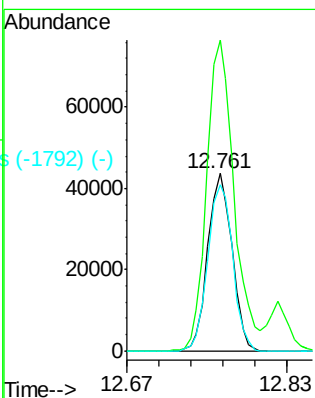
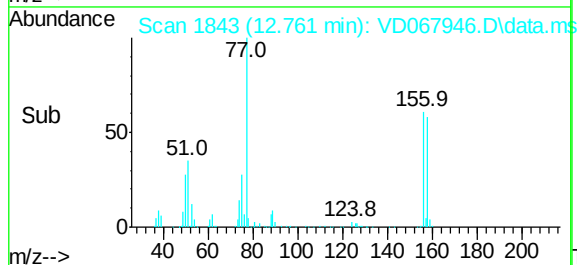


Tgt Ion: 156 Resp: 73420

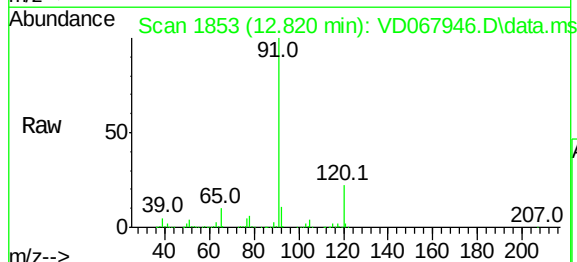
Ion	Ratio	Lower	Upper
156	100		
77	197.9	95.9	287.6
158	96.6	46.8	140.3

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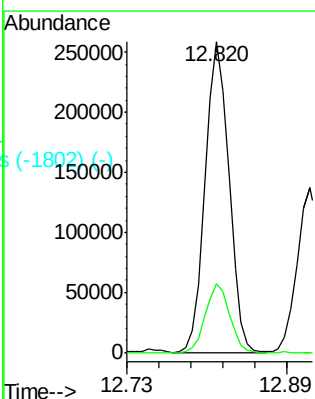
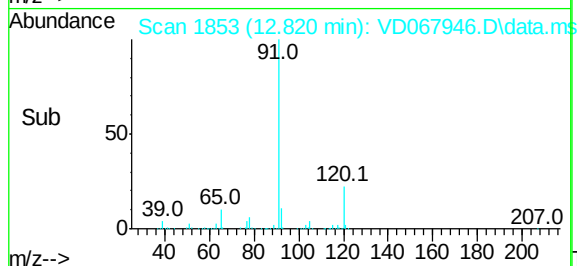


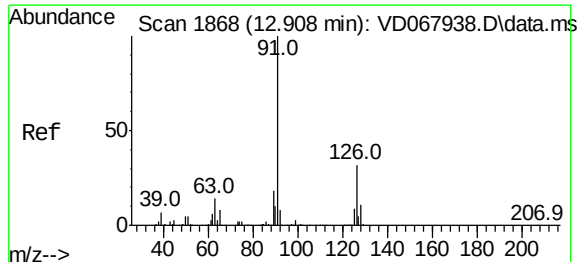
#1847 (-)
n-propylbenzene
Concen: 20.60 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16



Tgt Ion: 91 Resp: 403419

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5





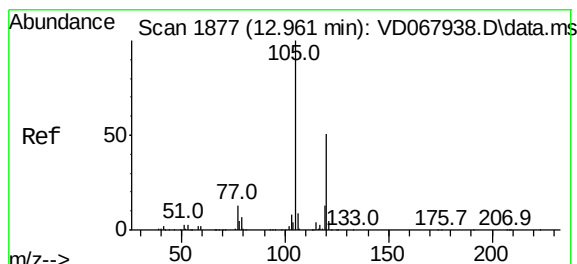
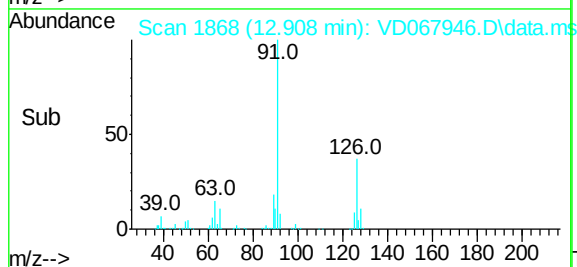
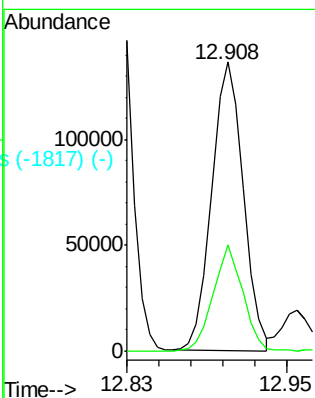
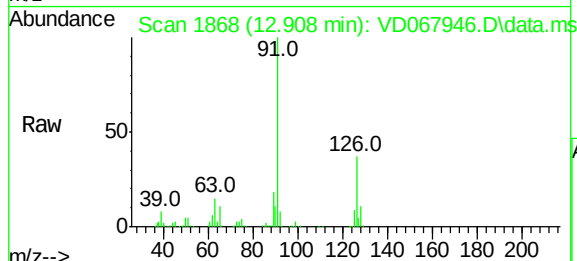
#1861 (-)
 2-Chlorotoluene
 Concen: 20.15 ug/l
 RT: 12.908 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion:	91	Resp:	222970
Ion Ratio	Lower	Upper	
91	100		
126	34.4	16.8	50.3

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

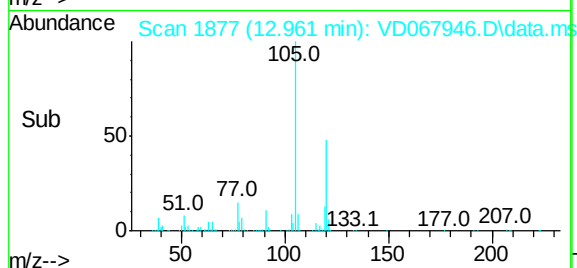
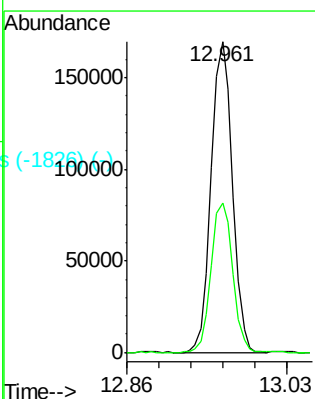
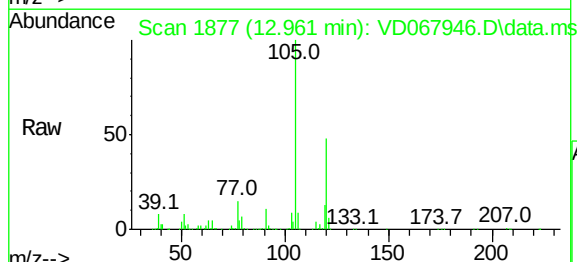
Manual Integrations
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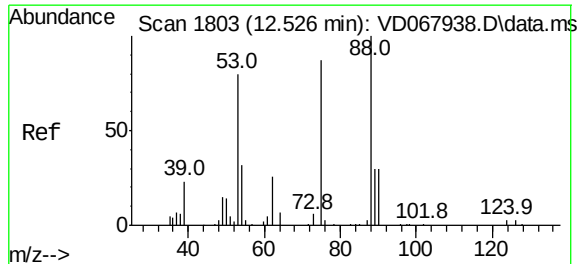
MMDadoda
 12/28/2020 3:30:49 PM



#1868 (-)
 1,3,5-Trimethylbenzene
 Concen: 20.69 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

Tgt Ion:	105	Resp:	270714
Ion Ratio	Lower	Upper	
105	100		
120	49.0	24.9	74.6





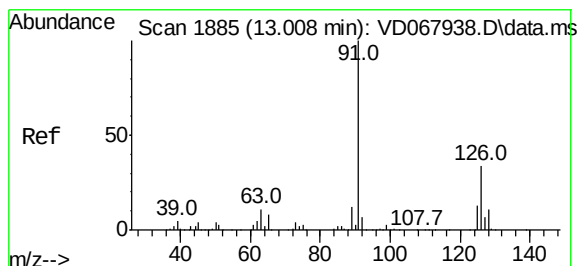
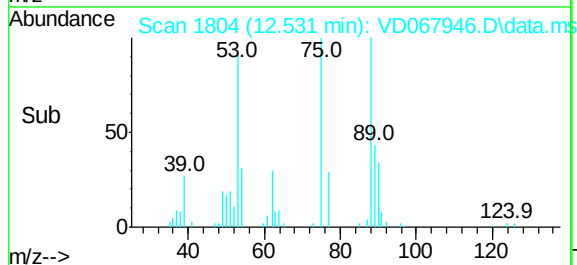
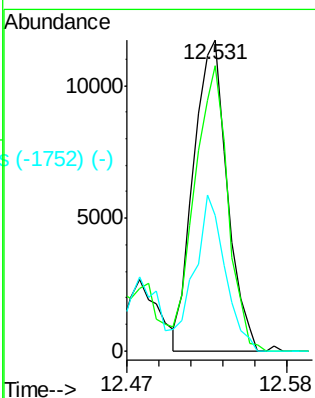
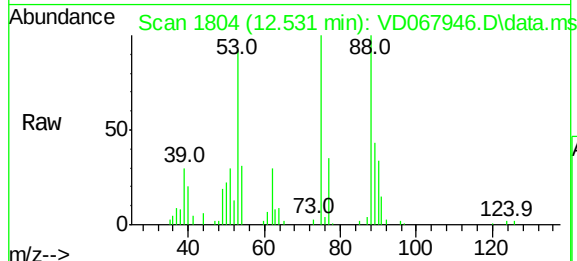
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 21.81 ug/l
RT: 12.531 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 75 Resp: 19010
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

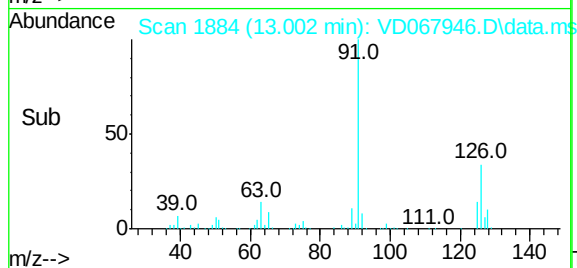
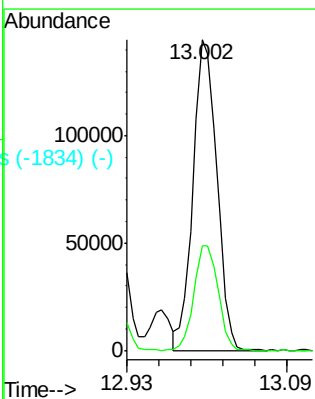
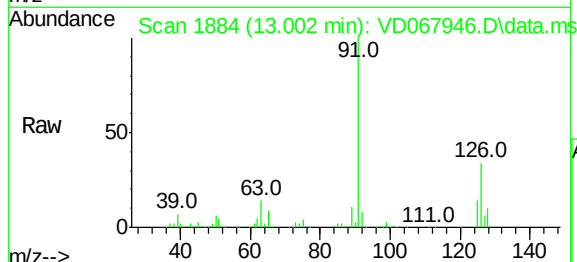
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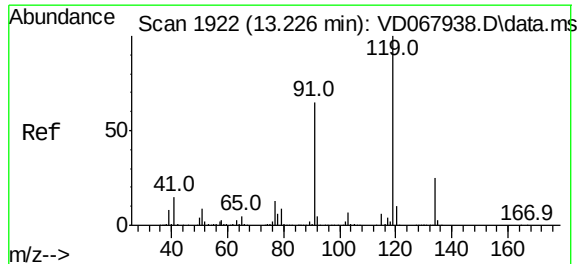
MMDadoda
12/28/2020 3:30:49 PM



#200 (-)
4-Chlorotoluene
Concen: 20.67 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion: 91 Resp: 240284
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





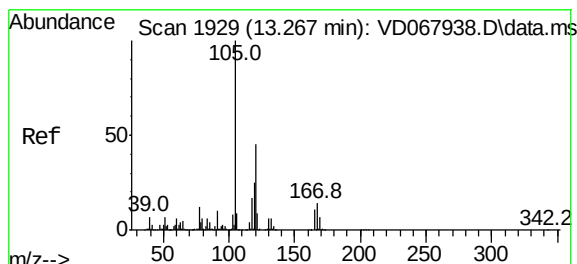
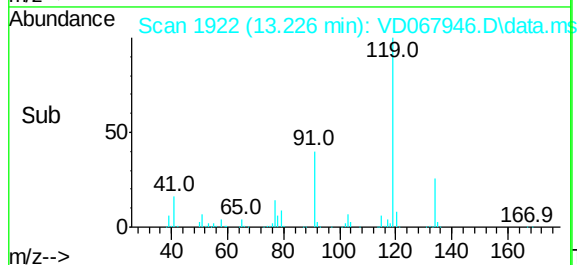
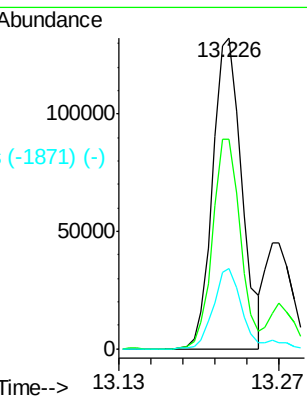
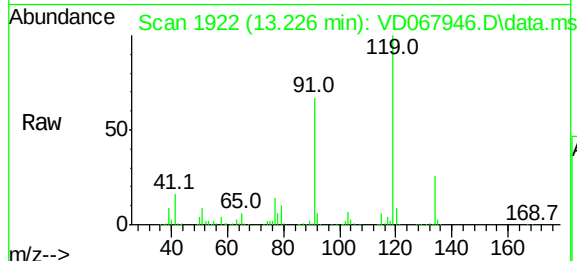
#8913 (-)
tert-Butylbenzene
Concen: 20.45 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	119	Resp:	220100
Ion Ratio	Lower	Upper	
119	100		
91	64.6	32.7	98.1
134	24.7	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

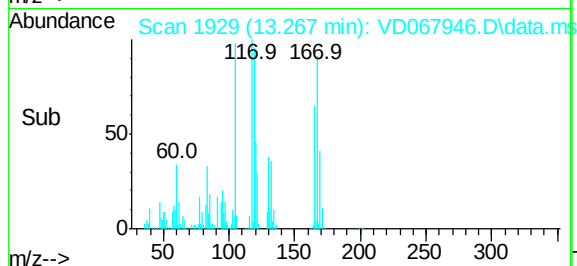
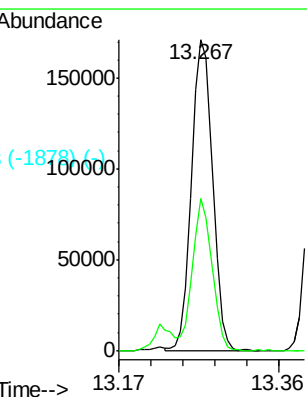
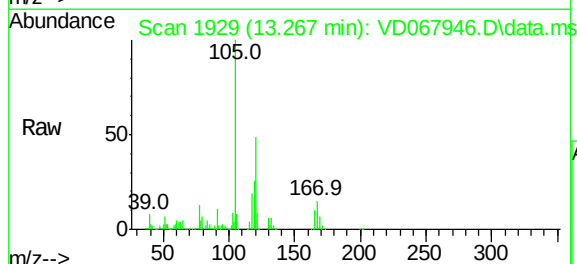
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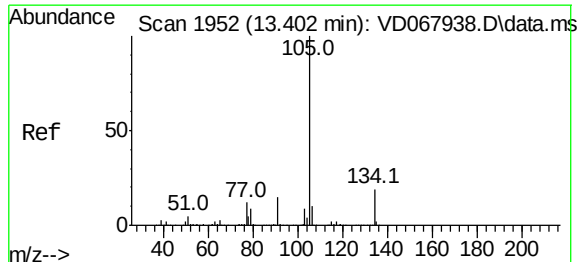
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12/28/2020 3:30:49 PM



#8916 (-)
1,2,4-Trimethylbenzene
Concen: 21.05 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	105	Resp:	276164
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.7	68.0



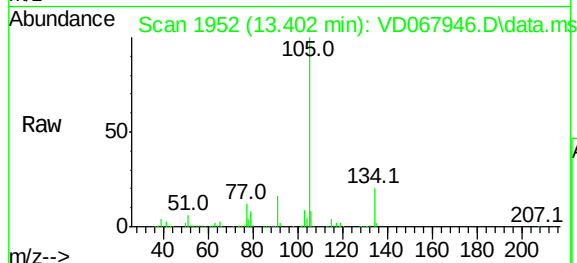


#8543 (-)
 sec-Butylbenzene
 Concen: 20.62 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

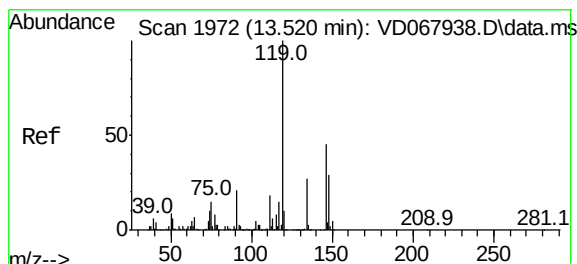
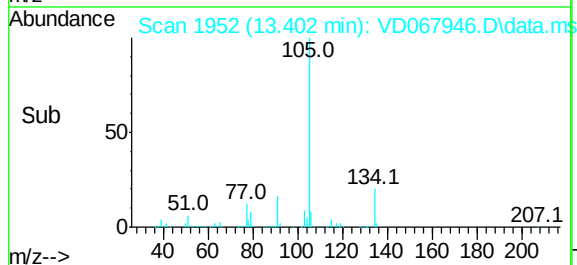
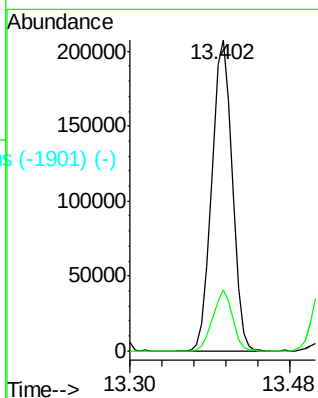
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1224SBS01

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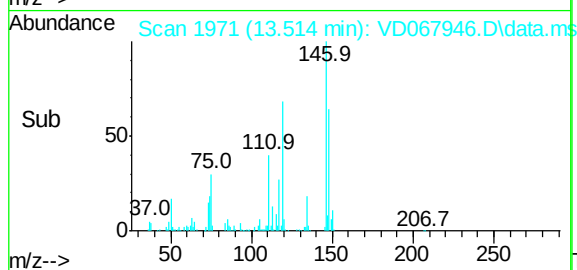
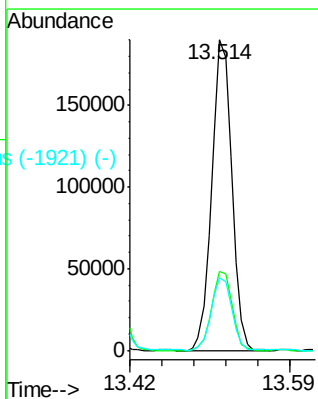
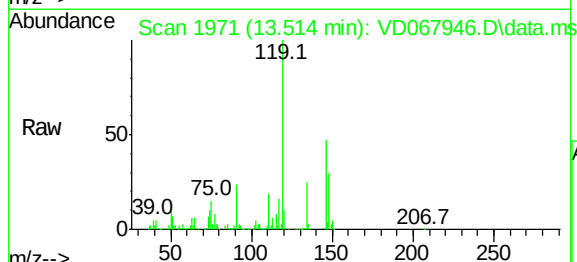


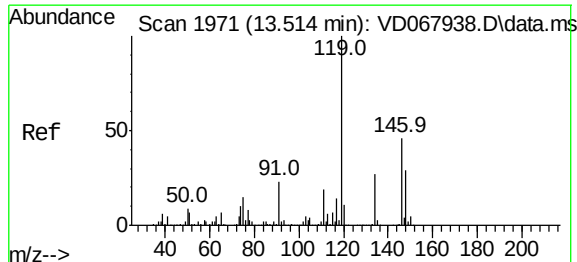
Tgt Ion:105 Resp: 324607
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1



#8564 (-)
 p-Isopropyltoluene
 Concen: 20.46 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067946.D
 Acq: 24 Dec 2020 15:16

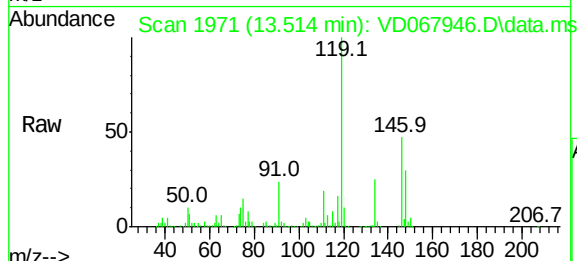
Tgt Ion:119 Resp: 283538
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 24.2 11.4 34.2





#863 (-)
1,3-Dichlorobenzene
Concen: 20.77 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

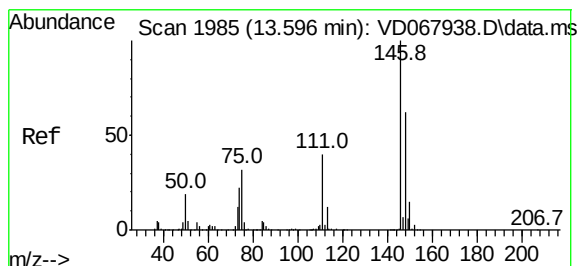
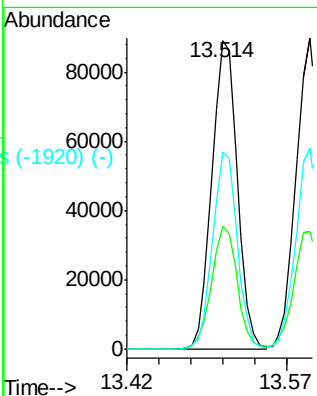
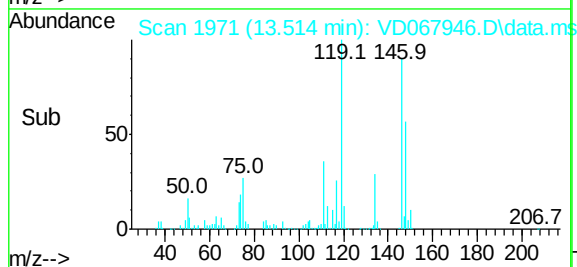
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01



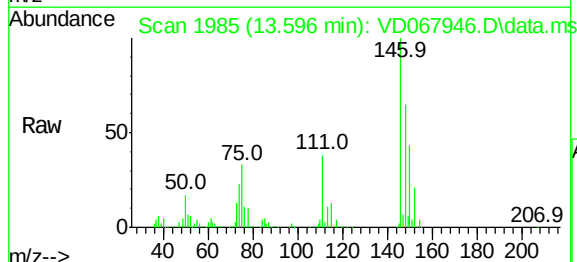
Tgt Ion:	146	Resp:	148780
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	61.9	31.8	95.4

Manual Integrations
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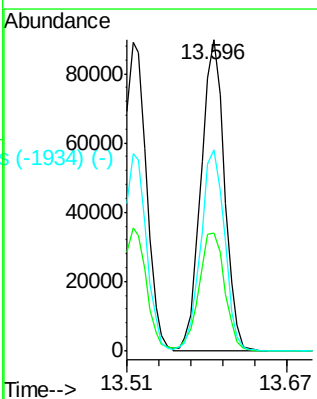
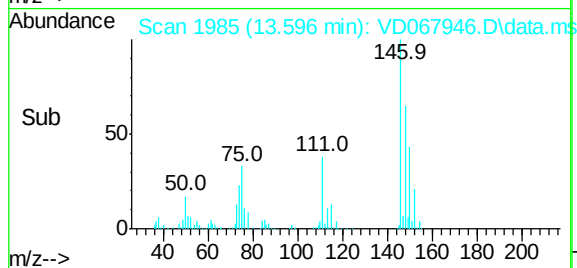
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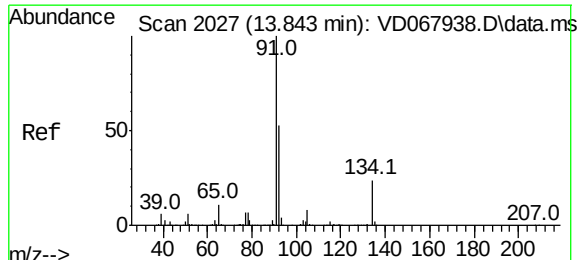


#868 (-)
1,4-Dichlorobenzene
Concen: 20.60 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16



Tgt Ion:	146	Resp:	145773
Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.4	58.2
148	65.8	31.9	95.9





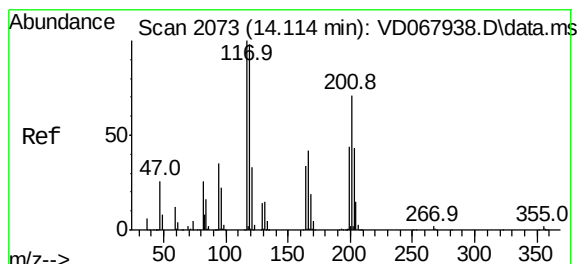
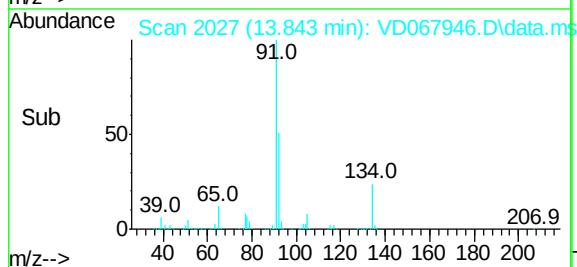
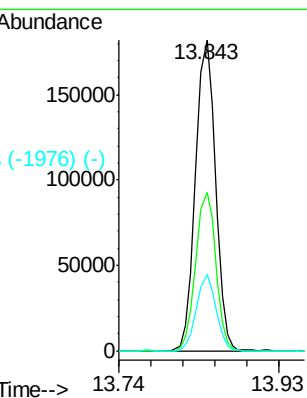
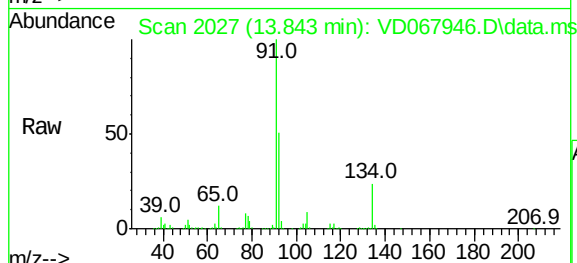
#9017 (-)
n-Butylbenzene
Concen: 20.13 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.3
134	23.8	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

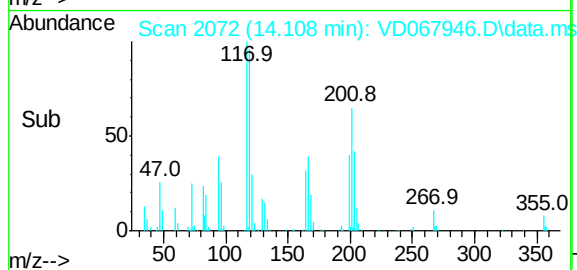
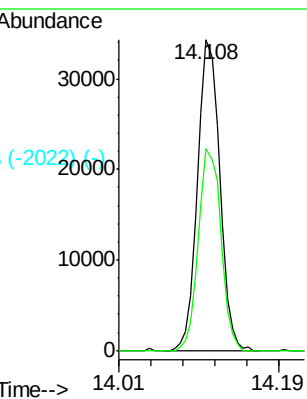
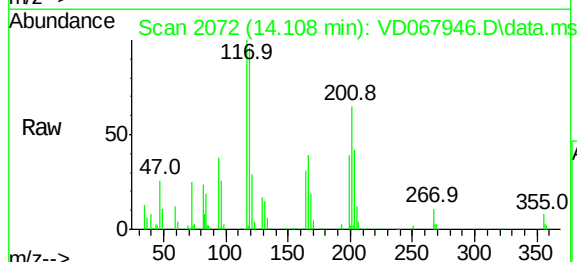
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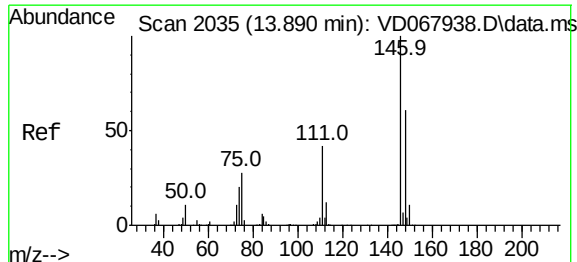
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#9064 (-)
Hexachloroethane
Concen: 20.53 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	34.3	102.8





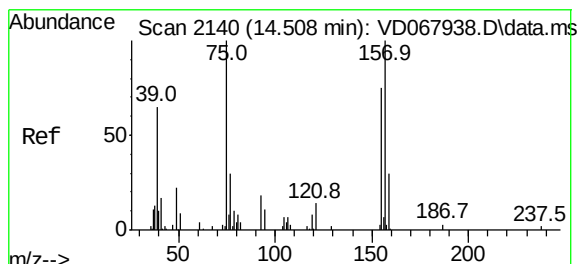
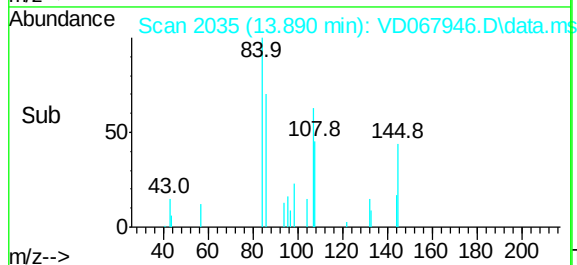
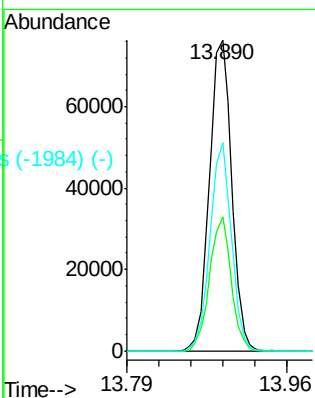
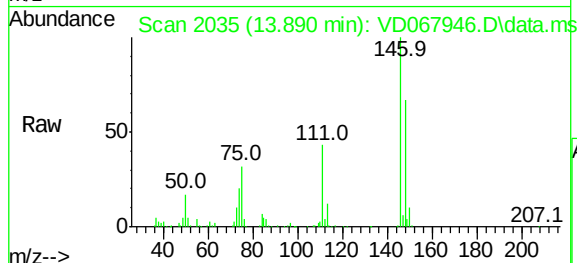
1,2-Dichlorobenzene
Concen: 21.12 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	146	Resp:	127399
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.1	31.6	95.0

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01

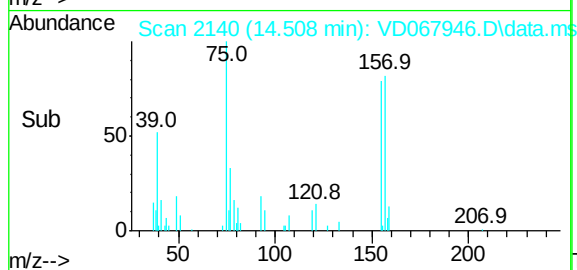
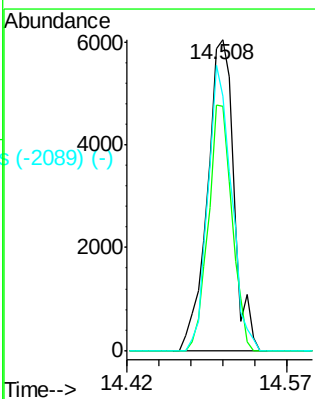
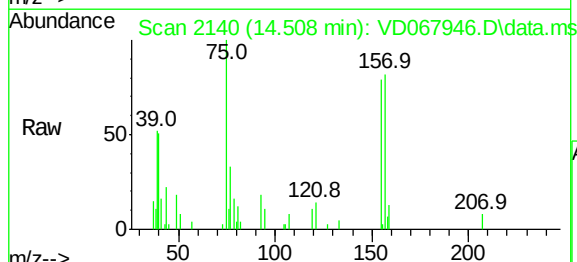
Manual Integrations
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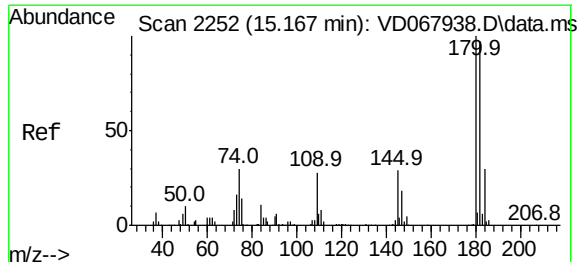
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1,2-Dibromo-3-Chloropropane
Concen: 22.82 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

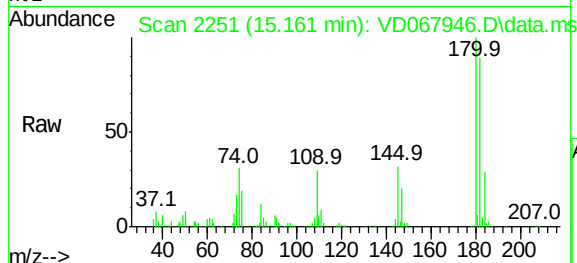
Tgt Ion:	75	Resp:	10439
Ion	Ratio	Lower	Upper
75	100		
155	70.7	39.8	119.3
157	81.5	50.6	151.9





1,2,4-Trichlorobenzene
Concen: 20.90 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

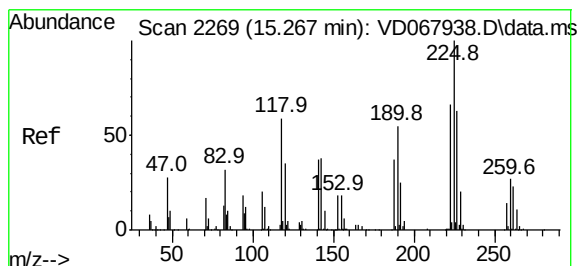
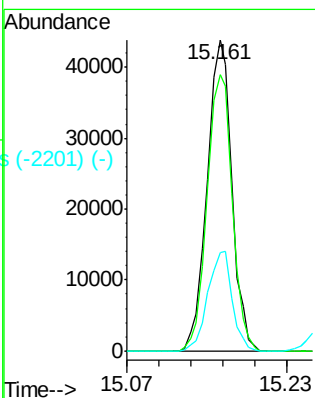
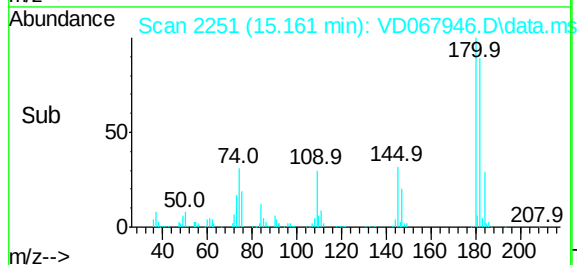
Instrument :
MSVOA_D
ClientSampleId :
VD1224SBSD01



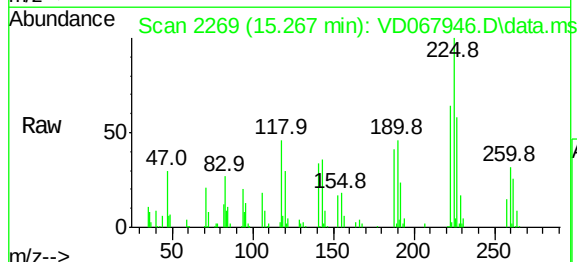
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.0	144.2
145	31.8	15.8	47.3

Manual Integrations
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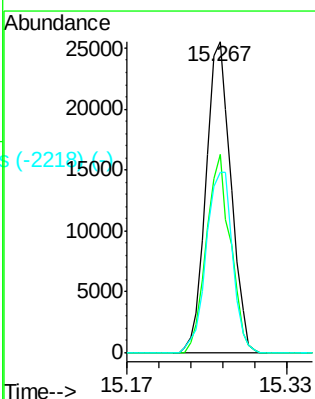
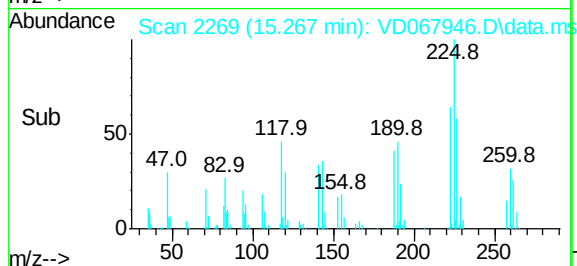
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12/28/2020 3:30:49 PM

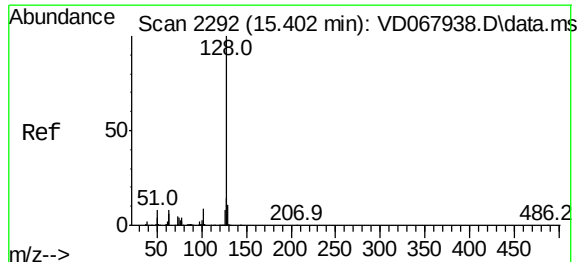


Hexachlorobutadiene
Concen: 21.06 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16



Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	33.4	100.2
227	61.4	31.7	95.1





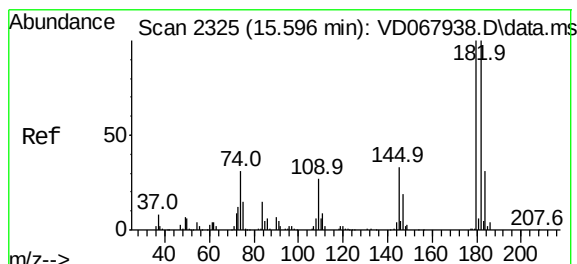
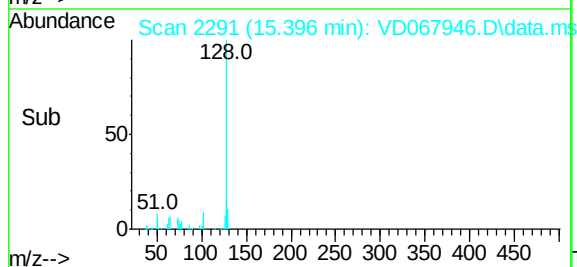
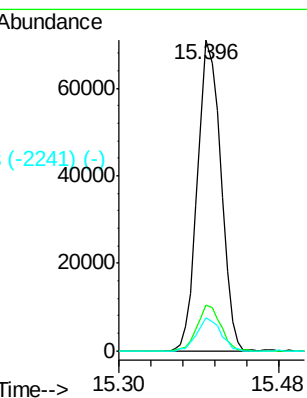
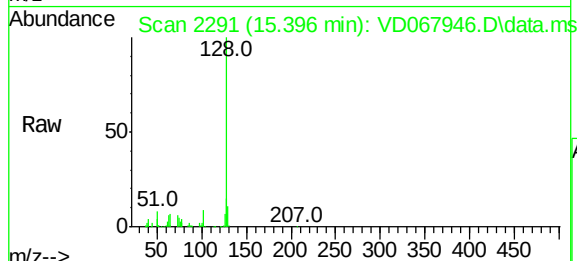
#2292 (-)
Naphthalene
Concen: 20.09 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	128	Resp:	127145
Ion Ratio	Lower	Upper	
128	100		
127	14.7	11.2	16.8
129	10.7	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
VD1224SBS01

Manual Integrations
APPROVED

MMDadoda
12/28/2020 3:30:49 PM



#2325 (-)
1,2,3-Trichlorobenzene
Concen: 20.92 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VD067946.D
Acq: 24 Dec 2020 15:16

Tgt Ion:	180	Resp:	64749
Ion Ratio	Lower	Upper	
180	100		
182	91.7	50.2	150.6
145	35.6	17.0	51.0

