

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067989.D
 Acq On : 04 Jan 2021 12:27
 Operator : VA/SY
 Sample : VD0104SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

Manual Integrations
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Quant Time: Jan 05 00:08:03 2021
 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	267157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	448915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	424427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	153565	53.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.46%
35) Dibromofluoromethane	7.920	113	155396	54.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.88%
50) Toluene-d8	10.344	98	570477	53.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.32%
62) 4-Bromofluorobenzene	12.632	95	195486	53.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	51824	19.05	ug/l	97
3) Chloromethane	2.209	50	67426	18.12	ug/l	98
4) Vinyl Chloride	2.350	62	64643	18.65	ug/l	98
5) Bromomethane	2.762	94	44769	17.36	ug/l	98
6) Chloroethane	2.926	64	40335	18.93	ug/l	98
7) Trichlorofluoromethane	3.273	101	107985	21.14	ug/l	88
8) Diethyl Ether	3.709	74	31248	21.33	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	63943	21.00	ug/l	98
10) Methyl Iodide	4.303	142	54343	19.99	ug/l	99
11) Tert butyl alcohol	5.220	59	24890	119.77	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	57803	19.79	ug/l	88
13) Acrolein	3.932	56	17194	83.75	ug/l	93
14) Allyl chloride	4.720	41	99315	19.12	ug/l	96
15) Acrylonitrile	5.426	53	67638	96.46	ug/l	98
16) Acetone	4.162	43	58984	107.09	ug/l	96
17) Carbon Disulfide	4.409	76	198388	19.49	ug/l	99
18) Methyl Acetate	4.715	43	31951	19.63	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	125581	20.68	ug/l	93
20) Methylene Chloride	4.962	84	77307	16.75	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	71484	20.48	ug/l	95
22) Diisopropyl ether	6.367	45	210472	20.12	ug/l	99
23) Vinyl Acetate	6.309	43	515364	96.93	ug/l	97
24) 1,1-Dichloroethane	6.267	63	126120	19.92	ug/l	98
25) 2-Butanone	7.214	43	81035	99.76	ug/l	97
26) 2,2-Dichloropropane	7.214	77	106244	21.30	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	76697	20.57	ug/l	97
28) Bromochloromethane	7.550	49	46264	19.38	ug/l	94
29) Tetrahydrofuran	7.556	42	52911	96.30	ug/l	97
30) Chloroform	7.714	83	130214	20.99	ug/l	100
31) Cyclohexane	7.991	56	113754	19.29	ug/l #	96
32) 1,1,1-Trichloroethane	7.903	97	113665	21.39	ug/l	99
36) 1,1-Dichloropropene	8.114	75	99990	20.96	ug/l	99
37) Ethyl Acetate	7.291	43	36973	19.15	ug/l	98
38) Carbon Tetrachloride	8.097	117	96691	21.22	ug/l	97
39) Methylcyclohexane	9.361	83	106009	19.38	ug/l	93
40) Benzene	8.356	78	285519	20.63	ug/l	94
41) Methacrylonitrile	7.538	41	21452m	19.74	ug/l	

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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	76922	20.61	ug/l	100
43) Isopropyl Acetate	8.450	43	72266	20.39	ug/l	98
44) Trichloroethene	9.120	130	72960	21.03	ug/l	97
45) 1,2-Dichloropropane	9.391	63	74612	21.17	ug/l	94
46) Dibromomethane	9.479	93	37944	22.15	ug/l	96
47) Bromodichloromethane	9.667	83	99836	21.60	ug/l #	95
48) Methyl methacrylate	9.461	41	38021	20.76	ug/l	97
49) 1,4-Dioxane	9.467	88	7993	427.40	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	188059	102.48	ug/l	99
52) Toluene	10.408	92	180138	21.08	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	89629	21.45	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	107108	20.71	ug/l	96
55) 1,1,2-Trichloroethane	10.803	97	51862	21.67	ug/l	94
56) Ethyl methacrylate	10.661	69	54413	20.23	ug/l	96
57) 1,3-Dichloropropane	10.950	76	87205	20.72	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	118863	87.82	ug/l	99
59) 2-Hexanone	10.985	43	126148	104.61	ug/l	95
60) Dibromochloromethane	11.144	129	63633	21.46	ug/l	99
61) 1,2-Dibromoethane	11.250	107	48706	21.21	ug/l	96
64) Tetrachloroethene	10.879	164	61479	20.65	ug/l	96
65) Chlorobenzene	11.673	112	183118	20.00	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	67088	20.53	ug/l	98
67) Ethyl Benzene	11.744	91	328183	20.10	ug/l	99
68) m/p-Xylenes	11.855	106	256319	41.19	ug/l	98
69) o-Xylene	12.185	106	110523	19.85	ug/l	99
70) Styrene	12.197	104	198205	20.60	ug/l	99
71) Bromoform	12.361	173	33146	20.07	ug/l #	99
73) Isopropylbenzene	12.485	105	302358	19.91	ug/l	99
74) N-ethyl acetate	12.291	43	67265	19.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	59566	21.15	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	35881m	20.83	ug/l	
77) Bromobenzene	12.761	156	71497	20.59	ug/l	98
78) n-propylbenzene	12.820	91	384828	20.39	ug/l	99
79) 2-Chlorotoluene	12.908	91	217417	20.39	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	260443	20.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	18213	21.68	ug/l	96
82) 4-Chlorotoluene	13.008	91	228701	20.41	ug/l	100
83) tert-Butylbenzene	13.226	119	207289	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	260195	20.57	ug/l	99
85) sec-Butylbenzene	13.402	105	311284	20.51	ug/l	99
86) p-Isopropyltoluene	13.514	119	275376	20.62	ug/l	98
87) 1,3-Dichlorobenzene	13.520	146	139692	20.23	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	134442	19.71	ug/l	95
89) n-Butylbenzene	13.844	91	267038	20.16	ug/l	98
90) Hexachloroethane	14.114	117	55702	20.41	ug/l	95
91) 1,2-Dichlorobenzene	13.891	146	118681	20.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	8941	20.28	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	72272	20.94	ug/l	97
94) Hexachlorobutadiene	15.273	225	43311	21.44	ug/l	99
95) Naphthalene	15.402	128	119313	19.56	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	62421	20.93	ug/l	97

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

Instrument :

MSVOA_D

ClientSampleId :

VD0104SBSD01

Manual Integrations

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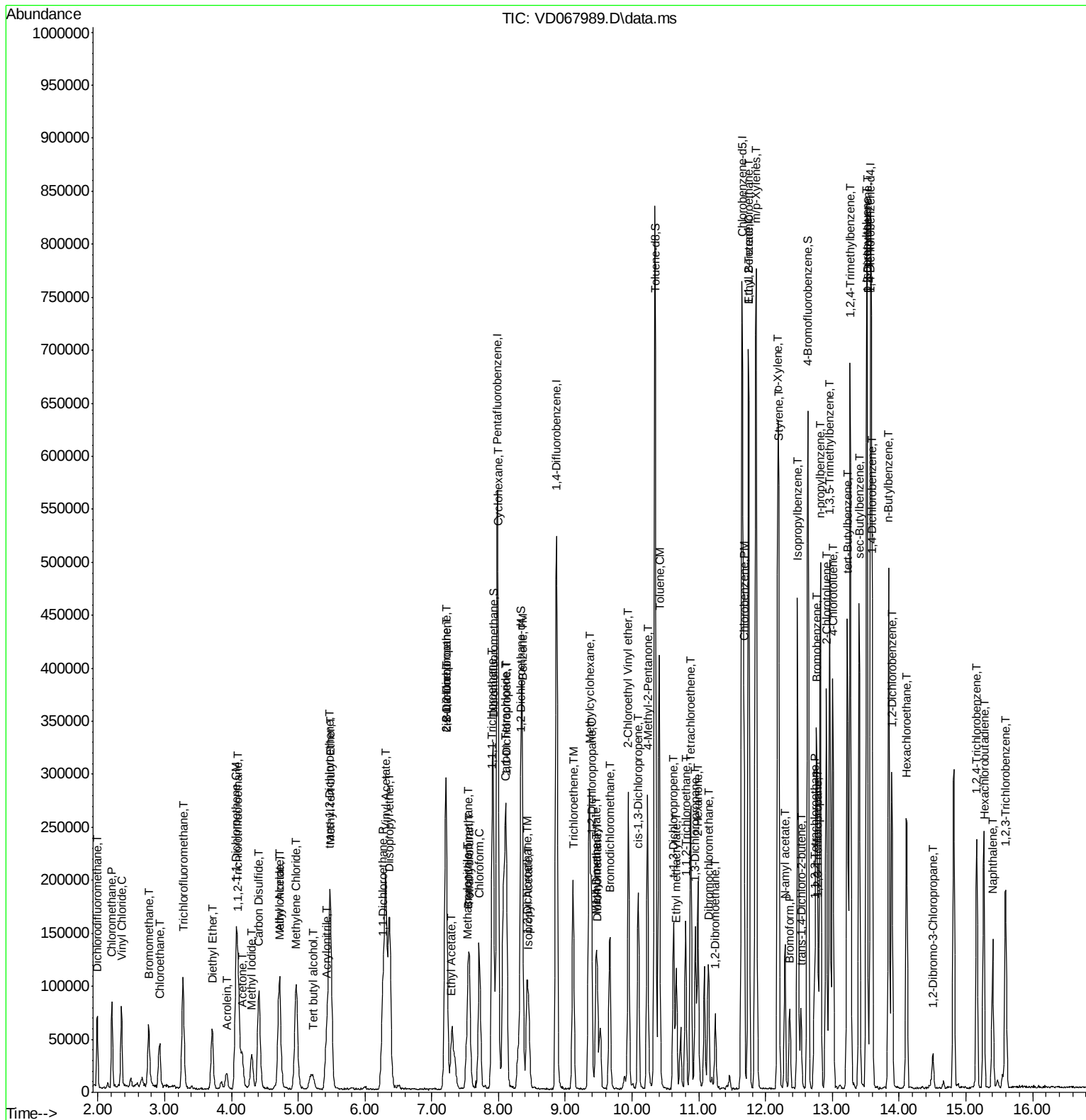
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 Data File : VD067989.D
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 Operator : VA/SY
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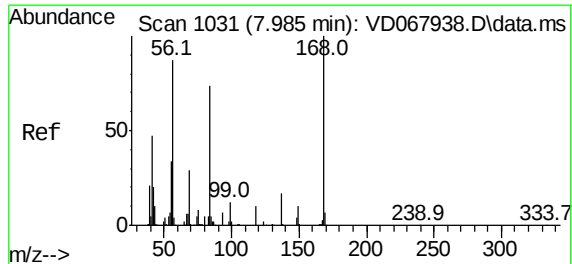
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

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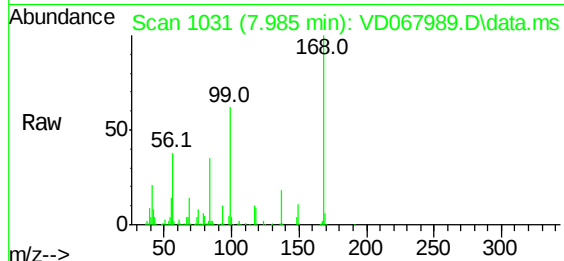


#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

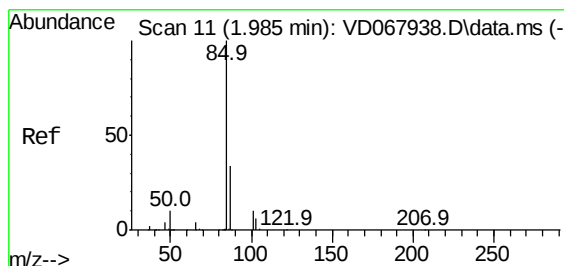
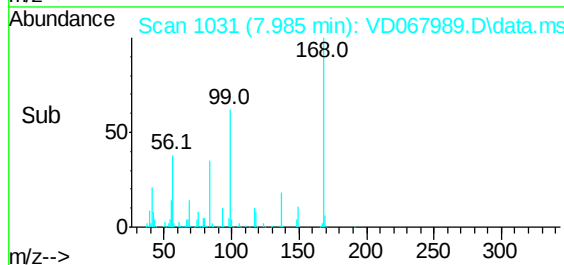
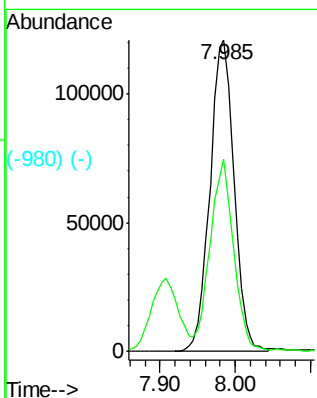
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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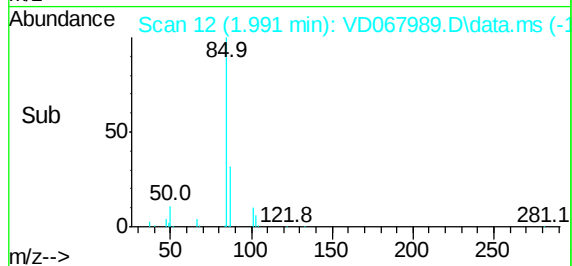
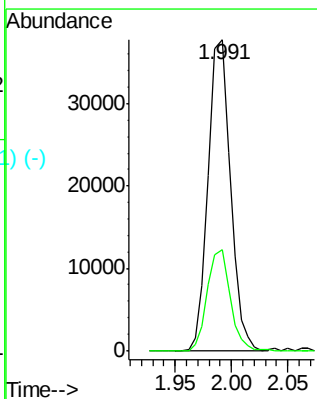
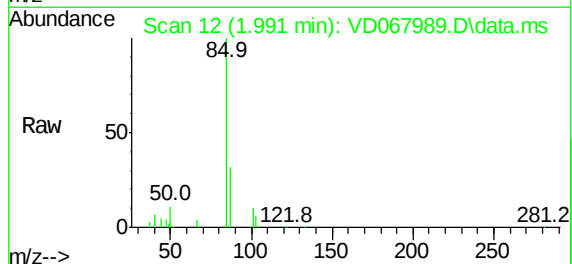


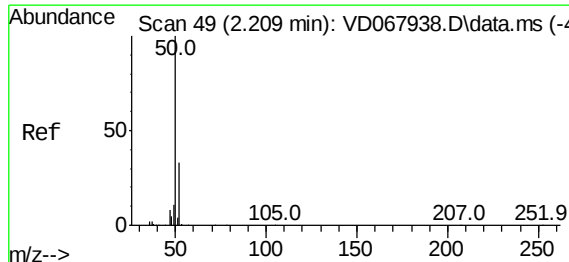
Tgt Ion:168 Resp: 267157
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 19.05 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 85 Resp: 51824
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3





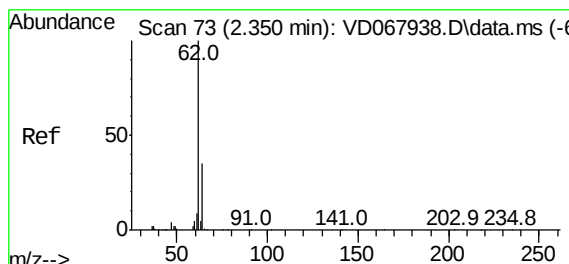
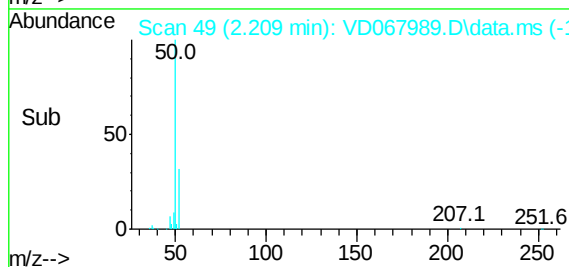
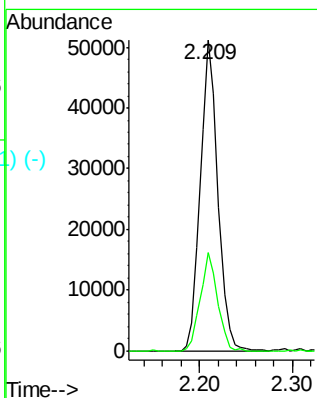
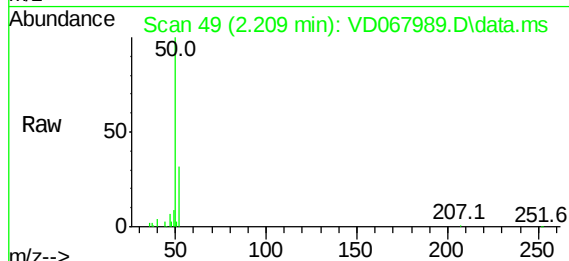
Chloromethane
 Concen: 18.12 ug/l
 RT: 2.209 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion:	50	Resp:	67426
Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.2	39.4

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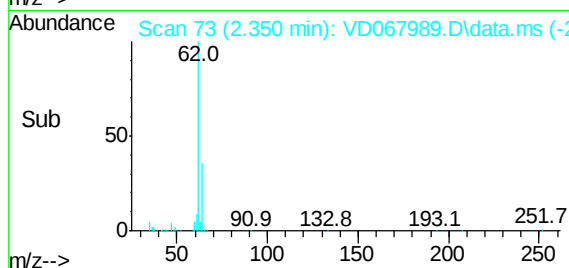
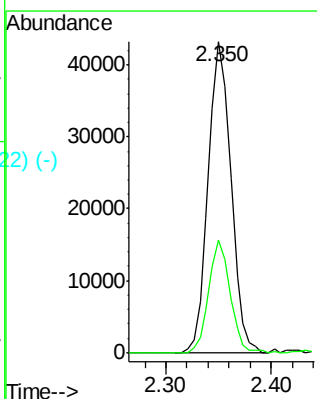
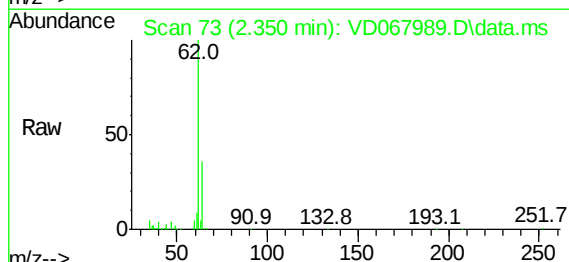
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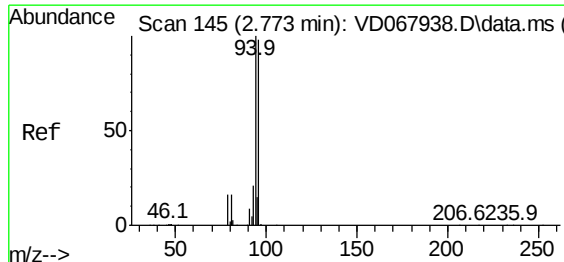
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Vinyl Chloride
 Concen: 18.65 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion:	62	Resp:	64643
Ion	Ratio	Lower	Upper
62	100		
64	36.2	28.1	42.1





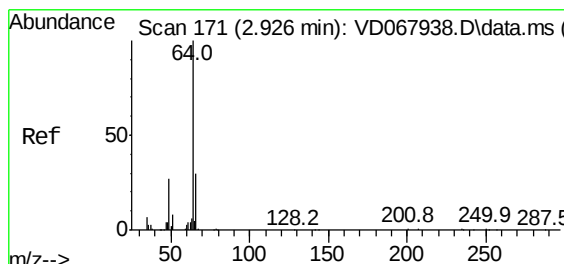
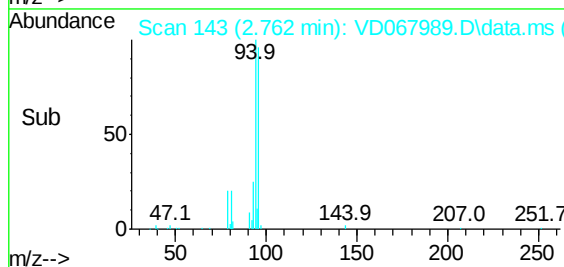
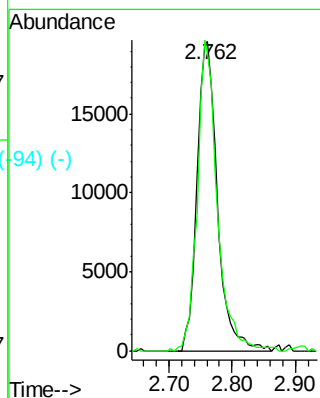
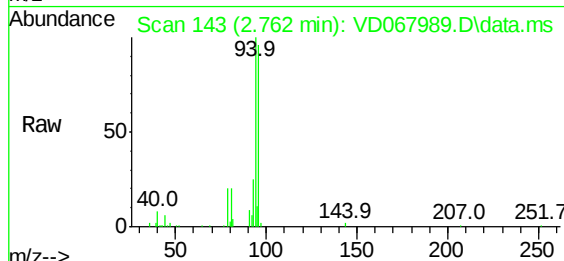
Bromomethane
 Concen: 17.36 ug/l
 RT: 2.762 min Scan# 143
 Delta R.T. -0.011 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion:	94	Resp:	44769
Ion	Ratio	Lower	Upper
94	100		
96	95.3	78.0	117.0

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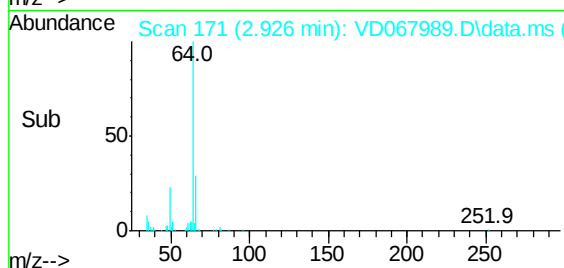
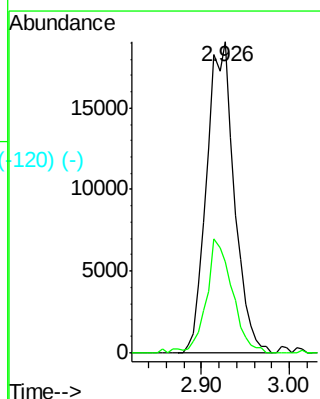
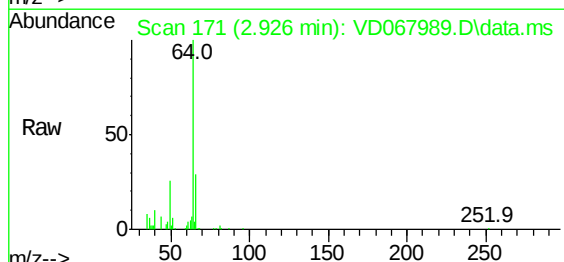
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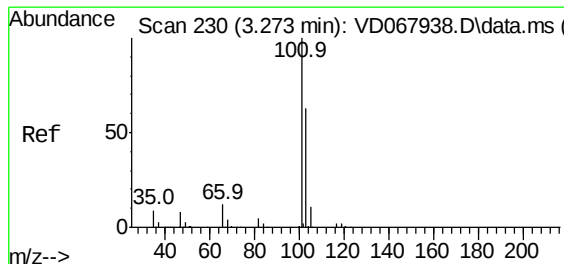
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Chloroethane
 Concen: 18.93 ug/l
 RT: 2.926 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

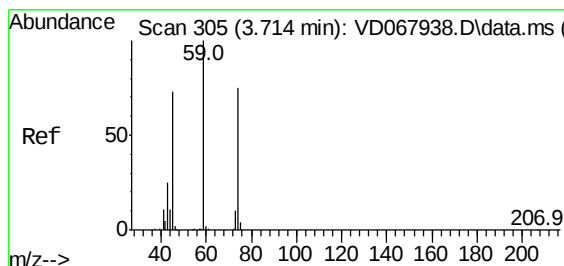
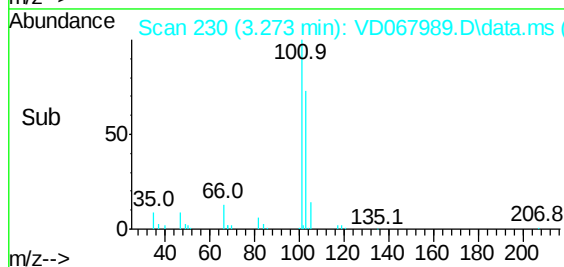
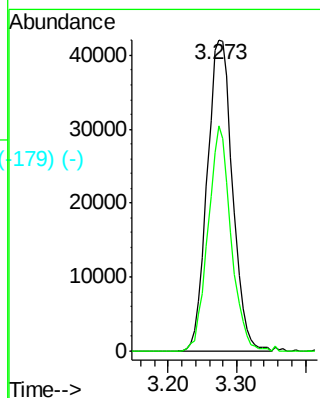
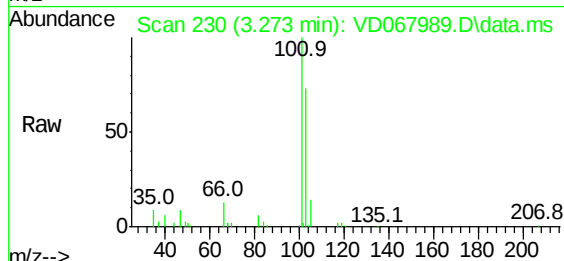
Tgt Ion:	64	Resp:	40335
Ion	Ratio	Lower	Upper
64	100		
66	29.2	24.1	36.1





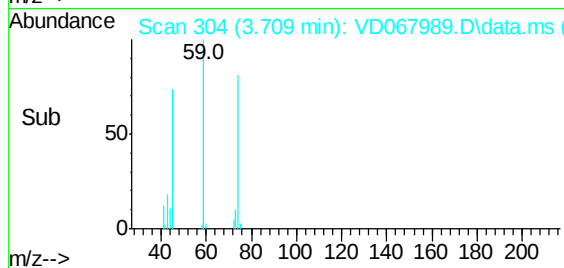
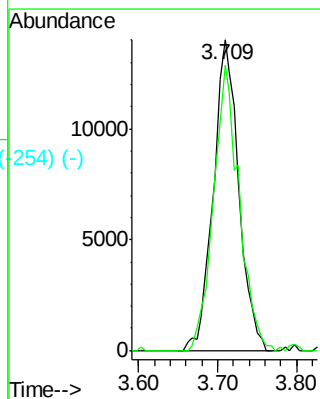
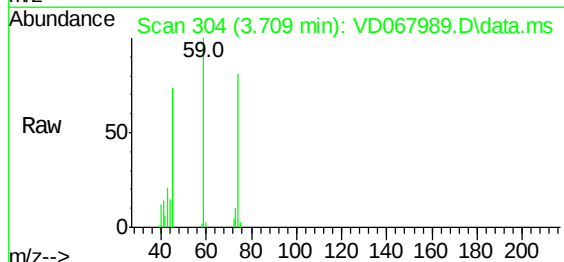
Trichlorofluoromethane
 Concen: 21.14 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 101 Resp: 107985
 Ion Ratio Lower Upper
 101 100
 103 72.6 50.4 75.6



Diethyl Ether
 Concen: 21.33 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067989.D
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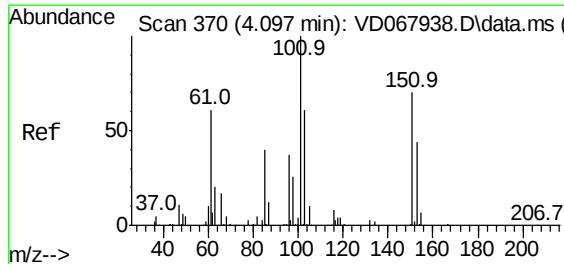
Tgt Ion: 74 Resp: 31248
 Ion Ratio Lower Upper
 74 100
 45 93.2 51.8 155.5



Instrument :
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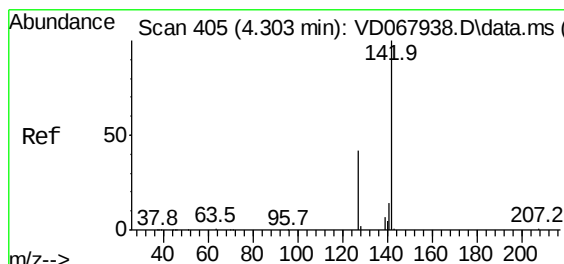
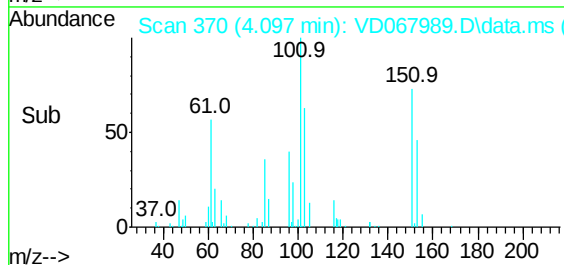
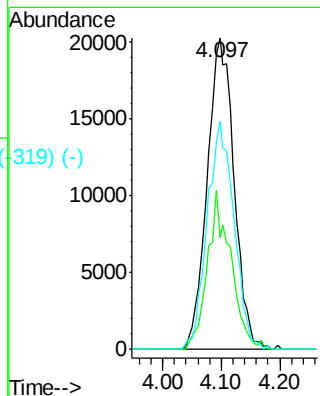
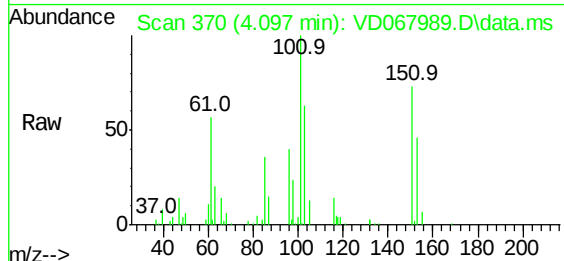
1,1,2-Trichlorotrifluoroethane
Concen: 21.00 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	101	Resp:	63943
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.2	51.2
151	73.5	57.6	86.4

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

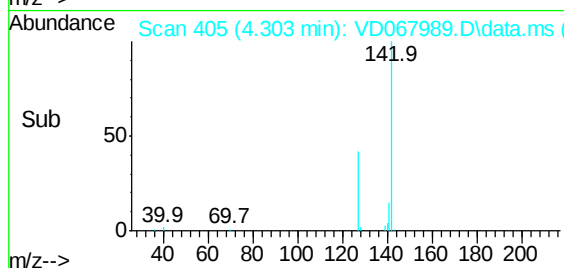
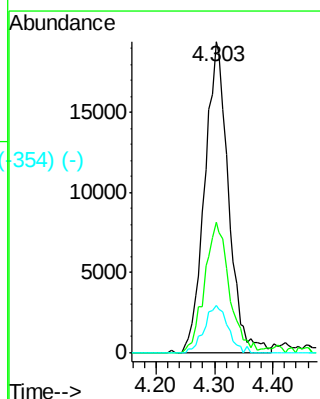
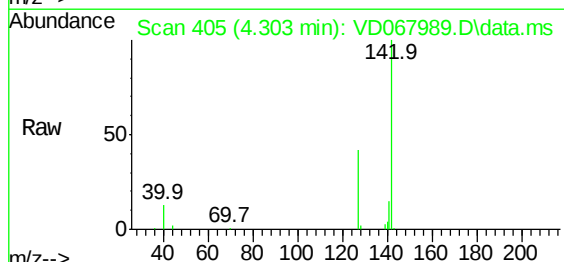
Manual Integrations
APPROVED

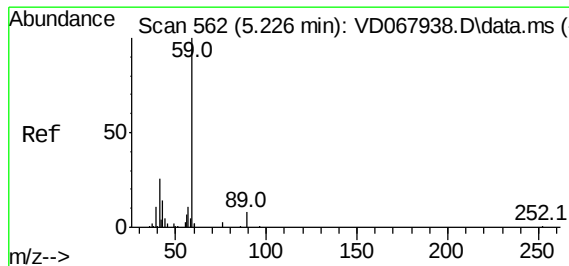
MMDadoda
1/5/2021 1:36:56 PM



Methyl Iodide
Concen: 19.99 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	142	Resp:	54343
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.4	51.6
141	15.0	11.8	17.8





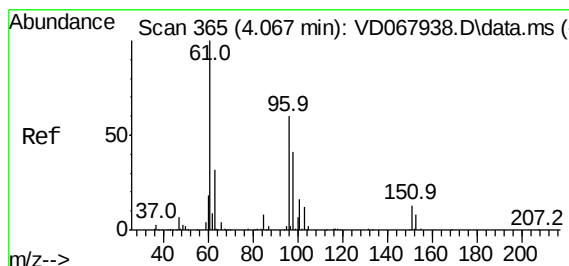
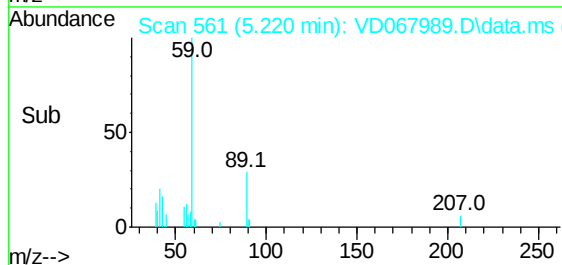
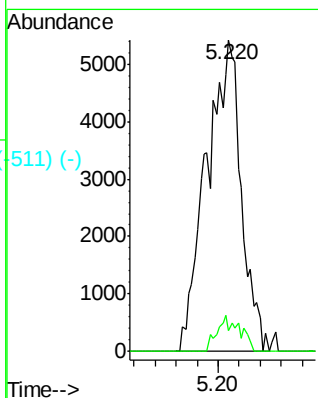
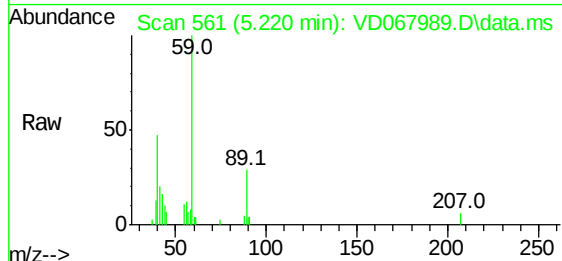
Tert butyl alcohol
Concen: 119.77 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

Tgt Ion: 59 Resp: 24890
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.2#

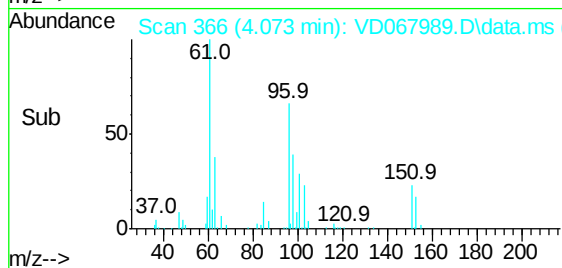
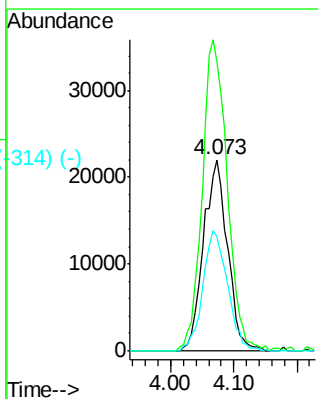
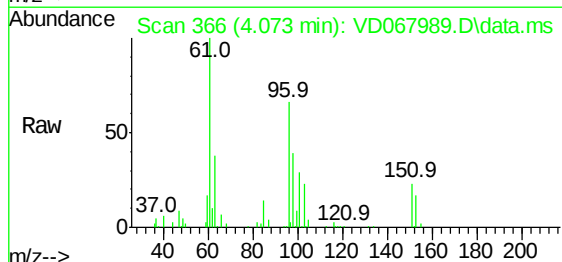
Manual Integrations
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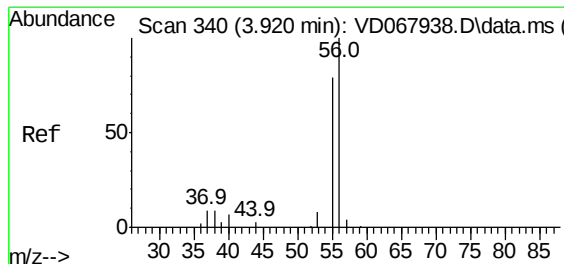
MMDadoda
1/5/2021 1:36:56 PM



1,1-Dichloroethene
Concen: 19.79 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 96 Resp: 57803
Ion Ratio Lower Upper
96 100
61 151.2 133.6 200.4
98 59.4 54.8 82.2





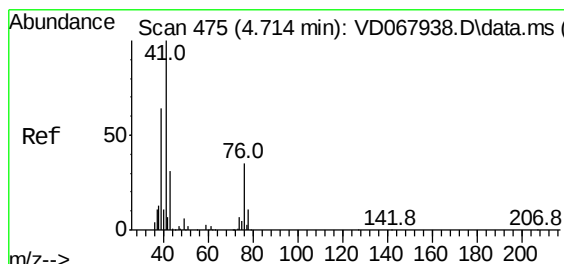
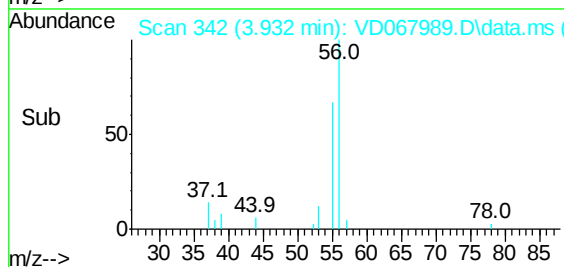
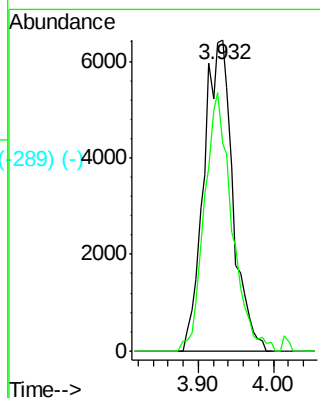
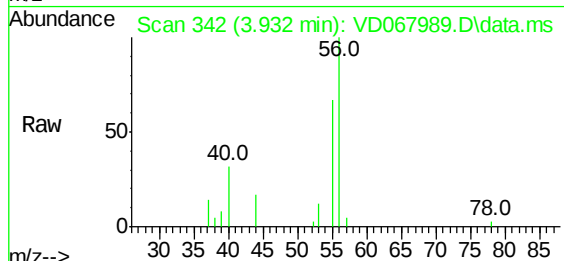
Acrolein
Concen: 83.75 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 56 Resp: 17194
Ion Ratio Lower Upper
56 100
55 78.8 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

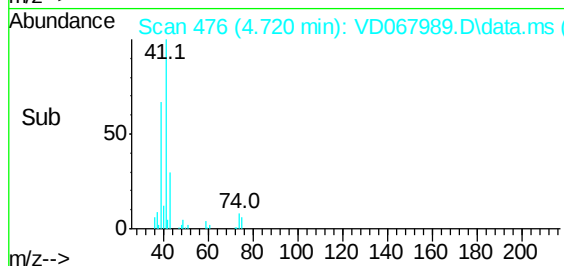
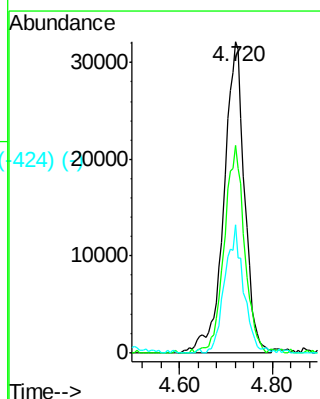
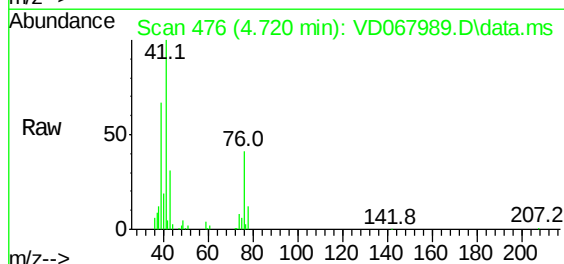
Manual Integrations
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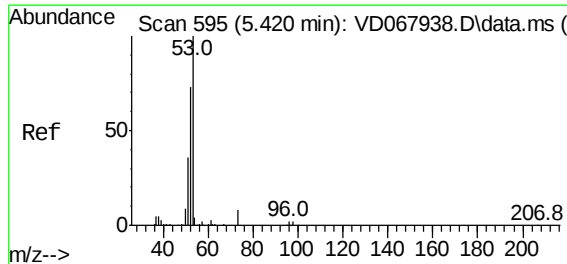
MMDadoda
1/5/2021 1:36:56 PM



Allyl chloride
Concen: 19.12 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 41 Resp: 99315
Ion Ratio Lower Upper
41 100
39 65.3 50.5 75.7
76 36.7 27.0 40.4





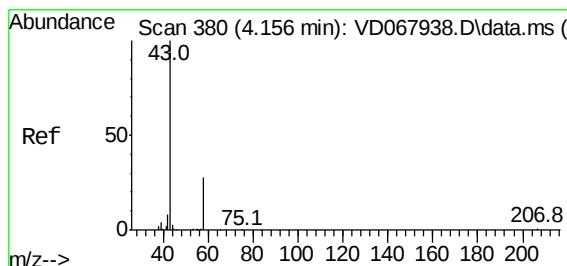
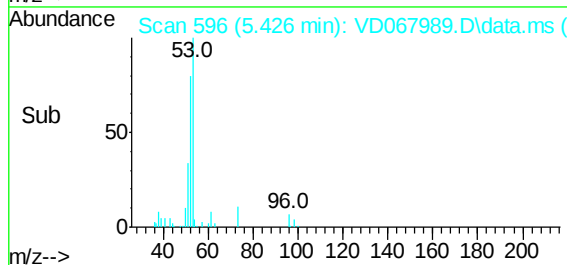
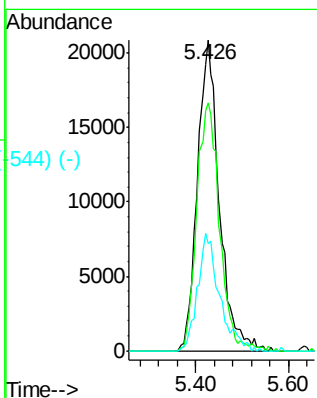
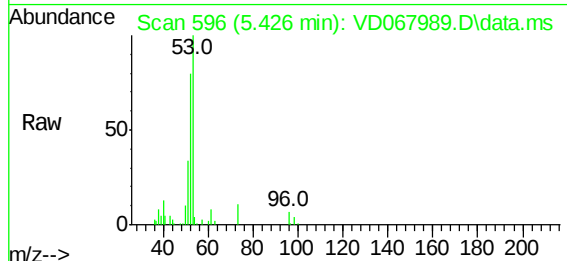
Acrylonitrile
Concen: 96.46 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	53	Resp:	67638
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.3	97.9
51	37.9	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

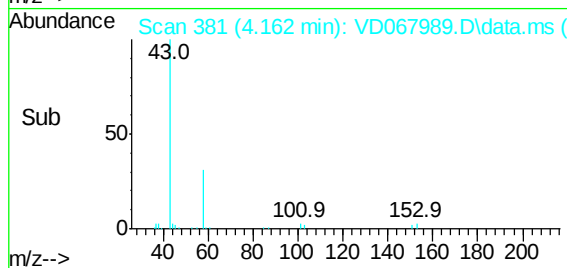
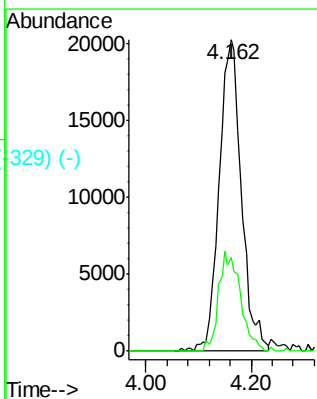
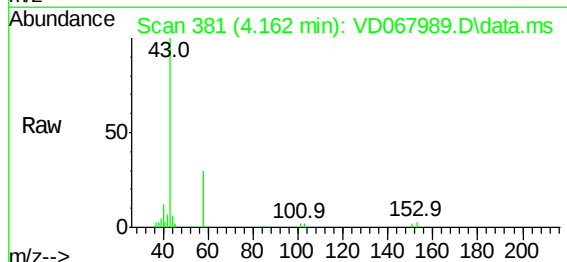
Manual Integrations
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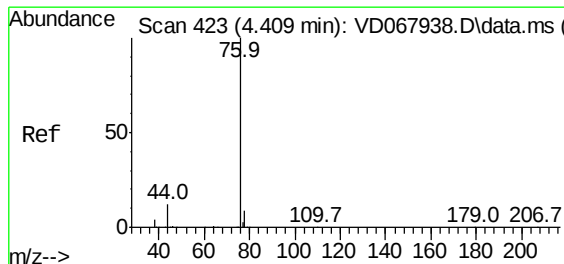
MMDadoda
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Acetone
Concen: 107.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	43	Resp:	58984
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.3	33.5





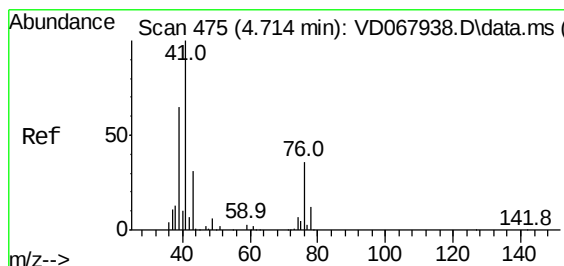
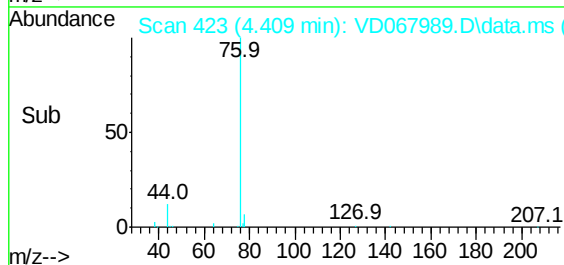
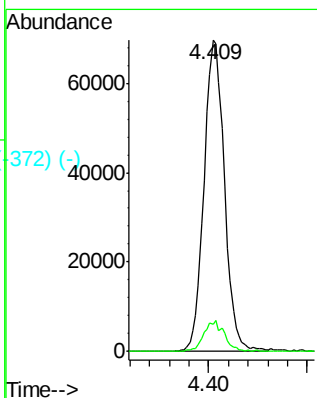
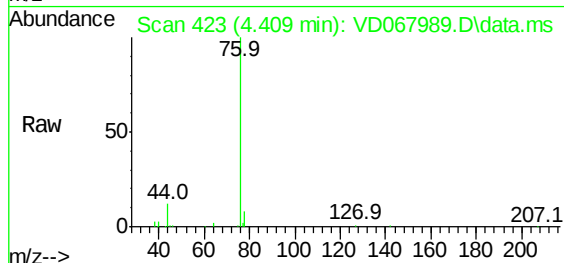
Carbon Disulfide
Concen: 19.49 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

Tgt Ion: 76 Resp: 198388
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

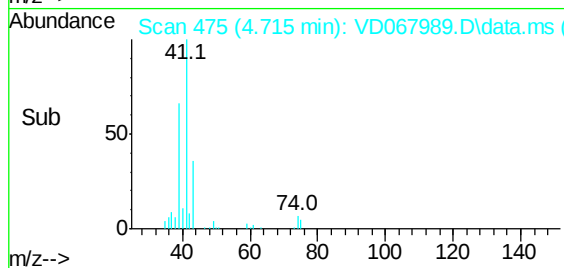
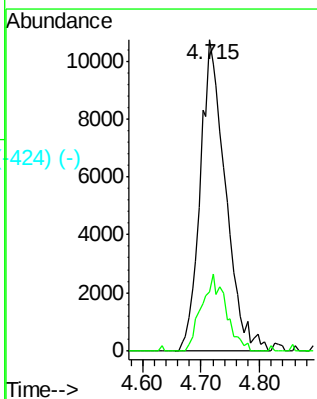
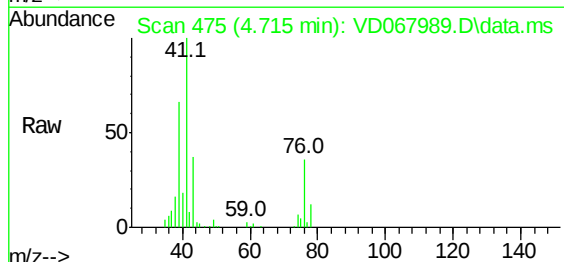
Manual Integrations
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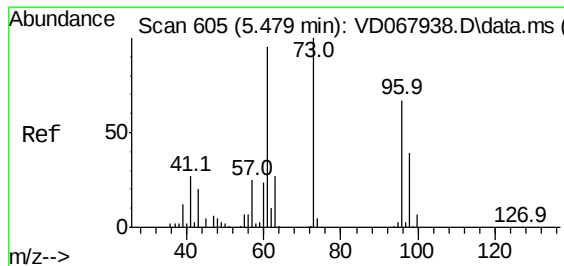
MMDadoda
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Methyl Acetate
Concen: 19.63 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 43 Resp: 31951
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.2





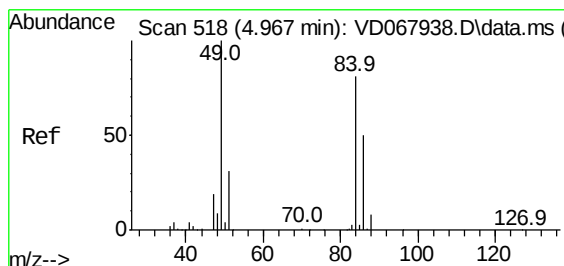
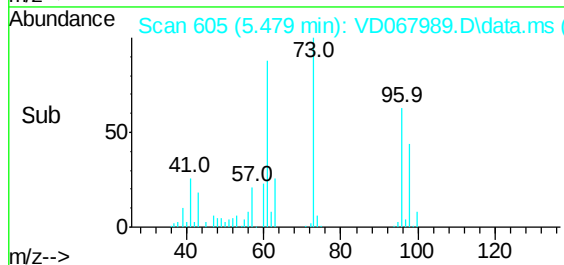
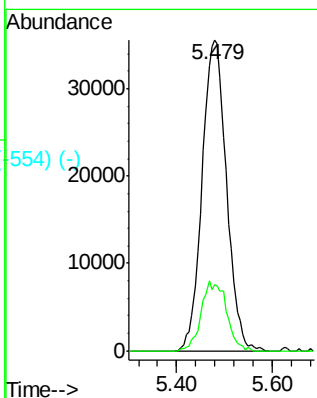
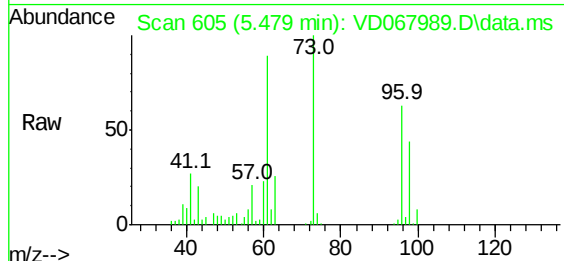
Methyl tert-butyl Ether
 Concen: 20.68 ug/l
 RT: 5.479 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 73 Resp: 125581
 Ion Ratio Lower Upper
 73 100
 57 21.2 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBS01

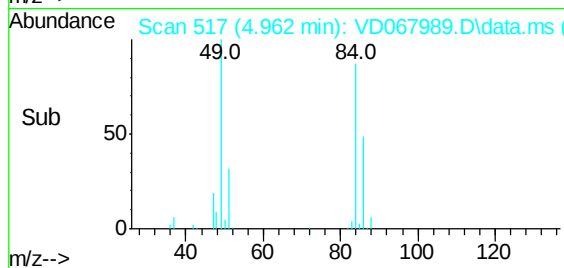
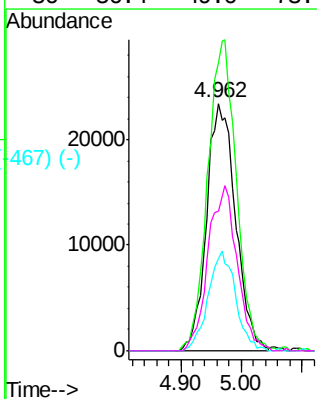
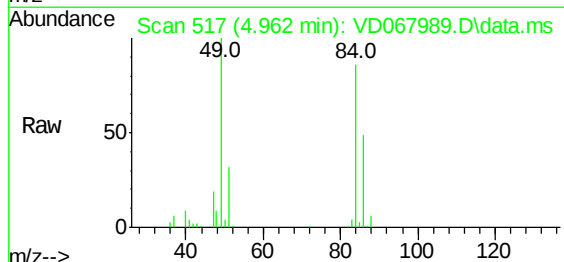
Manual Integrations
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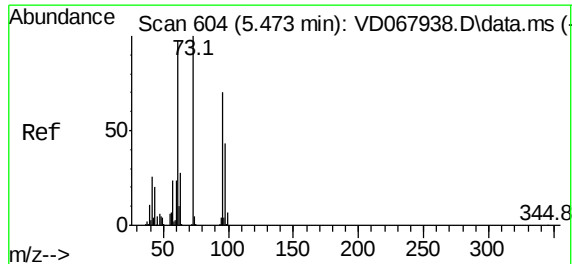
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Methylene Chloride
 Concen: 16.75 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.005 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 84 Resp: 77307
 Ion Ratio Lower Upper
 84 100
 49 116.2 98.3 147.5
 51 37.3 30.3 45.5
 86 56.4 49.0 73.4





trans-1,2-Dichloroethene
Concen: 20.48 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

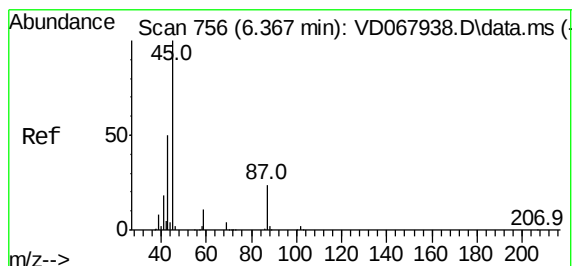
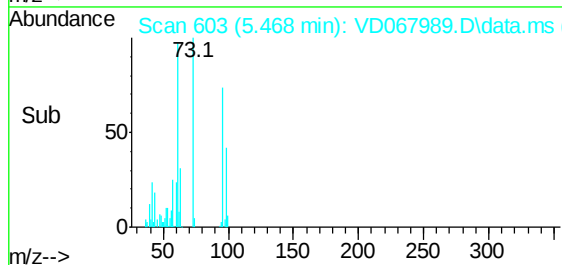
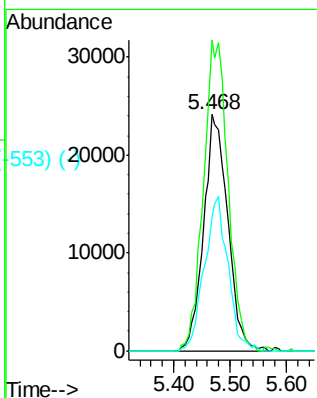
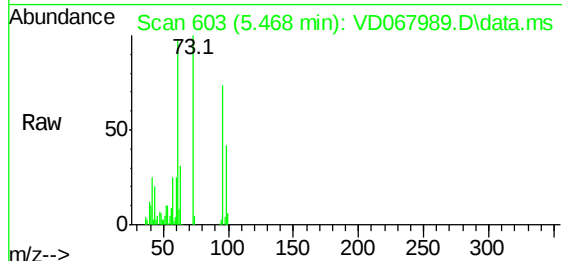
Tgt Ion: 96 Resp: 71484

Ion	Ratio	Lower	Upper
96	100		
61	131.6	109.9	164.9
98	57.1	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

Manual Integrations
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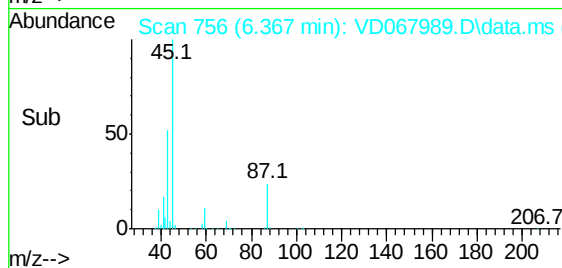
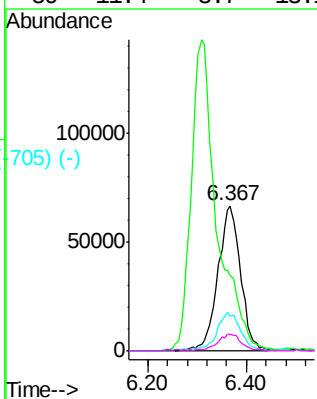
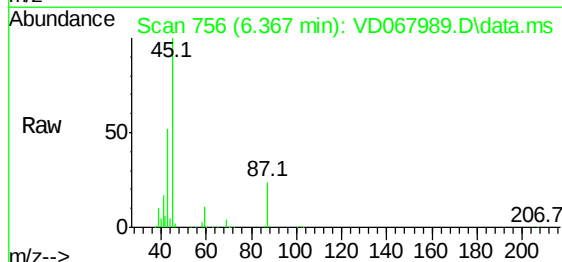
MMDadoda
1/5/2021 1:36:56 PM

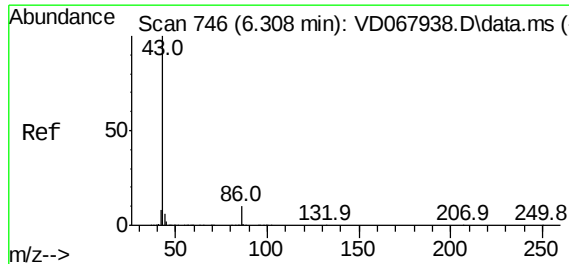


Diisopropyl ether
Concen: 20.12 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 45 Resp: 210472

Ion	Ratio	Lower	Upper
45	100		
43	51.3	40.2	60.4
87	23.8	19.2	28.8
59	11.4	8.7	13.1





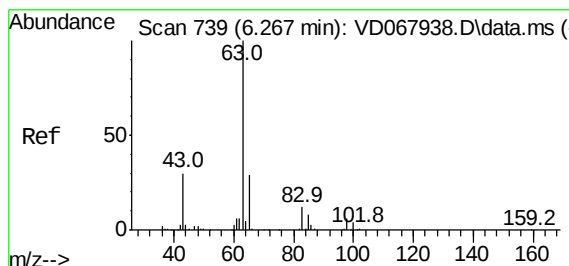
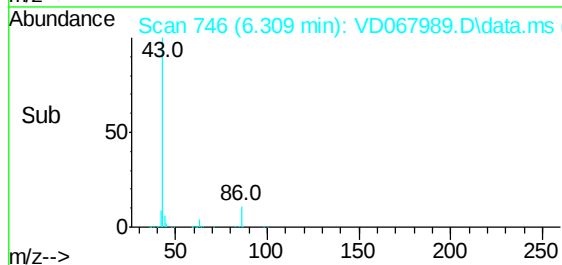
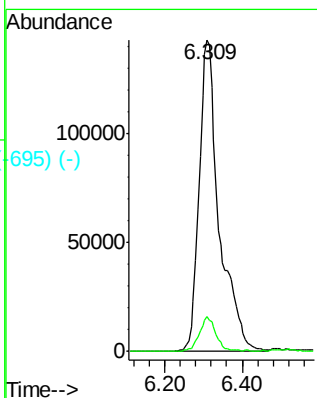
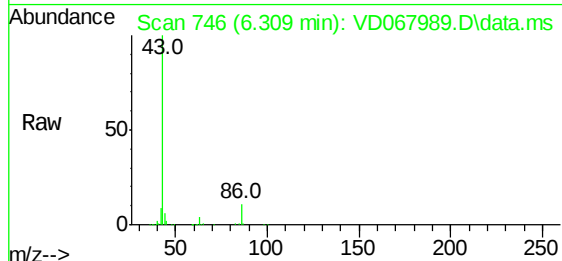
Vinyl Acetate
Concen: 96.93 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 43 Resp: 515364
Ion Ratio Lower Upper
43 100
86 10.9 7.9 11.9

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

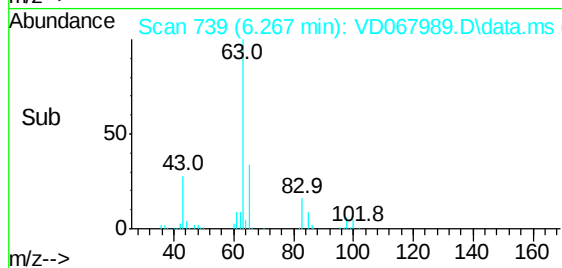
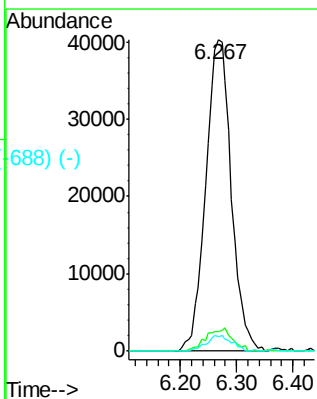
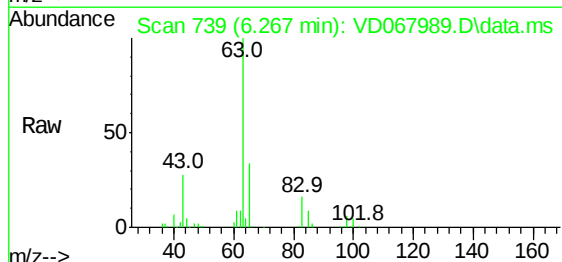
Manual Integrations
APPROVED

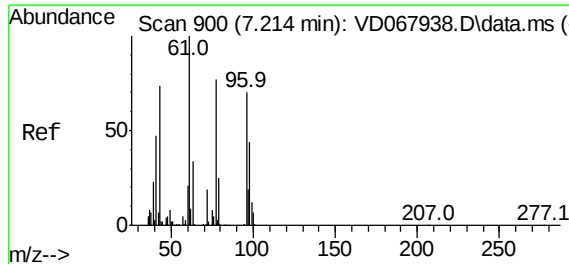
MMDadoda
1/5/2021 1:36:56 PM



1,1-Dichloroethane
Concen: 19.92 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 63 Resp: 126120
Ion Ratio Lower Upper
63 100
98 6.1 2.9 8.6
100 4.5 1.9 5.7





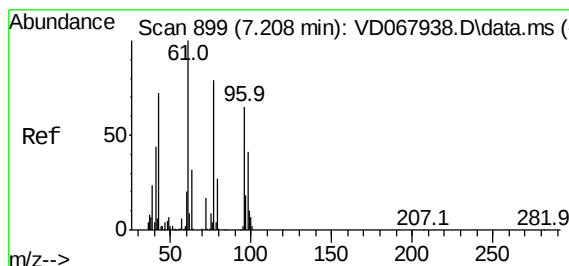
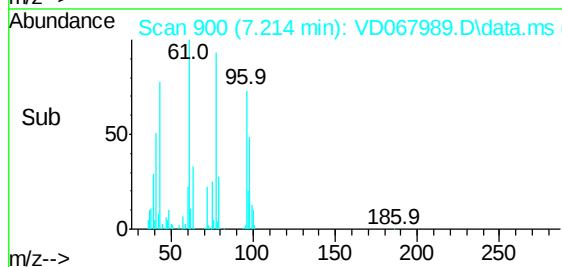
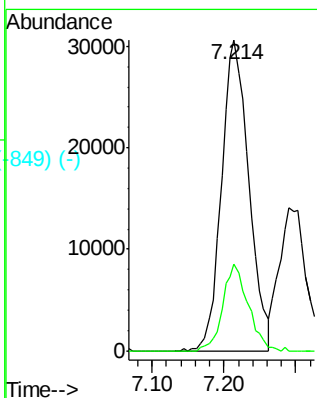
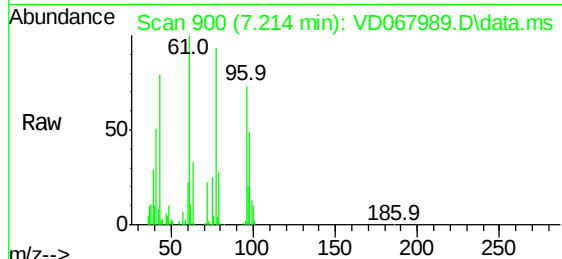
2-Butanone
Concen: 99.76 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 43 Resp: 81035
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

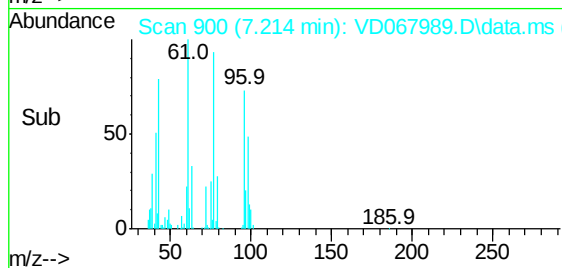
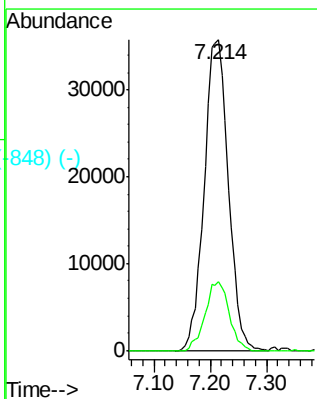
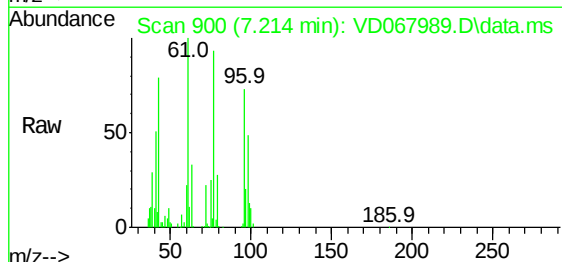
Manual Integrations
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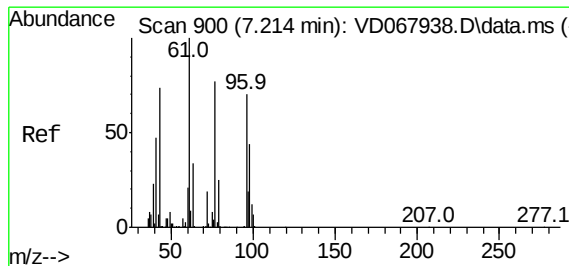
MMDadoda
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2,2-Dichloropropane
Concen: 21.30 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 77 Resp: 106244
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





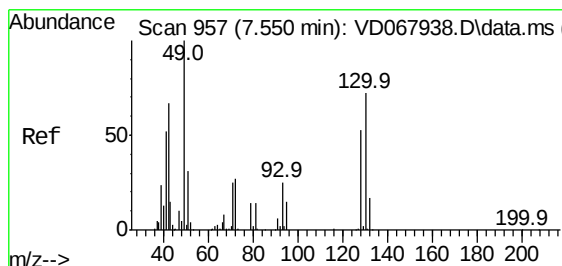
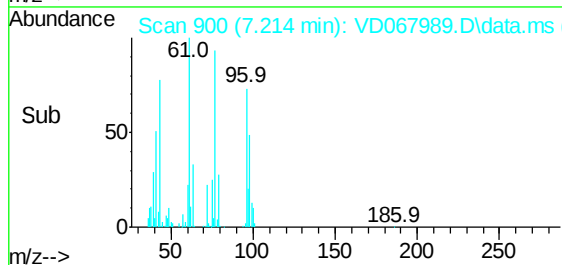
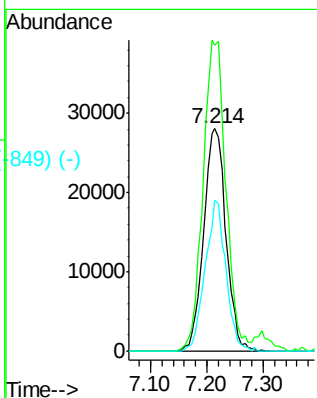
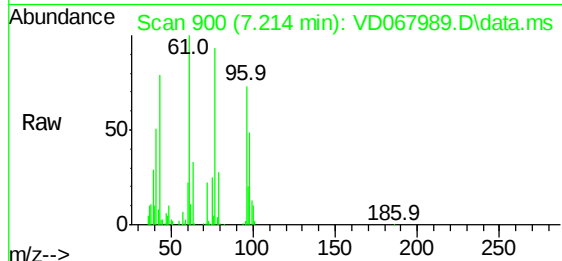
cis-1,2-Dichloroethene
Concen: 20.57 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	96	Resp:	76697
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	295.4
98	62.9	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

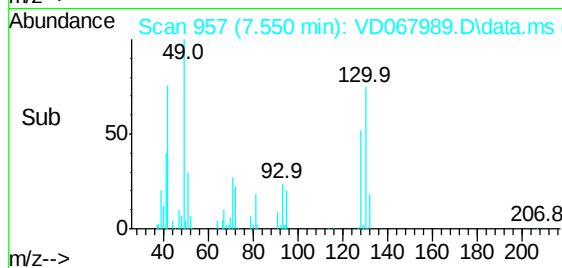
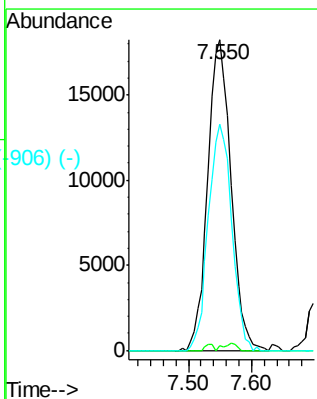
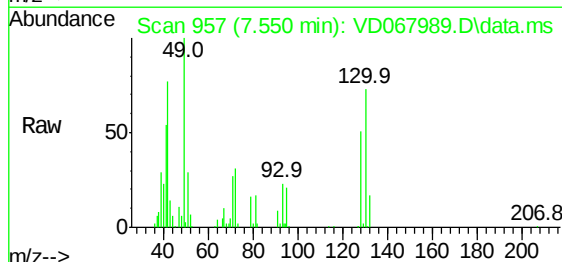
Manual Integrations
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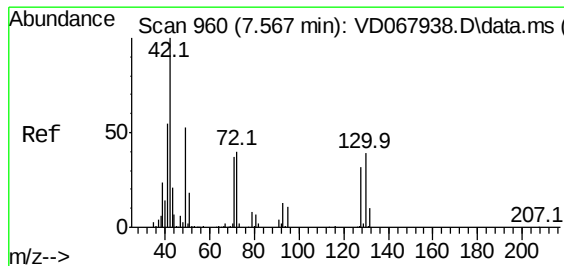
MMDadoda
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Bromochloromethane
Concen: 19.38 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	49	Resp:	46264
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	73.2	54.8	82.2





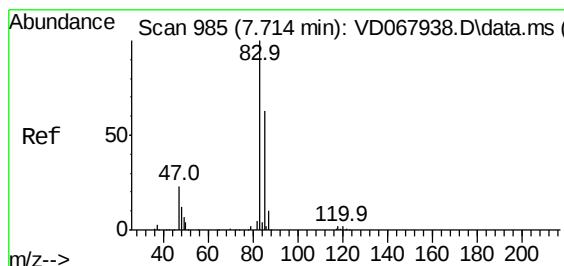
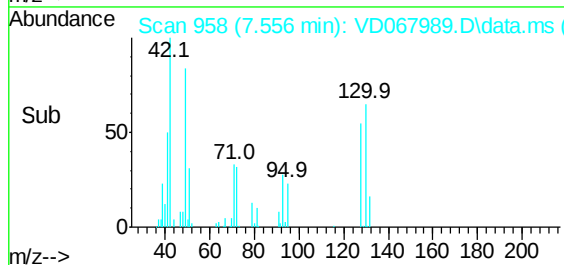
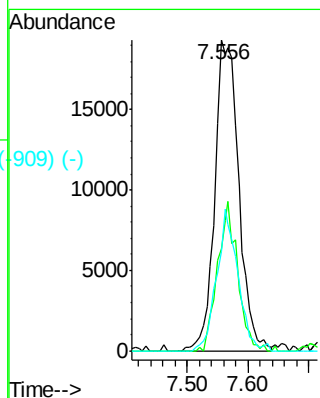
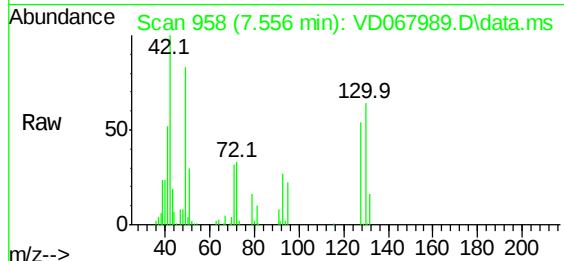
Tetrahydrofuran
Concen: 96.30 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	42	Resp:	52911
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.9	49.3
71	40.1	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

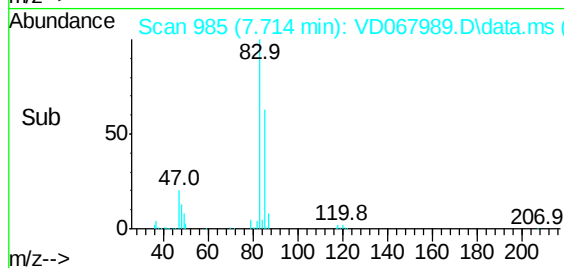
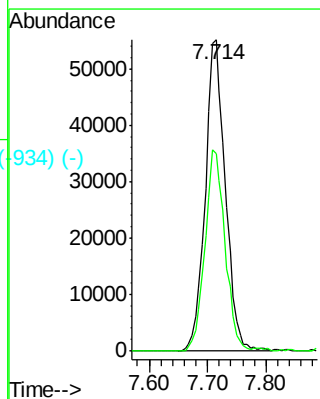
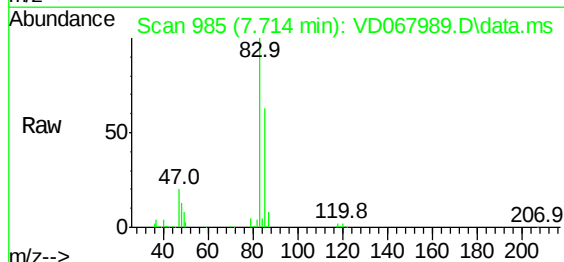
Manual Integrations
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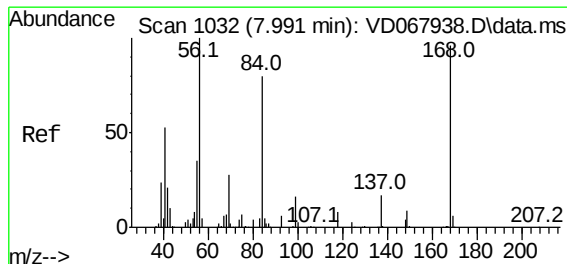
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Chloroform
Concen: 20.99 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	83	Resp:	130214
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.5	75.7



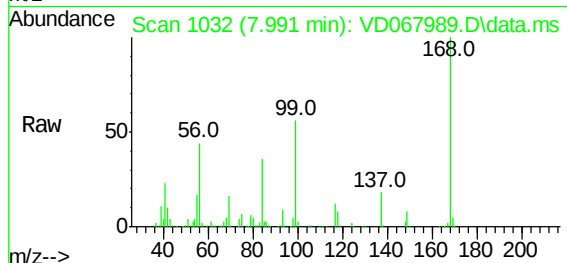


(-981) (-)
Cyclohexane
Concen: 19.29 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

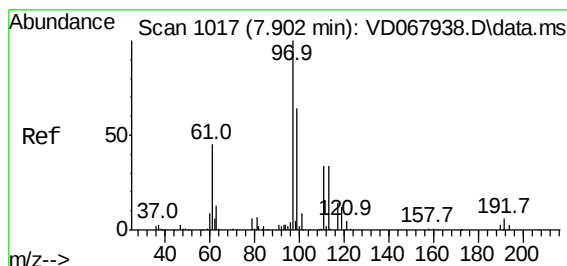
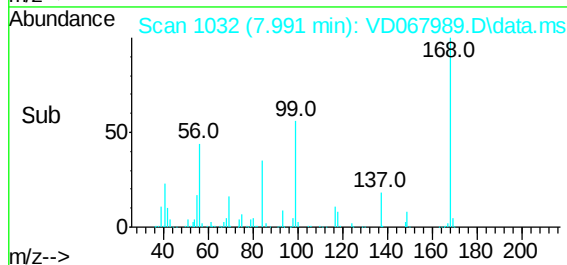
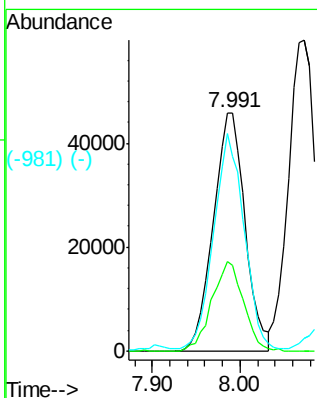
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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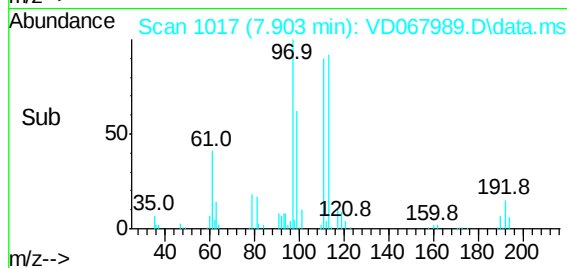
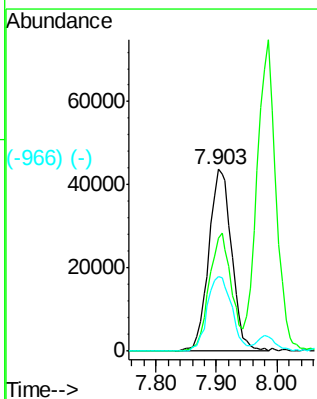
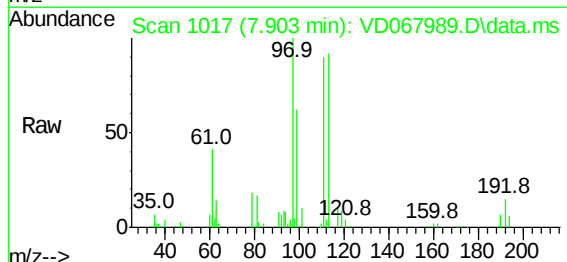


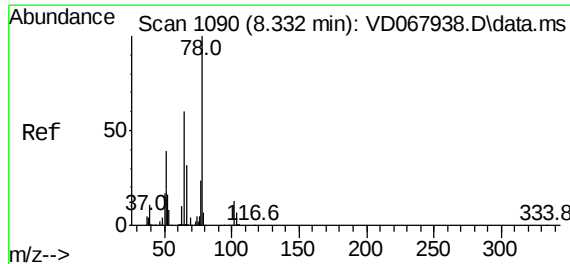
Tgt Ion: 56 Resp: 113754
Ion Ratio Lower Upper
56 100
69 35.9 22.7 34.1#
84 80.9 64.2 96.4



(-966) (-)
1,1,1-Trichloroethane
Concen: 21.39 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 97 Resp: 113665
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 43.6 35.8 53.8





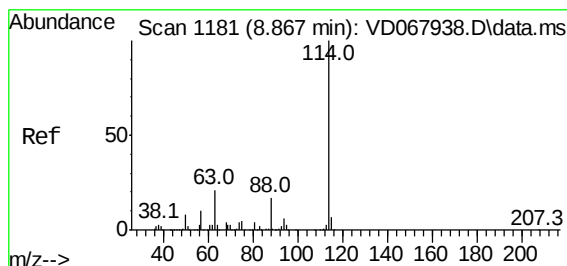
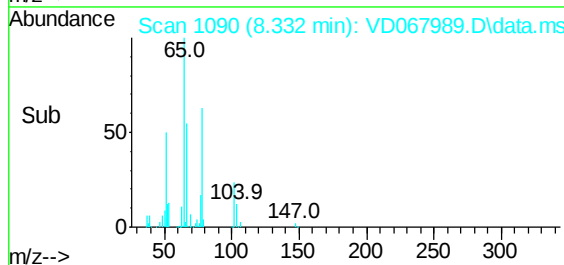
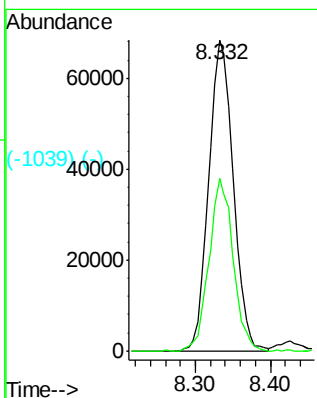
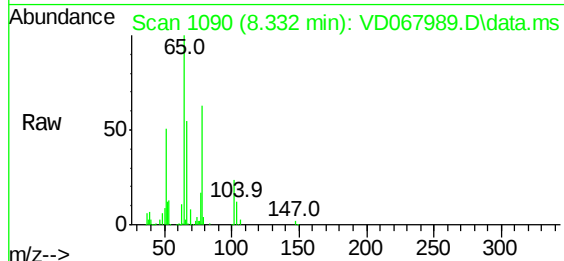
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 53.23 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 65 Resp: 153565
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

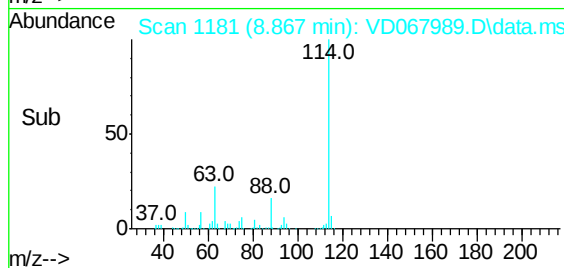
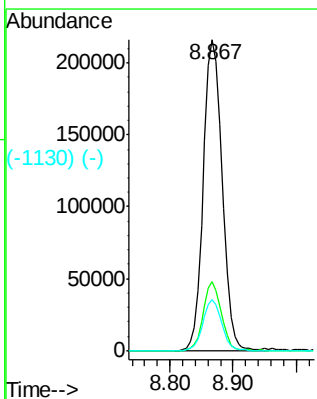
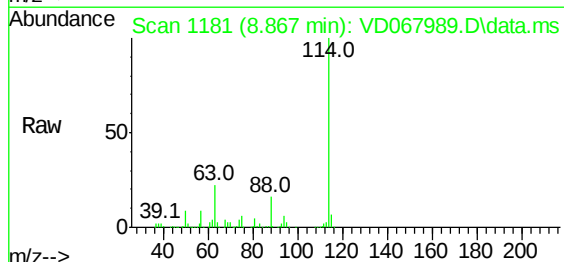
Manual Integrations
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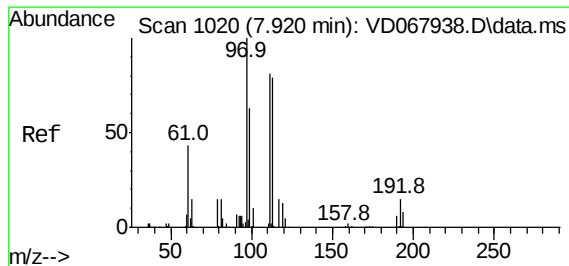
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(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion:114 Resp: 448915
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.4
 88 16.4 0.0 33.2





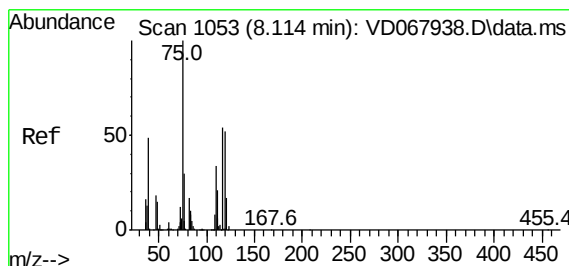
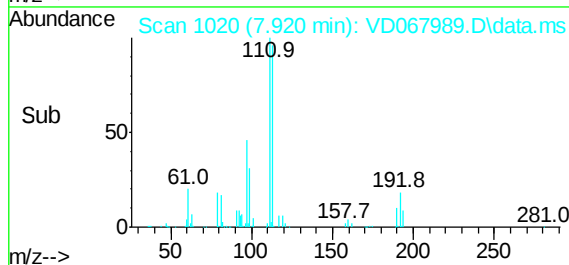
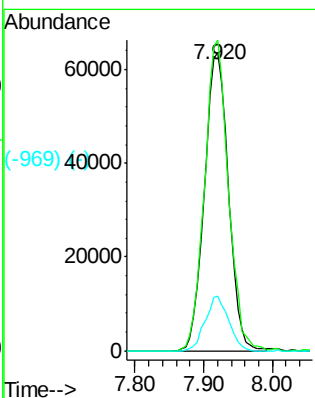
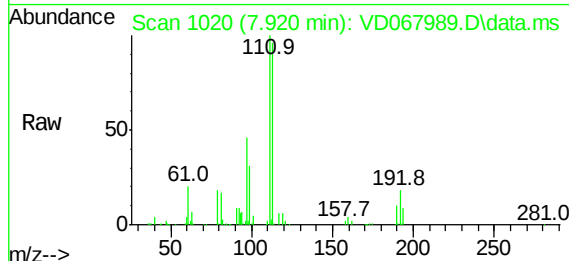
(-969) (-)
 Dibromofluoromethane
 Concen: 54.94 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 113 Resp: 155396
 Ion Ratio Lower Upper
 113 100
 111 103.8 79.3 118.9
 192 17.7 14.5 21.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

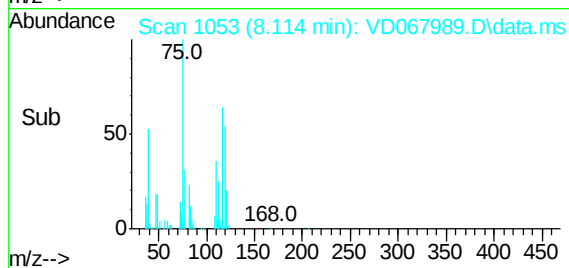
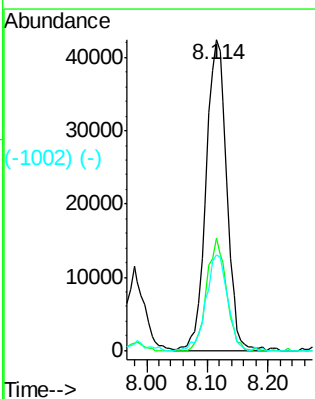
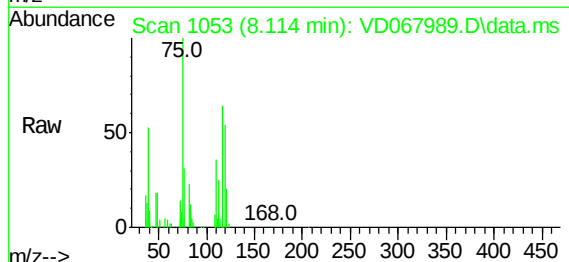
Manual Integrations
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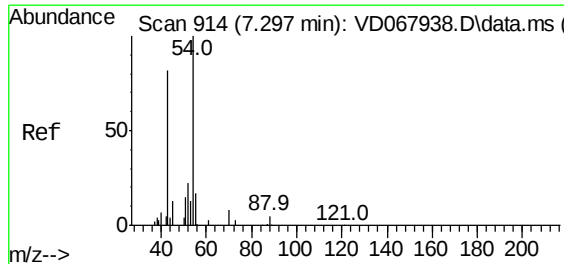
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(-1002) (-)
 1,1-Dichloropropene
 Concen: 20.96 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion: 75 Resp: 99990
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.0 51.0
 77 31.9 24.6 37.0





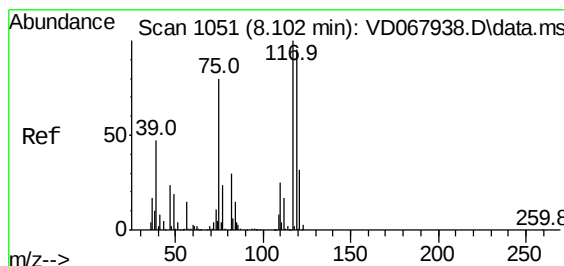
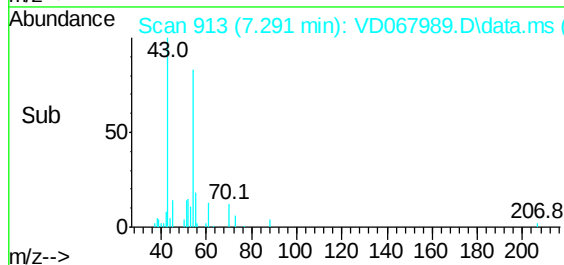
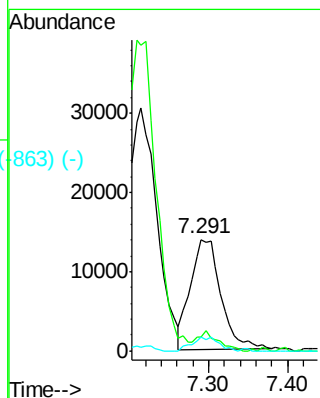
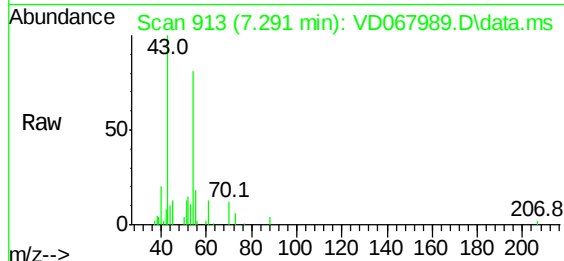
Ethyl Acetate
Concen: 19.15 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	43	Resp:	36973
Ion	Ratio	Lower	Upper
43	100		
61	11.5	10.2	15.4
70	10.8	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

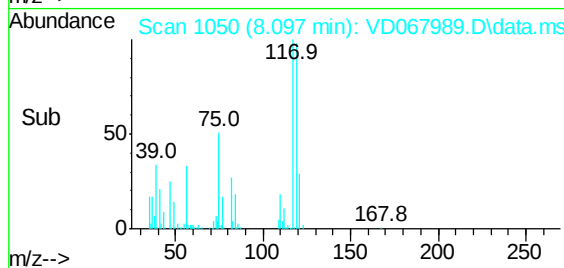
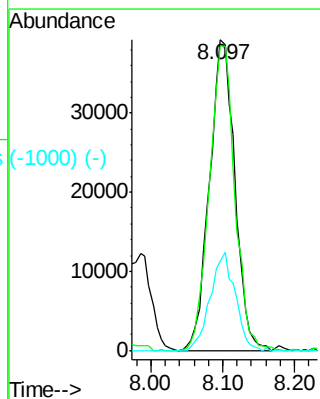
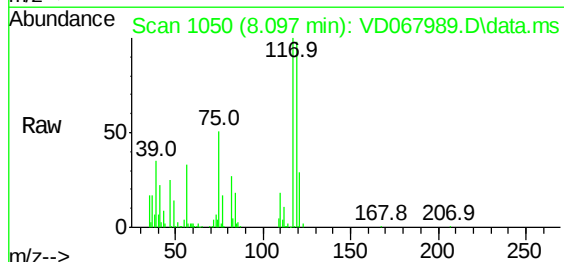
Manual Integrations
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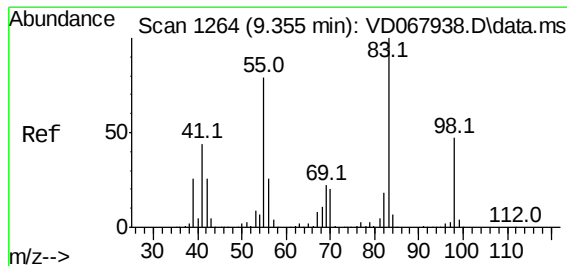
MMDadoda
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Carbon Tetrachloride
Concen: 21.22 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	117	Resp:	96691
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.2	114.4
121	28.9	25.9	38.9





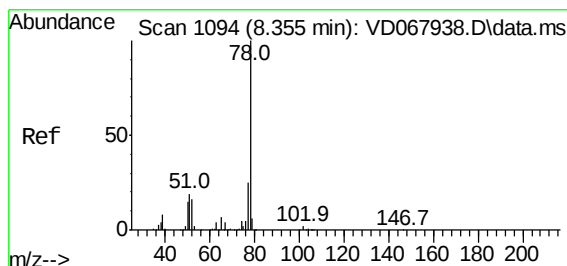
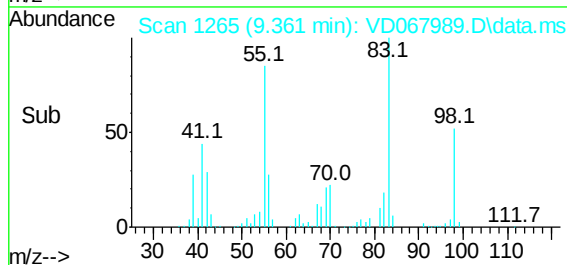
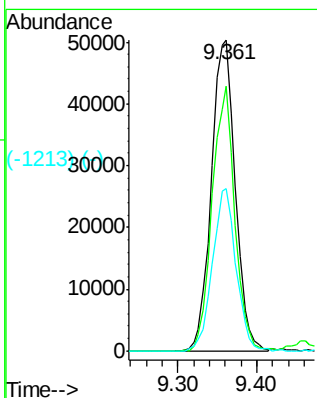
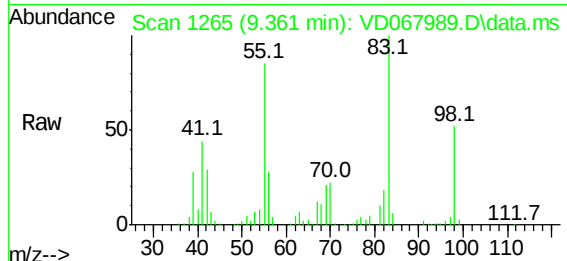
Methylcyclohexane
Concen: 19.38 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 83 Resp: 106009
Ion Ratio Lower Upper
83 100
55 85.0 63.5 95.3
98 52.3 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

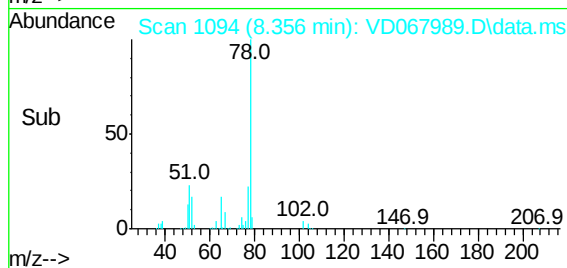
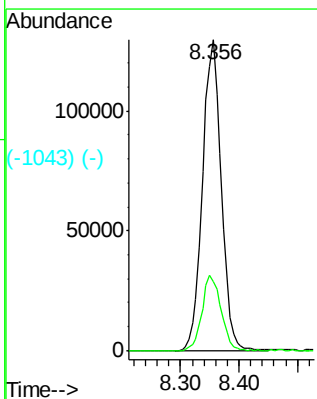
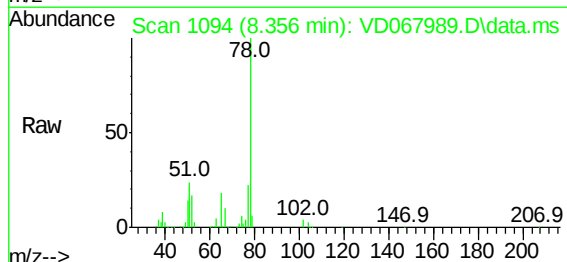
Manual Integrations
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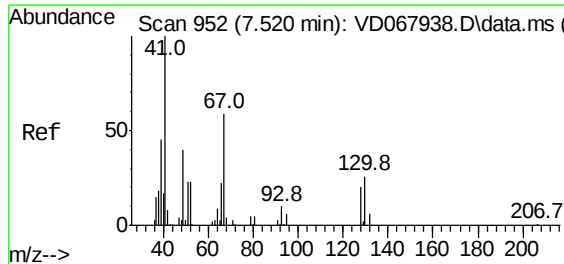
MMDadoda
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Benzene
Concen: 20.63 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 78 Resp: 285519
Ion Ratio Lower Upper
78 100
77 22.1 20.1 30.1





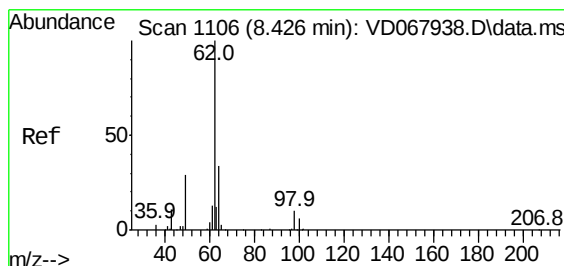
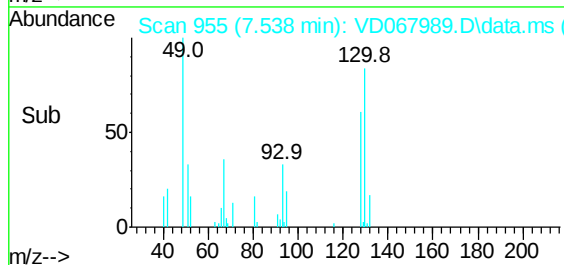
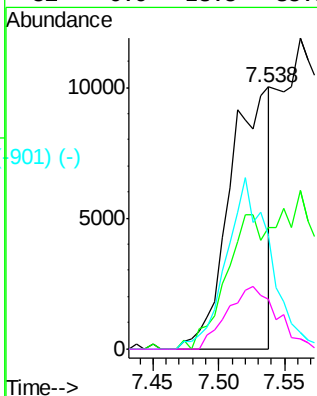
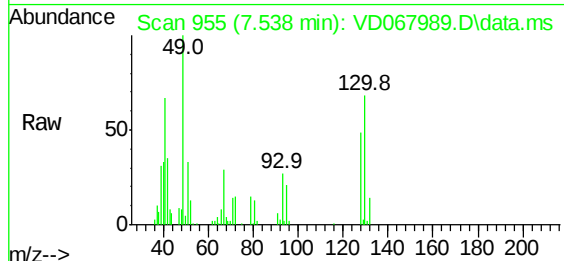
Methacrylonitrile
Concen: 19.74 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.018 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	41	Resp:	21452
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.2	69.2#
67	0.0	55.1	82.7#
52	0.0	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

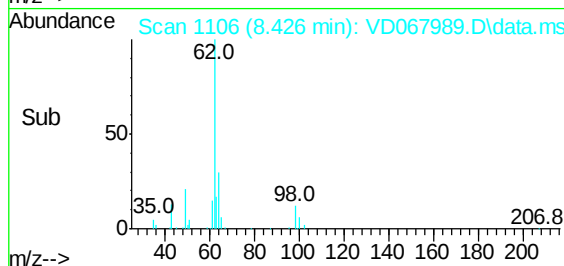
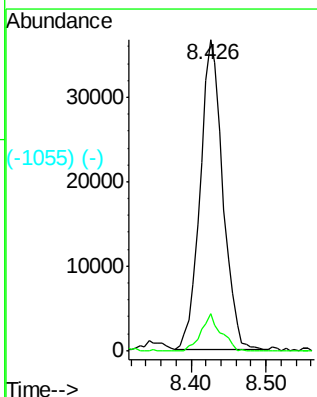
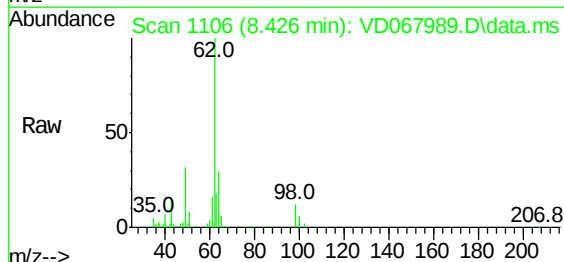
Manual Integrations
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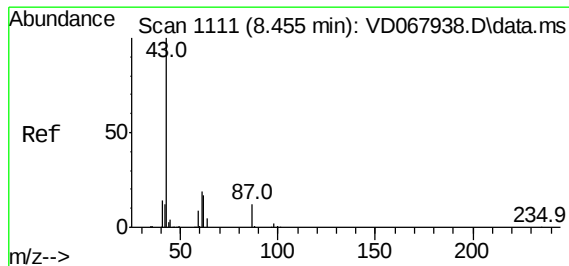
MMDadoda
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1,2-Dichloroethane
Concen: 20.61 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	62	Resp:	76922
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



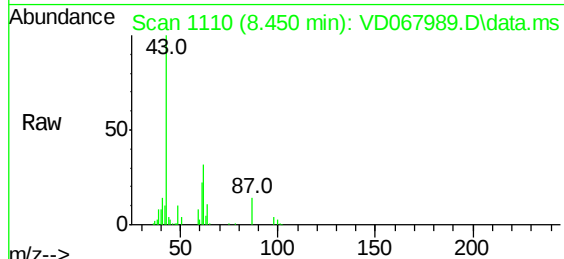


(-1067) (-)
Isopropyl Acetate
Concen: 20.39 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

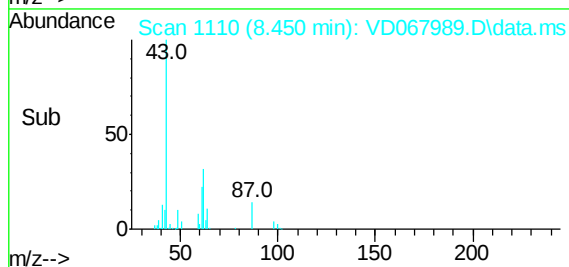
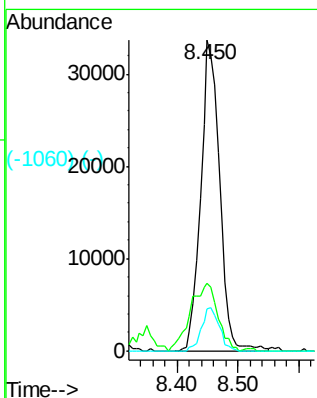
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

Manual Integrations
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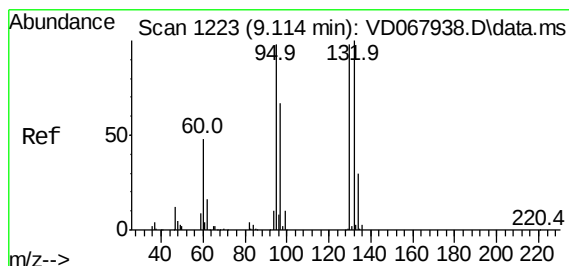
MMDadoda
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Tgt Ion: 43 Resp: 72266
Ion Ratio Lower Upper
43 100
61 31.6 24.5 36.7
87 13.2 9.8 14.8

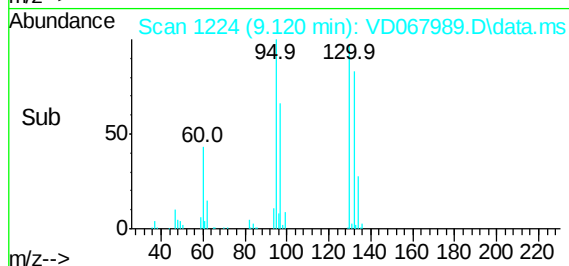
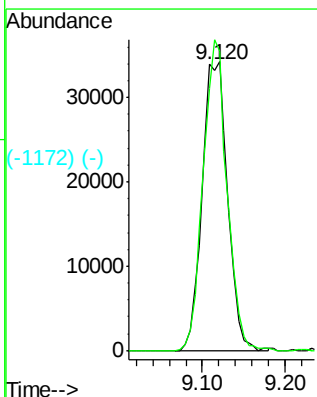
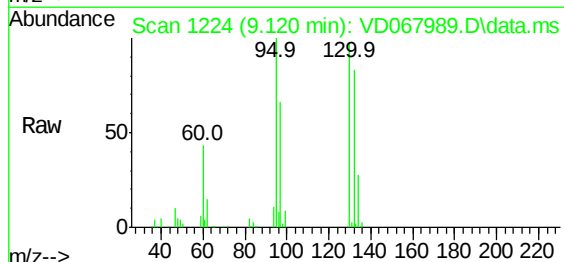


(-1060) (-)

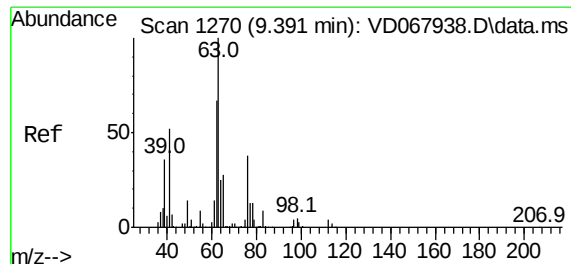


(-1114) (-)
Trichloroethene
Concen: 21.03 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:130 Resp: 72960
Ion Ratio Lower Upper
130 100
95 103.5 0.0 200.8



(-1172) (-)

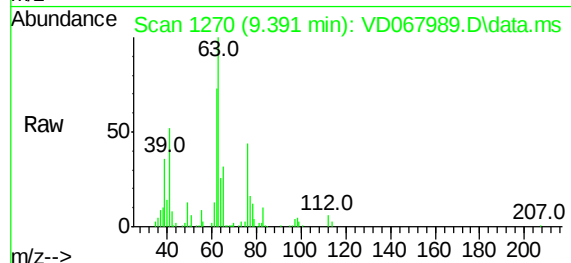


(#145) (-)
1,2-Dichloropropane
Concen: 21.17 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

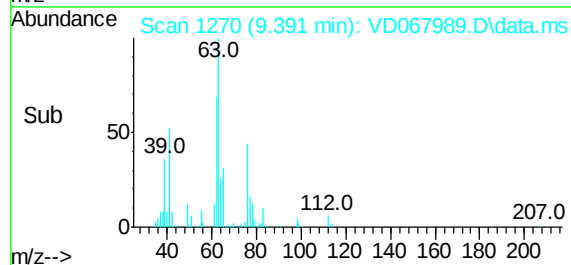
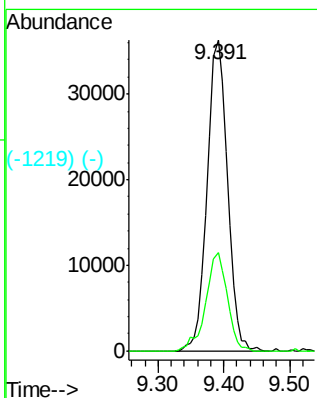
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

Manual Integrations
APPROVED

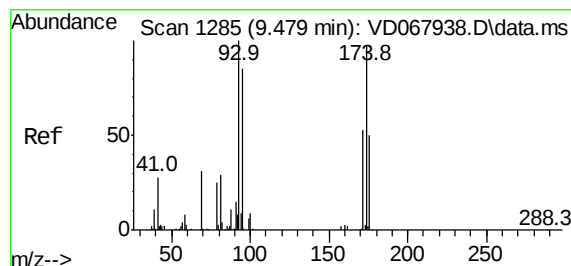
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Tgt Ion: 63 Resp: 74612
Ion Ratio Lower Upper
63 100
65 31.5 22.7 34.1

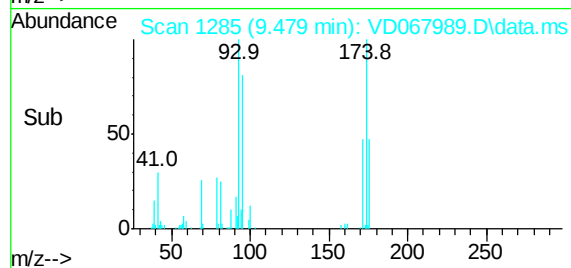
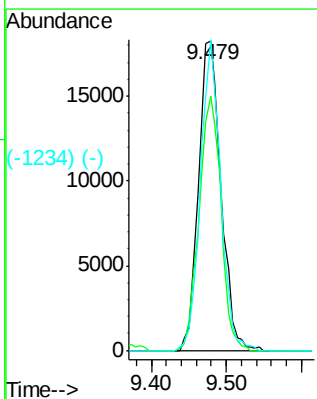
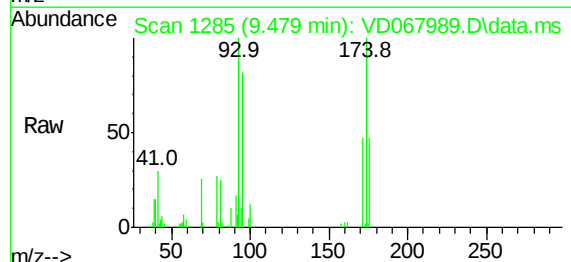


(-1219) (-)

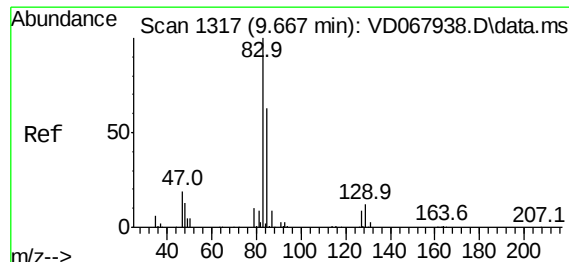


(#146) (-)
Dibromomethane
Concen: 22.15 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 93 Resp: 37944
Ion Ratio Lower Upper
93 100
95 80.3 68.0 102.0
174 90.2 74.7 112.1



(-1234) (-)



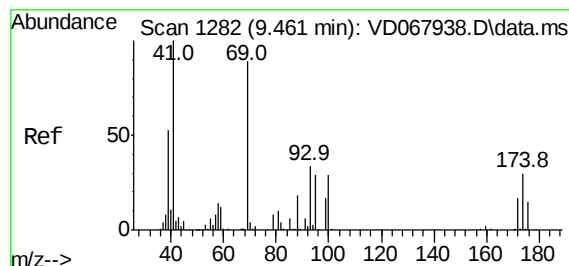
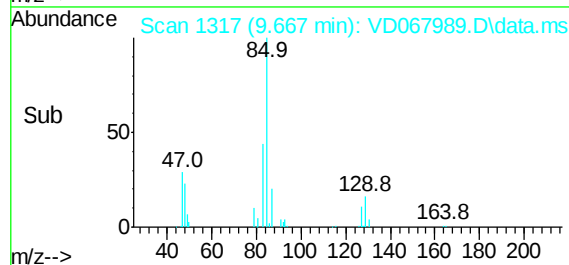
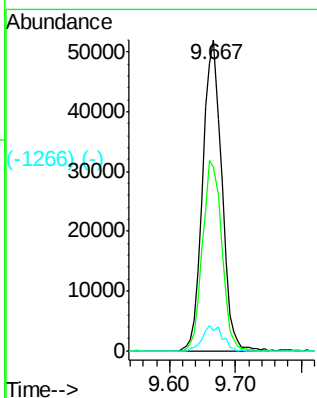
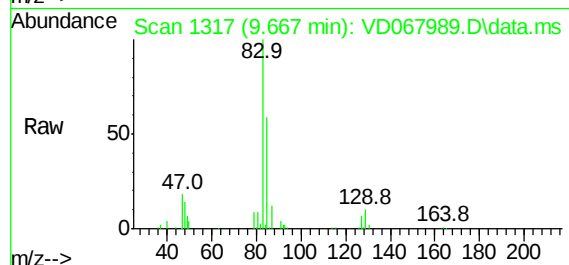
(-147) (-)
Bromodichloromethane
Concen: 21.60 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 83 Resp: 99836
Ion Ratio Lower Upper
83 100
85 59.4 50.5 75.7
127 6.7 7.2 10.8#

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

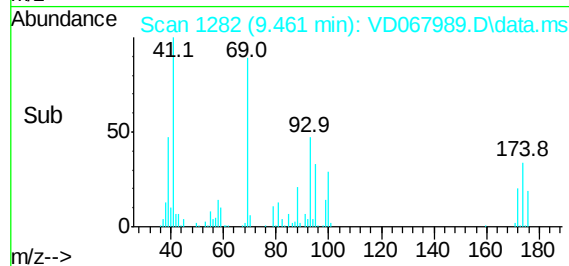
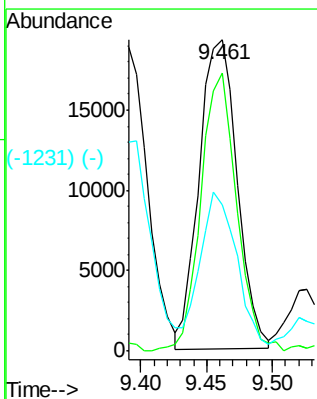
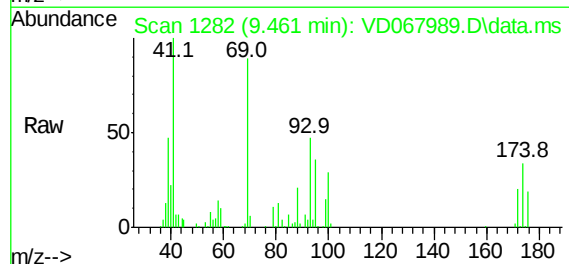
Manual Integrations
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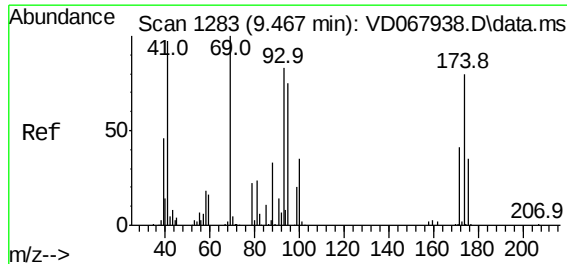
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(-147) (-)
Methyl methacrylate
Concen: 20.76 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

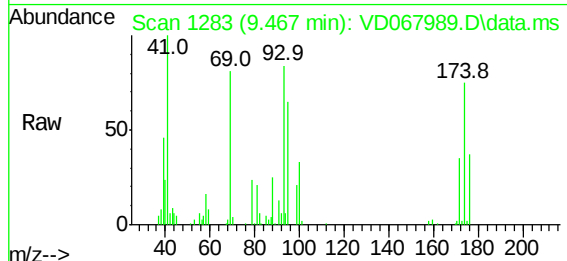
Tgt Ion: 41 Resp: 38021
Ion Ratio Lower Upper
41 100
69 84.0 63.9 95.9
39 45.7 37.4 56.0





(#1294) (-)
1,4-Dioxane
Concen: 427.40 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

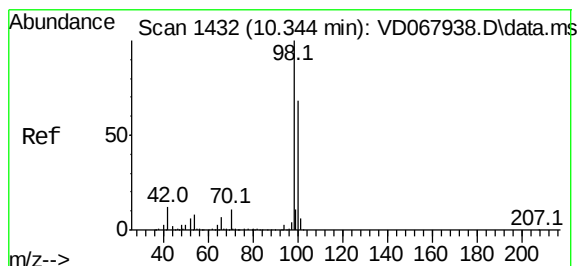
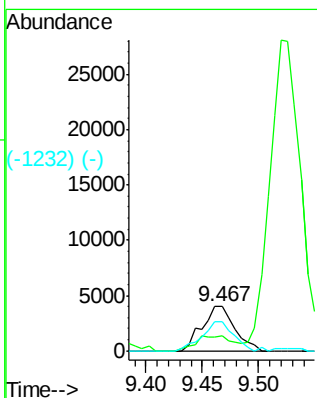
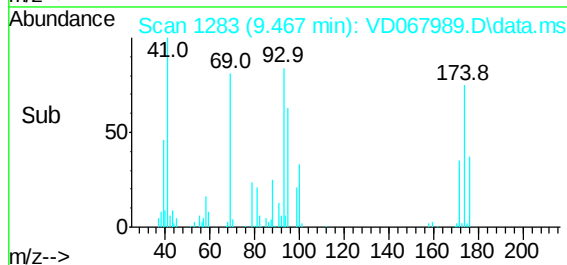
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



Tgt Ion: 88 Resp: 7993
Ion Ratio Lower Upper
88 100
43 39.2 27.3 40.9
58 63.2 54.8 82.2

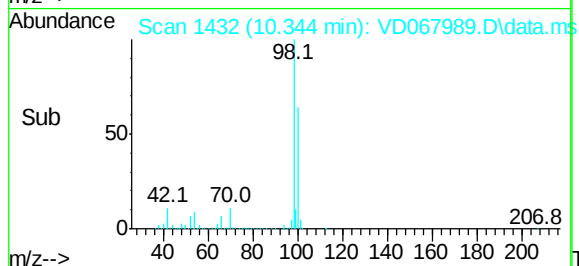
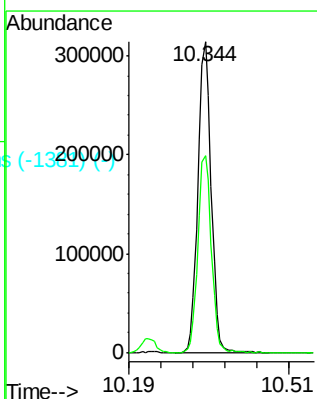
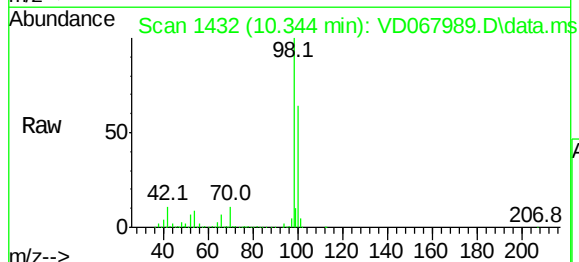
Manual Integrations
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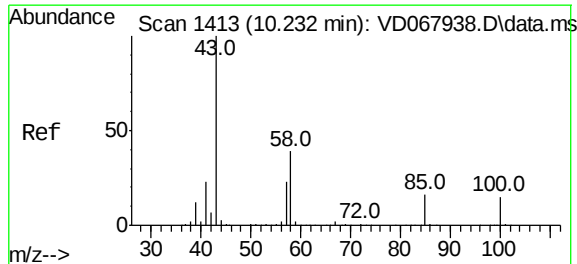
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(#5022) (-)
Toluene-d8
Concen: 53.66 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 98 Resp: 570477
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





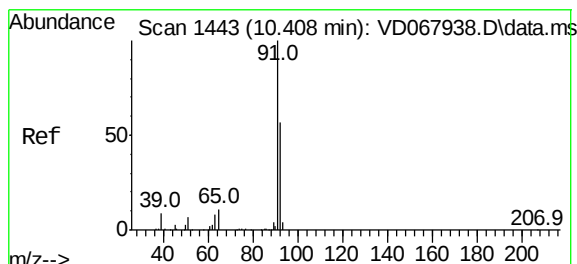
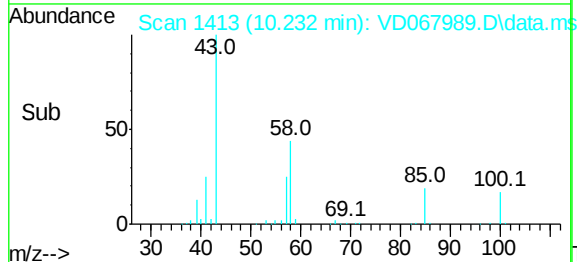
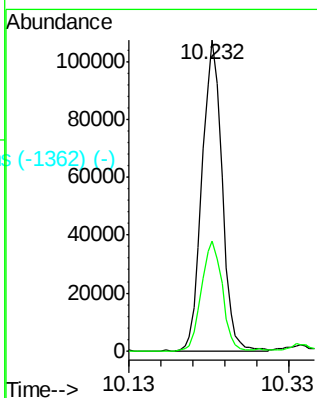
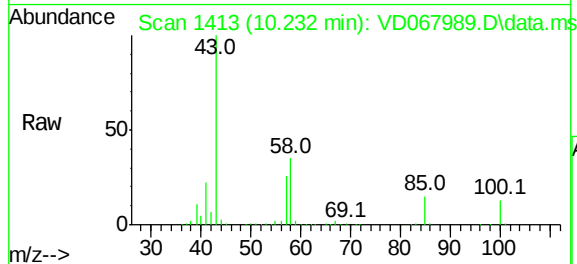
#5102 (-)
4-Methyl-2-Pentanone
Concen: 102.48 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 43 Resp: 188059
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

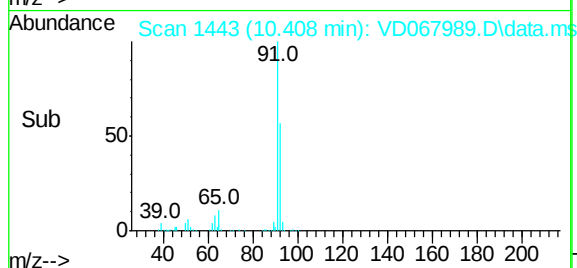
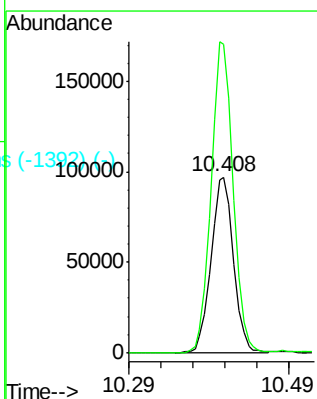
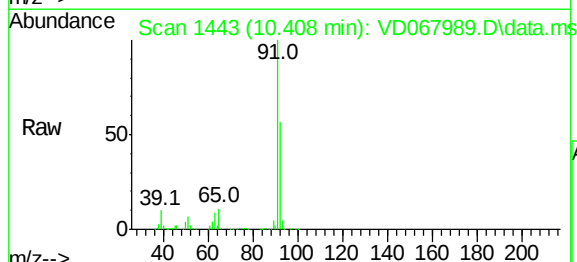
Manual Integrations
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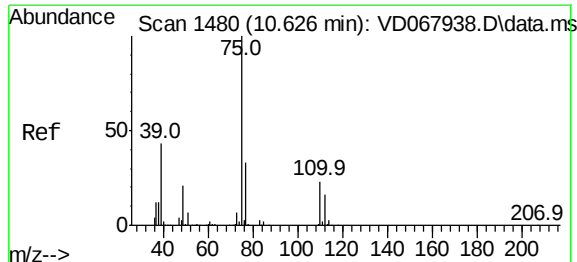
MMDadoda
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#5133 (-)
Toluene
Concen: 21.08 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

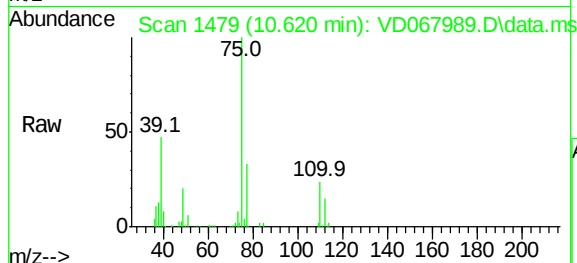
Tgt Ion: 92 Resp: 180138
Ion Ratio Lower Upper
92 100
91 175.1 138.5 207.7





#5470 (-)
t-1,3-Dichloropropene
Concen: 21.45 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

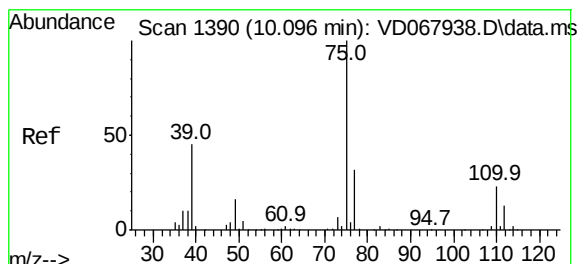
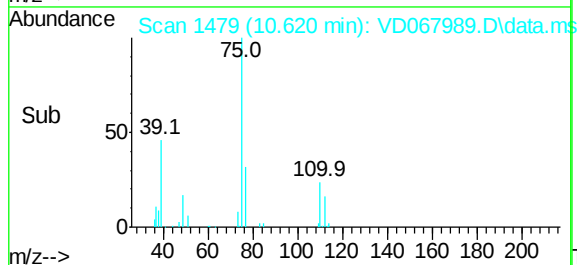
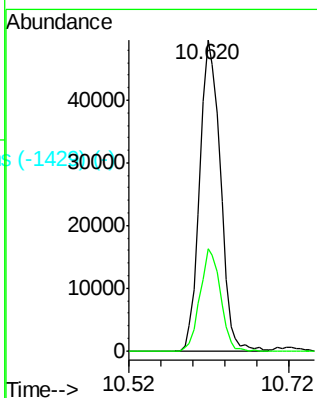
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



Tgt Ion: 75 Resp: 89629
Ion Ratio Lower Upper
75 100
77 32.7 26.8 40.2

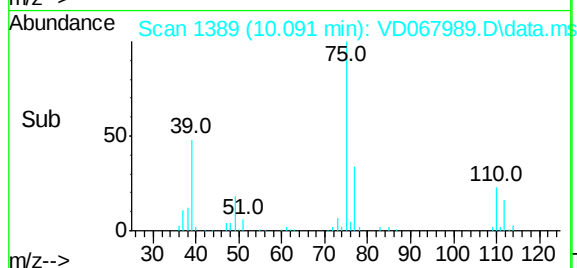
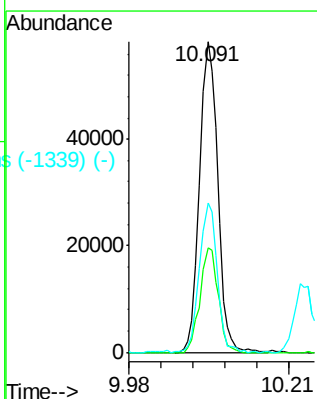
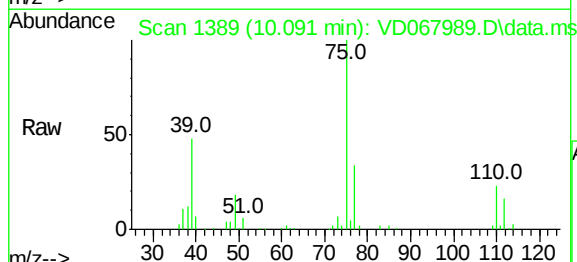
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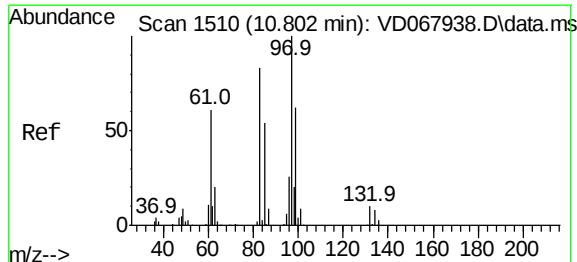
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#5479 (-)
cis-1,3-Dichloropropene
Concen: 20.71 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

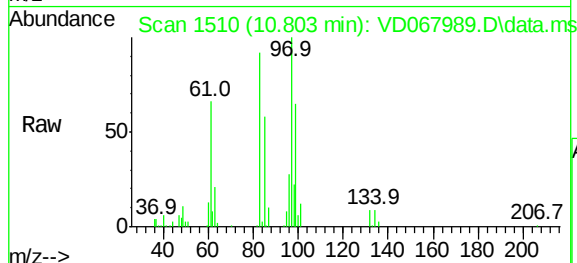
Tgt Ion: 75 Resp: 107108
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9
39 47.9 35.7 53.5





1,1,2-Trichloroethane
Concen: 21.67 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

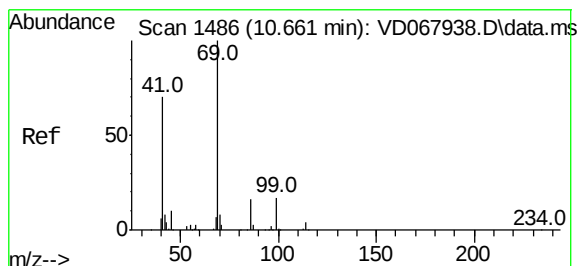
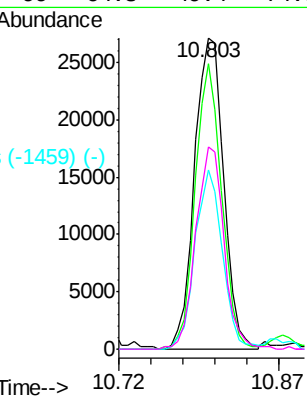
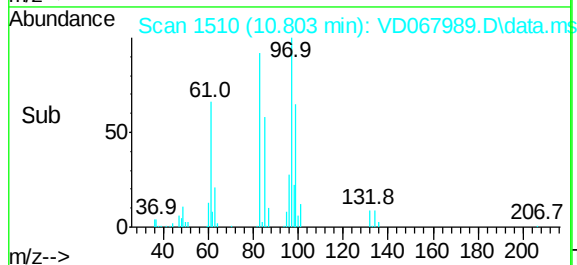
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



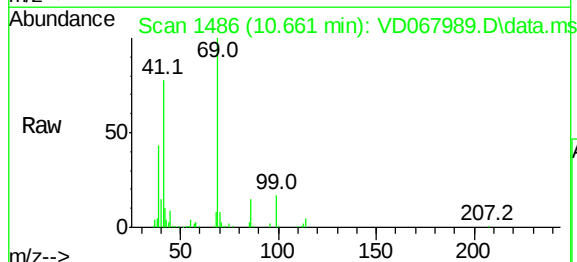
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.4	66.4	99.6
85	57.6	43.4	65.0
99	64.3	49.4	74.0

Manual Integrations
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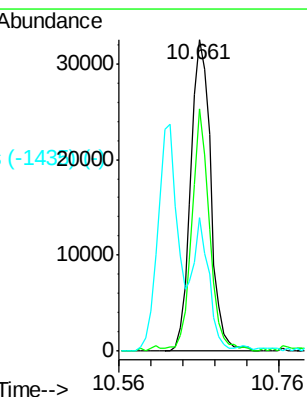
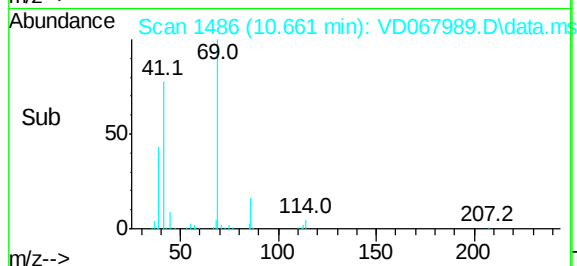
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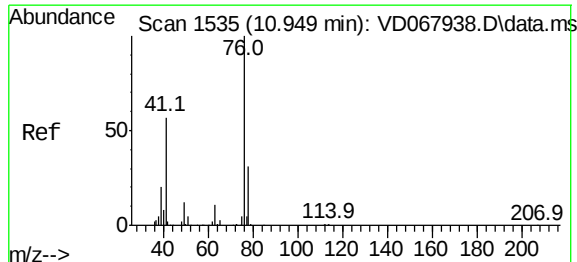


Ethyl methacrylate
Concen: 20.23 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.4	84.6
39	34.1	24.6	36.8



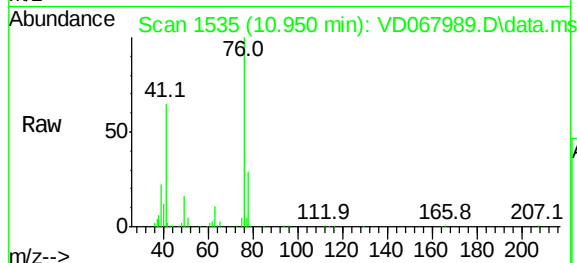


1,3-Dichloropropane
Concen: 20.72 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

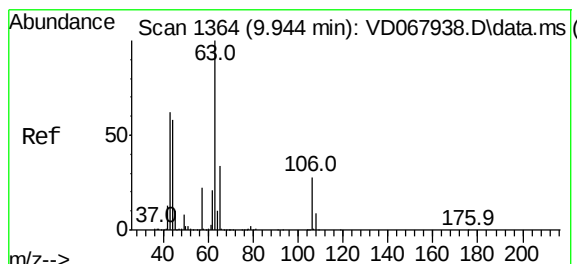
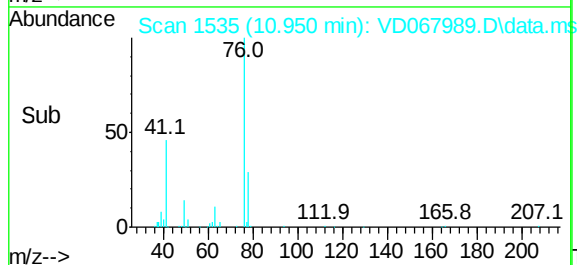
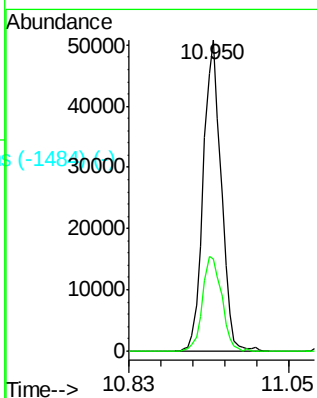
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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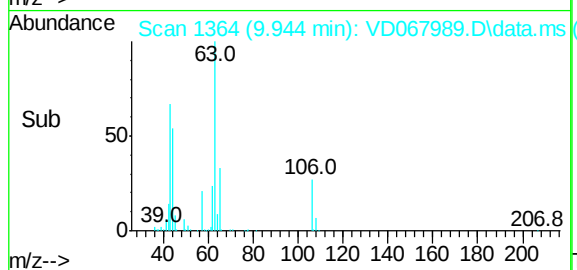
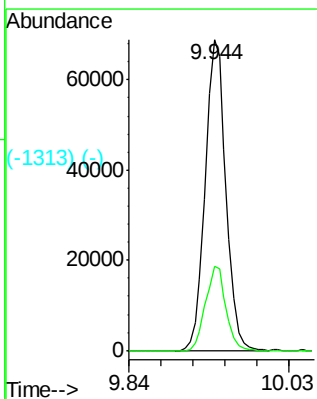
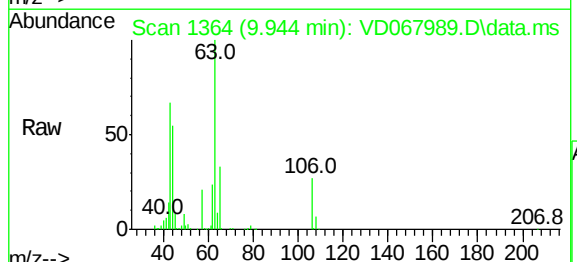


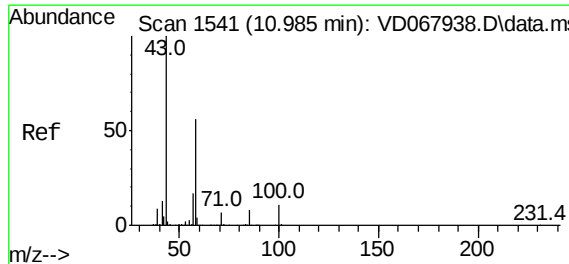
Tgt Ion: 76 Resp: 87205
Ion Ratio Lower Upper
76 100
78 32.4 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 87.82 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

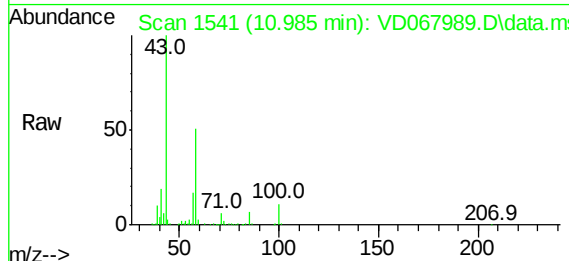
Tgt Ion: 63 Resp: 118863
Ion Ratio Lower Upper
63 100
106 26.7 21.6 32.4





#5931 (-)
2-Hexanone
Concen: 104.61 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

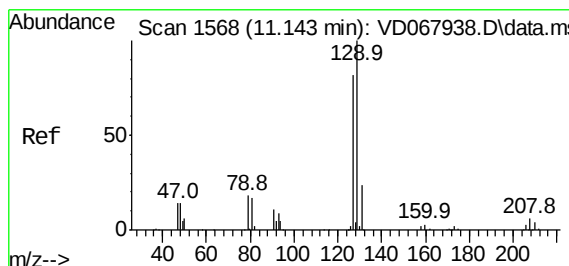
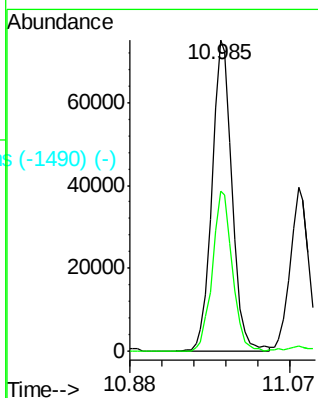
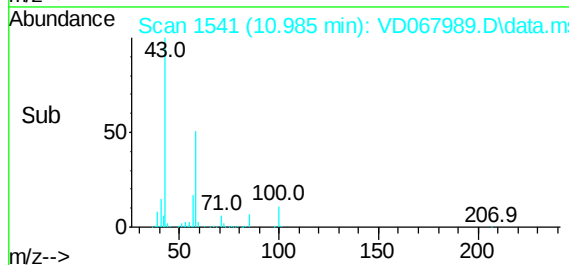
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



Tgt Ion: 43 Resp: 126148
Ion Ratio Lower Upper
43 100
58 51.1 27.5 82.4

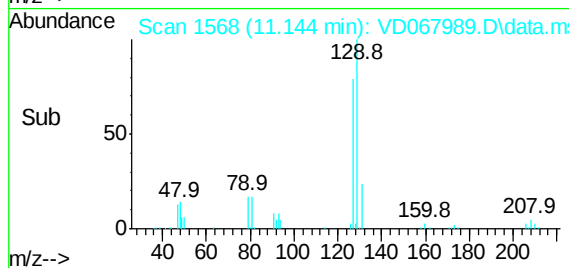
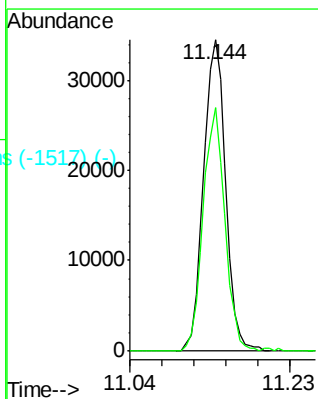
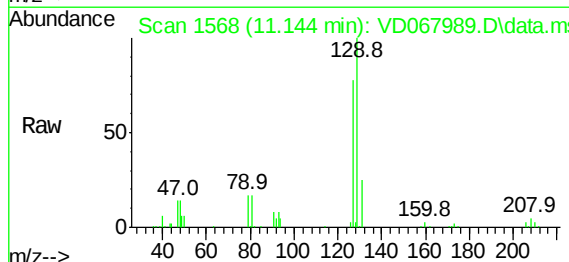
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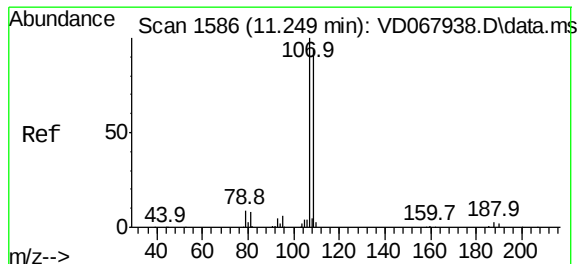
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#6059 (-)
Dibromochloromethane
Concen: 21.46 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 129 Resp: 63633
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4



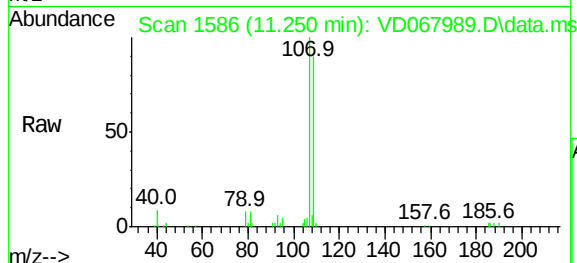


#6178 (-)
1,2-Dibromoethane
Concen: 21.21 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

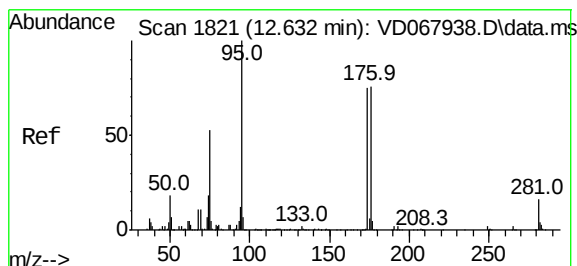
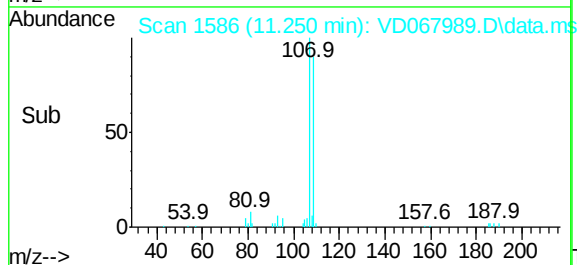
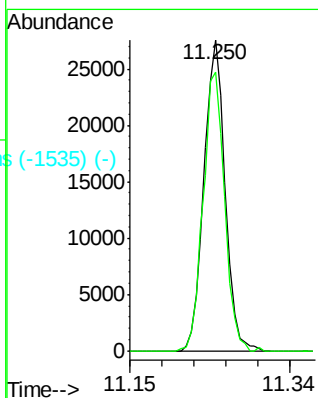
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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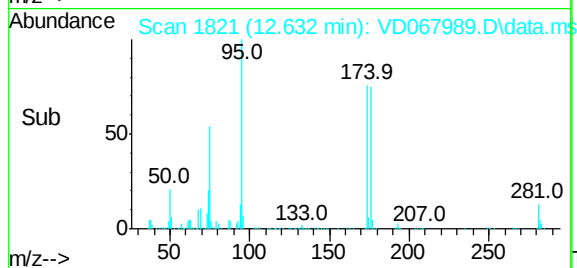
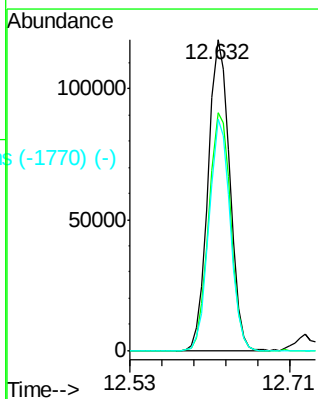
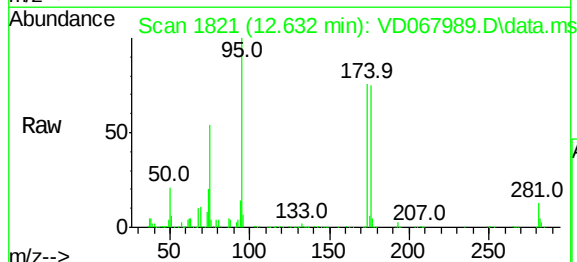


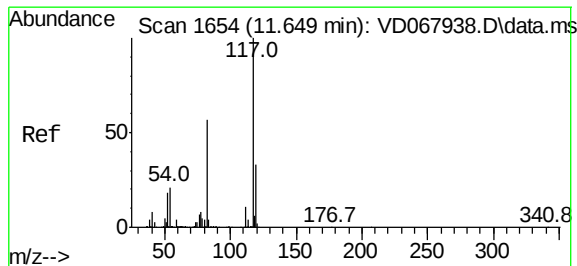
Tgt Ion:107 Resp: 48706
Ion Ratio Lower Upper
107 100
109 90.9 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 53.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 95 Resp: 195486
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.6
176 72.9 0.0 151.2



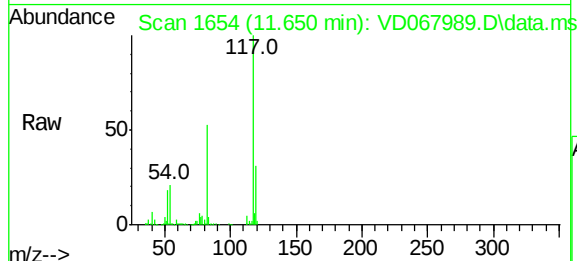


#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

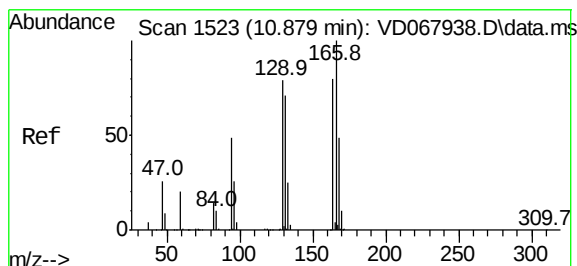
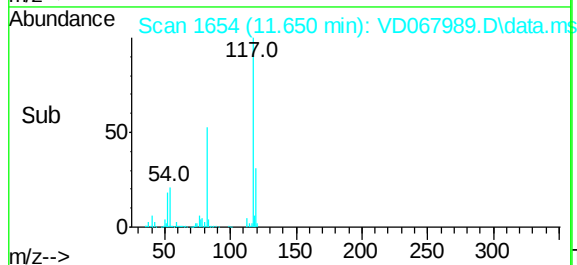
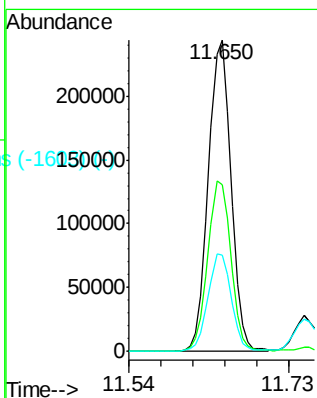
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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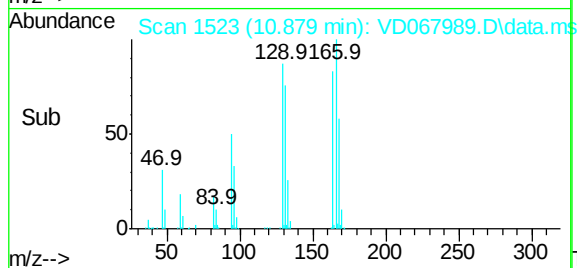
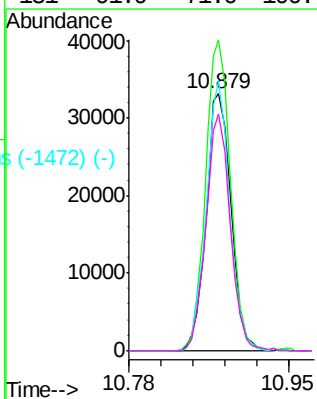
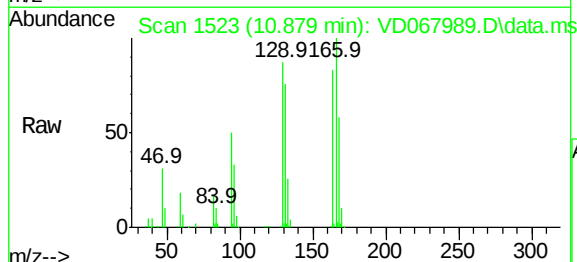


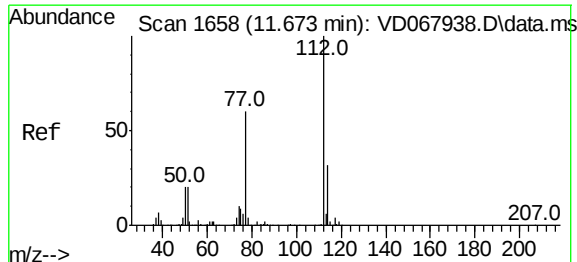
Tgt Ion:117 Resp: 424427
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 30.8 26.7 40.1



#6344 (-)
Tetrachloroethene
Concen: 20.65 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:164 Resp: 61479
Ion Ratio Lower Upper
164 100
166 121.0 99.4 149.2
129 105.2 79.0 118.4
131 91.9 71.0 106.4



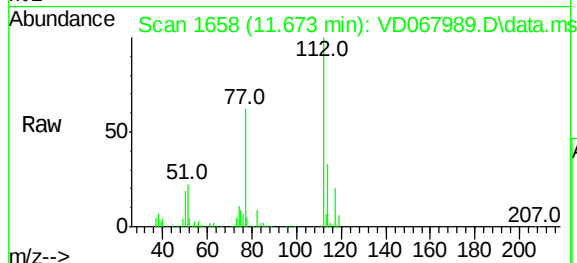


#6549 (-)
Chlorobenzene
Concen: 20.00 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

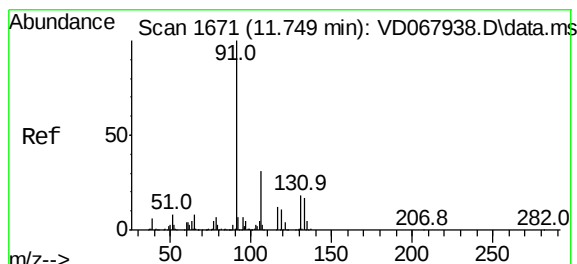
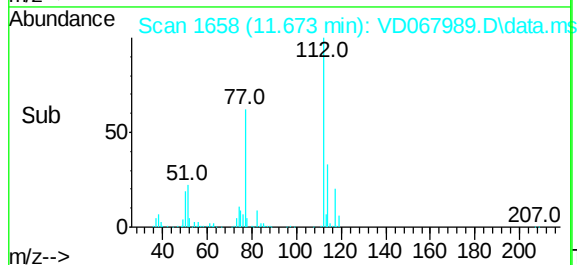
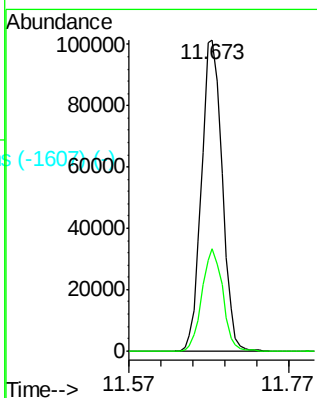
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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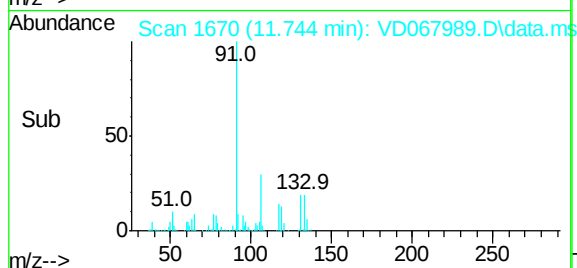
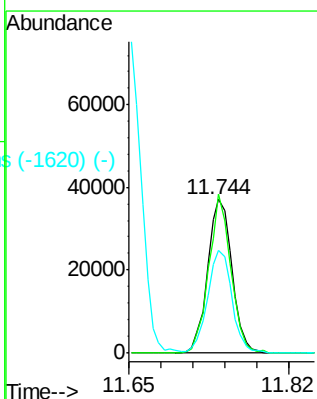
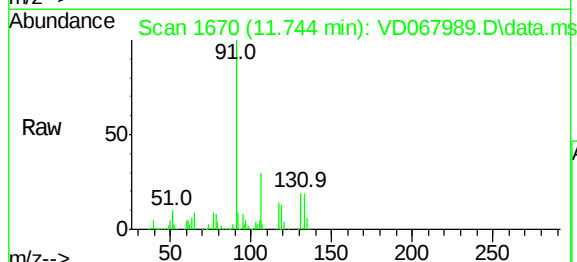


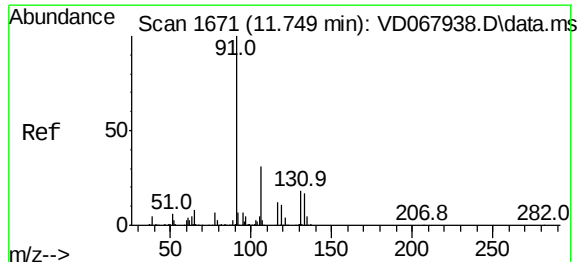
Tgt Ion:112 Resp: 183118
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#662 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.53 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:131 Resp: 67088
Ion Ratio Lower Upper
131 100
133 93.3 48.4 145.0
119 67.1 33.4 100.2





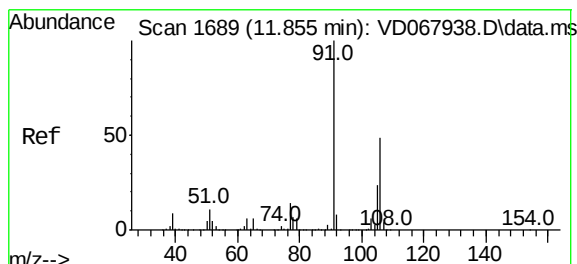
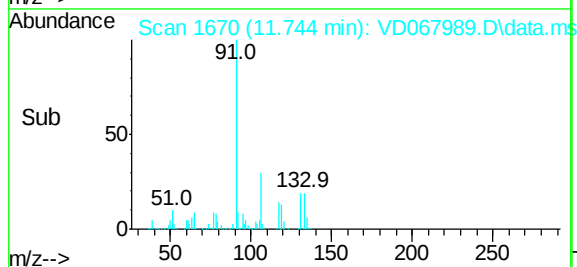
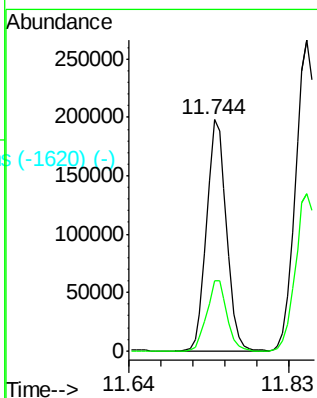
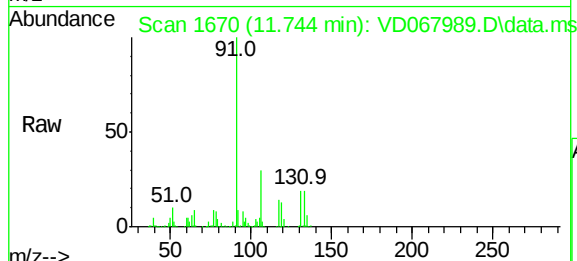
#671 (-)
Ethyl Benzene
Concen: 20.10 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 91 Resp: 328183
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
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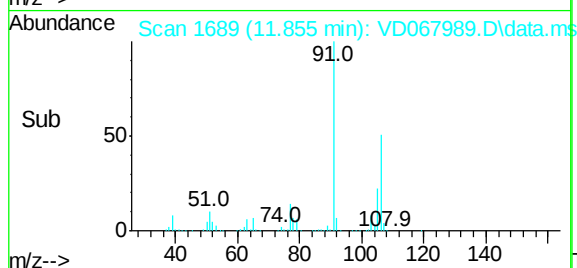
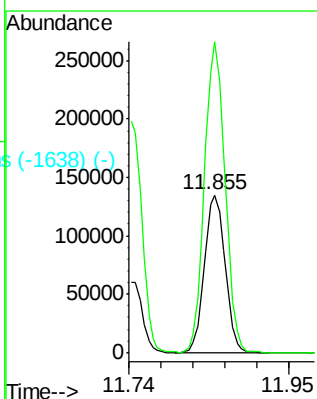
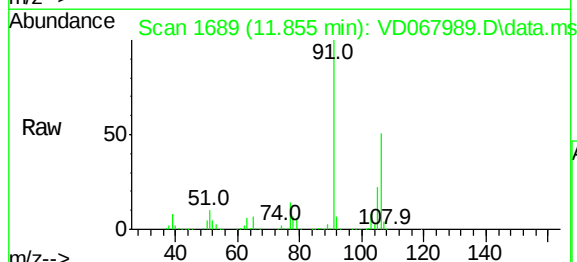
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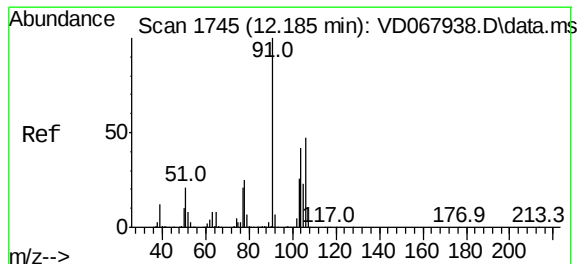
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#680 (-)
m/p-Xylenes
Concen: 41.19 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:106 Resp: 256319
Ion Ratio Lower Upper
106 100
91 196.5 159.9 239.9



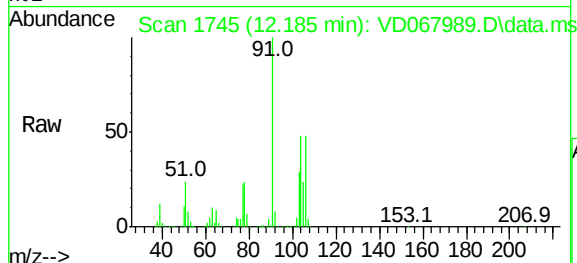


#6937 (-)
o-Xylene
Concen: 19.85 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

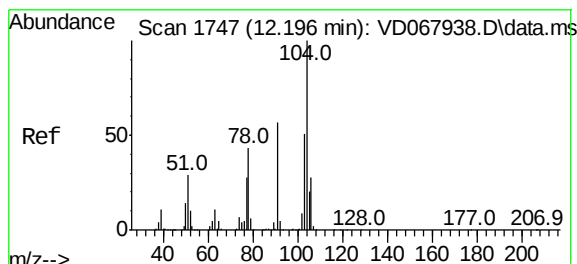
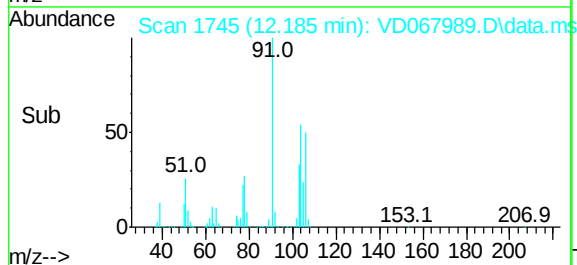
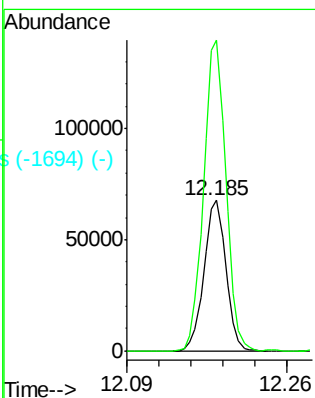
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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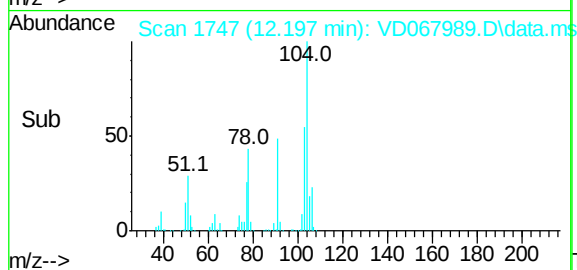
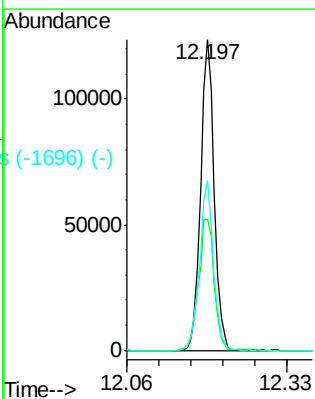
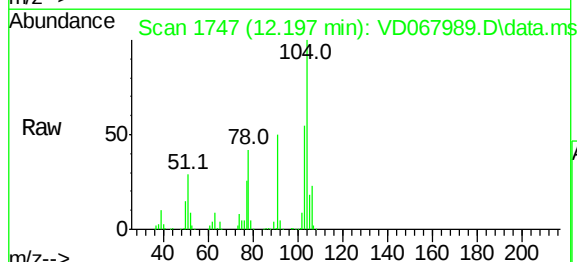


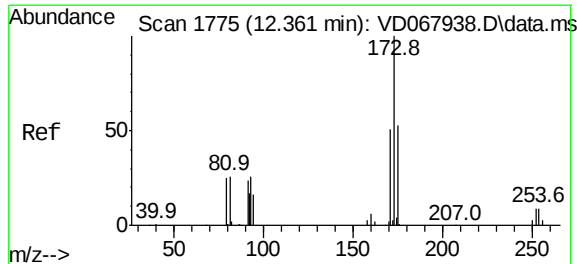
Tgt Ion:106 Resp: 110523
Ion Ratio Lower Upper
106 100
91 211.0 106.0 317.9



#1736 (-)
Styrene
Concen: 20.60 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

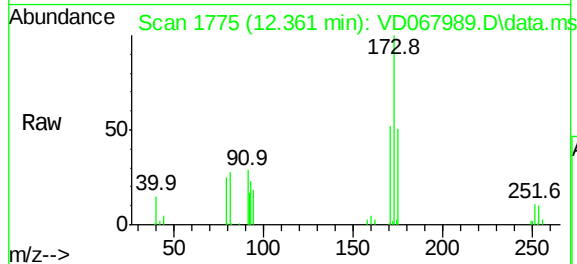
Tgt Ion:104 Resp: 198205
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 55.9 44.2 66.4





#1767 (-)
Bromoform
Concen: 20.07 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

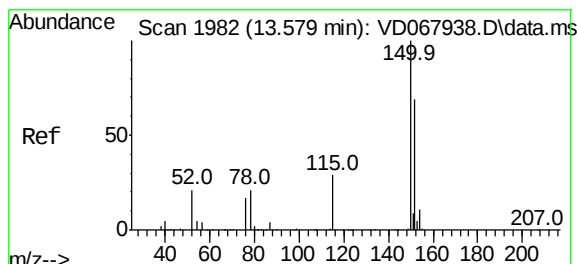
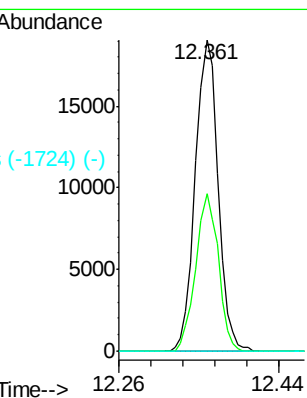
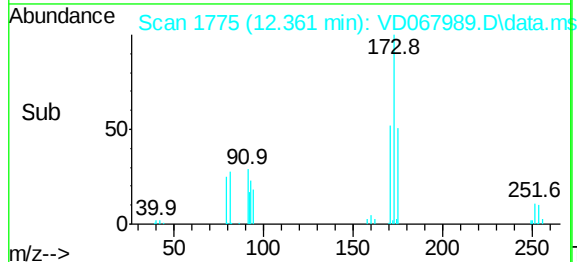
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



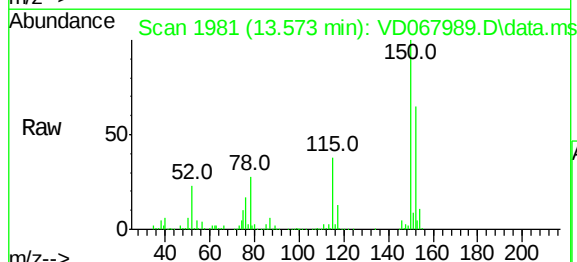
Tgt Ion:	173	Resp:	33146
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.6	73.8
254	0.0	0.0	0.0

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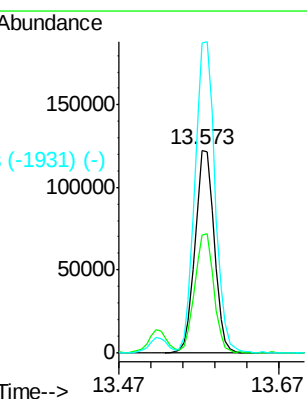
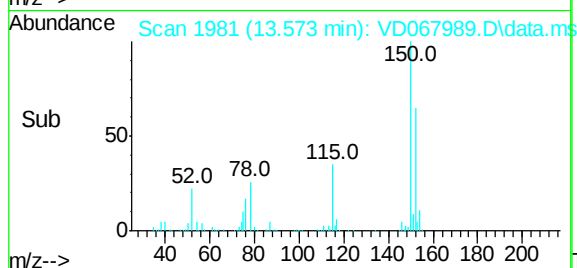
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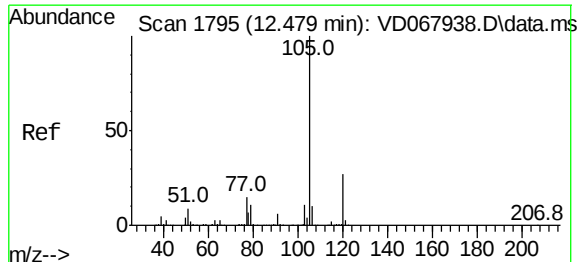


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



Tgt Ion:	152	Resp:	204557
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.3	88.0
150	161.7	0.0	340.0



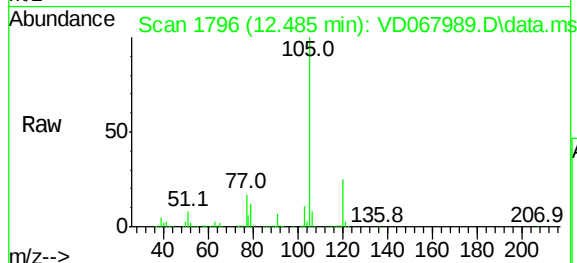


Isopropylbenzene
Concen: 19.91 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

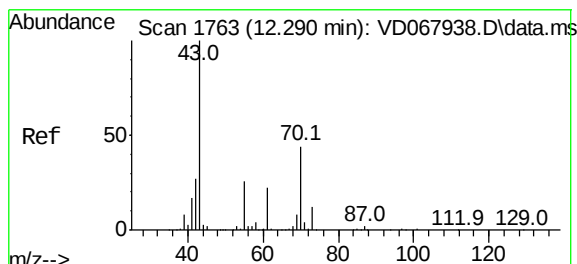
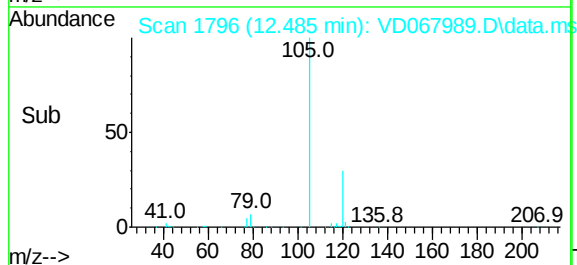
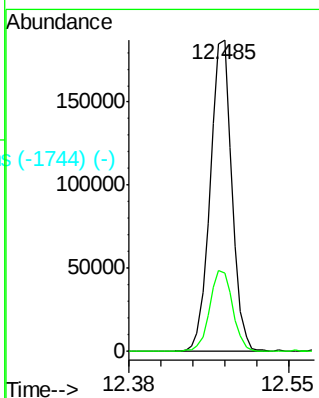
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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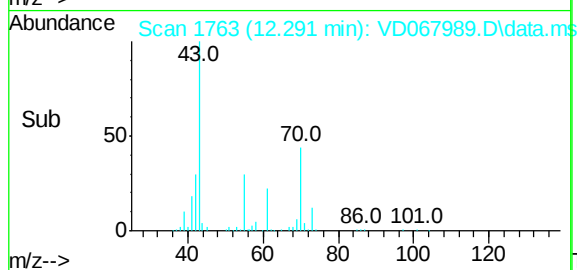
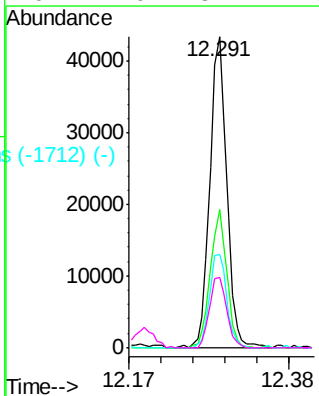
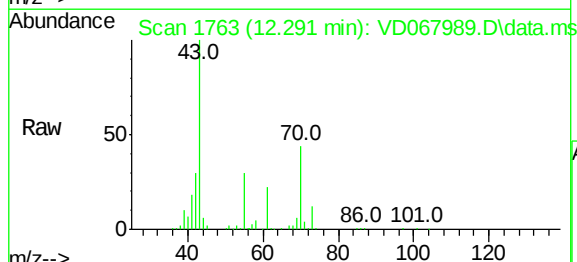


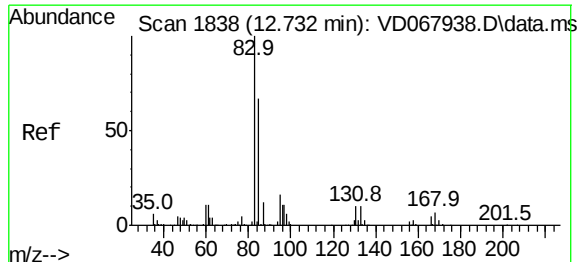
Tgt Ion:105 Resp: 302358
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



N-ethyl acetate
Concen: 19.52 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion: 43 Resp: 67265
Ion Ratio Lower Upper
43 100
70 42.9 34.3 51.5
55 30.6 21.2 31.8
61 22.9 18.4 27.6



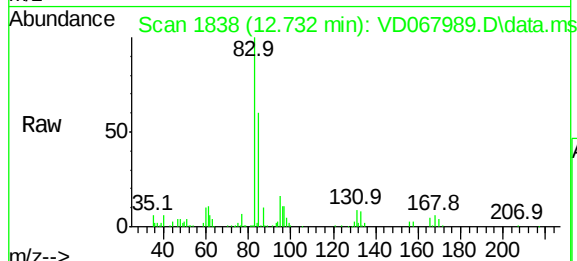


#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 21.15 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

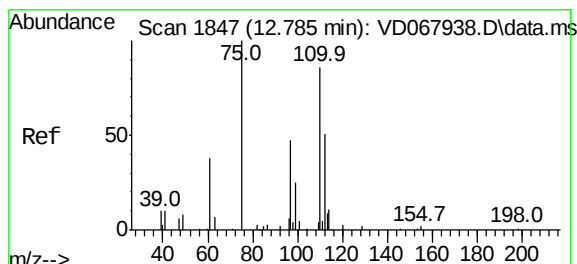
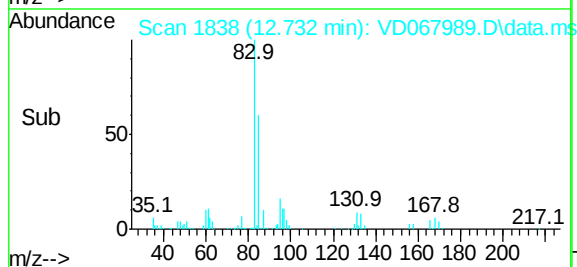
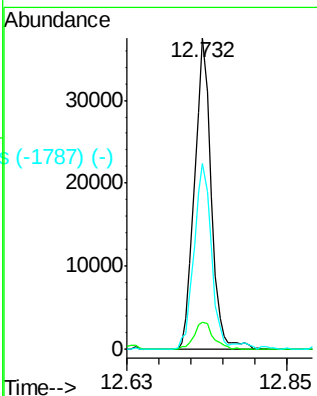
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

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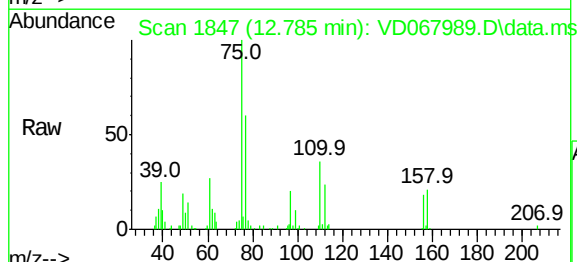
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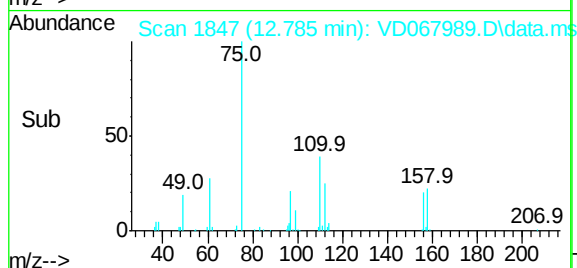
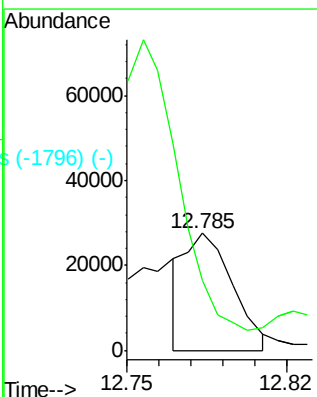
Tgt Ion:	83	Resp:	59566
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	62.4	32.1	96.3

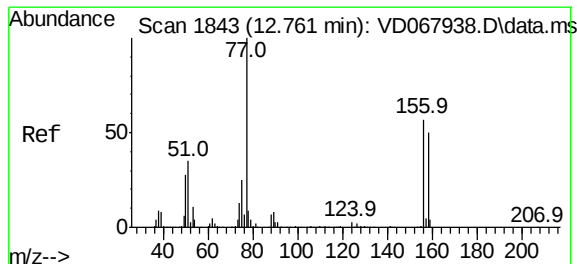


#1645 (-)
 1,2,3-Trichloropropane
 Concen: 20.83 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27



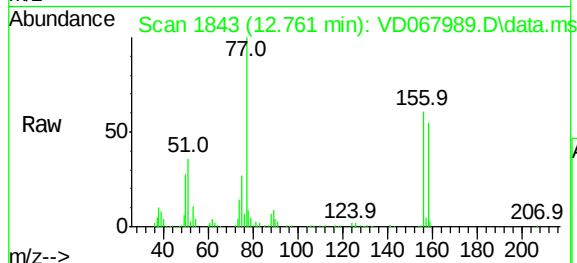
Tgt Ion:	75	Resp:	35881
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 20.59 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

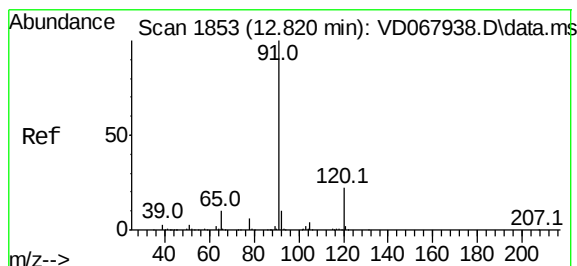
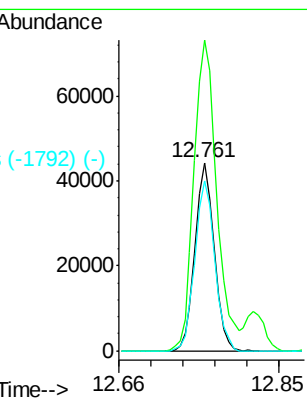
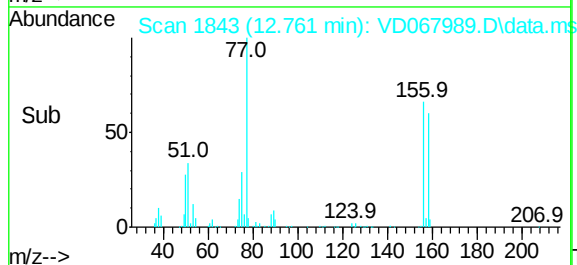
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



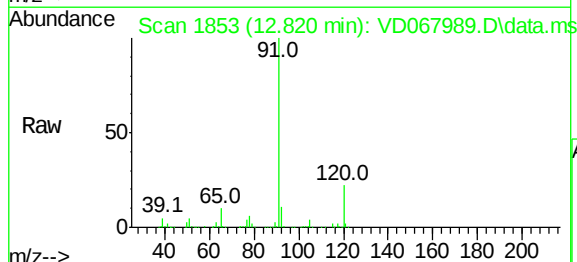
Tgt Ion:156 Resp: 71497
Ion Ratio Lower Upper
156 100
77 195.2 95.9 287.6
158 93.7 46.8 140.3

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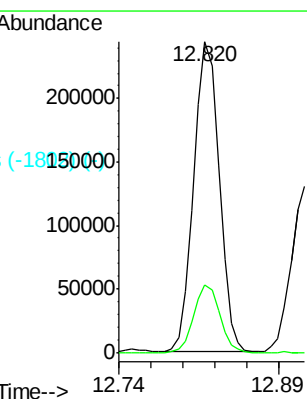
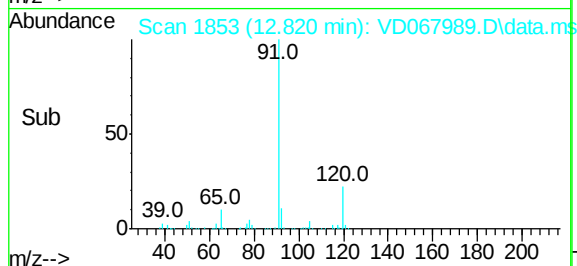
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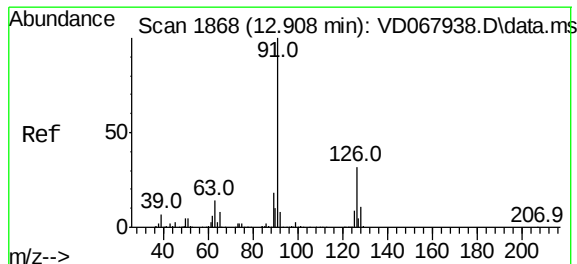


#1847 (-)
n-propylbenzene
Concen: 20.39 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



Tgt Ion: 91 Resp: 384828
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.5



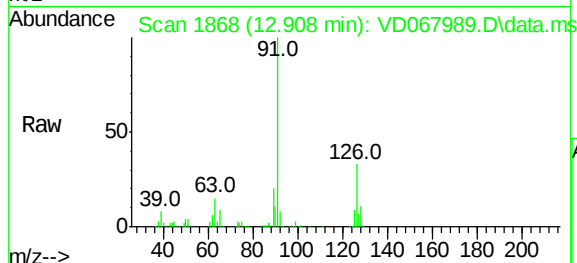


#1861 (-)
2-Chlorotoluene
Concen: 20.39 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

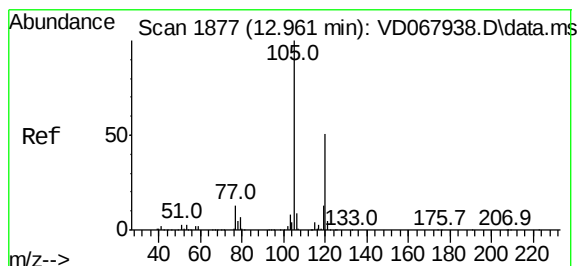
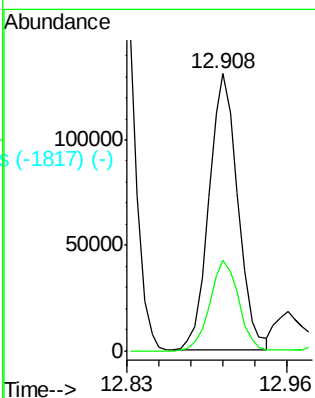
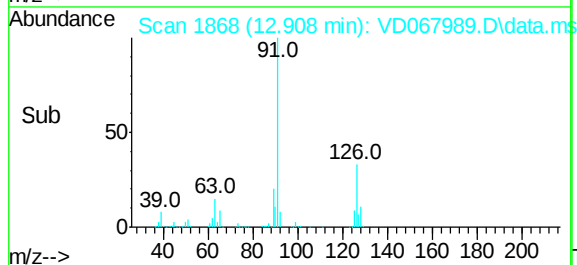
Instrument :
MSVOA_D
ClientSampleID :
VD0104SBSD01

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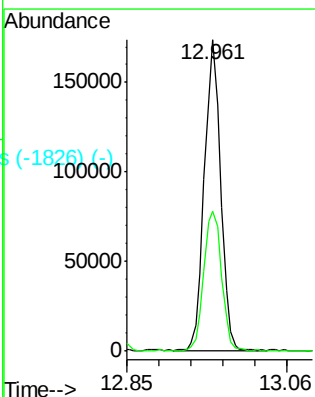
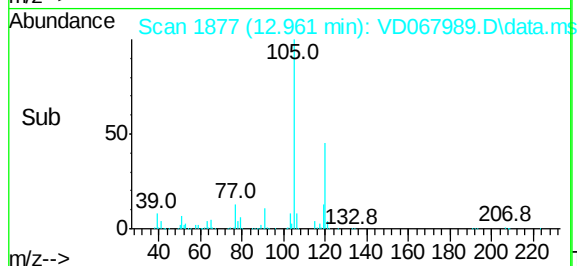
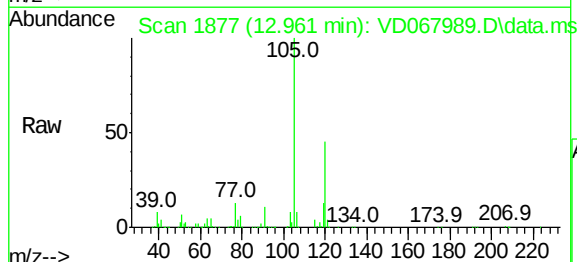


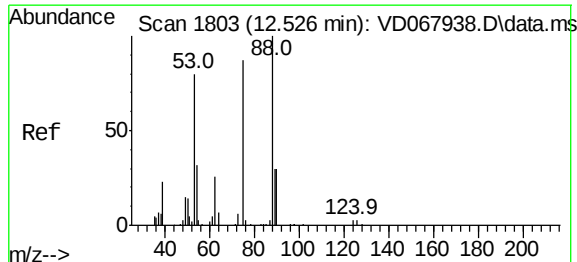
Tgt Ion: 91 Resp: 217417
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.3



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 20.65 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:105 Resp: 260443
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.6



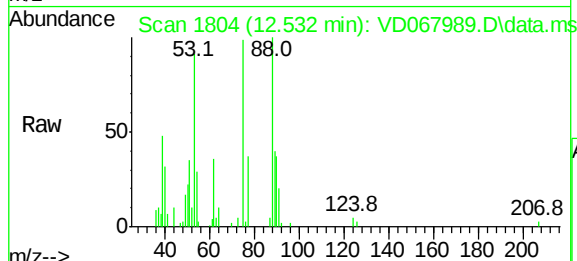


trans-1,4-Dichloro-2-butene
Concen: 21.68 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

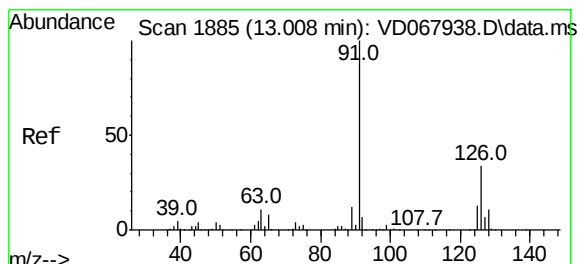
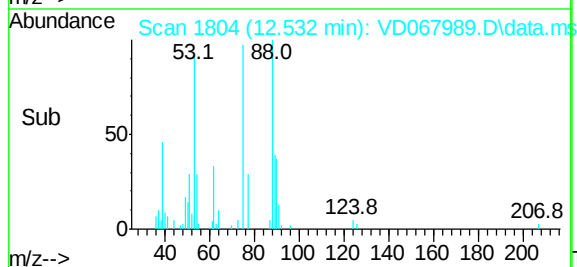
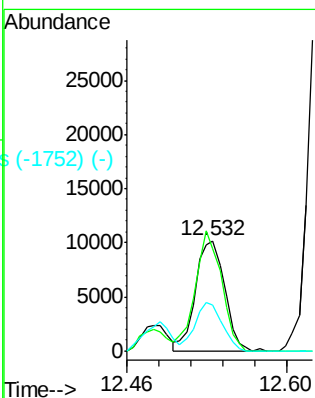
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

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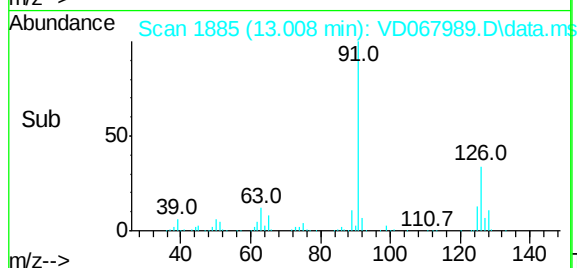
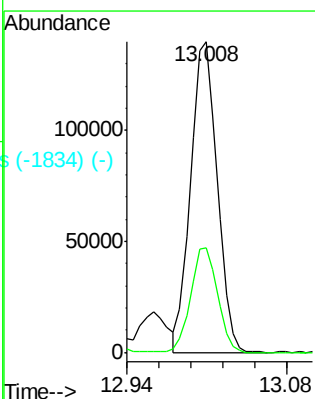
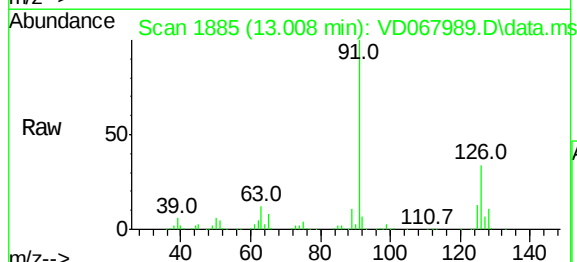


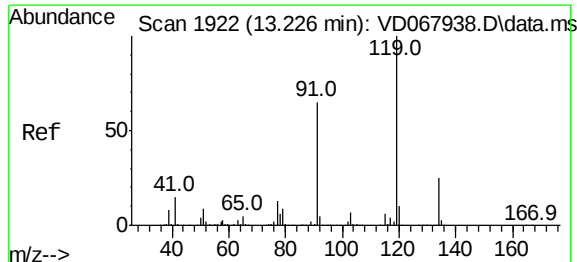
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.4	74.9	112.3
89	40.9	33.8	50.8



4-Chlorotoluene
Concen: 20.41 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0





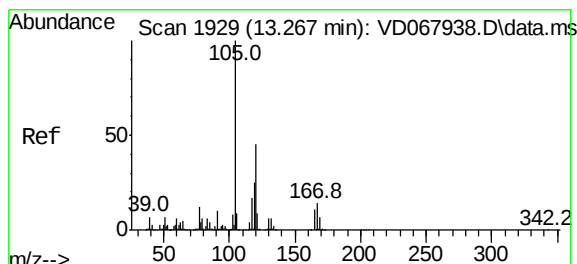
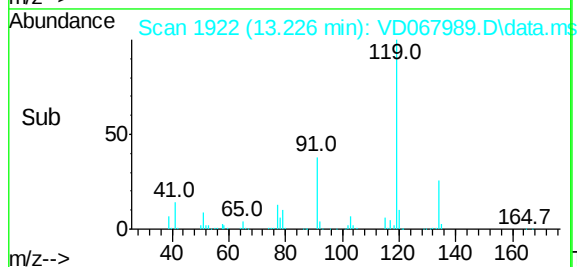
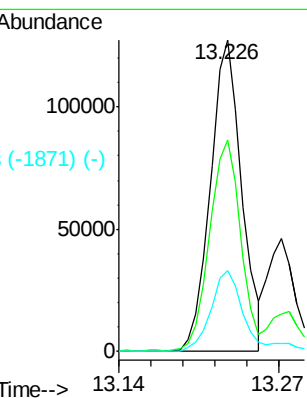
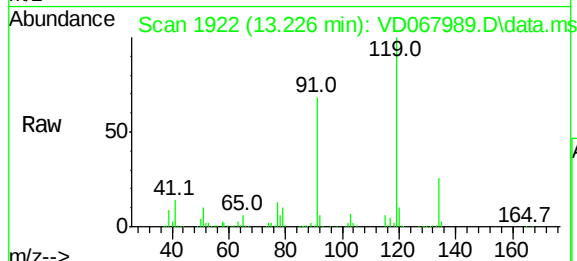
#13 (-)
tert-Butylbenzene
Concen: 19.99 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	119	Resp:	207289
Ion Ratio	Lower	Upper	
119	100		
91	67.3	32.7	98.1
134	25.4	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

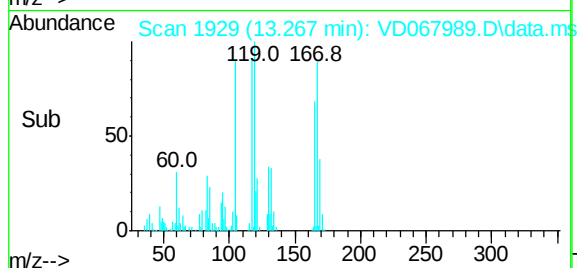
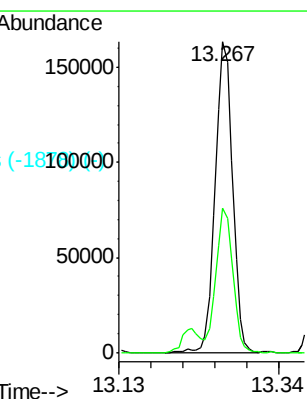
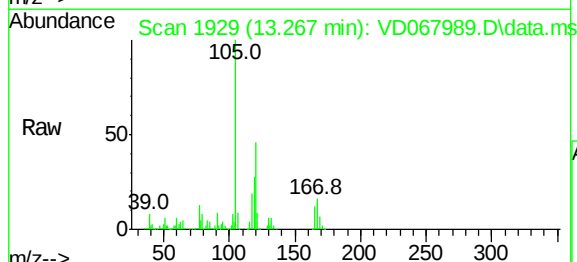
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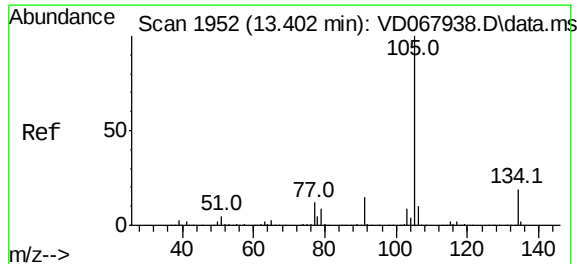
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#16 (-)
1,2,4-Trimethylbenzene
Concen: 20.57 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	105	Resp:	260195
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.7	68.0



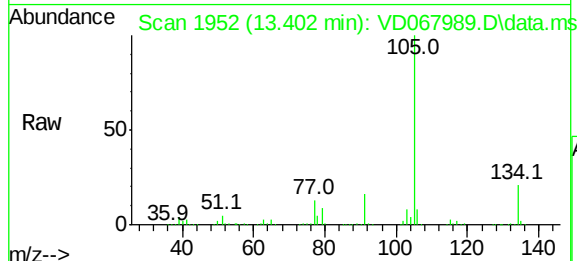


#8543 (-)
 sec-Butylbenzene
 Concen: 20.51 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

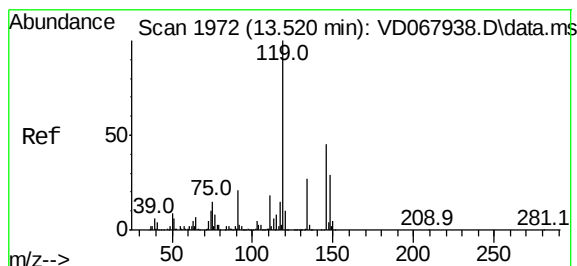
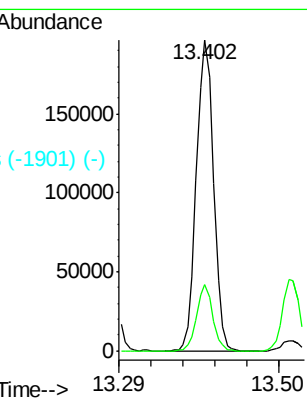
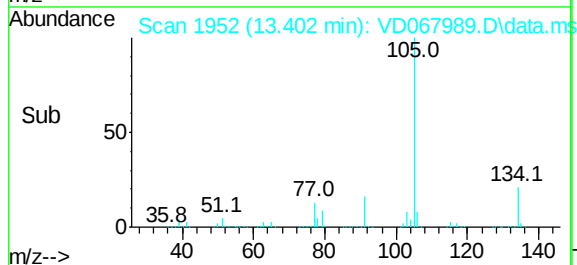
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBSD01

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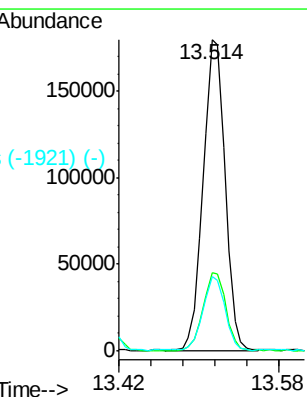
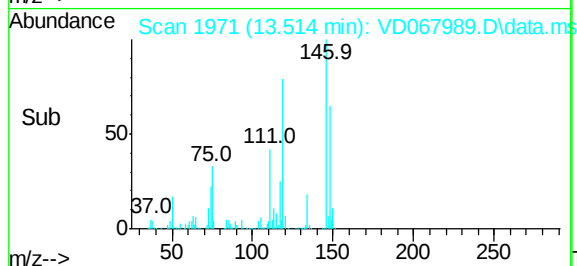
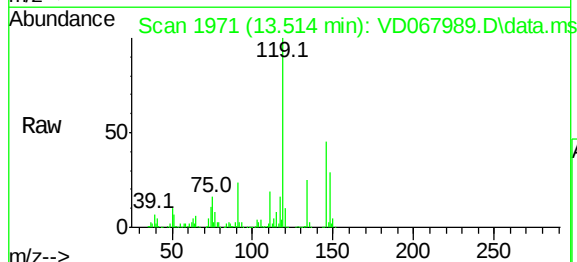


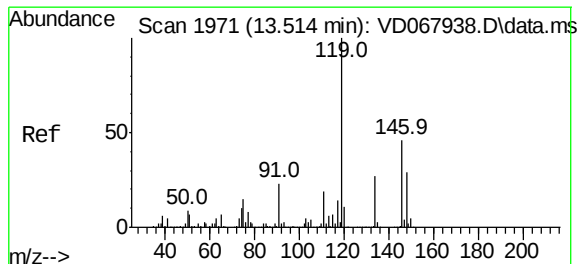
Tgt Ion:105 Resp: 311284
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#8564 (-)
 p-Isopropyltoluene
 Concen: 20.62 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067989.D
 Acq: 04 Jan 2021 12:27

Tgt Ion:119 Resp: 275376
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 23.8 11.4 34.2



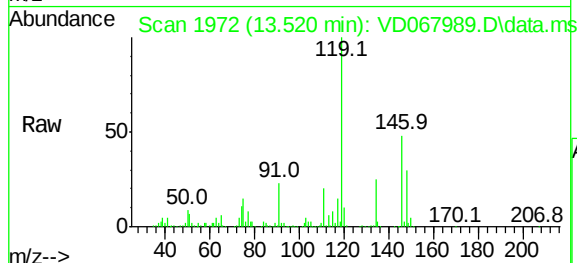


#863 (-)
1,3-Dichlorobenzene
Concen: 20.23 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

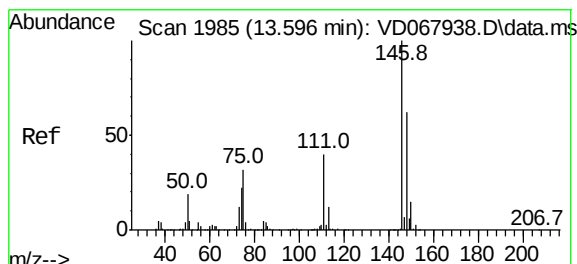
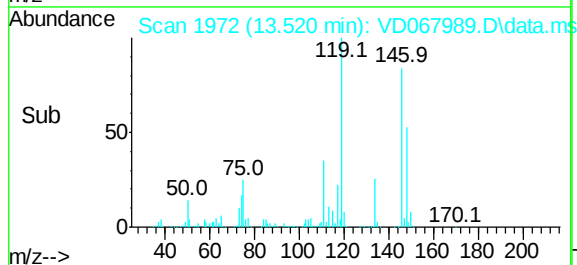
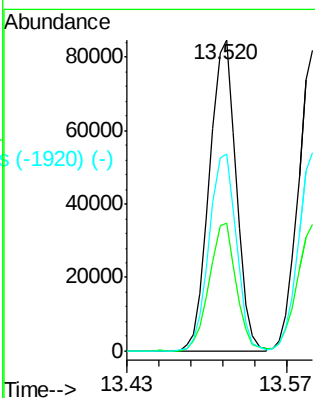
Instrument :
MSVOA_D
ClientSampleId :
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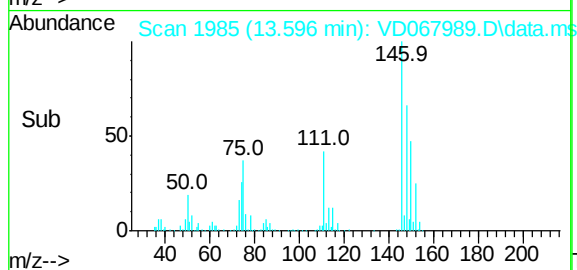
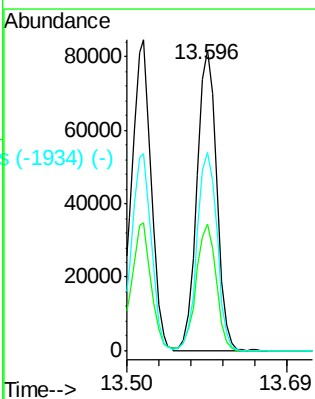
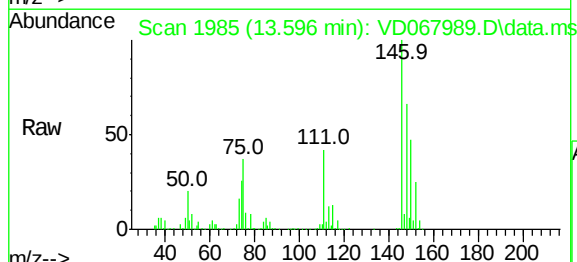


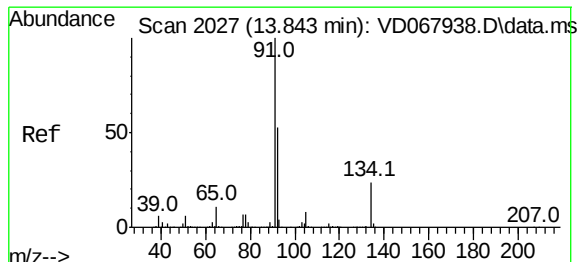
Tgt Ion:	146	Resp:	139692
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.9
148	64.5	31.8	95.4



#868 (-)
1,4-Dichlorobenzene
Concen: 19.71 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	146	Resp:	134442
Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.4	58.2
148	66.8	31.9	95.9





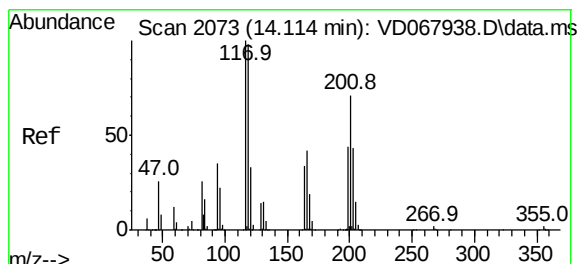
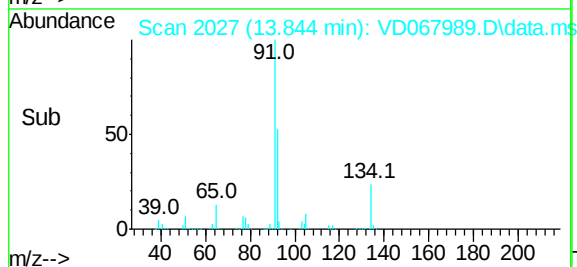
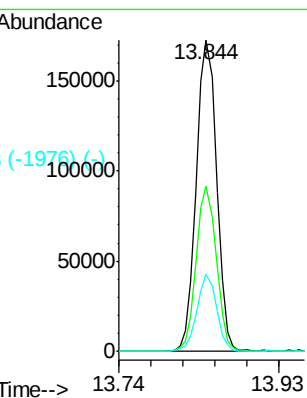
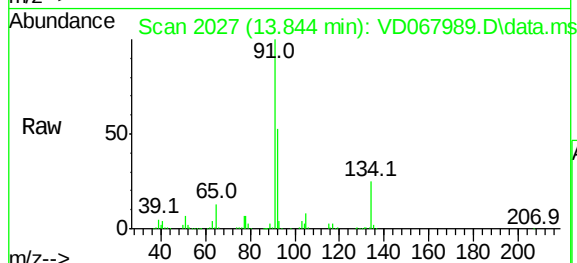
#2017 (-)
n-Butylbenzene
Concen: 20.16 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	91	Resp:	267038
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.8	80.3
134	23.5	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

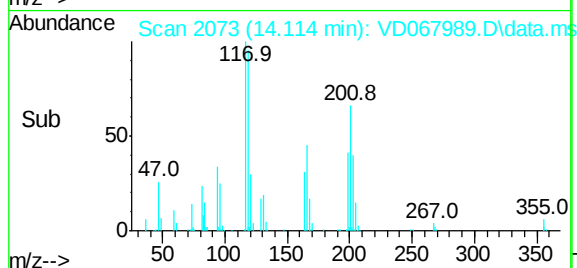
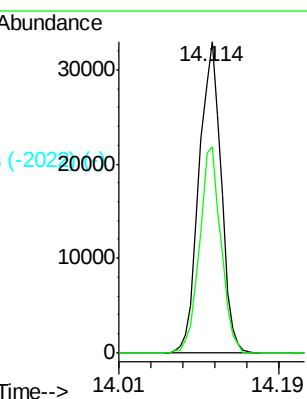
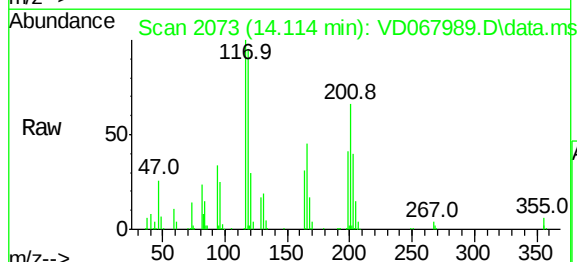
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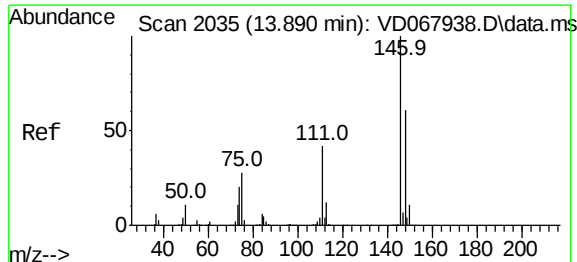
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#2064 (-)
Hexachloroethane
Concen: 20.41 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	117	Resp:	55702
Ion	Ratio	Lower	Upper
117	100		
201	64.1	34.3	102.8





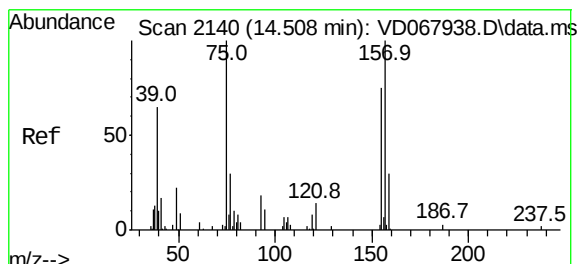
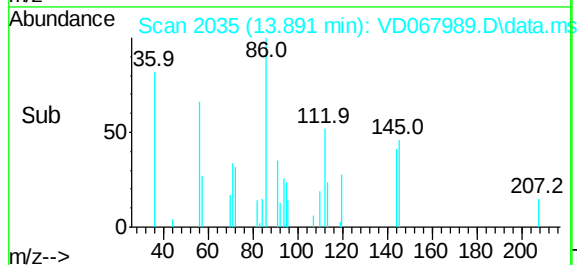
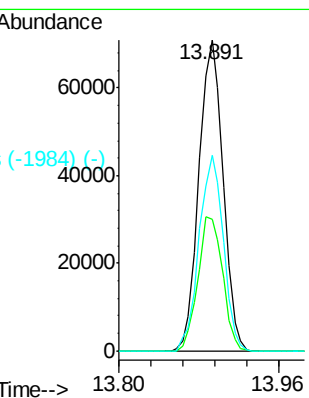
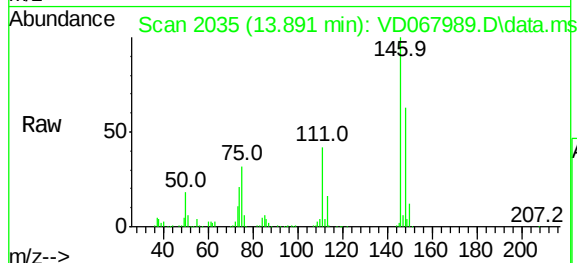
#91
1,2-Dichlorobenzene
Concen: 20.41 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	146	Resp:	118681
Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.8	62.5
148	63.3	31.6	95.0

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01

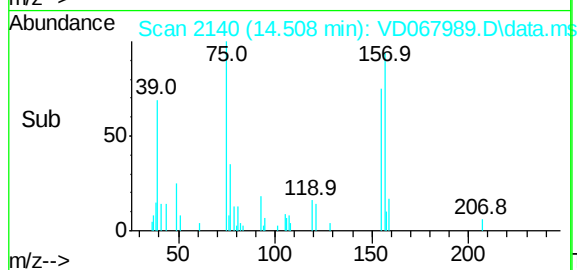
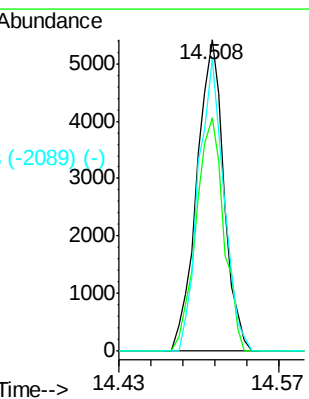
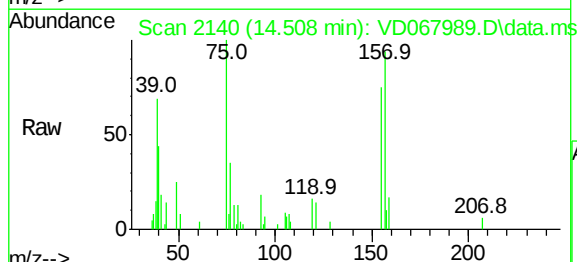
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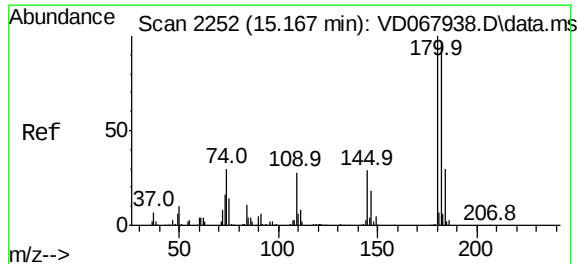
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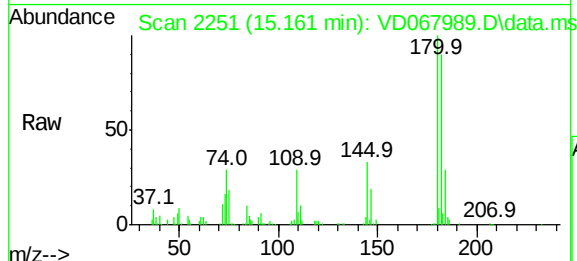
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.28 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

Tgt Ion:	75	Resp:	8941
Ion	Ratio	Lower	Upper
75	100		
155	76.6	39.8	119.3
157	88.8	50.6	151.9

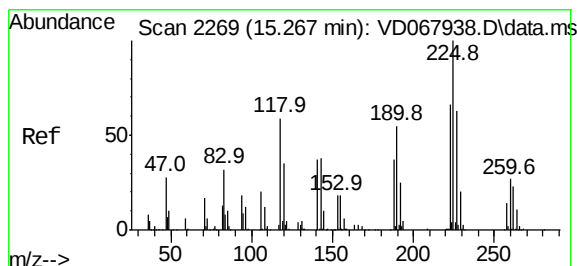
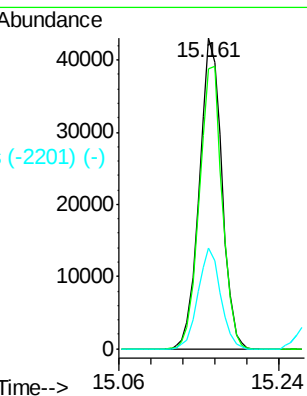
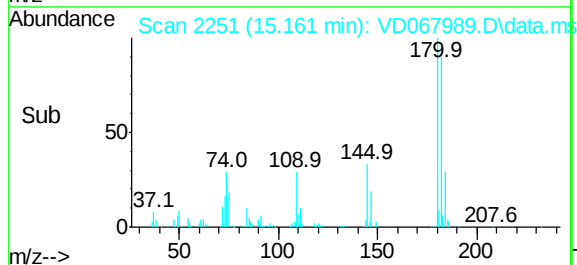




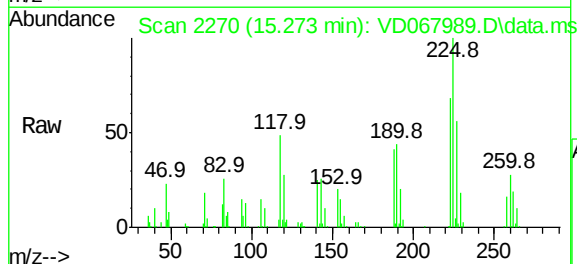
#9342 (-)
1,2,4-Trichlorobenzene
Concen: 20.94 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



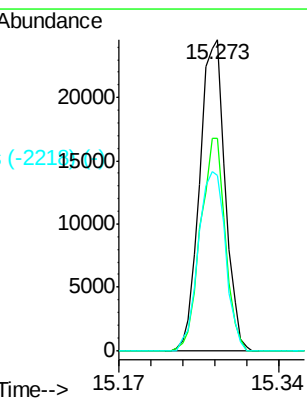
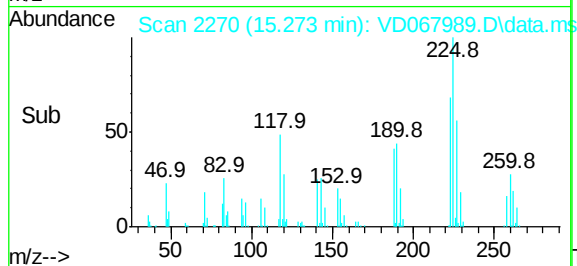
Tgt Ion:	180	Resp:	72272
Ion Ratio	Lower	Upper	
180	100		
182	92.4	48.0	144.2
145	32.6	15.8	47.3



#9340 (-)
Hexachlorobutadiene
Concen: 21.44 ug/l
RT: 15.273 min Scan# 2270
Delta R.T. 0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



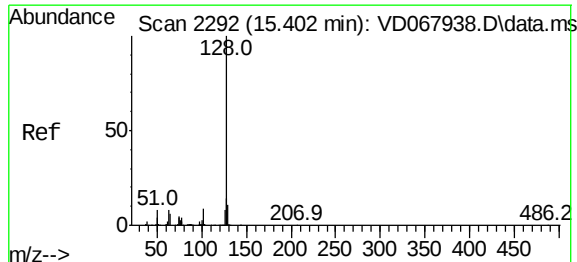
Tgt Ion:	225	Resp:	43311
Ion Ratio	Lower	Upper	
225	100		
223	66.5	33.4	100.2
227	61.5	31.7	95.1



Instrument :
MSVOA_D
ClientSampleId :
VD0104SBS01

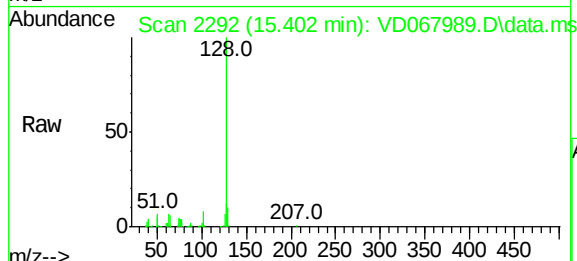
Manual Integrations
APPROVED

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#953 (-)
Naphthalene
Concen: 19.56 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27

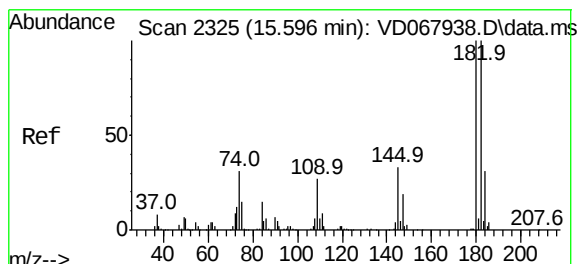
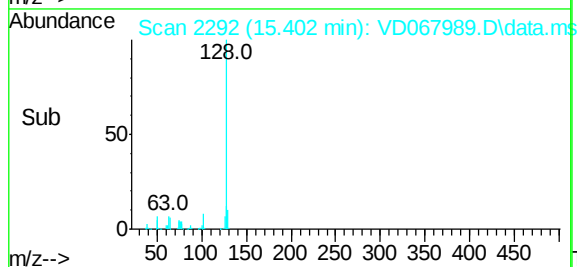
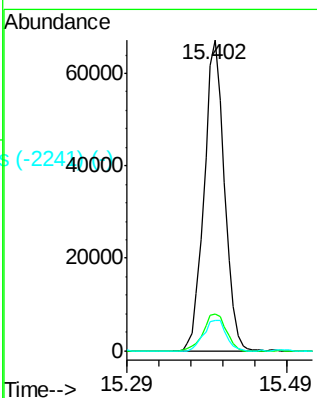
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBSD01



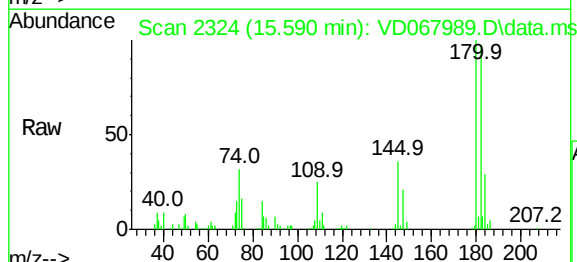
Tgt Ion:	128	Resp:	119313
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.2	16.8
129	10.9	8.6	12.8

Manual Integrations
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#9615 (-)
1,2,3-Trichlorobenzene
Concen: 20.93 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.006 min
Lab File: VD067989.D
Acq: 04 Jan 2021 12:27



Tgt Ion:	180	Resp:	62421
Ion Ratio	Lower	Upper	
180	100		
182	96.1	50.2	150.6
145	34.3	17.0	51.0

