

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069017.D
 Acq On : 29 Apr 2021 14:41
 Operator : VA/SY
 Sample : VD0429SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBS01

Manual Integrations
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MMDadoda
 4/30/2021 11:02:41 AM

Quant Time: Apr 30 02:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	242540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	398983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	388065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127133	49.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.20%		
35) Dibromofluoromethane	7.914	113	142644	54.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.94%		
50) Toluene-d8	10.338	98	514169	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.04%		
62) 4-Bromofluorobenzene	12.632	95	172510	53.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.12%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46122	19.19	ug/l	96
3) Chloromethane	2.209	50	55537	19.66	ug/l	94
4) Vinyl Chloride	2.350	62	73814	20.80	ug/l	98
5) Bromomethane	2.756	94	64264	24.22	ug/l	100
6) Chloroethane	2.914	64	50111	21.48	ug/l	100
7) Trichlorofluoromethane	3.267	101	93428	22.37	ug/l	96
8) Diethyl Ether	3.709	74	24138	21.40	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	55622	22.07	ug/l	98
10) Methyl Iodide	4.303	142	51058	18.78	ug/l	94
11) Tert butyl alcohol	5.214	59	17700	113.81	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	49745	20.49	ug/l	96
13) Acrolein	3.920	56	6020	59.67	ug/l #	81
14) Allyl chloride	4.714	41	51033	18.65	ug/l	93
15) Acrylonitrile	5.420	53	47915	94.66	ug/l	95
16) Acetone	4.150	43	33857	95.38	ug/l #	85
17) Carbon Disulfide	4.408	76	152718	19.44	ug/l	100
18) Methyl Acetate	4.714	43	18617	19.09	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	108934	20.22	ug/l	100
20) Methylene Chloride	4.961	84	66254	20.17	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	62688	20.11	ug/l	97
22) Diisopropyl ether	6.361	45	123926	18.69	ug/l #	89
23) Vinyl Acetate	6.308	43	325525	92.66	ug/l	95
24) 1,1-Dichloroethane	6.261	63	100103	20.03	ug/l	97
25) 2-Butanone	7.214	43	50040	99.62	ug/l	94
26) 2,2-Dichloropropane	7.208	77	87639	21.47	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	72377	23.36	ug/l	93
28) Bromochloromethane	7.549	49	32002	17.74	ug/l	87
29) Tetrahydrofuran	7.555	42	31939	94.55	ug/l	95
30) Chloroform	7.708	83	119923	21.92	ug/l	92
31) Cyclohexane	7.979	56	73257	17.18	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	96133	20.11	ug/l	97
36) 1,1-Dichloropropene	8.108	75	80104	19.83	ug/l	97
37) Ethyl Acetate	7.291	43	25217	21.26	ug/l	96
38) Carbon Tetrachloride	8.097	117	86079	21.53	ug/l	94
39) Methylcyclohexane	9.355	83	85450	18.14	ug/l	96
40) Benzene	8.349	78	247717	20.96	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11306	16.10	ug/l #	66
42) 1,2-Dichloroethane	8.420	62	66675	21.34	ug/l	99
43) Isopropyl Acetate	8.449	43	47961	19.83	ug/l	96
44) Trichloroethene	9.114	130	72949	22.35	ug/l	84
45) 1,2-Dichloropropane	9.385	63	59407	21.05	ug/l	100
46) Dibromomethane	9.473	93	35283	22.44	ug/l	92
47) Bromodichloromethane	9.661	83	92127	22.43	ug/l	98
48) Methyl methacrylate	9.455	41	21465	18.01	ug/l #	80
49) 1,4-Dioxane	9.461	88	7412	445.22	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	124773	102.37	ug/l	99
52) Toluene	10.402	92	164085	21.93	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	77785	21.36	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	94006	21.58	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	49747	22.37	ug/l	94
56) Ethyl methacrylate	10.661	69	47207	20.63	ug/l	96
57) 1,3-Dichloropropane	10.943	76	77836	21.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	101658	94.75	ug/l	94
59) 2-Hexanone	10.985	43	80517	98.73	ug/l	100
60) Dibromochloromethane	11.138	129	65923	23.65	ug/l	100
61) 1,2-Dibromoethane	11.243	107	47795	22.12	ug/l	98
64) Tetrachloroethene	10.873	164	59062	21.71	ug/l	97
65) Chlorobenzene	11.667	112	183590	21.85	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	69978	23.17	ug/l	99
67) Ethyl Benzene	11.743	91	300393	20.65	ug/l	100
68) m/p-Xylenes	11.849	106	238528	42.50	ug/l	95
69) o-Xylene	12.179	106	109186	21.39	ug/l	94
70) Styrene	12.190	104	194147	21.83	ug/l	97
71) Bromoform	12.361	173	37644	23.26	ug/l #	100
73) Isopropylbenzene	12.479	105	285285	19.94	ug/l	98
74) N-amyl acetate	12.285	43	41554	17.13	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	54700	20.45	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	42509m	23.75	ug/l	
77) Bromobenzene	12.755	156	74760	21.74	ug/l	91
78) n-propylbenzene	12.814	91	337380	19.41	ug/l	99
79) 2-Chlorotoluene	12.902	91	192900	19.87	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	241577	20.20	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	14515	18.82	ug/l	94
82) 4-Chlorotoluene	13.002	91	207126	20.13	ug/l	95
83) tert-Butylbenzene	13.220	119	194976	19.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	246685	20.42	ug/l	99
85) sec-Butylbenzene	13.396	105	279444	19.51	ug/l	98
86) p-Isopropyltoluene	13.514	119	254703	19.47	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	143992	21.13	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	140737	20.87	ug/l	99
89) n-Butylbenzene	13.837	91	225779	18.33	ug/l	99
90) Hexachloroethane	14.108	117	53511	20.54	ug/l	95
91) 1,2-Dichlorobenzene	13.884	146	125915	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8195	20.16	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	75606	20.72	ug/l	98
94) Hexachlorobutadiene	15.261	225	41768	19.99	ug/l	96
95) Naphthalene	15.396	128	127669	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	69340	21.73	ug/l	97

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QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

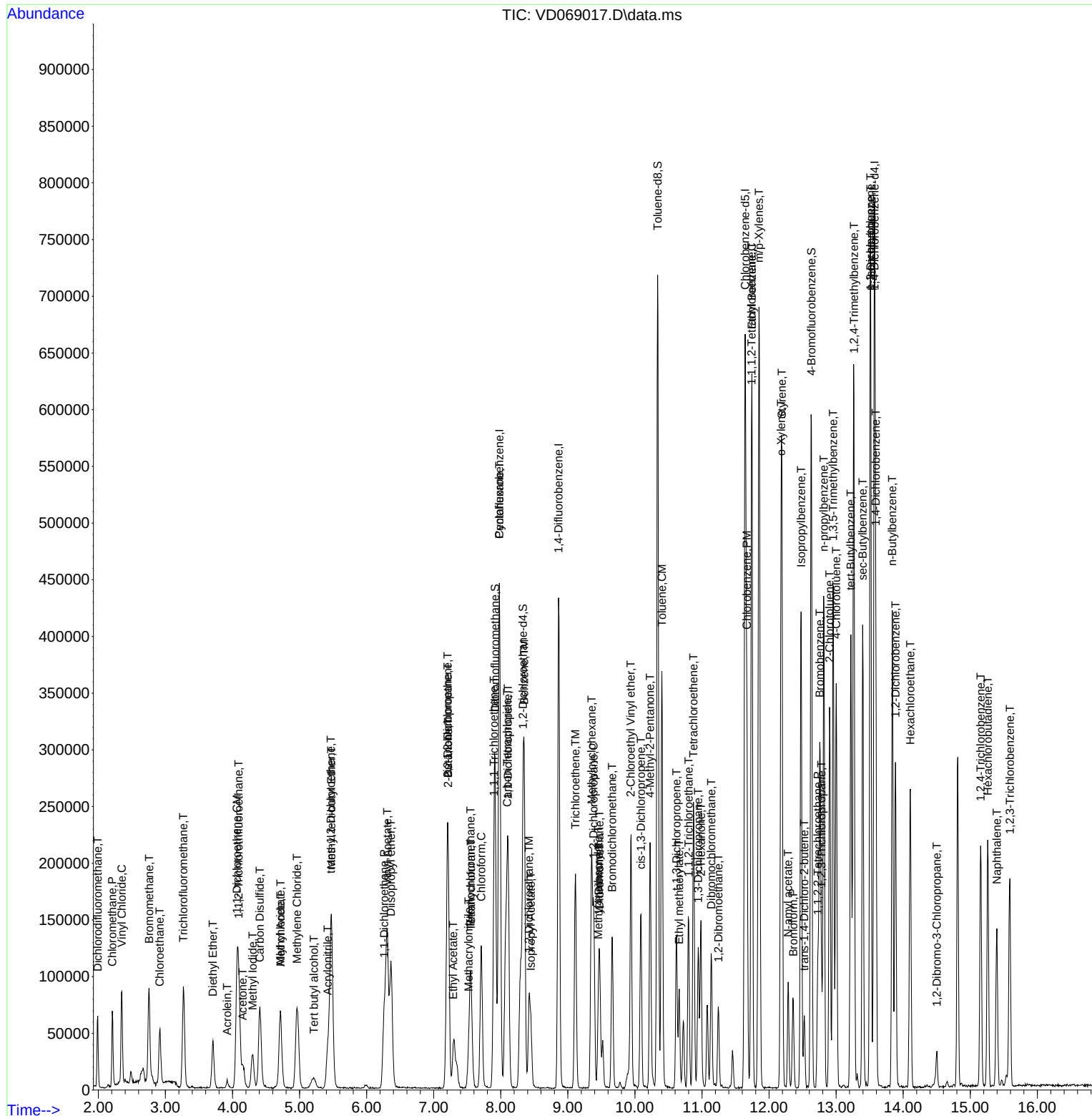
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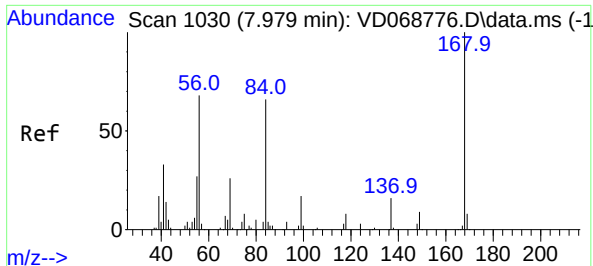
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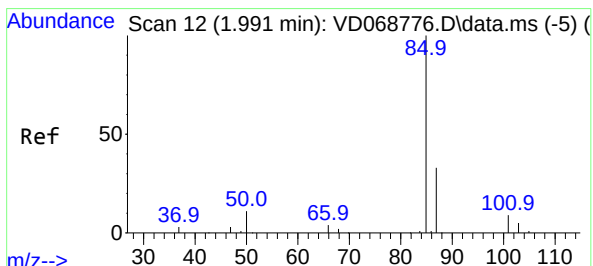
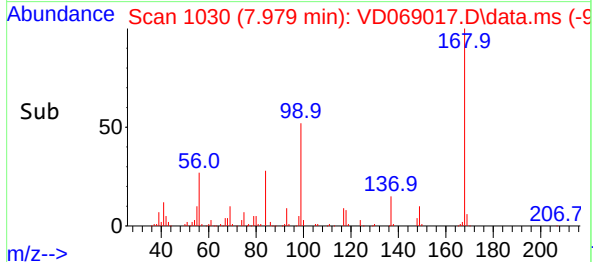
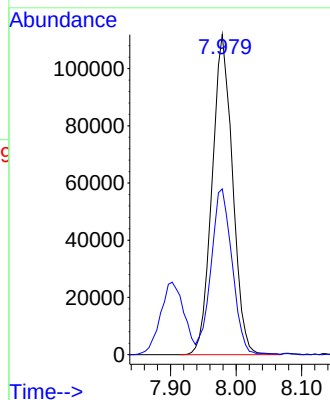
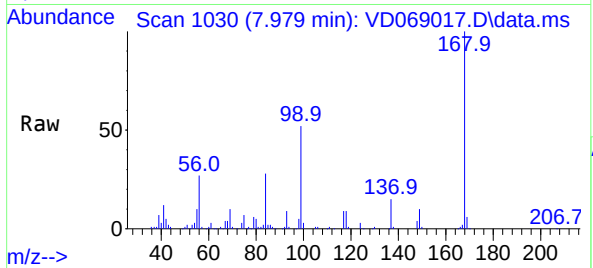
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 168 Resp: 242540
Ion Ratio Lower Upper
168 100
99 51.6 46.2 69.2

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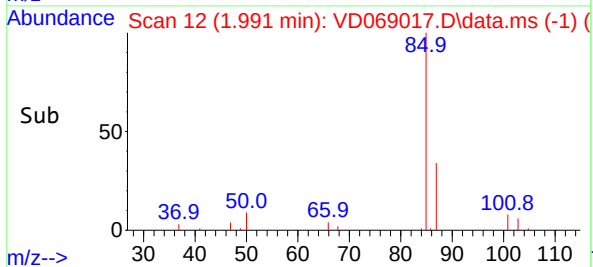
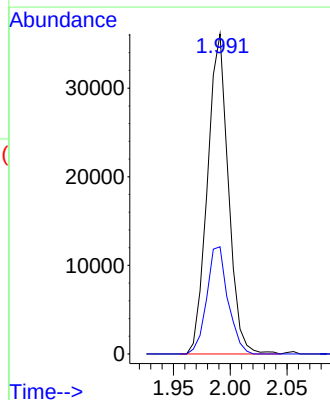
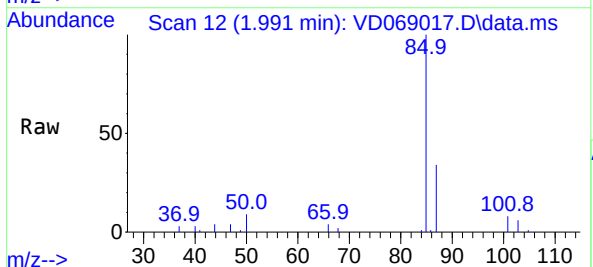
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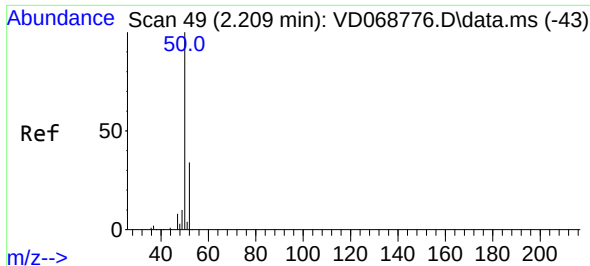
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#2
Dichlorodifluoromethane
Concen: 19.19 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 85 Resp: 46122
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





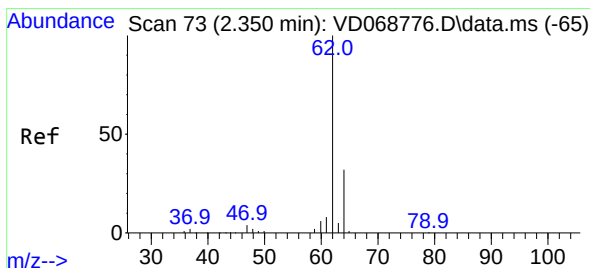
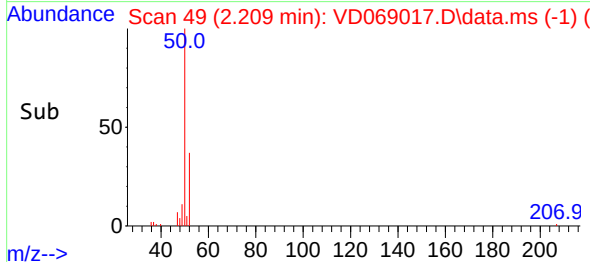
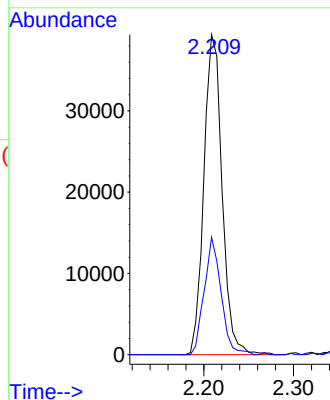
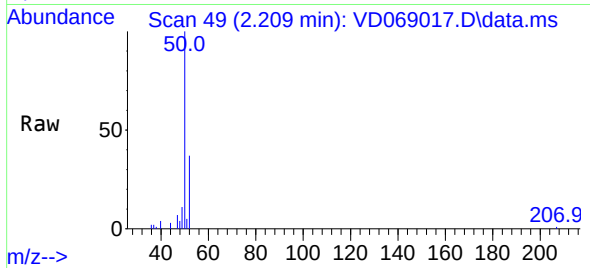
#3
Chloromethane
Concen: 19.66 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 50 Resp: 55537
Ion Ratio Lower Upper
50 100
52 36.7 26.7 40.1

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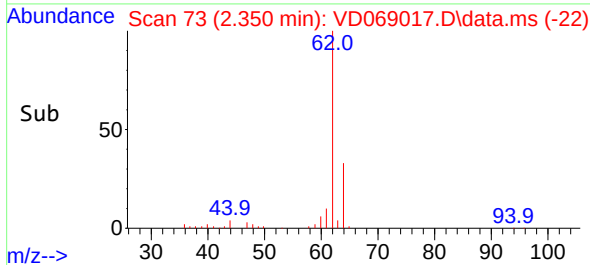
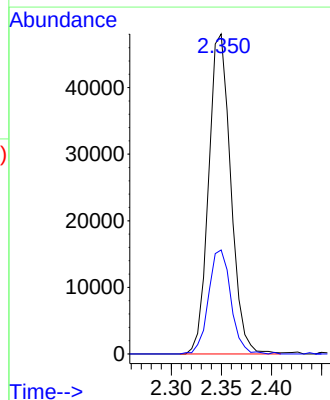
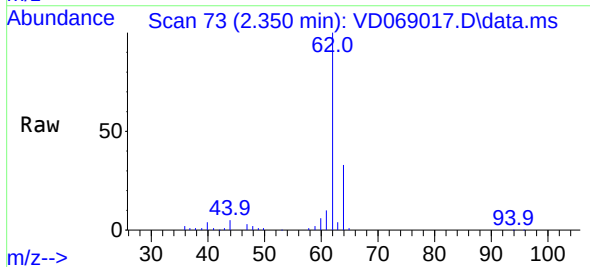
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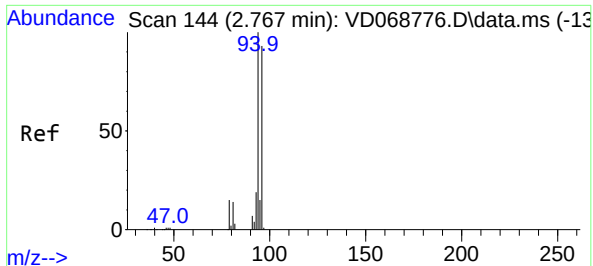
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#4
Vinyl Chloride
Concen: 20.80 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 62 Resp: 73814
Ion Ratio Lower Upper
62 100
64 32.5 27.1 40.7





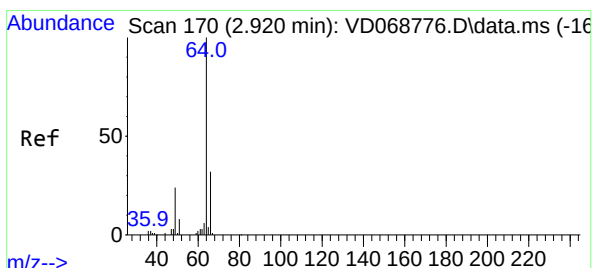
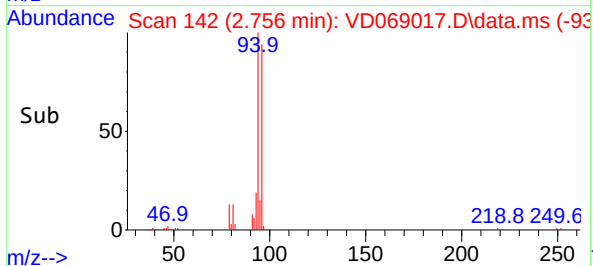
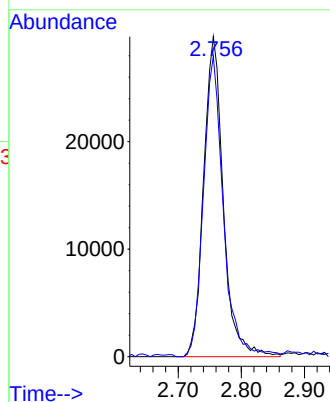
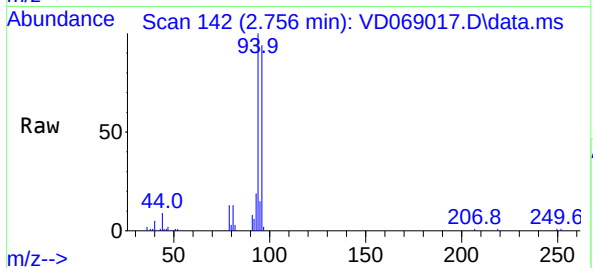
#5
Bromomethane
Concen: 24.22 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 94 Resp: 64264
Ion Ratio Lower Upper
94 100
96 93.8 74.7 112.1

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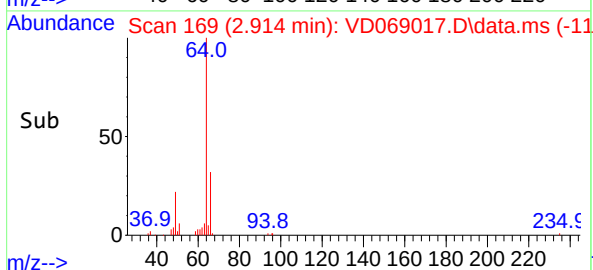
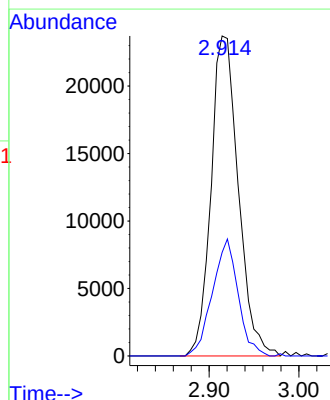
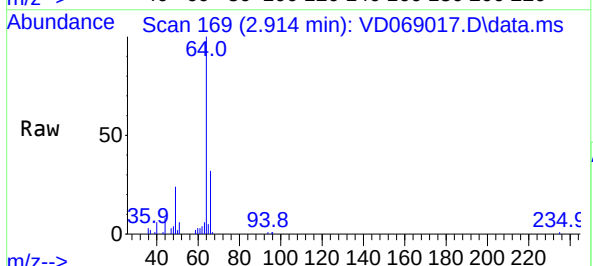
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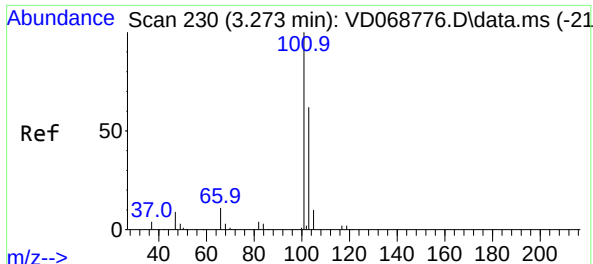
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#6
Chloroethane
Concen: 21.48 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 64 Resp: 50111
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





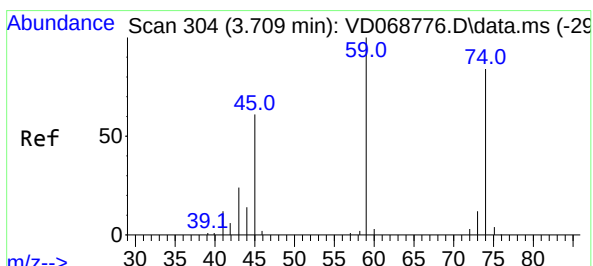
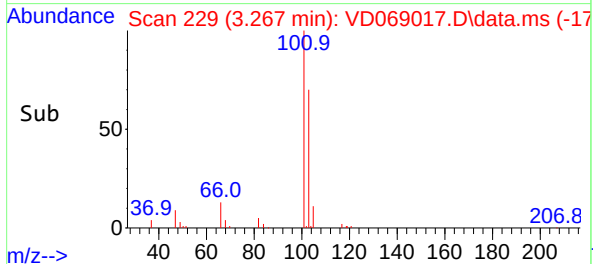
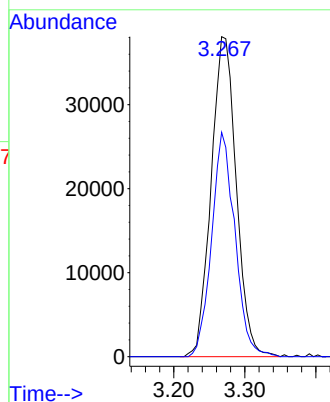
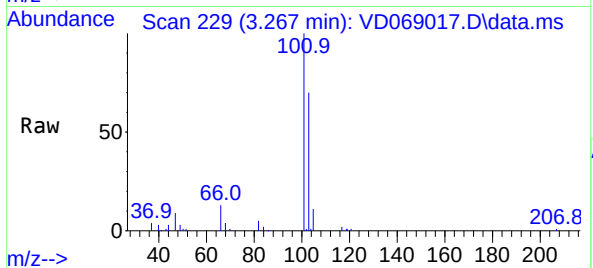
#7
Trichlorofluoromethane
Concen: 22.37 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:101 Resp: 93428
Ion Ratio Lower Upper
101 100
103 70.1 53.4 80.2

Instrument :
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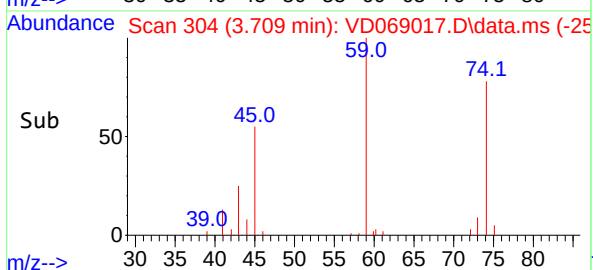
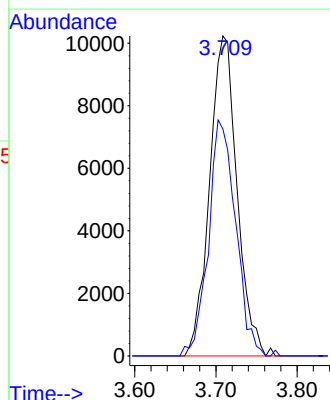
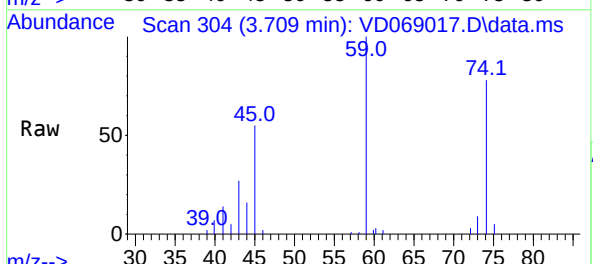
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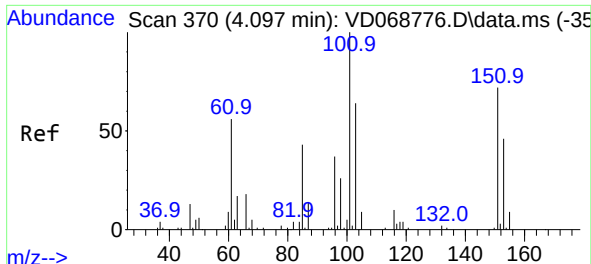
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#8
Diethyl Ether
Concen: 21.40 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 74 Resp: 24138
Ion Ratio Lower Upper
74 100
45 72.5 40.5 121.5





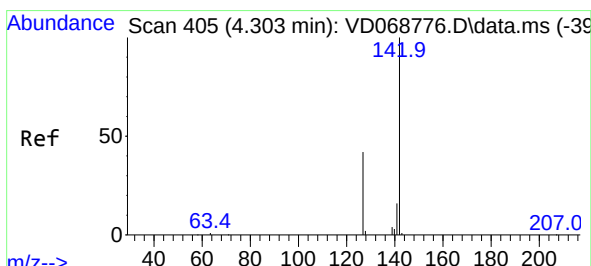
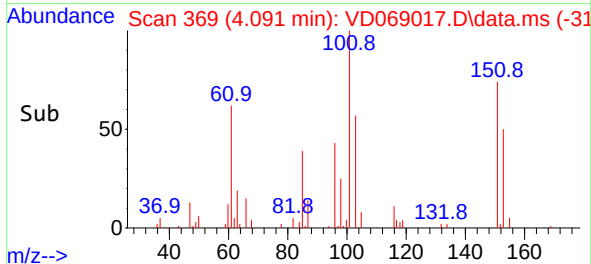
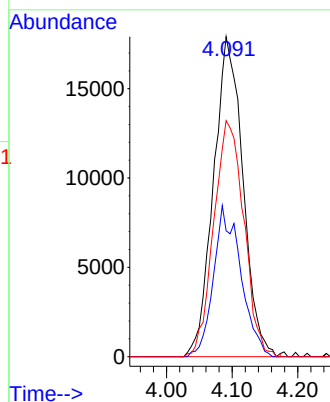
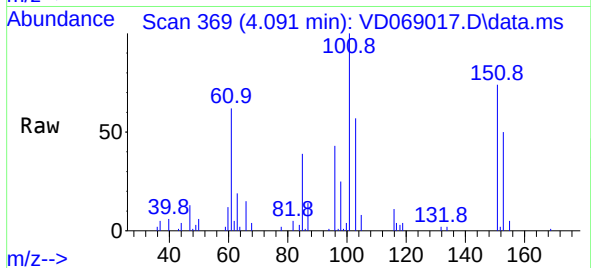
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.07 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	101	Resp:	55622
Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.8	50.6
151	75.7	59.4	89.2

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

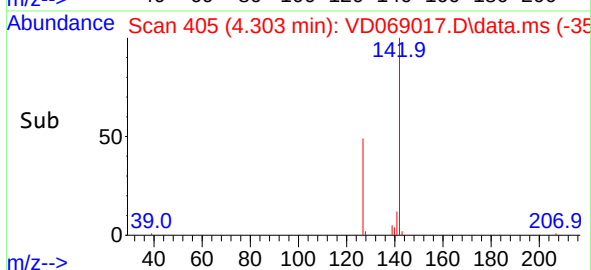
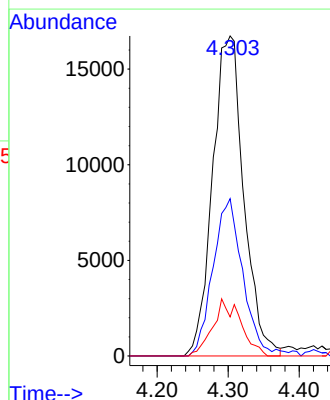
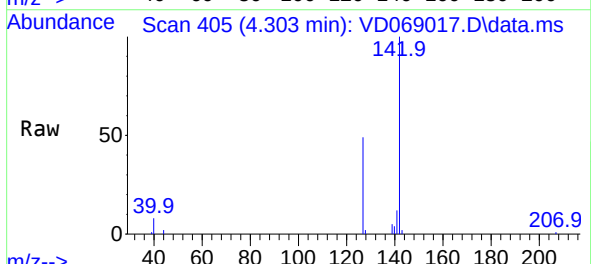
Manual Integrations
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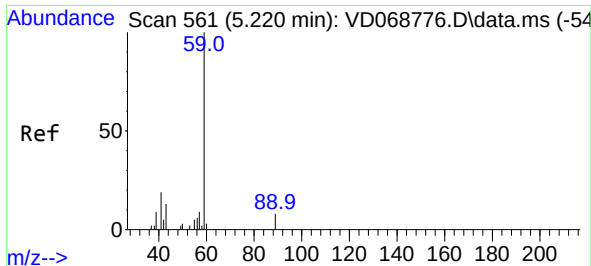
MMDadoda
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#10
Methyl Iodide
Concen: 18.78 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	142	Resp:	51058
Ion	Ratio	Lower	Upper
142	100		
127	47.5	34.7	52.1
141	16.0	11.0	16.4





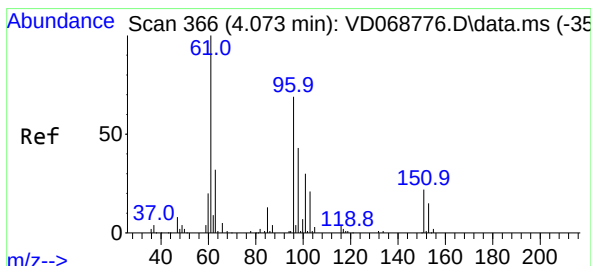
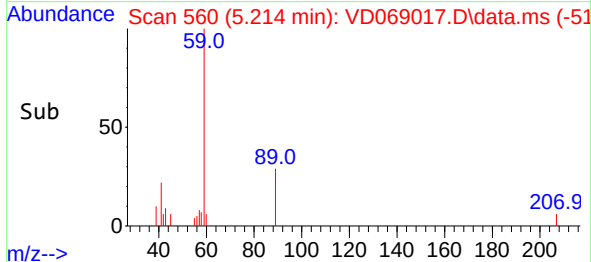
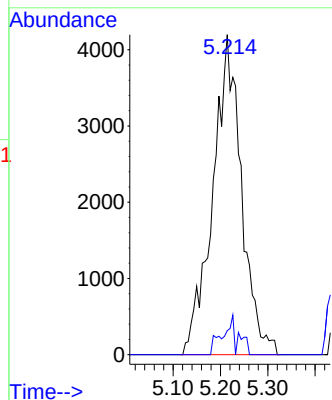
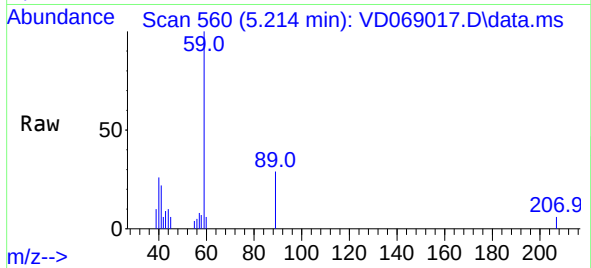
#11
Tert butyl alcohol
Concen: 113.81 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 59 Resp: 17700
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

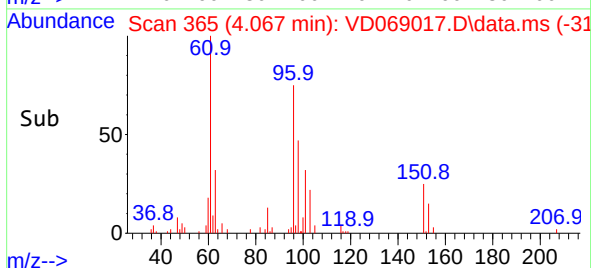
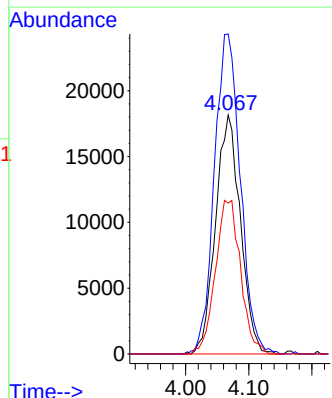
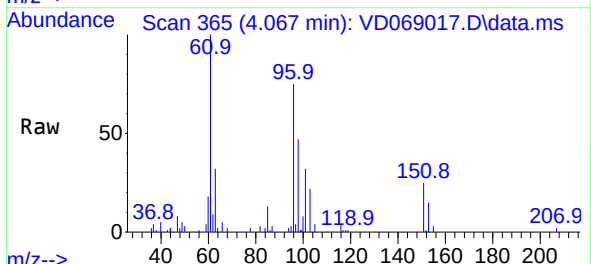
Manual Integrations
APPROVED

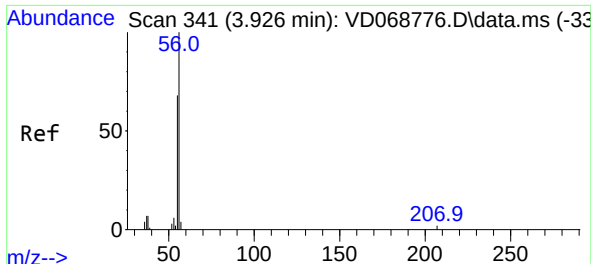
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.49 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 96 Resp: 49745
Ion Ratio Lower Upper
96 100
61 134.0 112.2 168.2
98 63.2 50.2 75.2





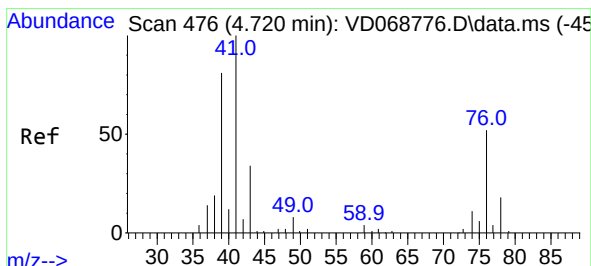
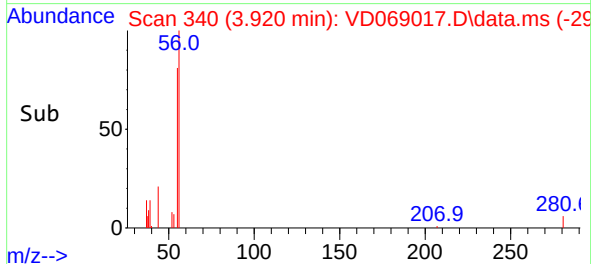
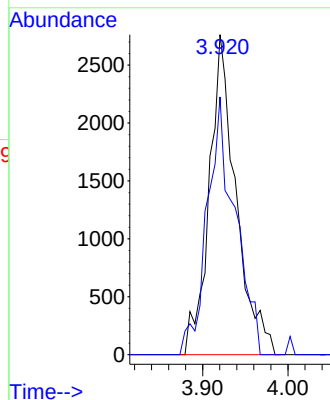
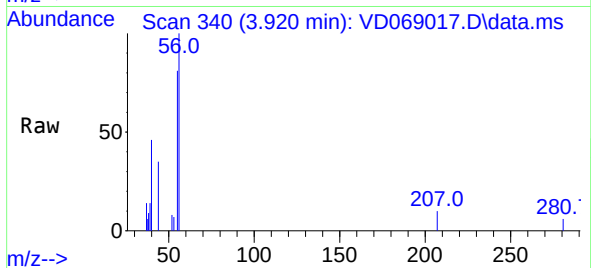
#13
Acrolein
Concen: 59.67 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 56 Resp: 6020
Ion Ratio Lower Upper
56 100
55 84.0 54.7 82.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

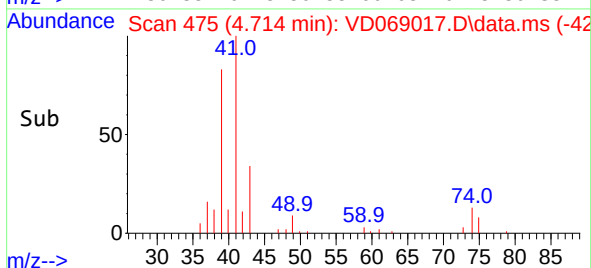
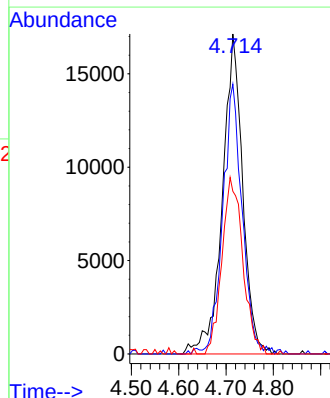
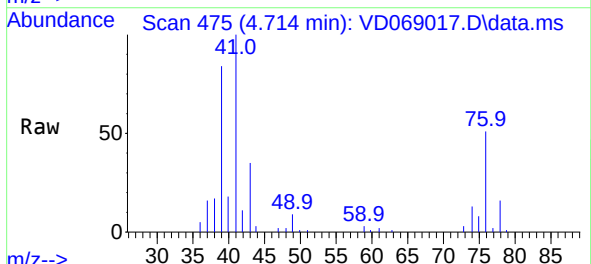
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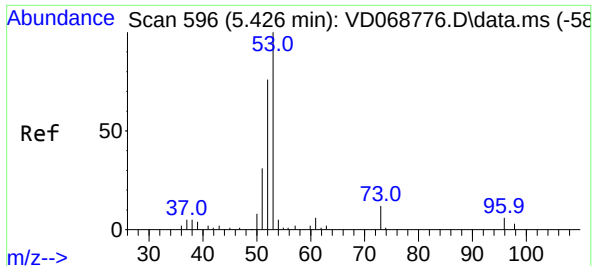
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#14
Allyl chloride
Concen: 18.65 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 41 Resp: 51033
Ion Ratio Lower Upper
41 100
39 80.1 60.6 91.0
76 56.6 40.4 60.6





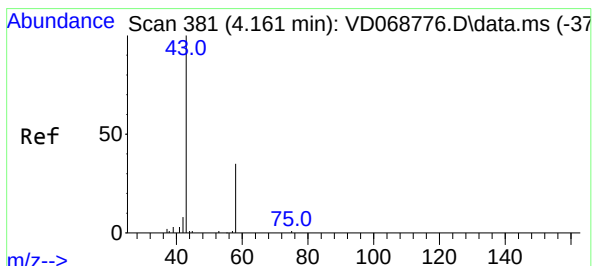
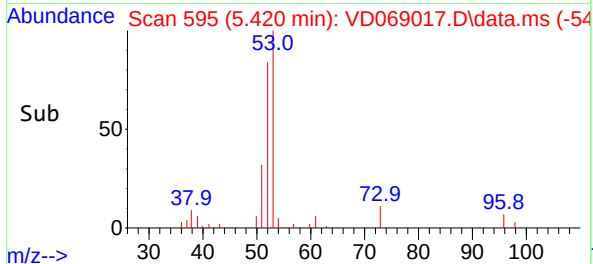
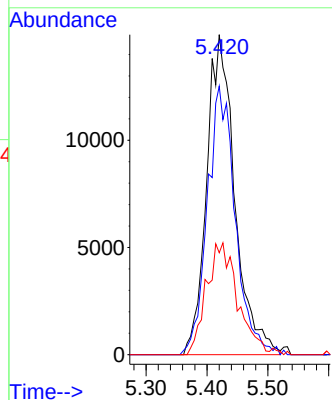
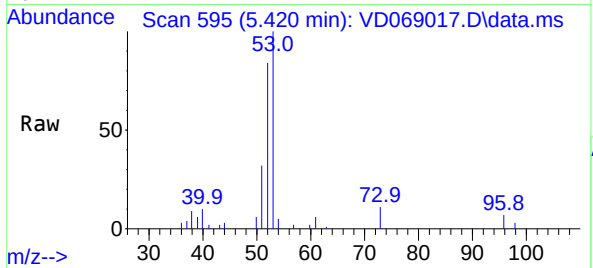
#15
Acrylonitrile
Concen: 94.66 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	53	Resp:	47915
Ion	Ratio	Lower	Upper
53	100		
52	83.5	63.3	94.9
51	38.8	28.3	42.5

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

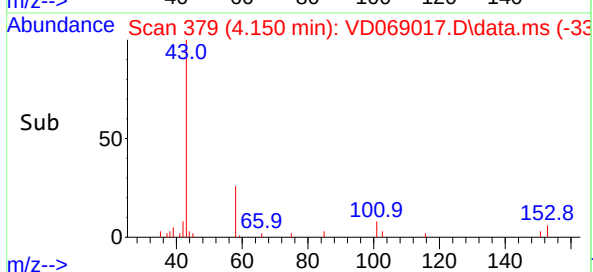
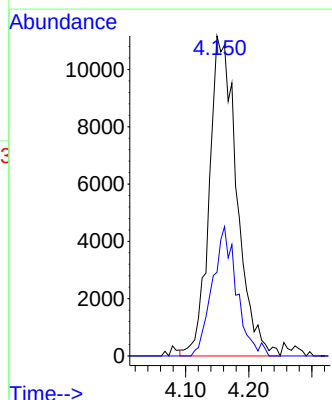
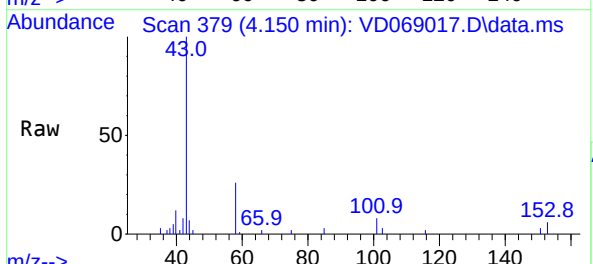
Manual Integrations
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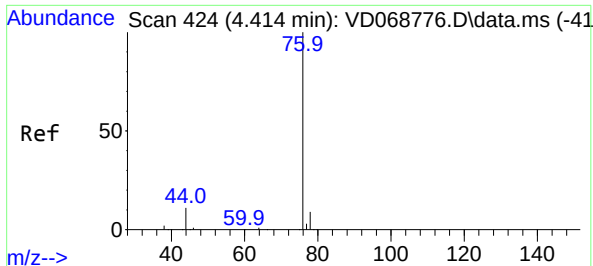
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#16
Acetone
Concen: 95.38 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	43	Resp:	33857
Ion	Ratio	Lower	Upper
43	100		
58	26.1	28.0	42.0#





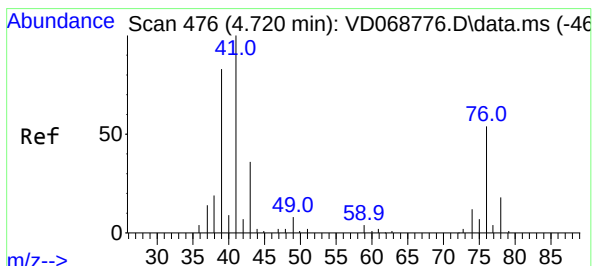
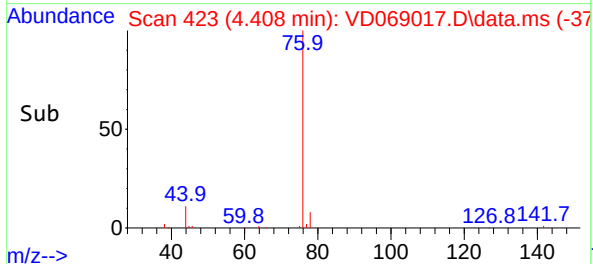
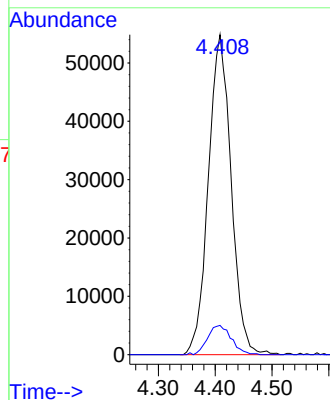
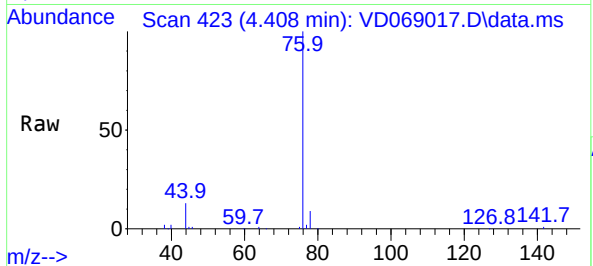
#17
Carbon Disulfide
Concen: 19.44 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 76 Resp: 152718
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

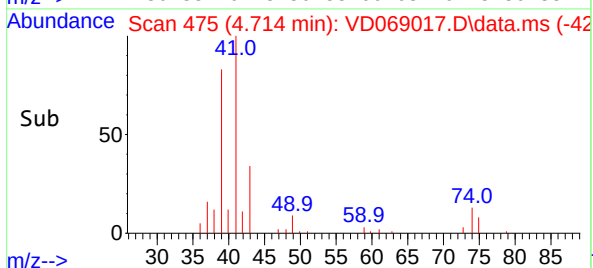
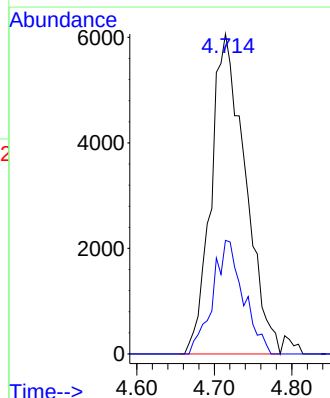
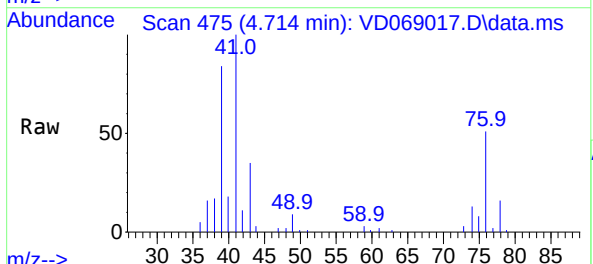
Manual Integrations
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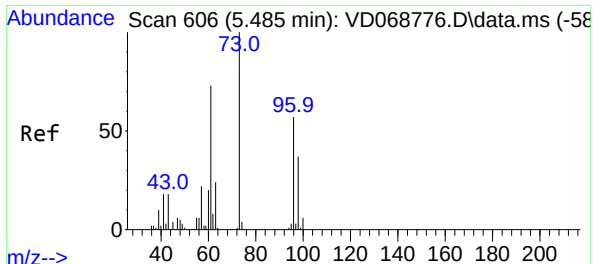
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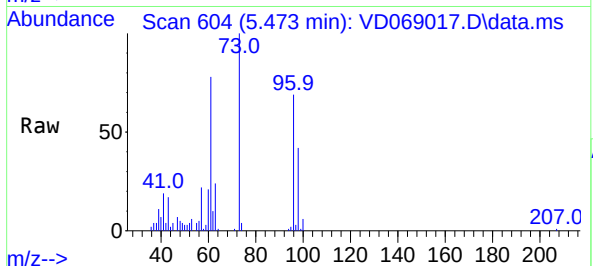
#18
Methyl Acetate
Concen: 19.09 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 43 Resp: 18617
Ion Ratio Lower Upper
43 100
74 31.6 25.4 38.2

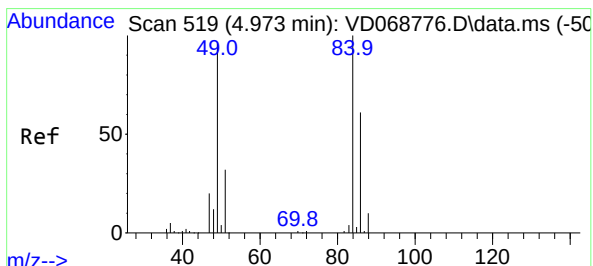
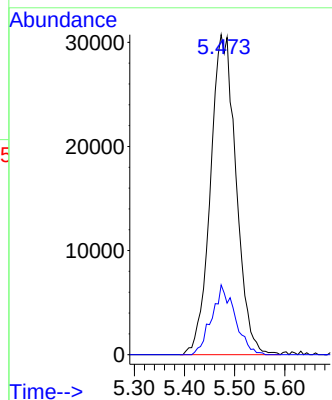
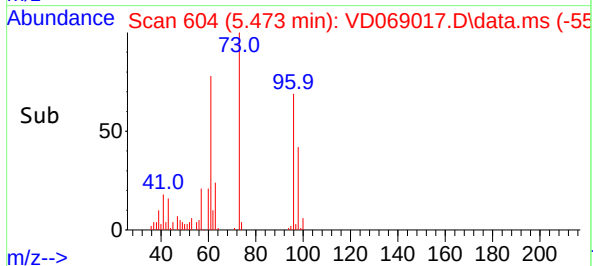




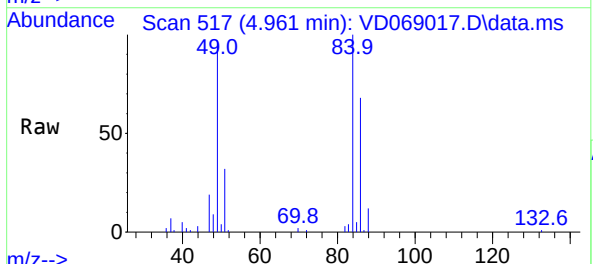
#19
Methyl tert-butyl Ether
Concen: 20.22 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



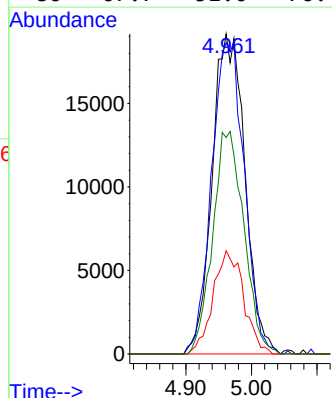
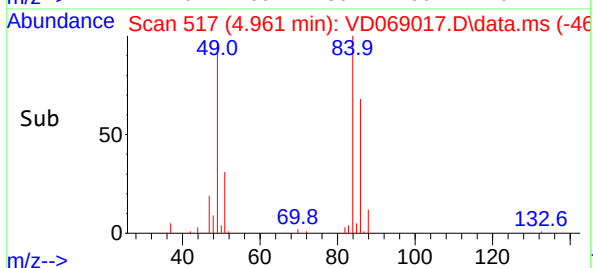
Tgt Ion: 73 Resp: 108934
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 20.17 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



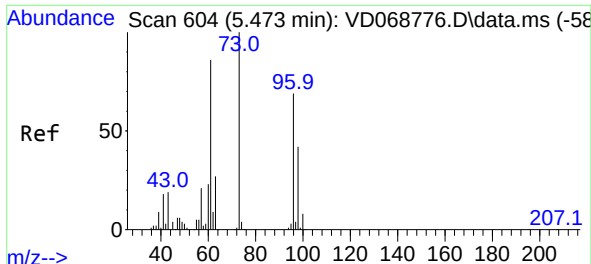
Tgt Ion: 84 Resp: 66254
Ion Ratio Lower Upper
84 100
49 97.2 83.4 125.0
51 32.3 23.4 35.2
86 67.7 51.0 76.4



Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

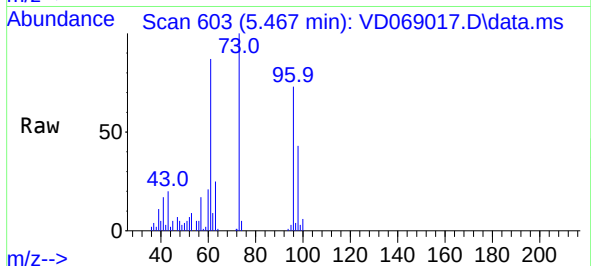
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#21
trans-1,2-Dichloroethene
Concen: 20.11 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

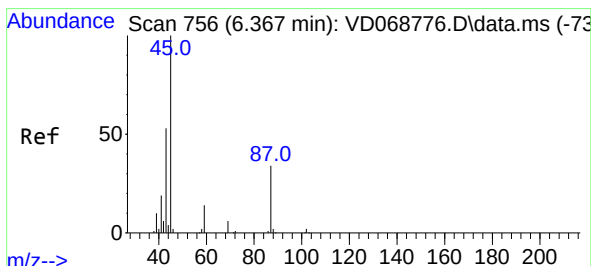
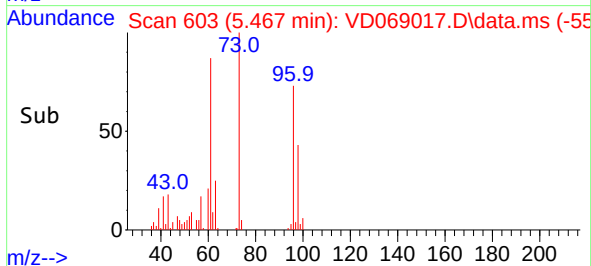
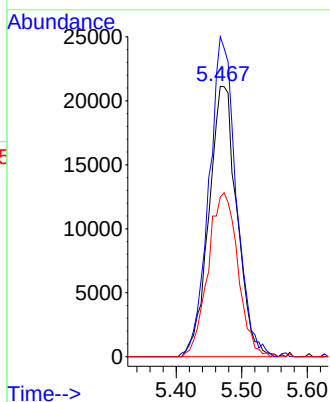
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



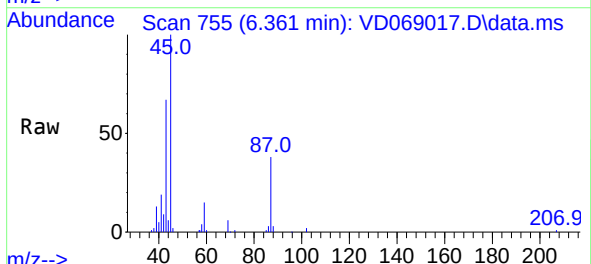
Tgt Ion: 96 Resp: 62688
Ion Ratio Lower Upper
96 100
61 118.3 91.8 137.6
98 59.0 49.3 73.9

Manual Integrations
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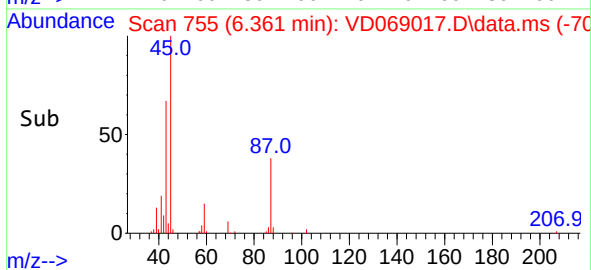
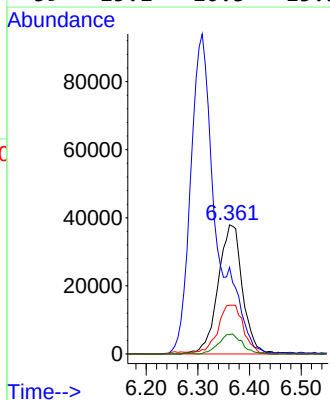
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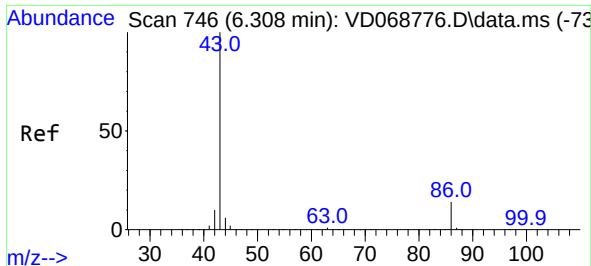


#22
Diisopropyl ether
Concen: 18.69 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



Tgt Ion: 45 Resp: 123926
Ion Ratio Lower Upper
45 100
43 65.6 41.8 62.8#
87 37.8 29.2 43.8
59 15.1 10.3 15.5





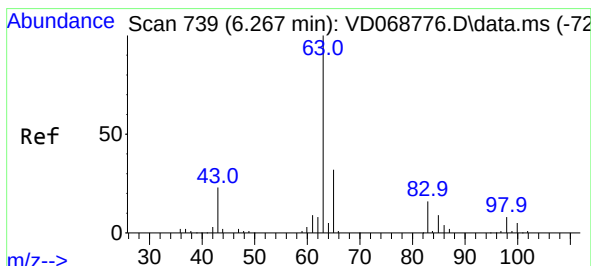
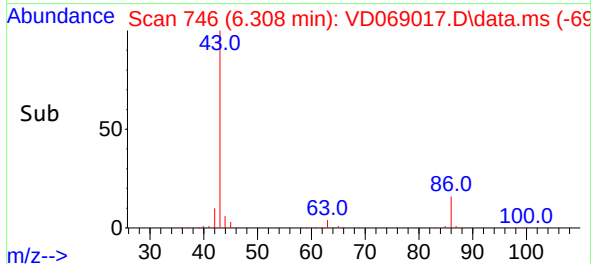
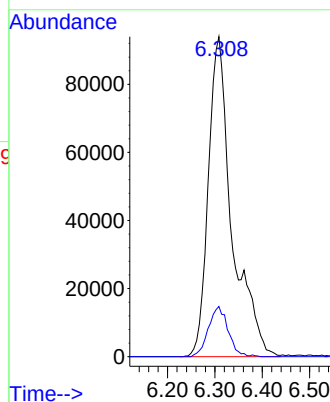
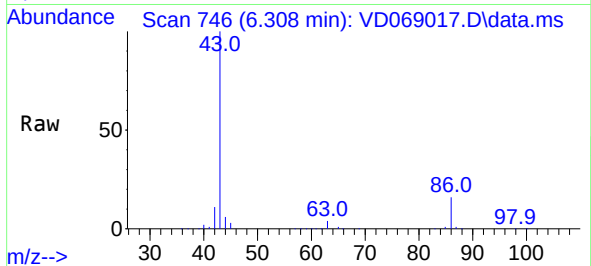
#23
 Vinyl Acetate
 Concen: 92.66 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069017.D
 Acq: 29 Apr 2021 14:41

Tgt Ion: 43 Resp: 325525
 Ion Ratio Lower Upper
 43 100
 86 15.7 11.0 16.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBS01

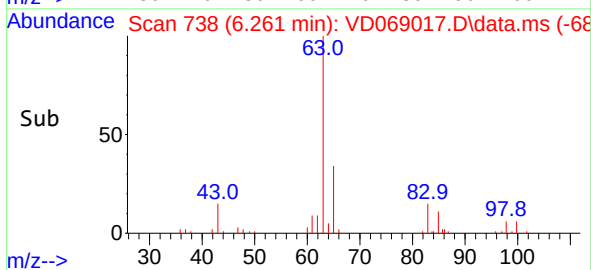
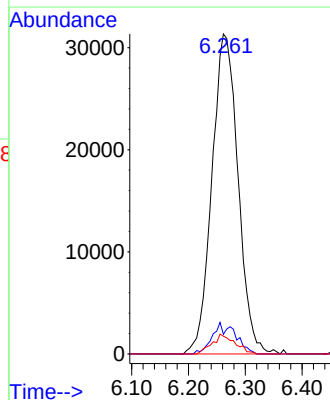
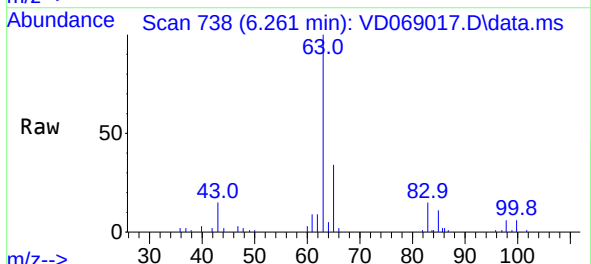
Manual Integrations
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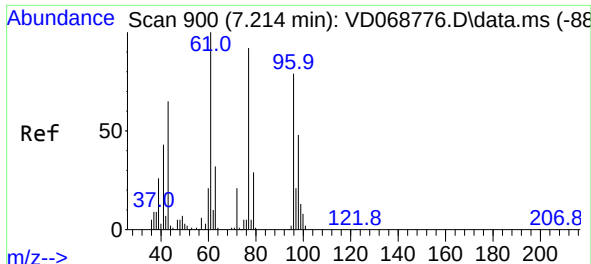
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.03 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069017.D
 Acq: 29 Apr 2021 14:41

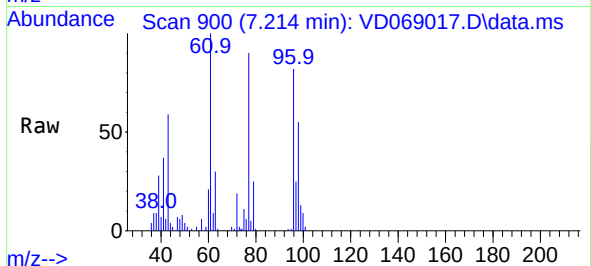
Tgt Ion: 63 Resp: 100103
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.2
 100 5.6 2.3 6.9





#25
2-Butanone
Concen: 99.62 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

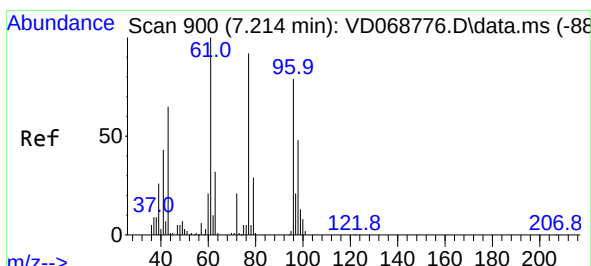
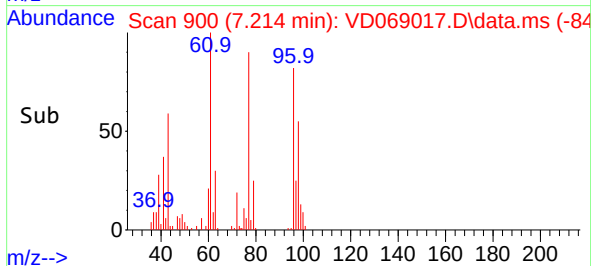
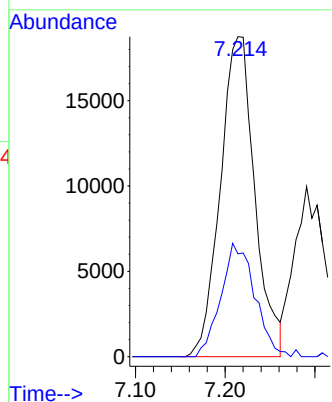
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



Tgt Ion: 43 Resp: 50040
Ion Ratio Lower Upper
43 100
72 32.2 28.6 43.0

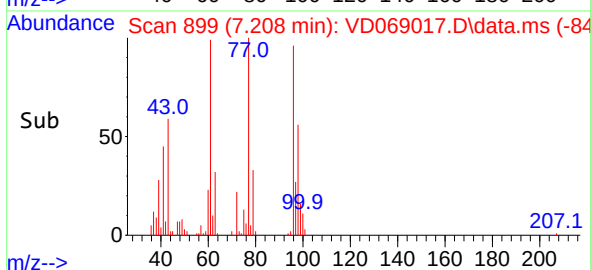
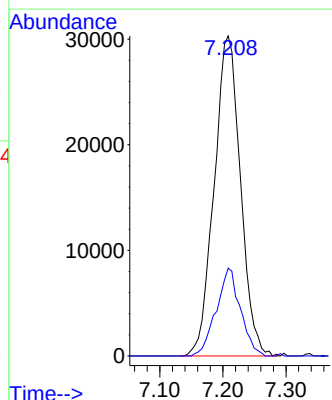
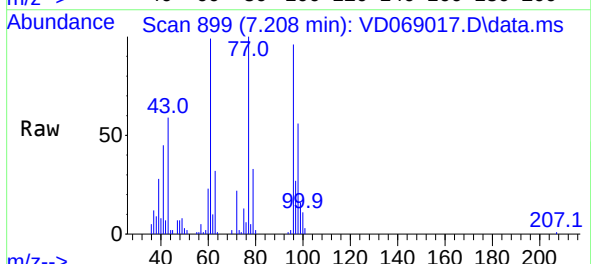
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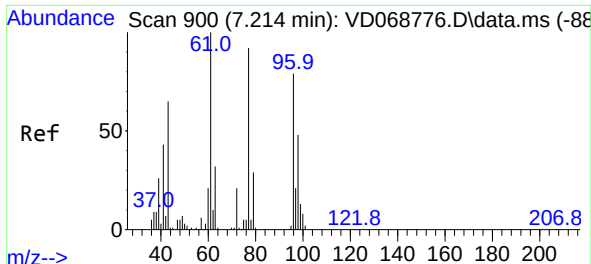
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#26
2,2-Dichloropropane
Concen: 21.47 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

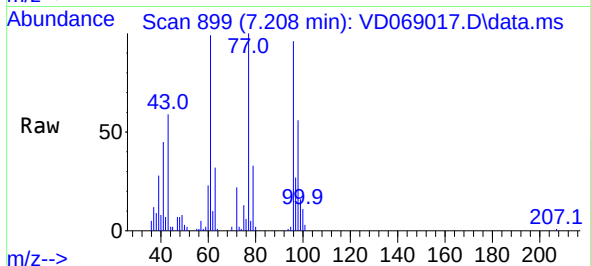
Tgt Ion: 77 Resp: 87639
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 23.36 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

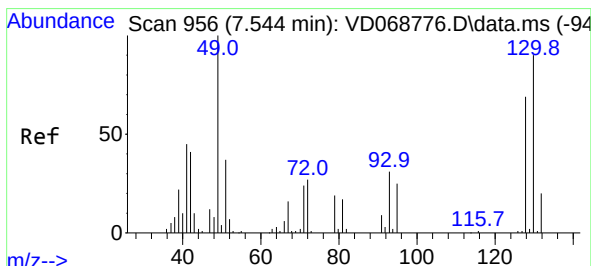
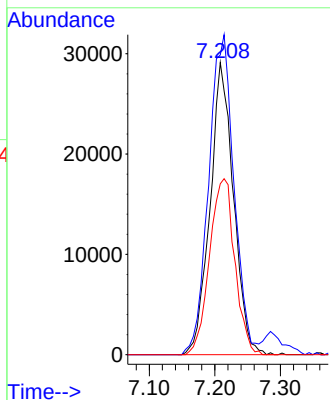
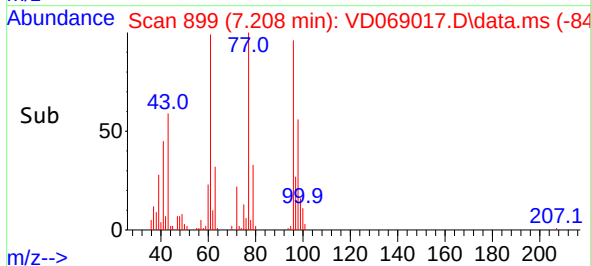
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



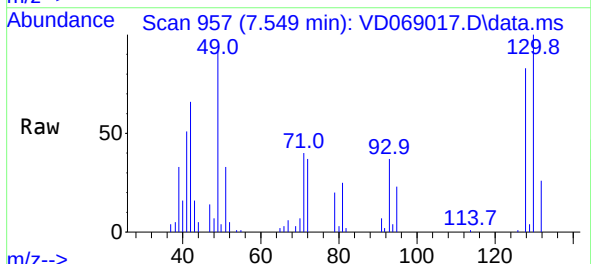
Tgt Ion: 96 Resp: 72377
Ion Ratio Lower Upper
96 100
61 118.3 0.0 258.8
98 64.8 0.0 128.4

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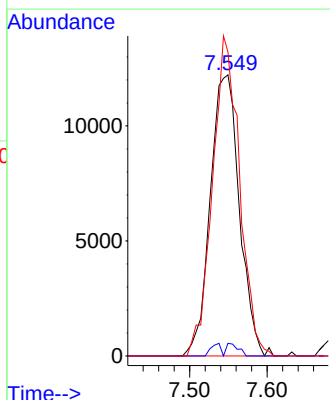
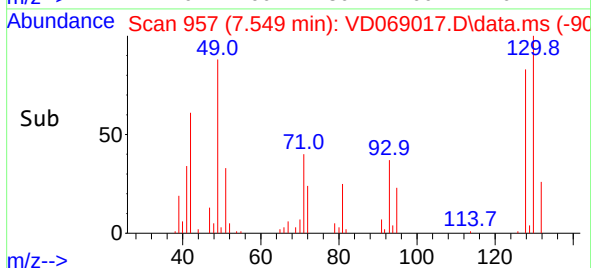
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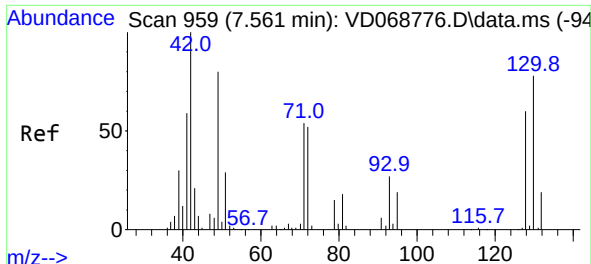


#28
Bromochloromethane
Concen: 17.74 ug/l
RT: 7.549 min Scan# 957
Delta R.T. 0.005 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



Tgt Ion: 49 Resp: 32002
Ion Ratio Lower Upper
49 100
129 1.8 0.0 5.2
130 105.8 74.6 112.0





#29

Tetrahydrofuran

Concen: 94.55 ug/l

RT: 7.555 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD069017.D

Acq: 29 Apr 2021 14:41

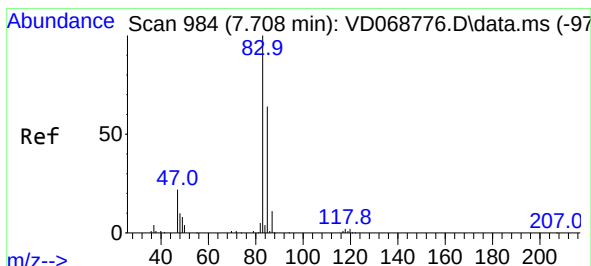
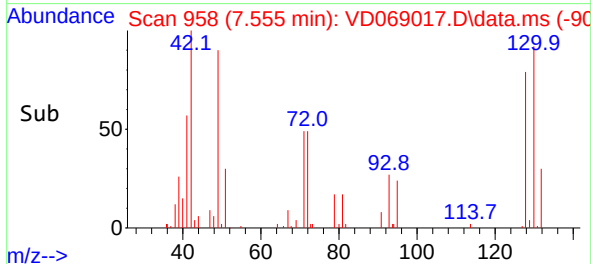
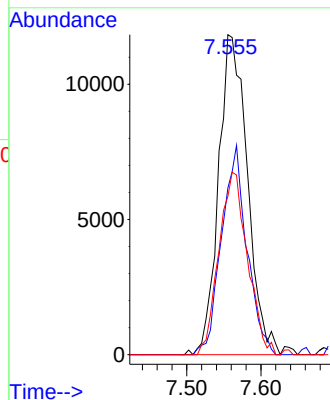
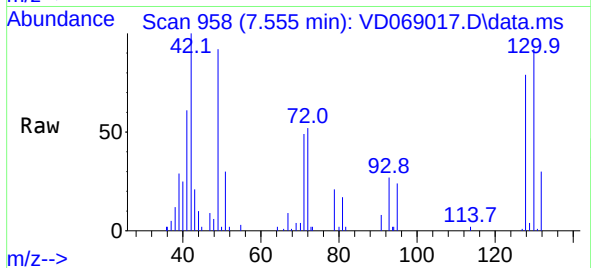
Tgt Ion: 42 Resp: 31939

Ion Ratio Lower Upper

42 100

72 57.7 45.2 67.8

71 56.5 40.8 61.2



#30

Chloroform

Concen: 21.92 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD069017.D

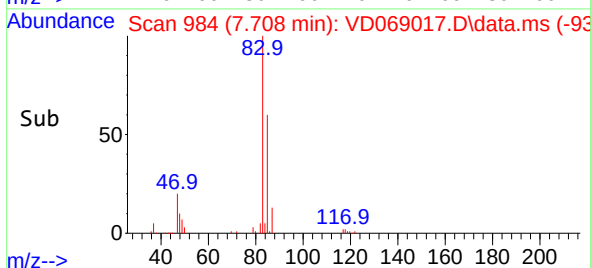
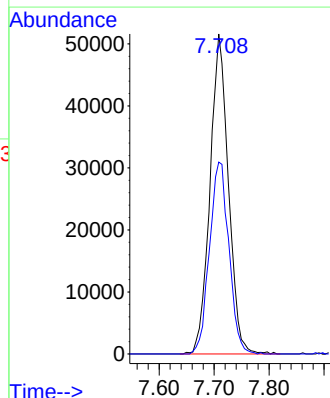
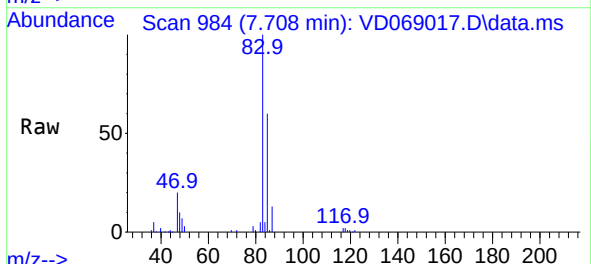
Acq: 29 Apr 2021 14:41

Tgt Ion: 83 Resp: 119923

Ion Ratio Lower Upper

83 100

85 60.0 53.3 79.9



Instrument :

MSVOA_D

ClientSampleId :

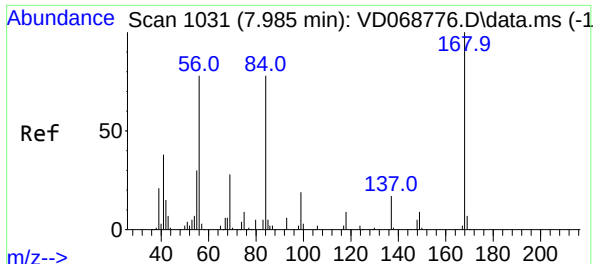
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#31

Cyclohexane

Concen: 17.18 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069017.D

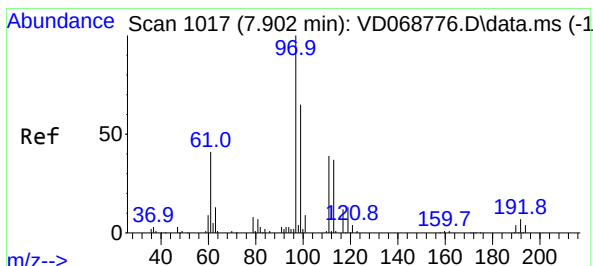
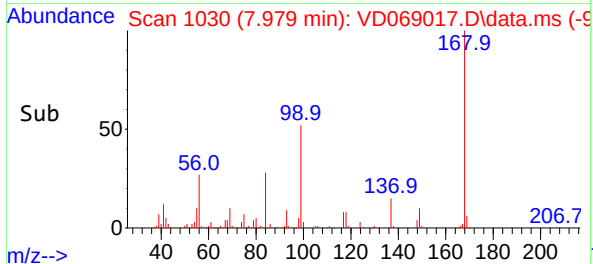
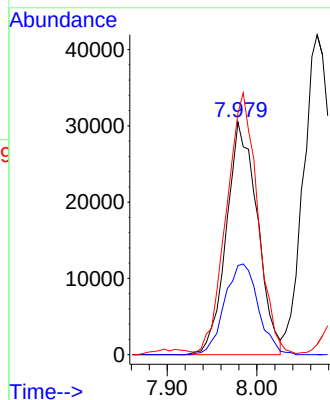
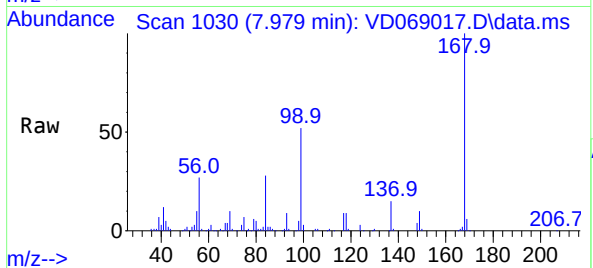
Acq: 29 Apr 2021 14:41

Tgt Ion:	56	Resp:	73257
Ion	Ratio	Lower	Upper
56	100		
69	38.3	30.0	45.0
84	101.9	82.0	123.0

Instrument :
MSVOA_D
ClientSampleId :
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#32

1,1,1-Trichloroethane

Concen: 20.11 ug/l

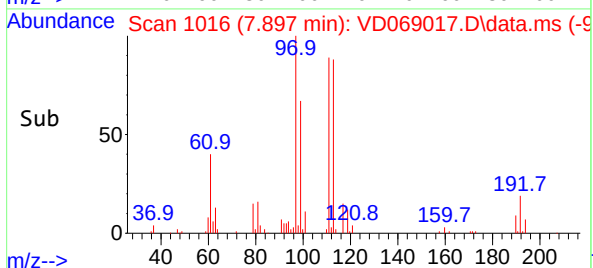
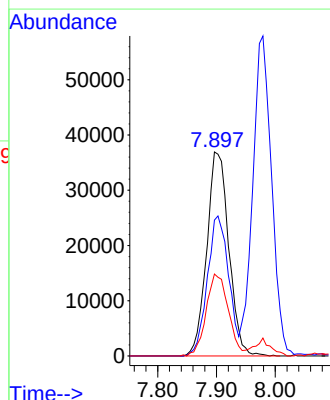
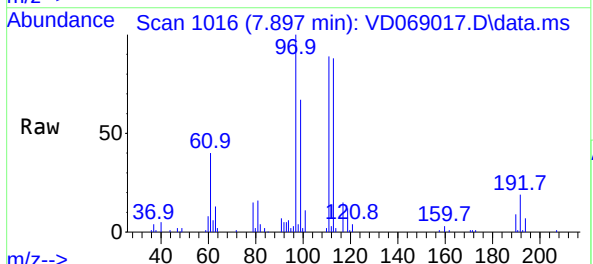
RT: 7.897 min Scan# 1016

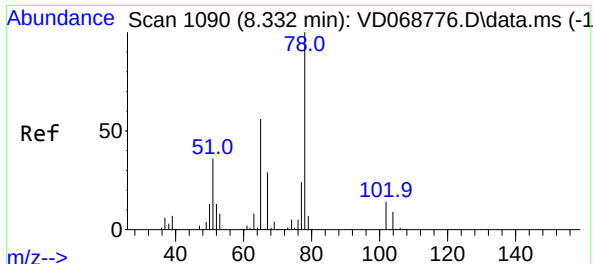
Delta R.T. -0.005 min

Lab File: VD069017.D

Acq: 29 Apr 2021 14:41

Tgt Ion:	97	Resp:	96133
Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.8	76.2
61	40.5	33.7	50.5





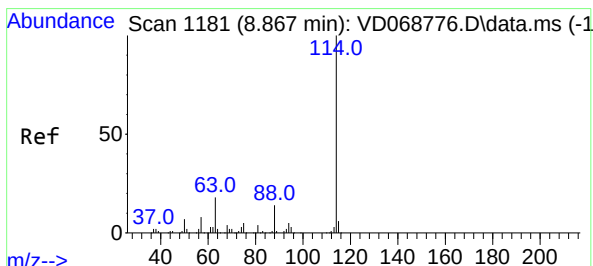
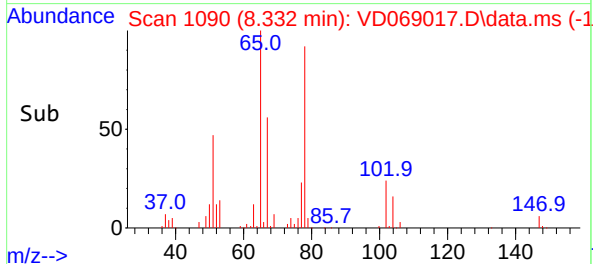
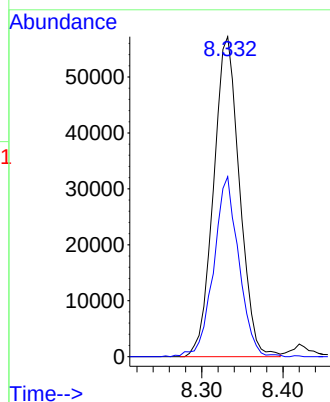
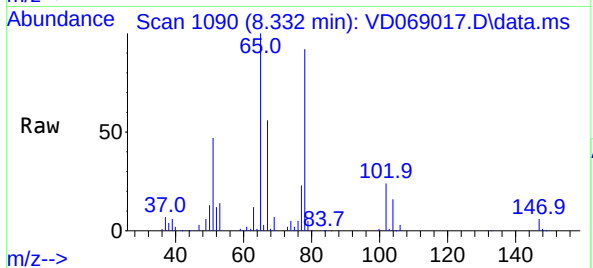
#33
1,2-Dichloroethane-d4
Concen: 49.60 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 65 Resp: 127133
Ion Ratio Lower Upper
65 100
67 54.5 0.0 106.0

Instrument :
MSVOA_D
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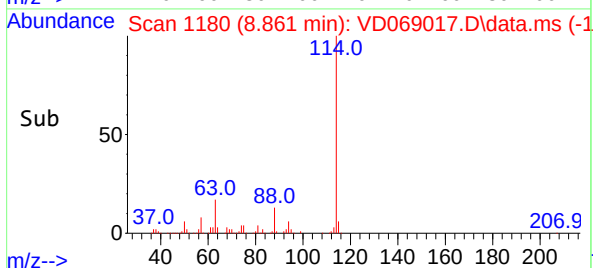
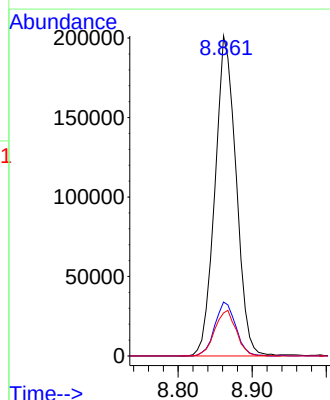
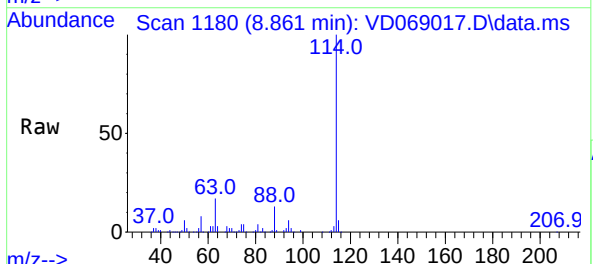
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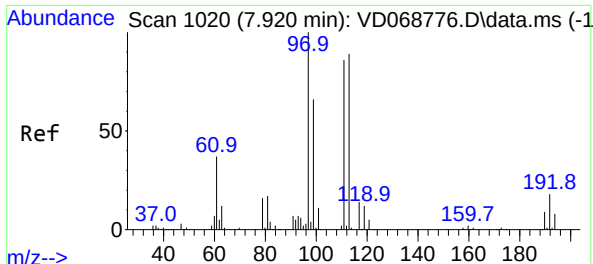
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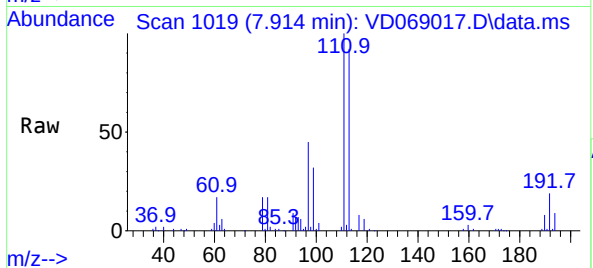
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 114 Resp: 398983
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 13.5 0.0 29.4

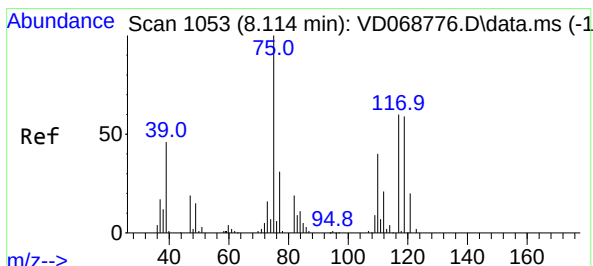
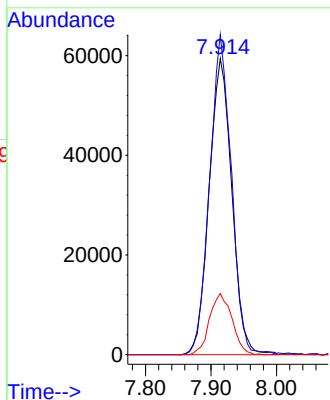
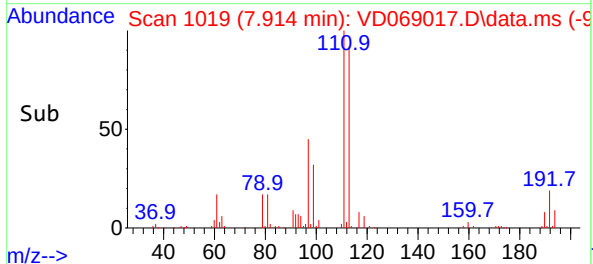




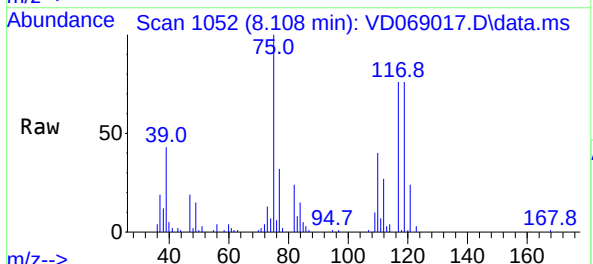
#35
Dibromofluoromethane
Concen: 54.97 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



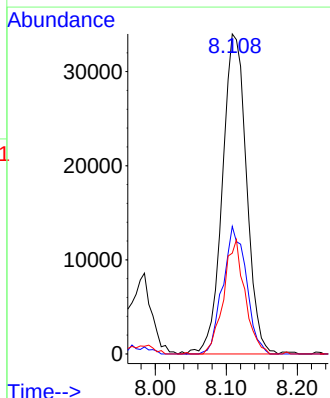
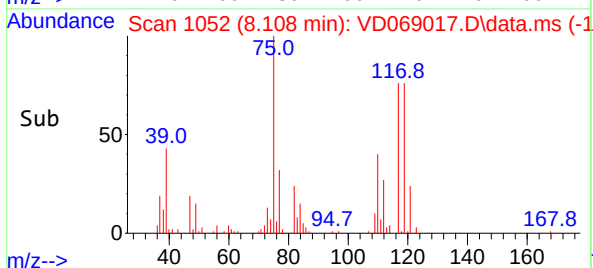
Tgt Ion: 113 Resp: 142644
Ion Ratio Lower Upper
113 100
111 103.7 82.5 123.7
192 20.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 19.83 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



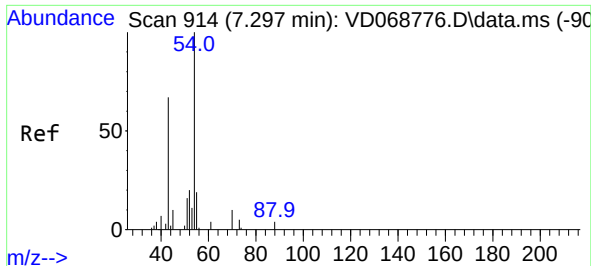
Tgt Ion: 75 Resp: 80104
Ion Ratio Lower Upper
75 100
110 38.8 18.1 54.4
77 31.6 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
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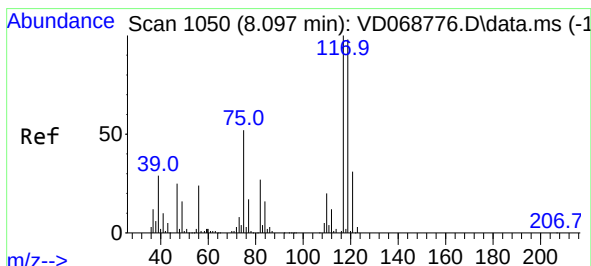
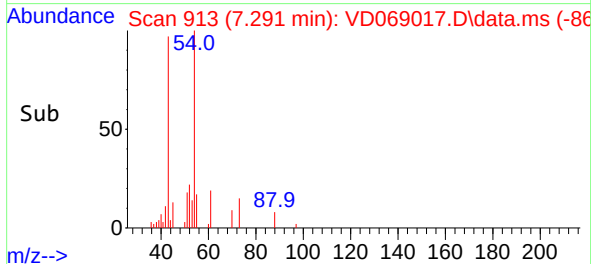
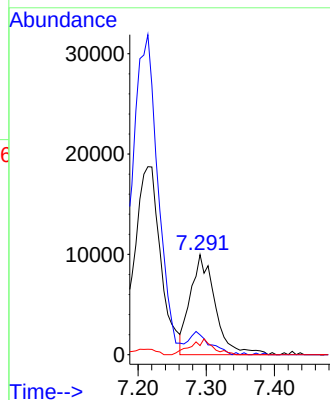
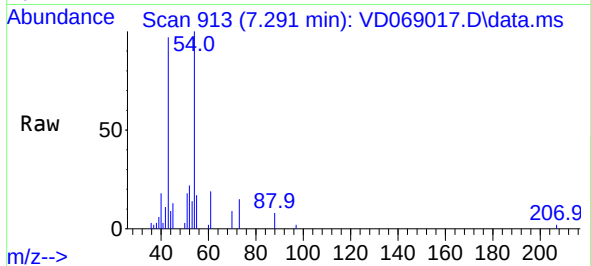
#37
Ethyl Acetate
Concen: 21.26 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 43 Resp: 25217
Ion Ratio Lower Upper
43 100
61 18.6 14.2 21.4
70 14.0 9.4 14.0

Instrument :
MSVOA_D
ClientSampleId :
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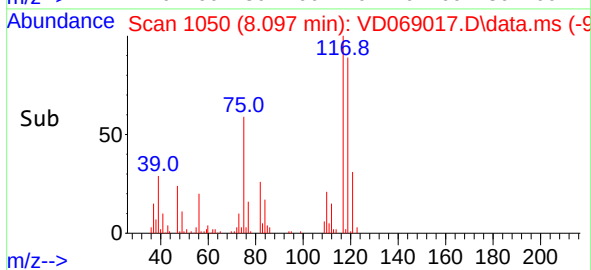
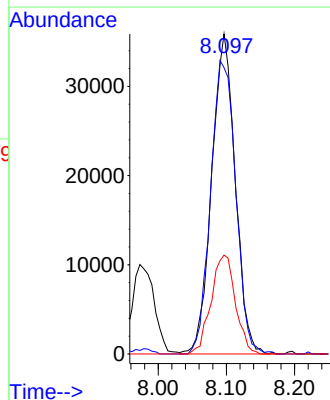
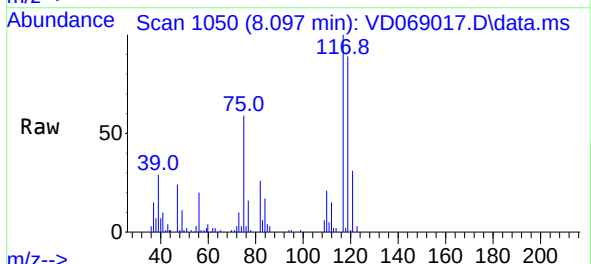
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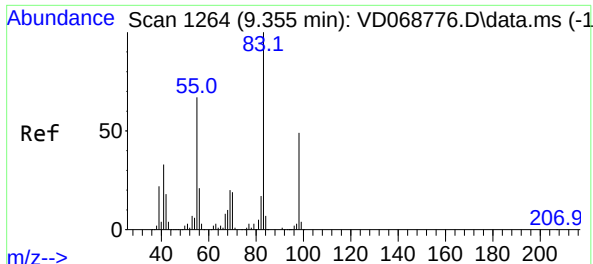
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#38
Carbon Tetrachloride
Concen: 21.53 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 117 Resp: 86079
Ion Ratio Lower Upper
117 100
119 89.5 76.6 115.0
121 30.9 26.1 39.1





#39

Methylcyclohexane

Concen: 18.14 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069017.D

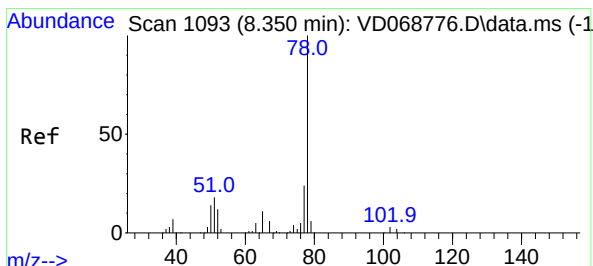
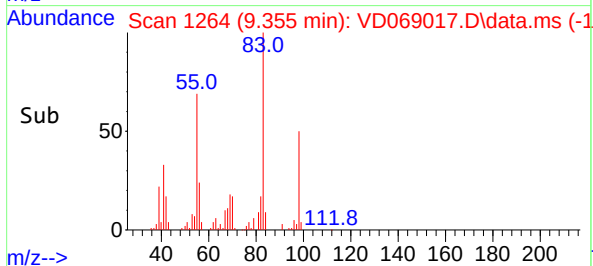
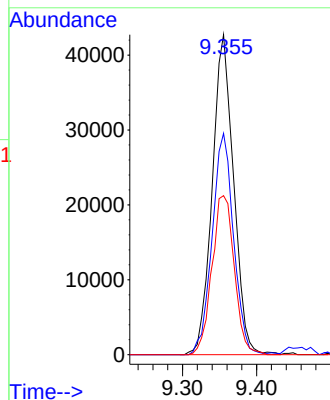
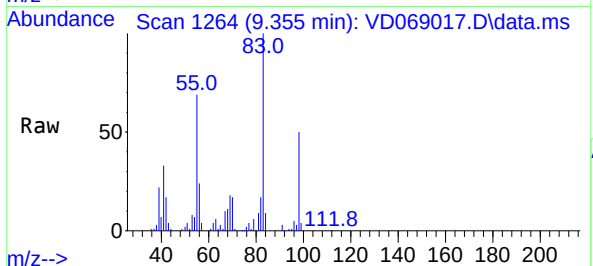
Acq: 29 Apr 2021 14:41

Tgt Ion:	83	Resp:	85450
Ion	Ratio	Lower	Upper
83	100		
55	69.2	51.7	77.5
98	49.7	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

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#40

Benzene

Concen: 20.96 ug/l

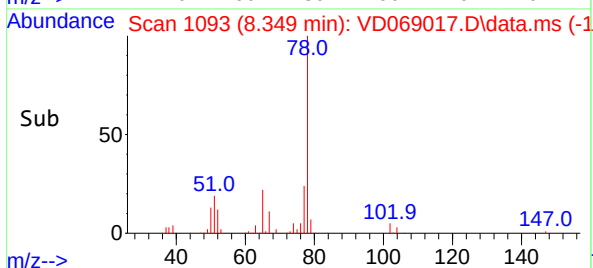
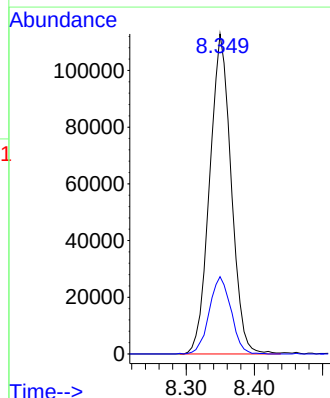
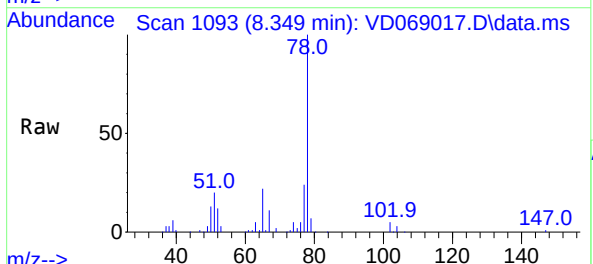
RT: 8.349 min Scan# 1093

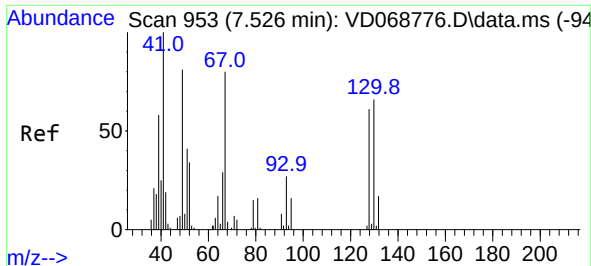
Delta R.T. -0.001 min

Lab File: VD069017.D

Acq: 29 Apr 2021 14:41

Tgt Ion:	78	Resp:	247717
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2





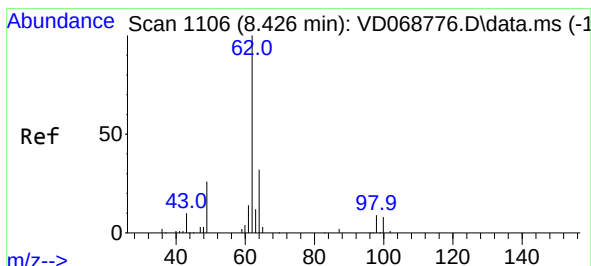
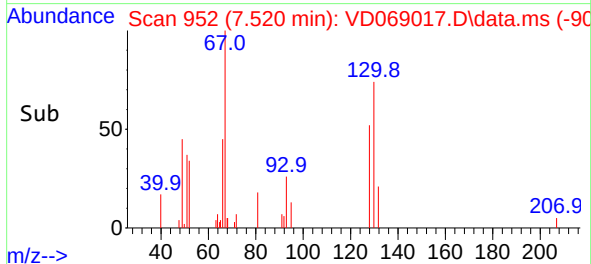
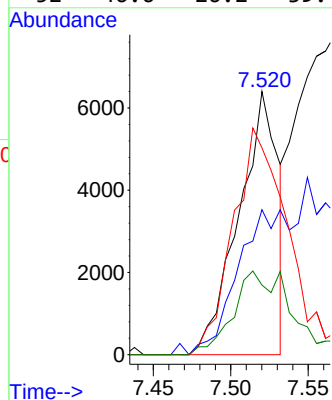
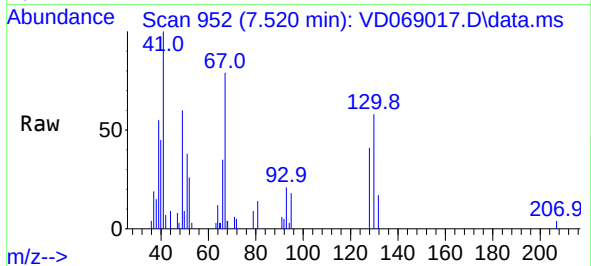
#41
Methacrylonitrile
Concen: 16.10 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	41	Resp:	11306
Ion Ratio	Lower	Upper	
41	100		
39	71.7	43.2	64.8#
67	119.7	63.9	95.9#
52	46.6	26.2	39.4#

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

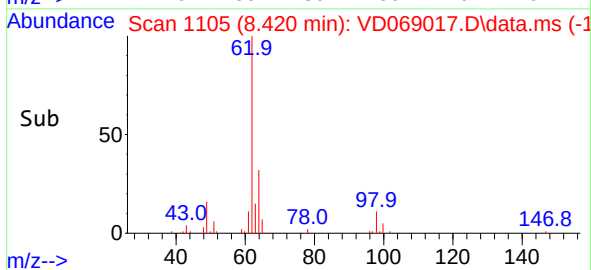
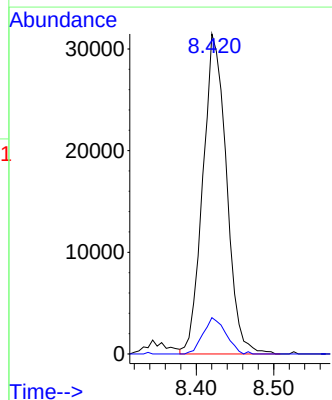
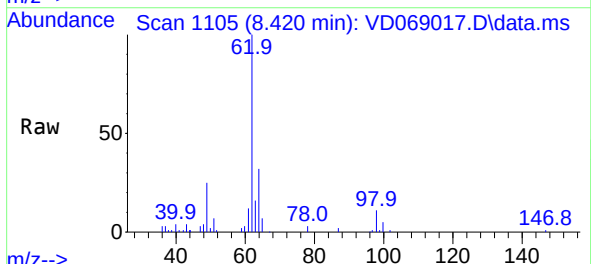
Manual Integrations
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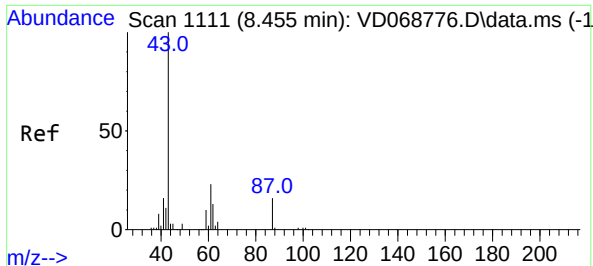
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#42
1,2-Dichloroethane
Concen: 21.34 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	62	Resp:	66675
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	22.6





#43

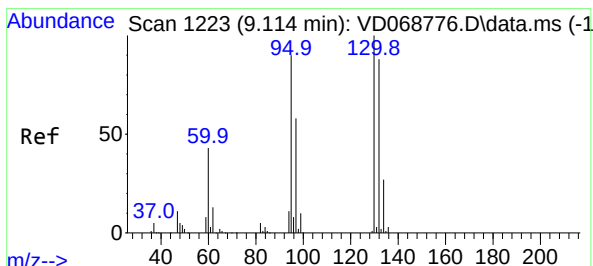
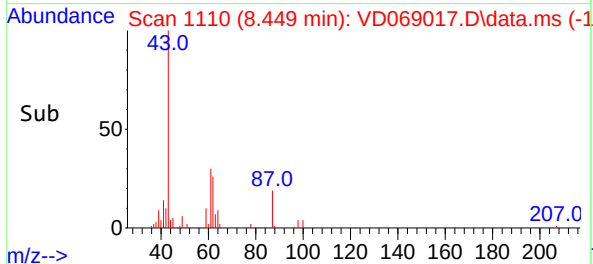
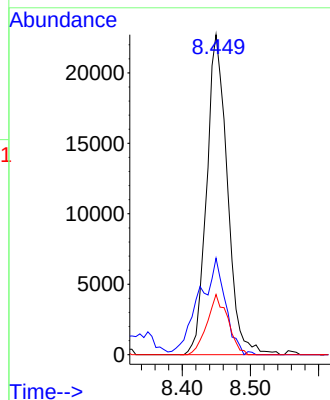
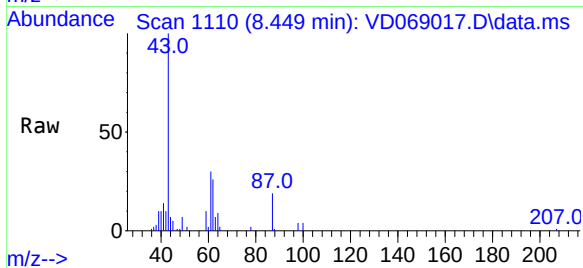
Isopropyl Acetate
Concen: 19.83 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	43	Resp:	47961
Ion	Ratio	Lower	Upper
43	100		
61	38.9	29.5	44.3
87	18.9	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

Manual Integrations
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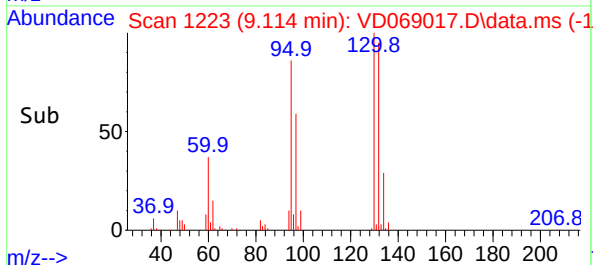
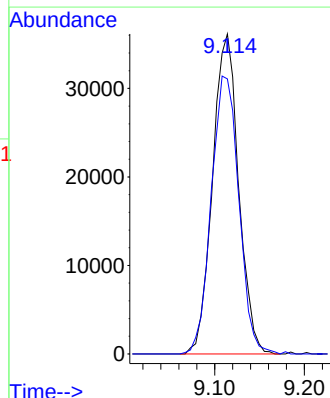
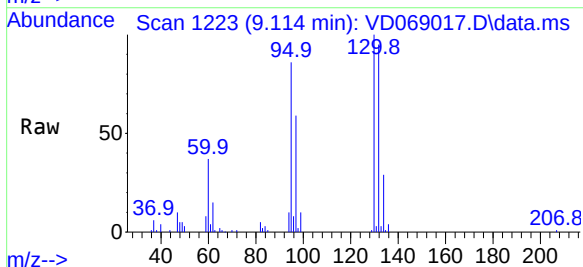
MMDadoda
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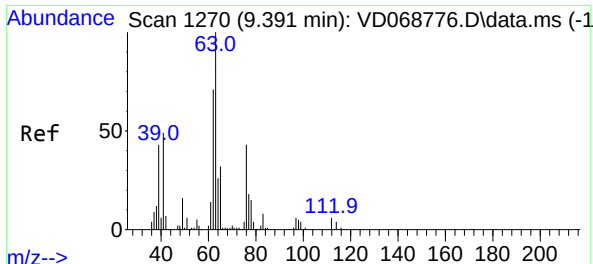


#44

Trichloroethene
Concen: 22.35 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	130	Resp:	72949
Ion	Ratio	Lower	Upper
130	100		
95	85.9	0.0	203.8





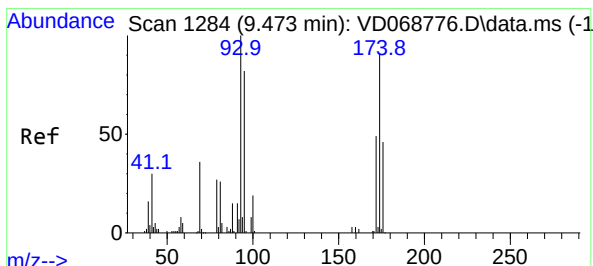
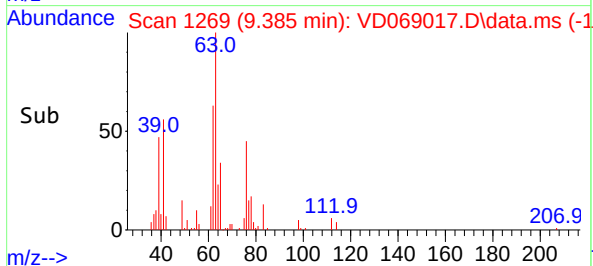
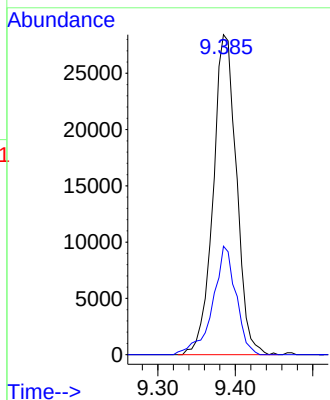
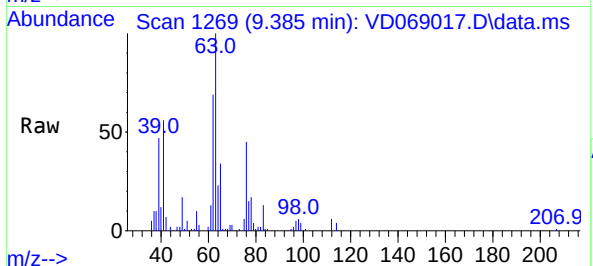
#45
1,2-Dichloropropane
Concen: 21.05 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 63 Resp: 59407
Ion Ratio Lower Upper
63 100
65 33.9 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

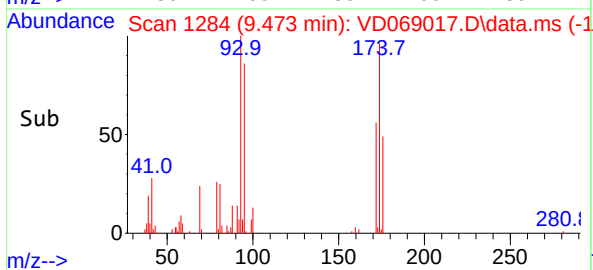
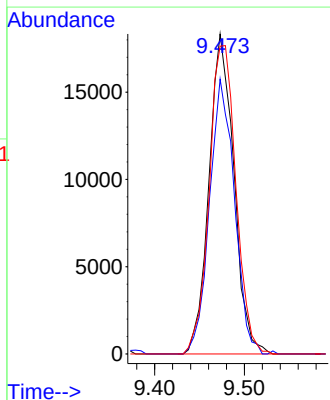
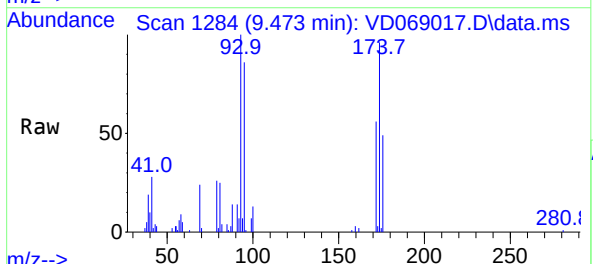
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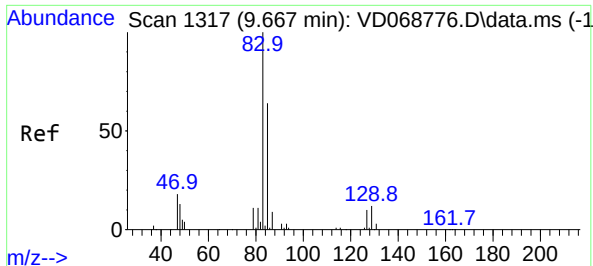
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#46
Dibromomethane
Concen: 22.44 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 93 Resp: 35283
Ion Ratio Lower Upper
93 100
95 86.0 64.5 96.7
174 103.8 75.3 112.9





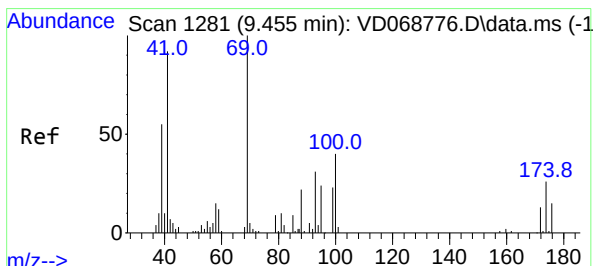
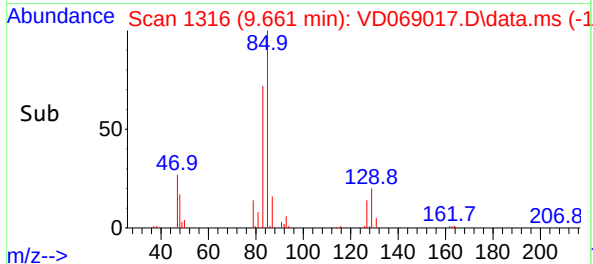
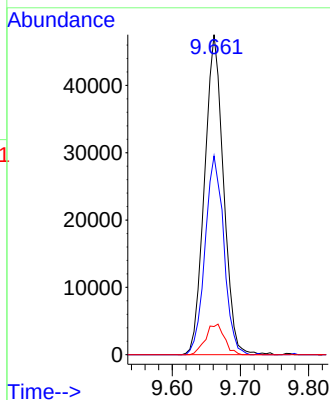
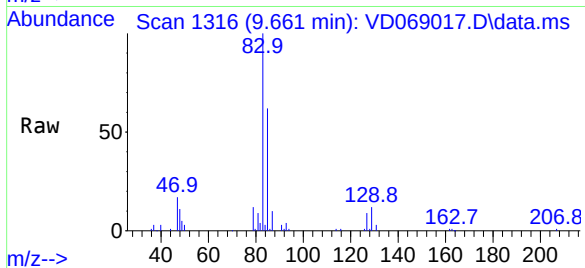
#47
Bromodichloromethane
Concen: 22.43 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	83	Resp:	92127
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.0	76.6
127	8.8	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

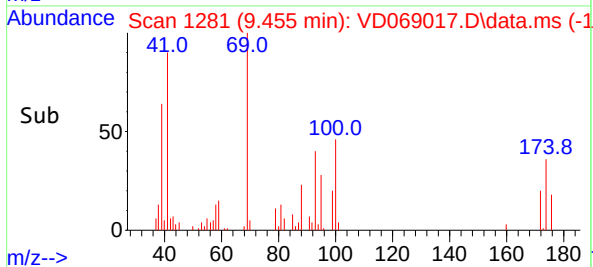
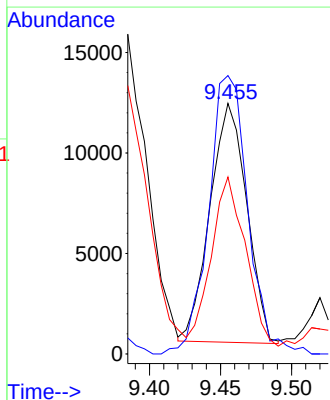
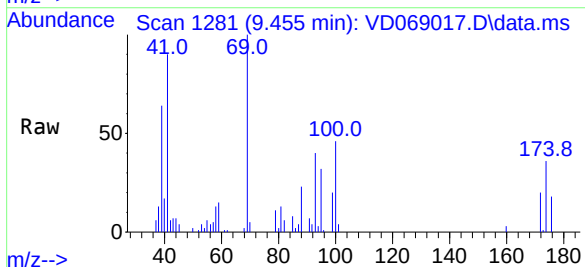
Manual Integrations
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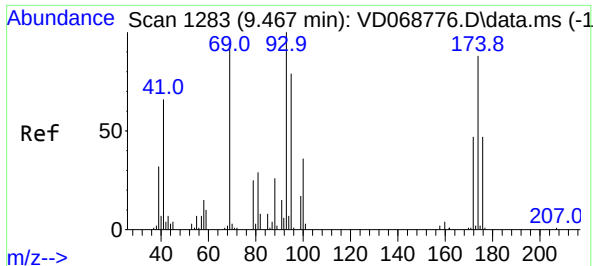
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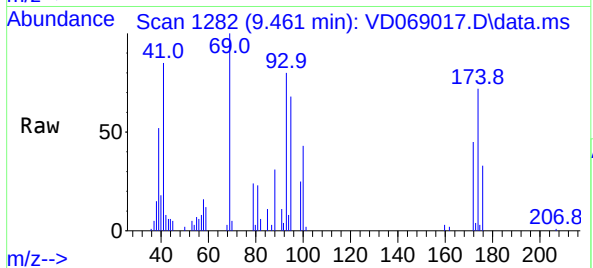
#48
Methyl methacrylate
Concen: 18.01 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	41	Resp:	21465
Ion	Ratio	Lower	Upper
41	100		
69	124.3	83.0	124.6
39	72.7	47.0	70.6#



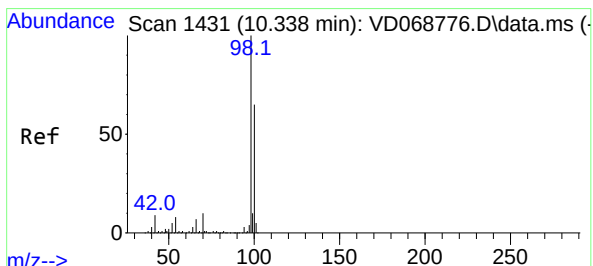
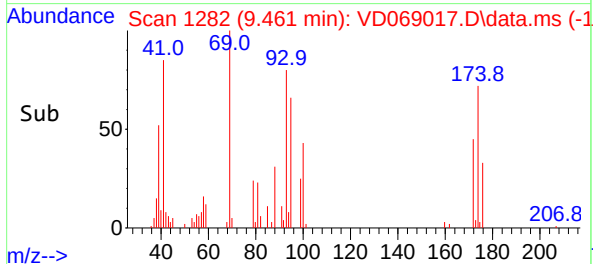
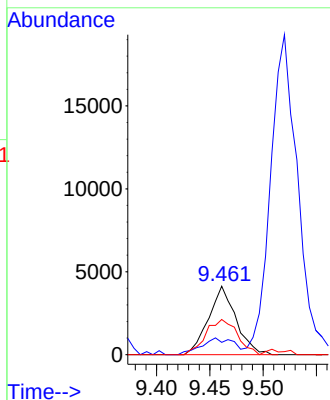


#49
1,4-Dioxane
Concen: 445.22 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

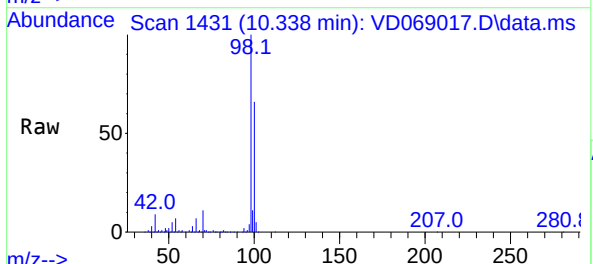


Tgt Ion: 88 Resp: 7412

Ion	Ratio	Lower	Upper
88	100		
43	28.4	25.8	38.8
58	59.0	54.0	81.0

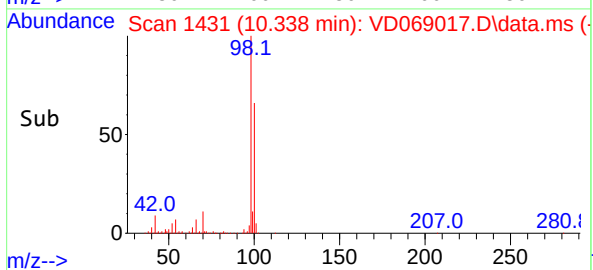
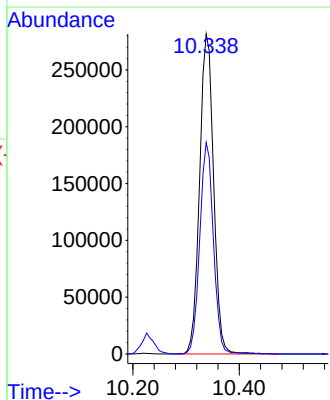


#50
Toluene-d8
Concen: 52.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



Tgt Ion: 98 Resp: 514169

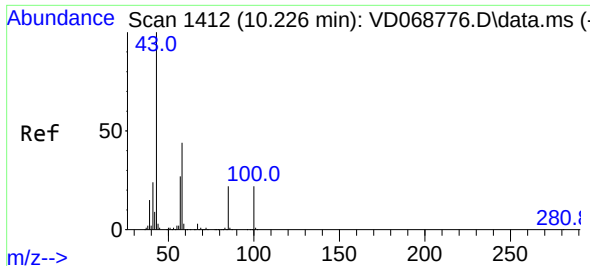
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6



Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

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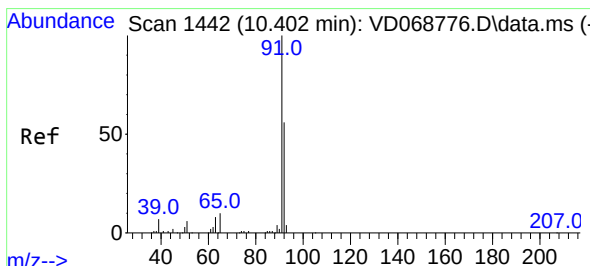
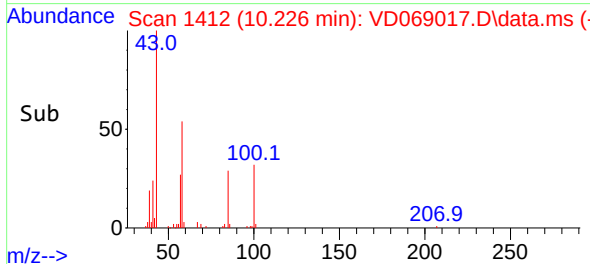
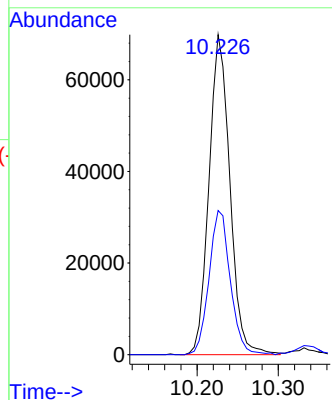
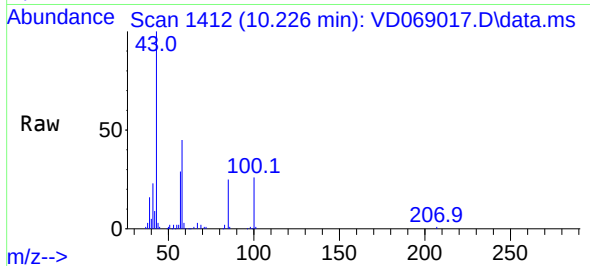
#51
4-Methyl-2-Pentanone
Concen: 102.37 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 43 Resp: 124773
Ion Ratio Lower Upper
43 100
58 45.9 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

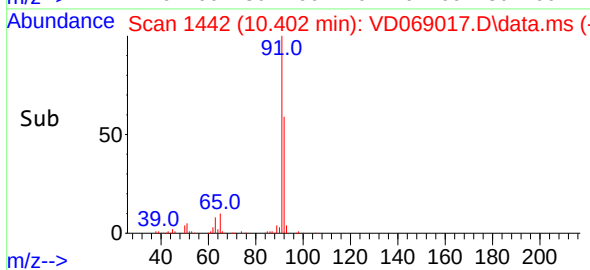
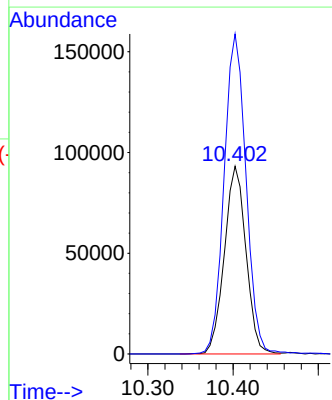
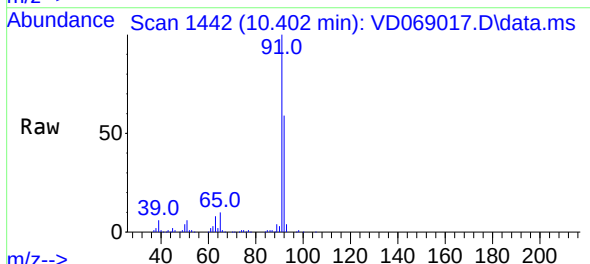
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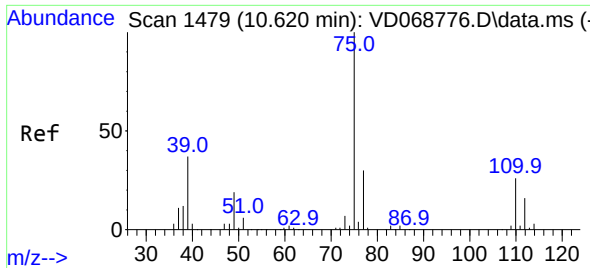
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#52
Toluene
Concen: 21.93 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 92 Resp: 164085
Ion Ratio Lower Upper
92 100
91 173.2 139.1 208.7





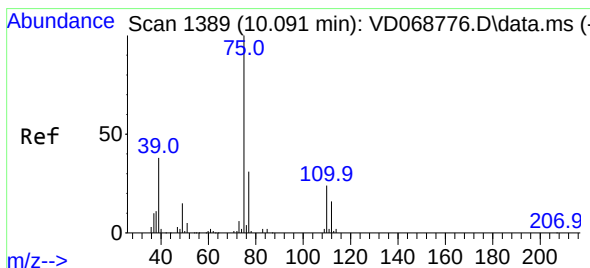
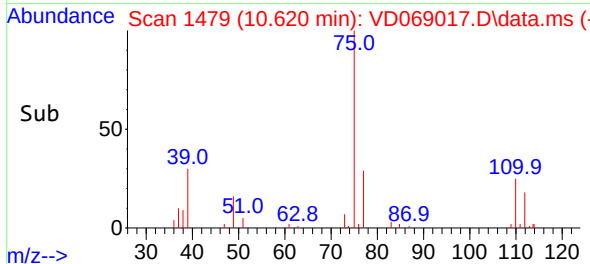
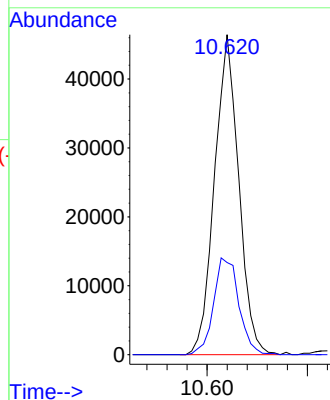
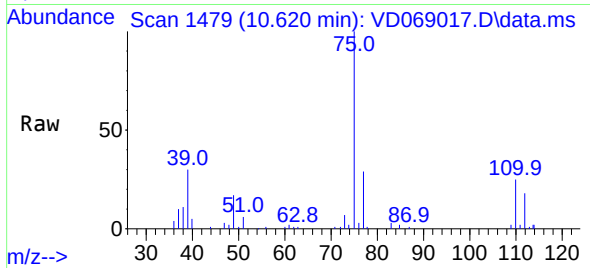
#53
t-1,3-Dichloropropene
Concen: 21.36 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 75 Resp: 77785
Ion Ratio Lower Upper
75 100
77 28.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

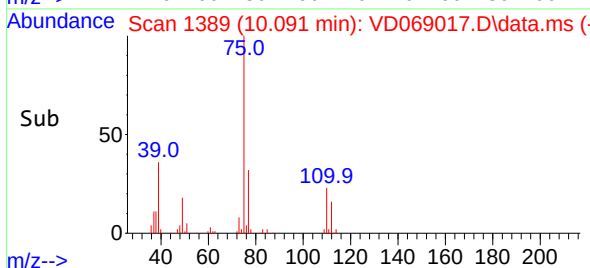
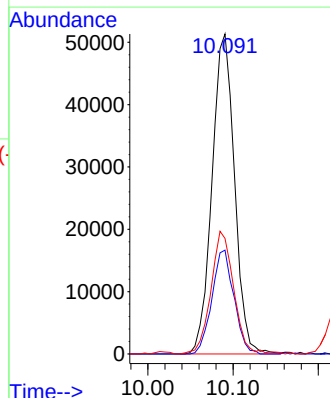
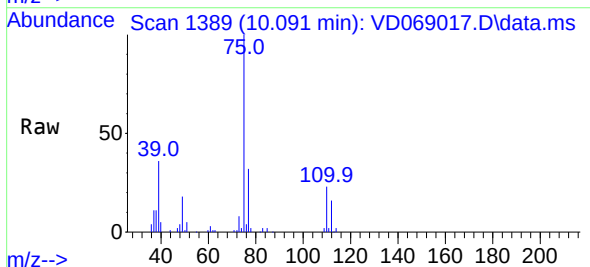
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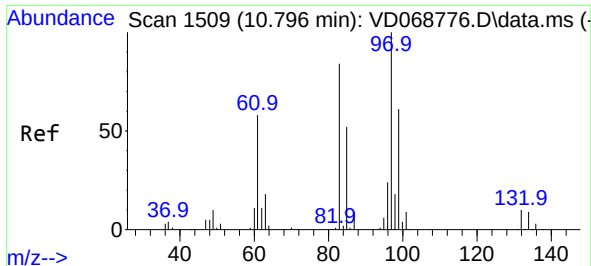
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#54
cis-1,3-Dichloropropene
Concen: 21.58 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 75 Resp: 94006
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 36.1 30.2 45.2





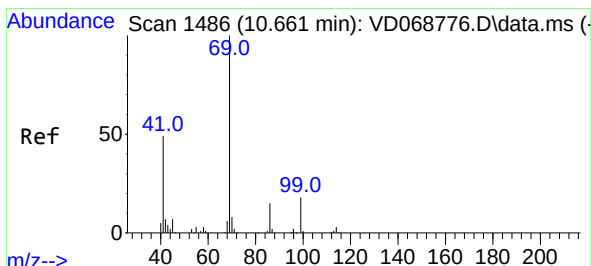
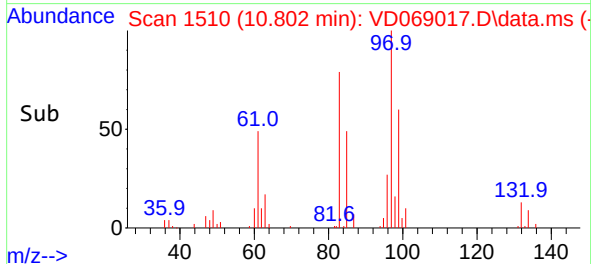
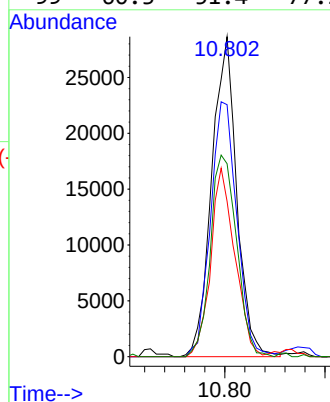
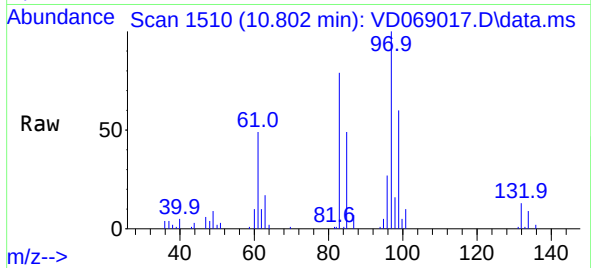
#55
1,1,2-Trichloroethane
Concen: 22.37 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	97	Resp:	49747
Ion	Ratio	Lower	Upper
97	100		
83	78.8	65.7	98.5
85	48.6	44.3	66.5
99	60.3	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

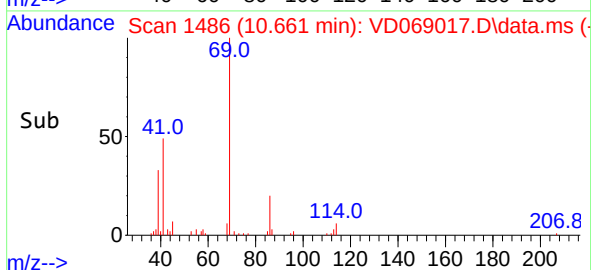
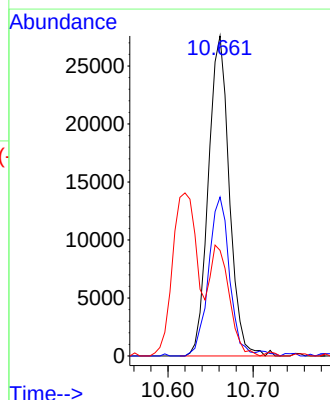
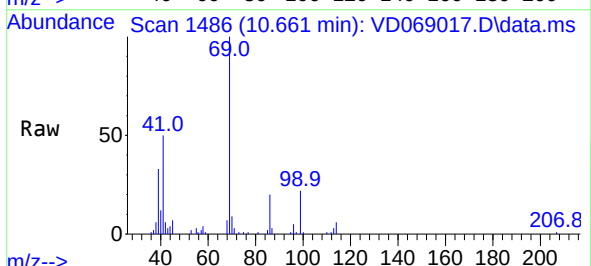
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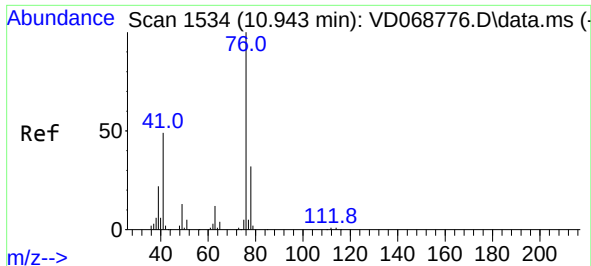
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#56
Ethyl methacrylate
Concen: 20.63 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	69	Resp:	47207
Ion	Ratio	Lower	Upper
69	100		
41	49.7	42.2	63.4
39	31.8	24.2	36.2





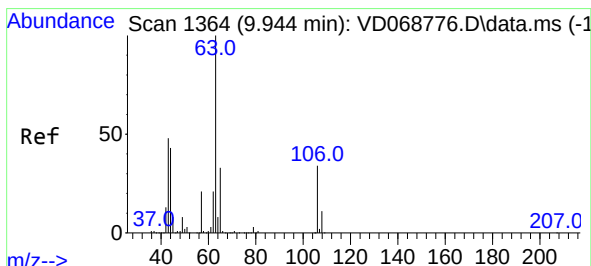
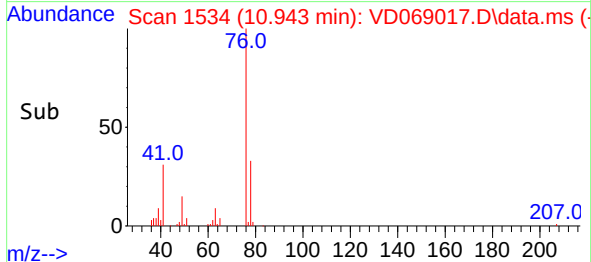
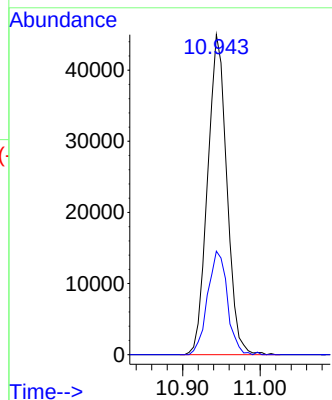
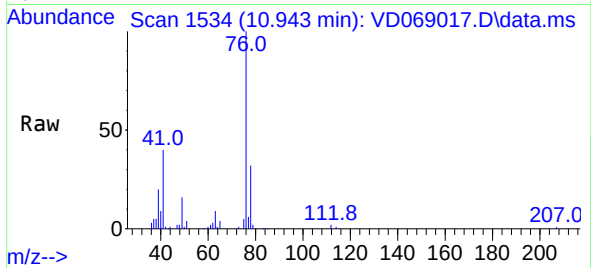
#57
1,3-Dichloropropane
Concen: 21.26 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 76 Resp: 77836
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

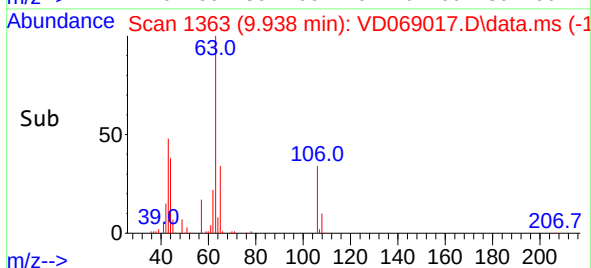
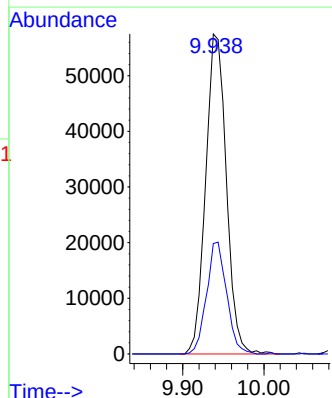
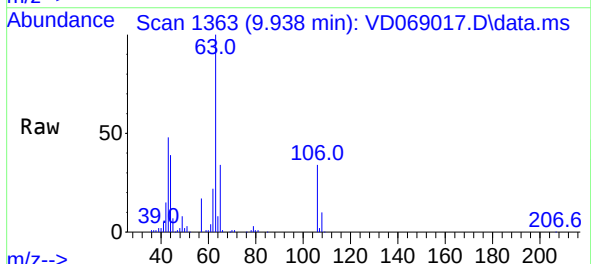
Manual Integrations
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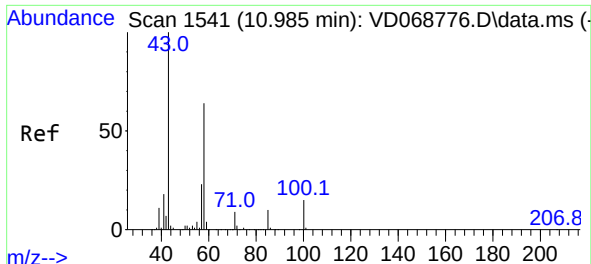
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#58
2-Chloroethyl Vinyl ether
Concen: 94.75 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

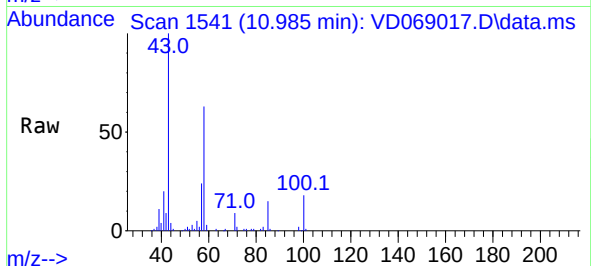
Tgt Ion: 63 Resp: 101658
Ion Ratio Lower Upper
63 100
106 33.9 24.6 36.8





#59
2-Hexanone
Concen: 98.73 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

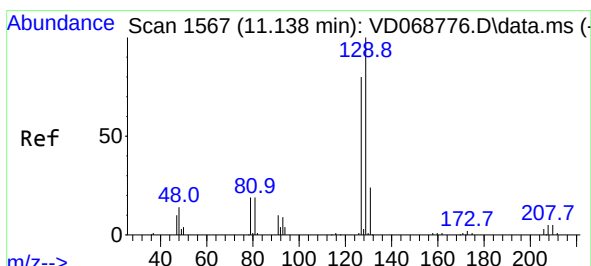
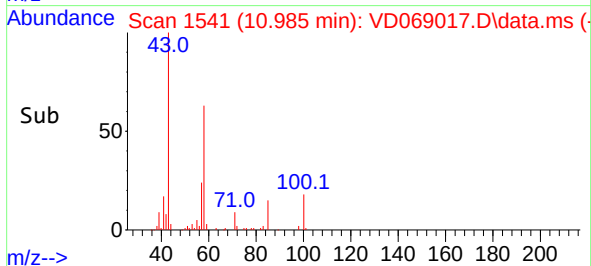
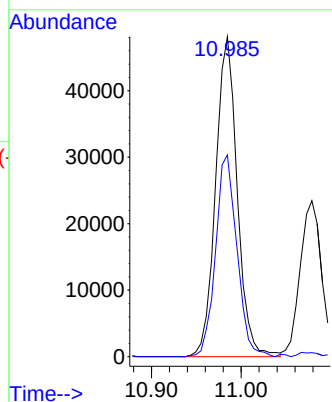
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



Tgt Ion: 43 Resp: 80517
Ion Ratio Lower Upper
43 100
58 62.2 31.3 93.8

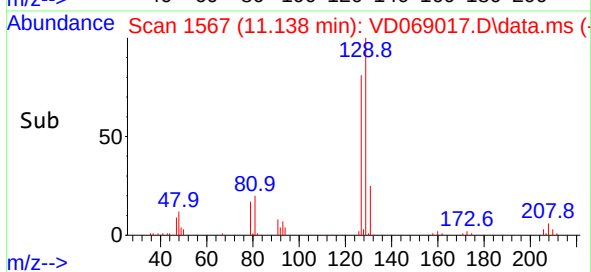
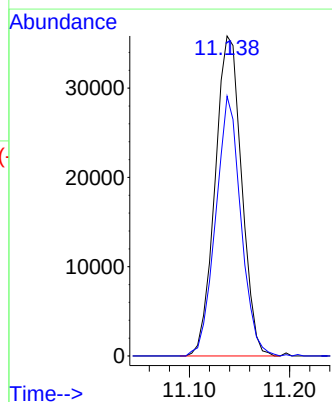
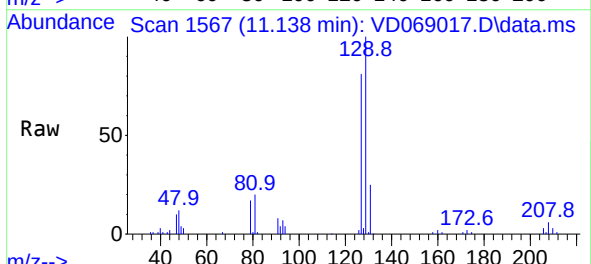
Manual Integrations
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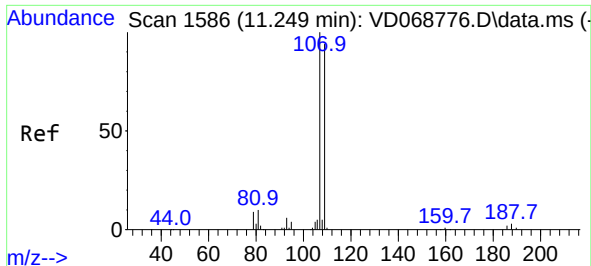
MMDadoda
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#60
Dibromochloromethane
Concen: 23.65 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

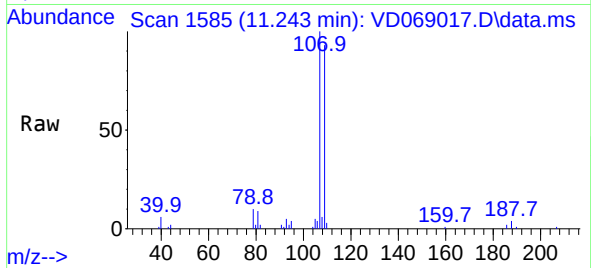
Tgt Ion: 129 Resp: 65923
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61
1,2-Dibromoethane
Concen: 22.12 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

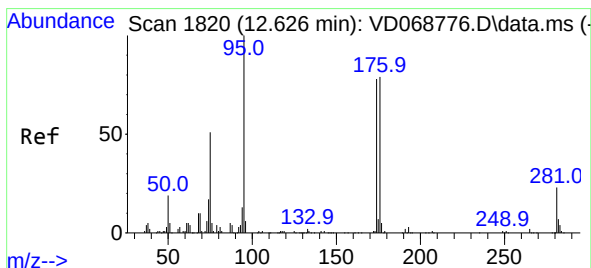
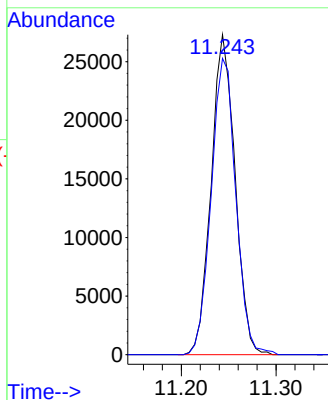
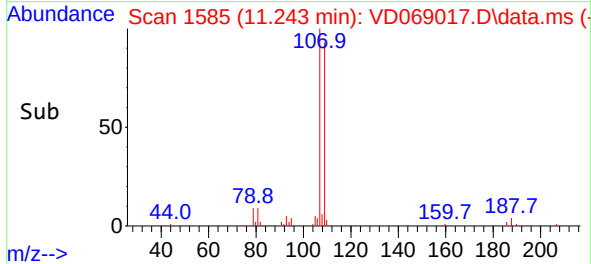
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



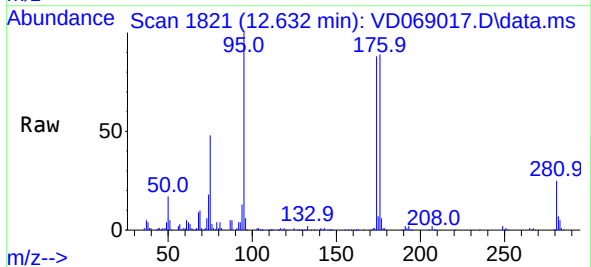
Tgt Ion:107 Resp: 47795
Ion Ratio Lower Upper
107 100
109 95.7 74.9 112.3

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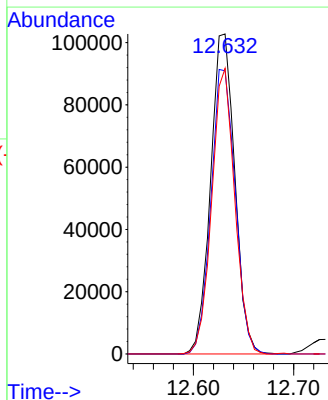
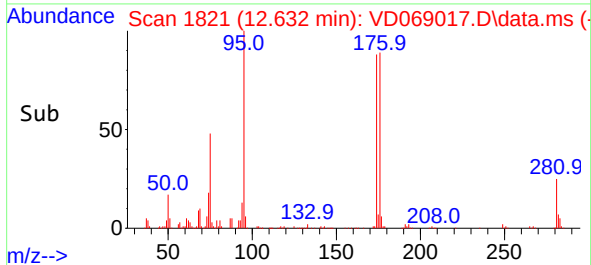
MMDadoda
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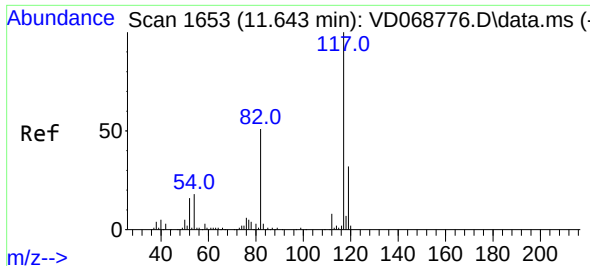


#62
4-Bromofluorobenzene
Concen: 53.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

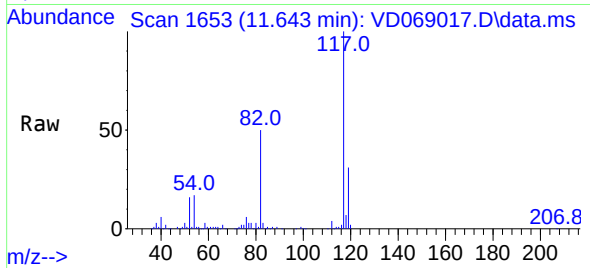


Tgt Ion: 95 Resp: 172510
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 84.8 0.0 160.2

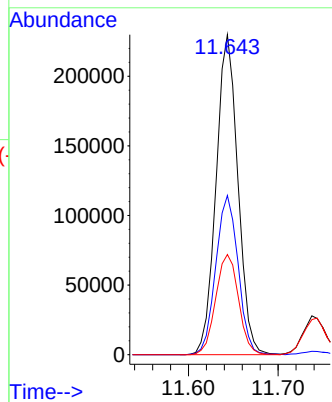
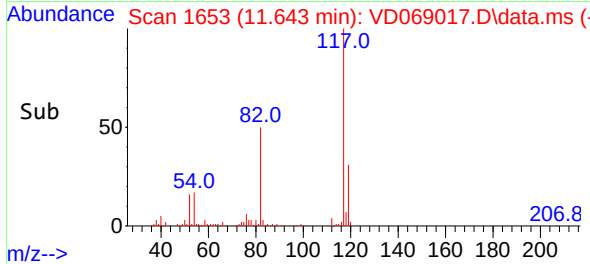




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



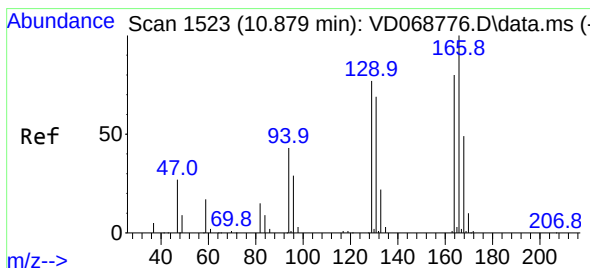
Tgt Ion:117 Resp: 388065
Ion Ratio Lower Upper
117 100
82 49.8 43.5 65.3
119 31.3 26.7 40.1



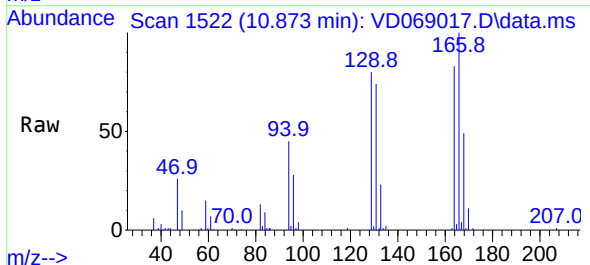
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

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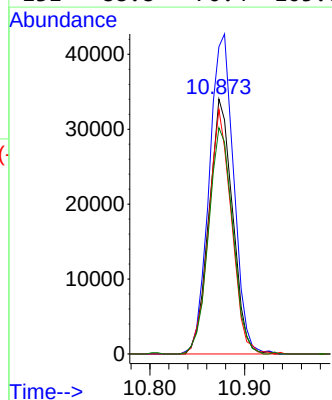
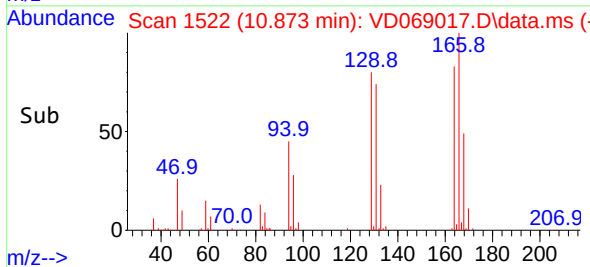
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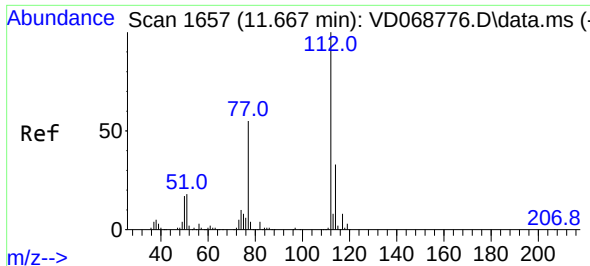


#64
Tetrachloroethene
Concen: 21.71 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



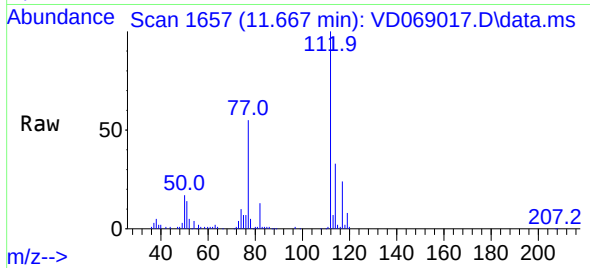
Tgt Ion:164 Resp: 59062
Ion Ratio Lower Upper
164 100
166 120.5 103.0 154.6
129 95.9 77.4 116.0
131 88.8 70.4 105.6





#65
Chlorobenzene
Concen: 21.85 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

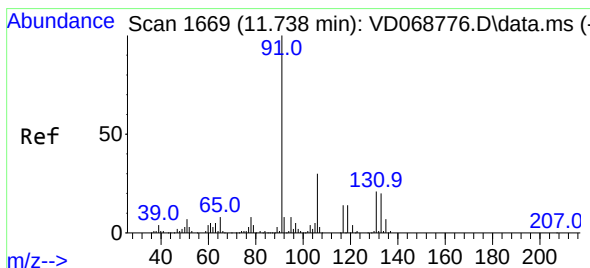
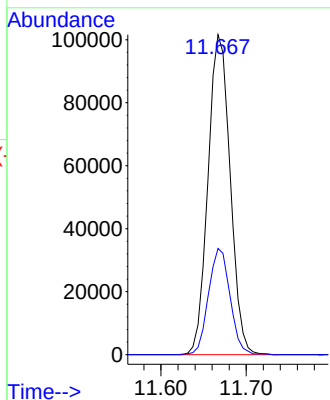
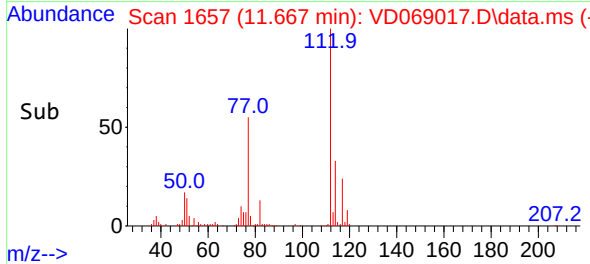
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



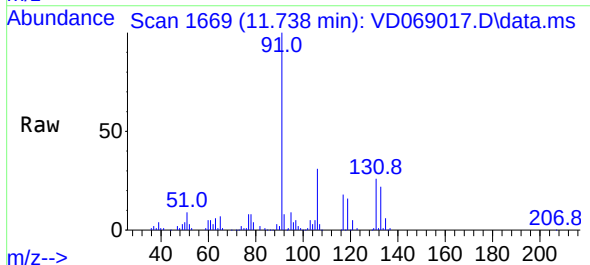
Tgt Ion:112 Resp: 183590
Ion Ratio Lower Upper
112 100
114 33.2 25.2 37.8

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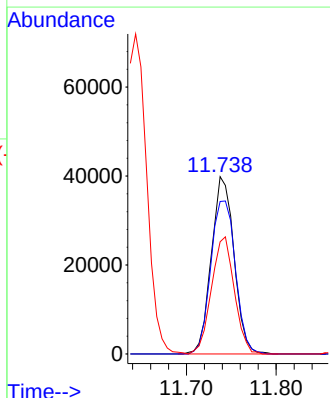
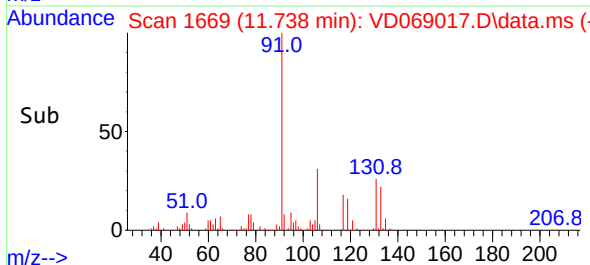
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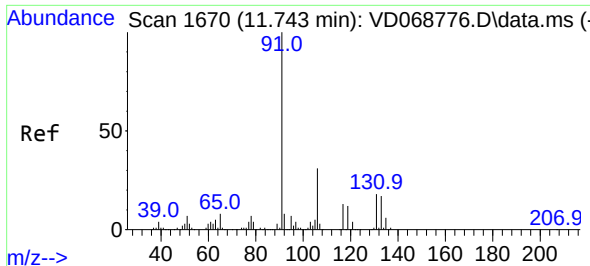


#66
1,1,1,2-Tetrachloroethane
Concen: 23.17 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



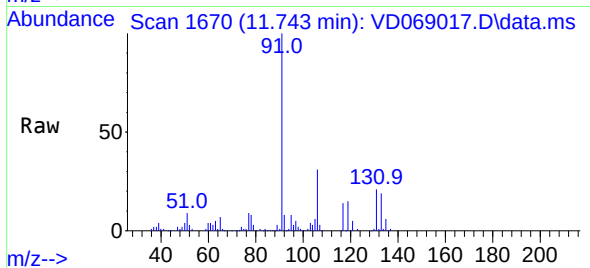
Tgt Ion:131 Resp: 69978
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.2
119 66.6 32.8 98.3





#67
Ethyl Benzene
Concen: 20.65 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

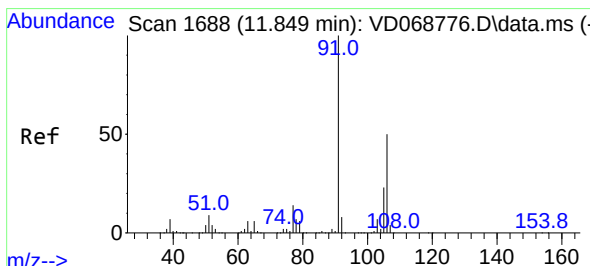
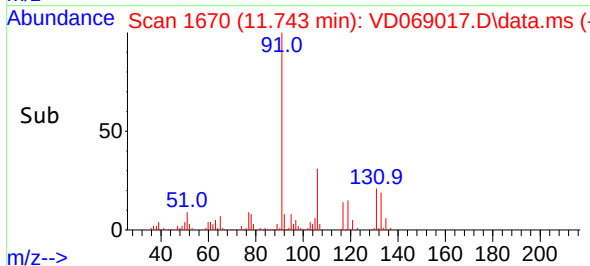
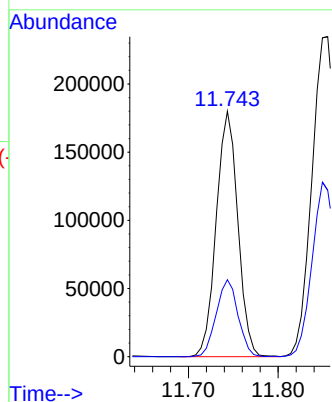
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



Tgt Ion: 91 Resp: 300393
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

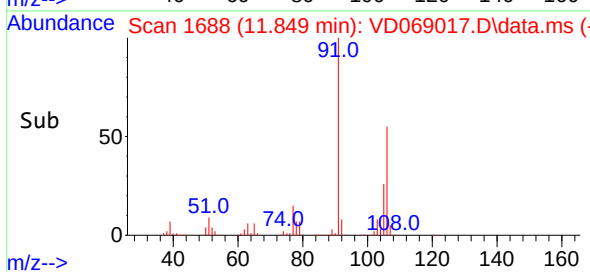
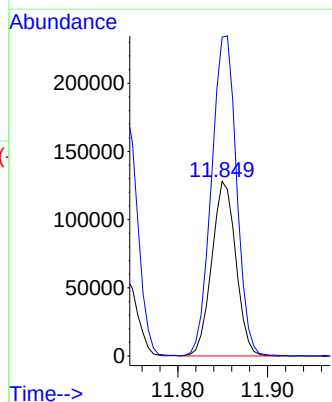
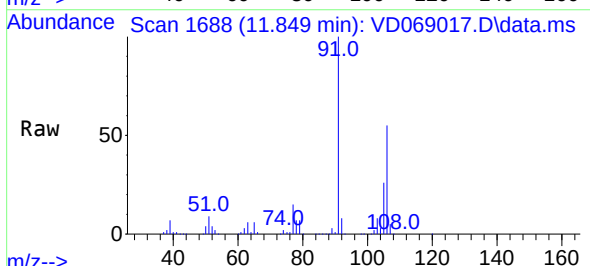
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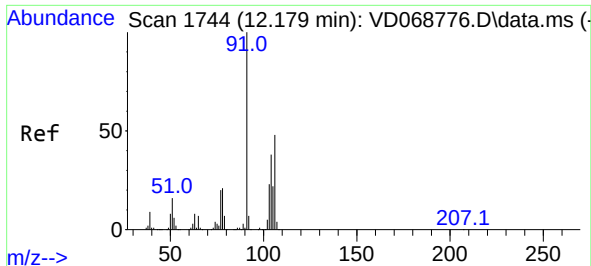
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#68
m/p-Xylenes
Concen: 42.50 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 106 Resp: 238528
Ion Ratio Lower Upper
106 100
91 191.0 158.6 238.0





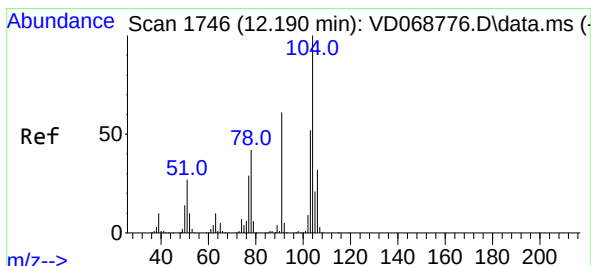
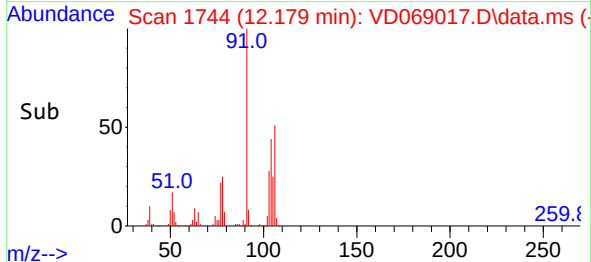
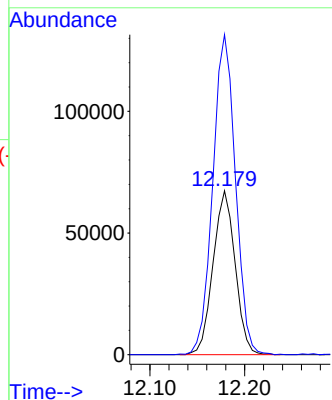
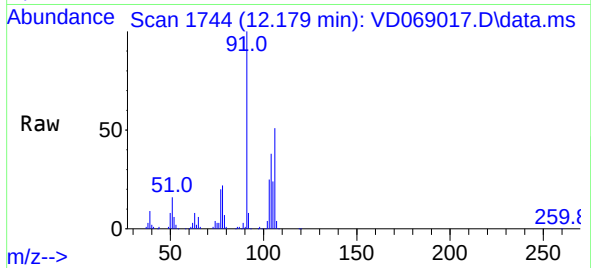
#69
o-Xylene
Concen: 21.39 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:106 Resp: 109186
Ion Ratio Lower Upper
106 100
91 200.5 105.0 315.0

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

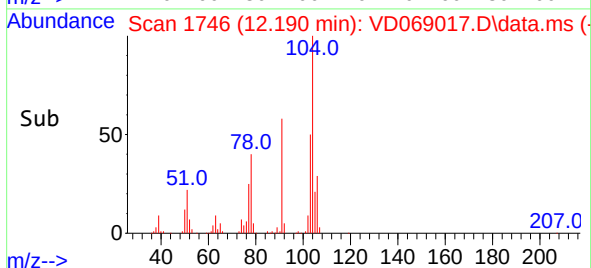
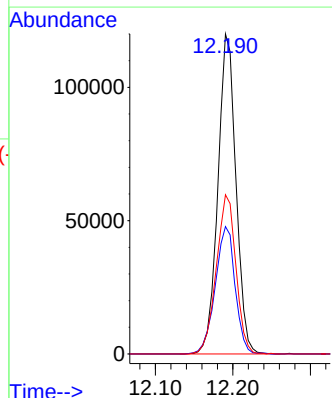
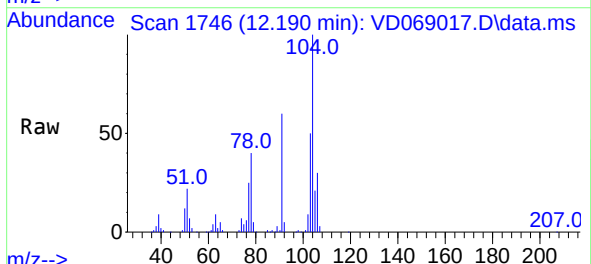
Manual Integrations
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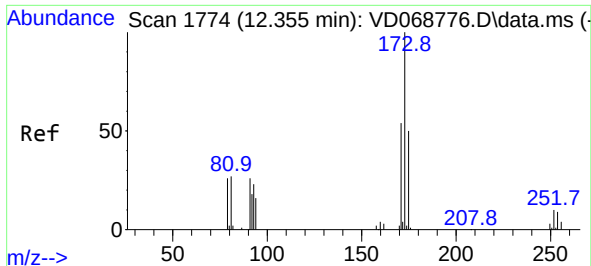
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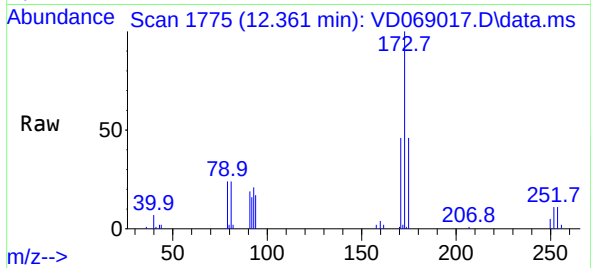
#70
Styrene
Concen: 21.83 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:104 Resp: 194147
Ion Ratio Lower Upper
104 100
78 43.8 36.9 55.3
103 54.1 44.3 66.5

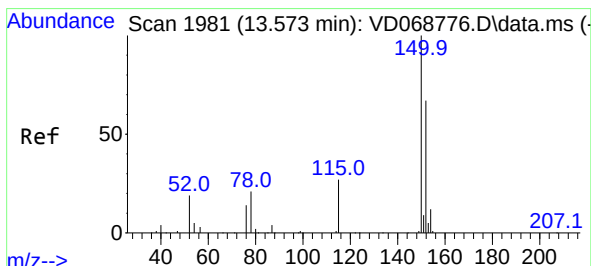
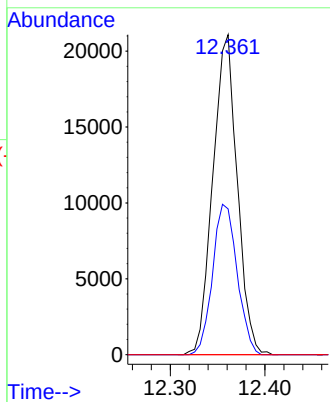
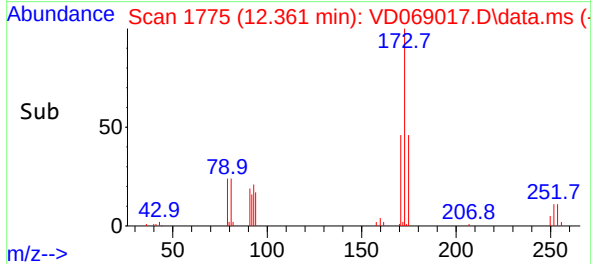




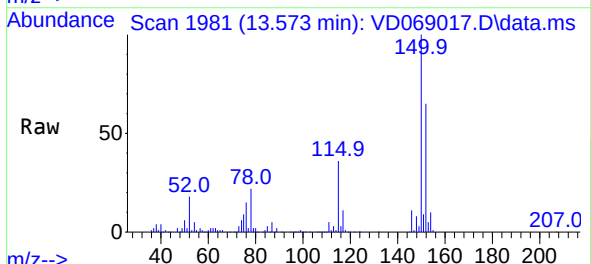
#71
Bromoform
Concen: 23.26 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



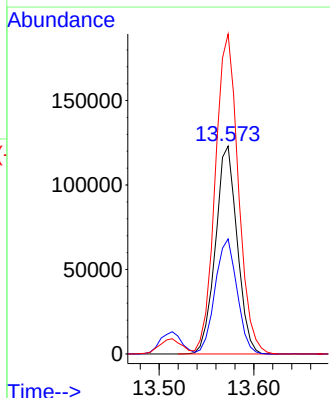
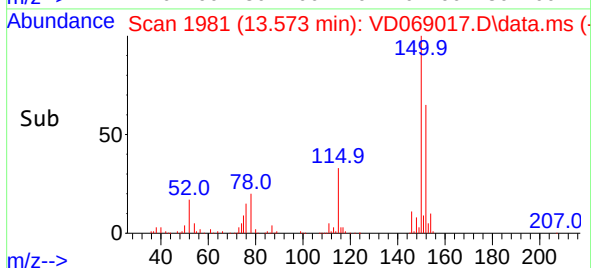
Tgt Ion:173 Resp: 37644
Ion Ratio Lower Upper
173 100
175 47.5 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



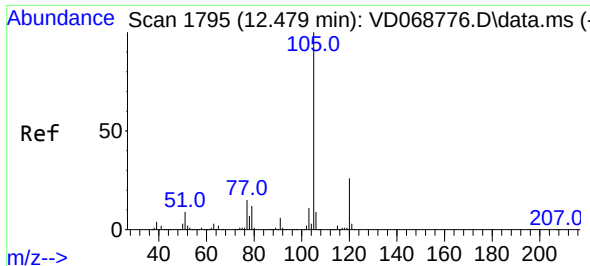
Tgt Ion:152 Resp: 195949
Ion Ratio Lower Upper
152 100
115 56.1 29.3 87.8
150 163.4 0.0 347.6



Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

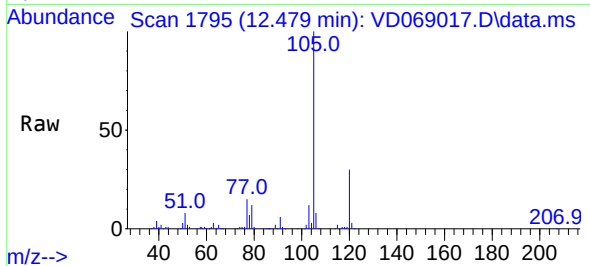
Manual Integrations
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#73
Isopropylbenzene
Concen: 19.94 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

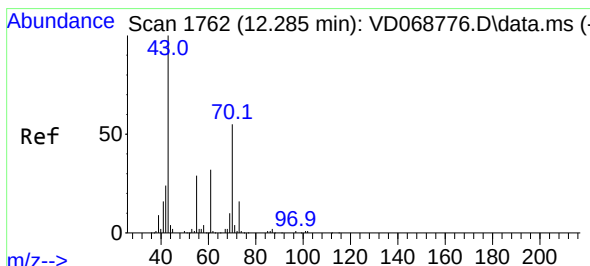
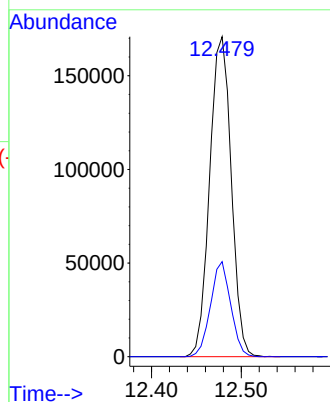
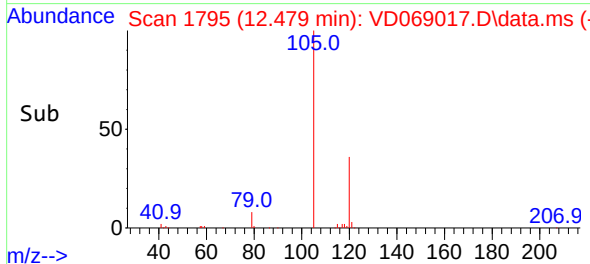
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



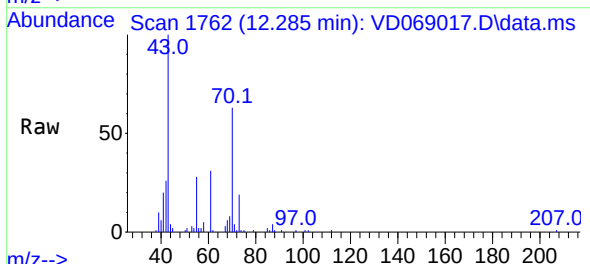
Tgt Ion:105 Resp: 285285
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

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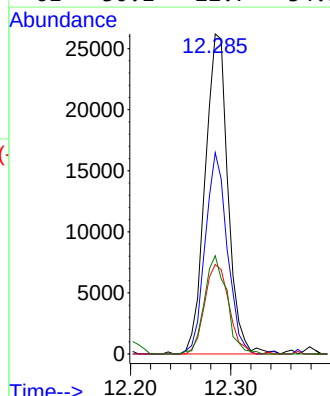
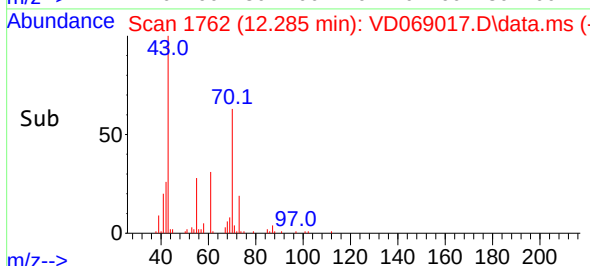
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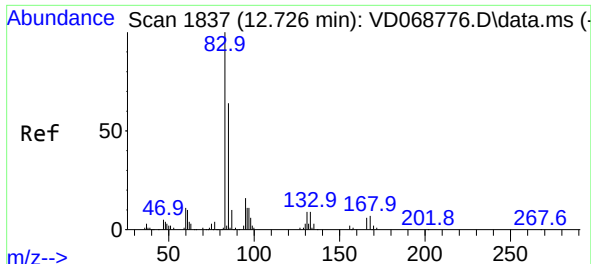


#74
N-ethyl acetate
Concen: 17.13 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



Tgt Ion: 43 Resp: 41554
Ion Ratio Lower Upper
43 100
70 60.6 41.9 62.9
55 29.7 22.8 34.2
61 30.1 22.7 34.1





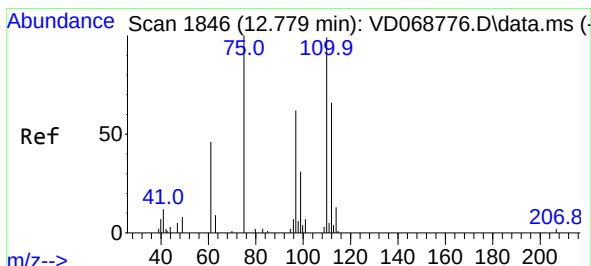
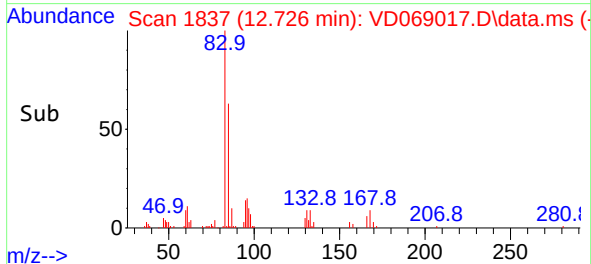
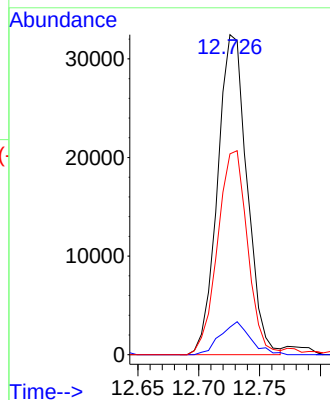
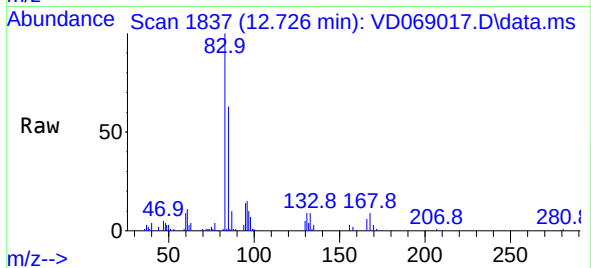
#75
1,1,2,2-Tetrachloroethane
Concen: 20.45 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 83 Resp: 54700
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.7 32.0 96.0

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

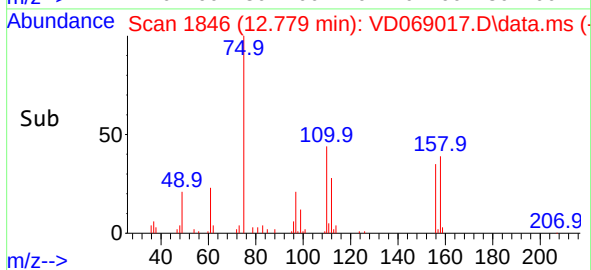
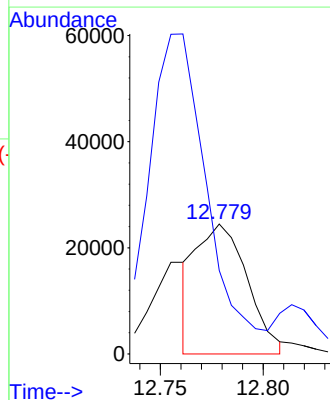
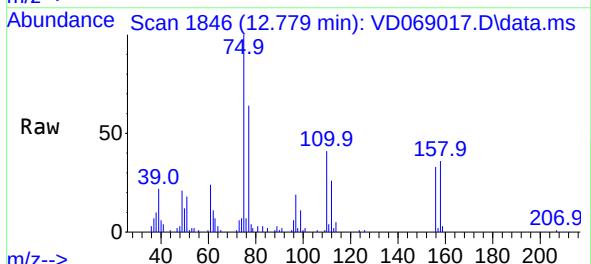
Manual Integrations
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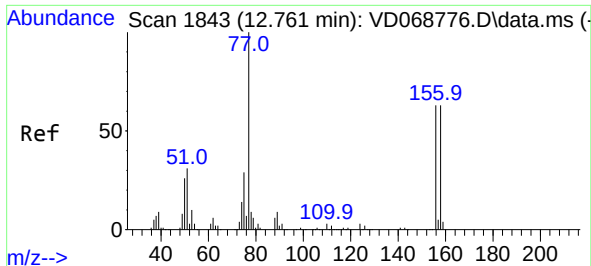
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#76
1,2,3-Trichloropropane
Concen: 23.75 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 75 Resp: 42509
Ion Ratio Lower Upper
75 100
77 283.5 0.0 0.0#





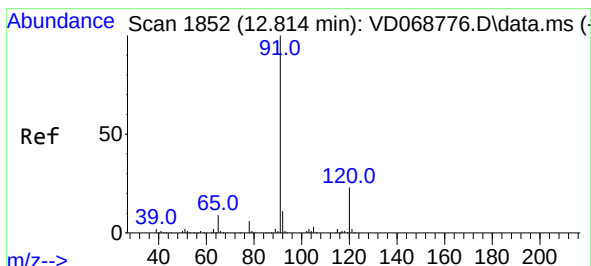
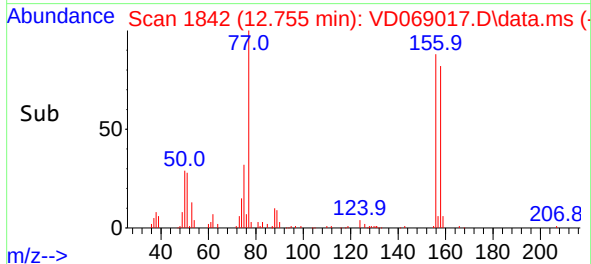
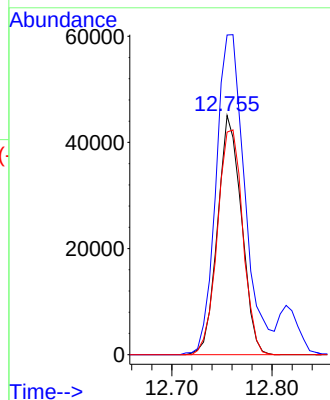
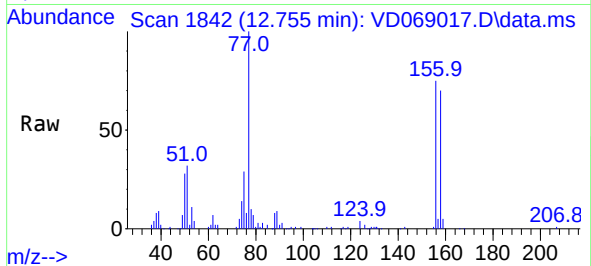
#77
Bromobenzene
Concen: 21.74 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:156 Resp: 74760
Ion Ratio Lower Upper
156 100
77 161.2 88.9 266.8
158 99.6 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

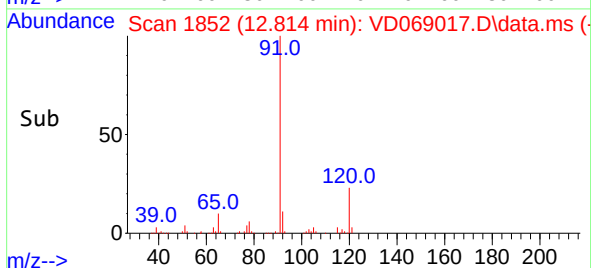
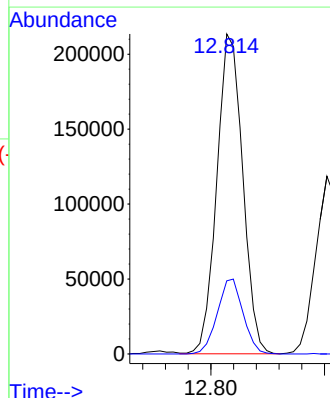
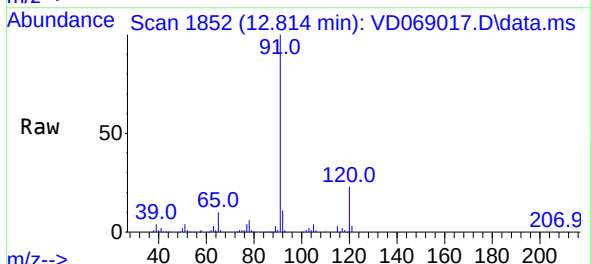
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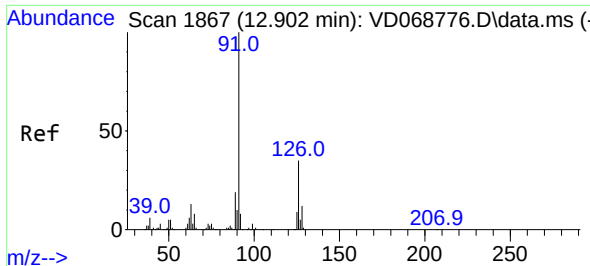
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#78
n-propylbenzene
Concen: 19.41 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 91 Resp: 337380
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2





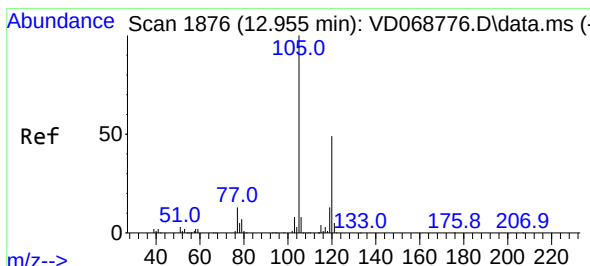
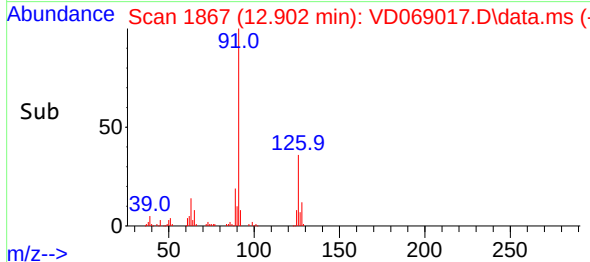
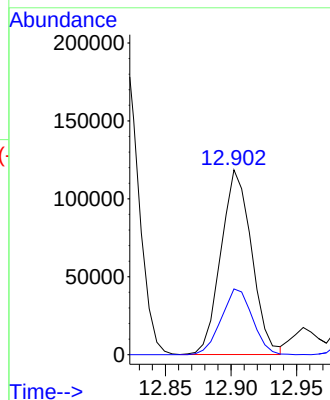
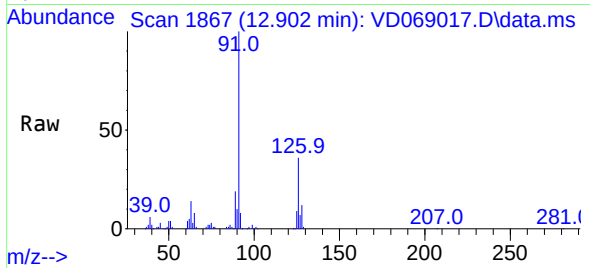
#79
2-Chlorotoluene
Concen: 19.87 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 91 Resp: 192900
Ion Ratio Lower Upper
91 100
126 36.2 17.1 51.3

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

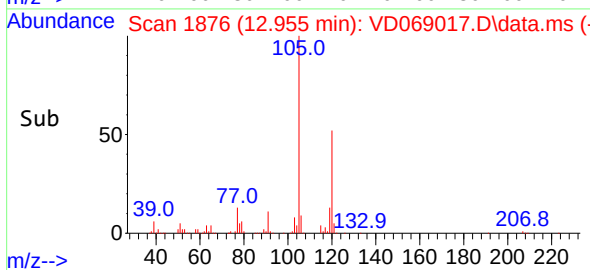
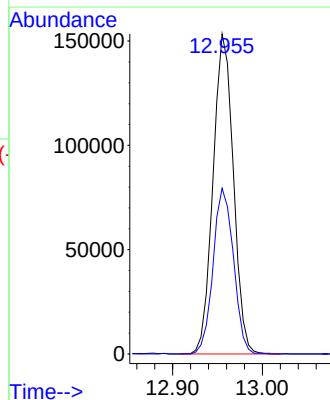
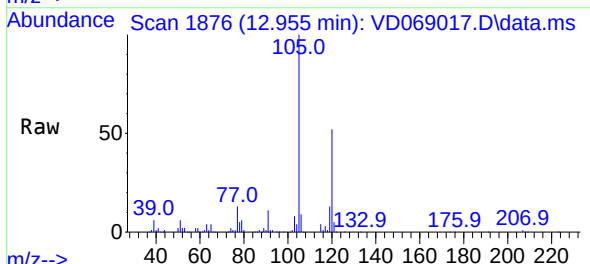
Manual Integrations
APPROVED

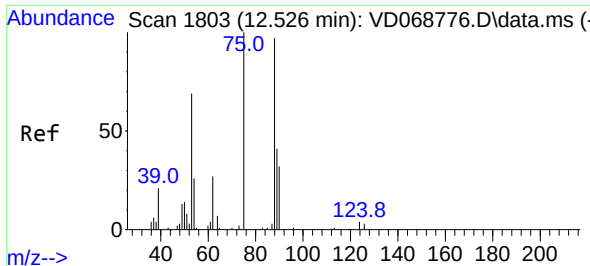
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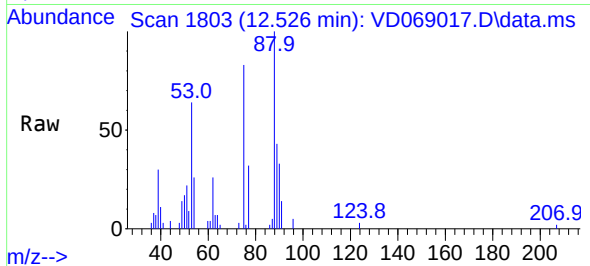
#80
1,3,5-Trimethylbenzene
Concen: 20.20 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:105 Resp: 241577
Ion Ratio Lower Upper
105 100
120 51.8 24.9 74.7

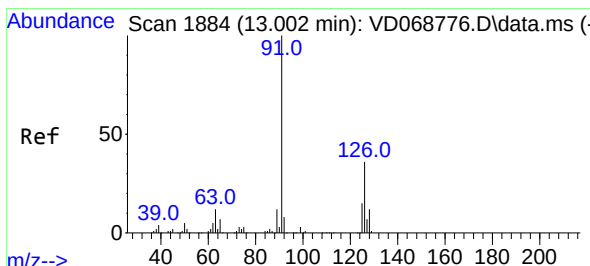
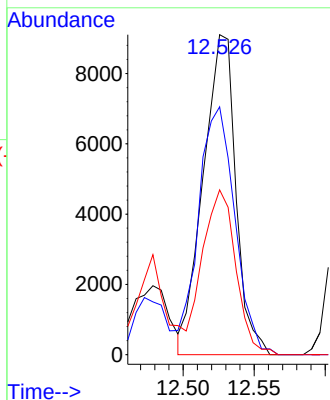
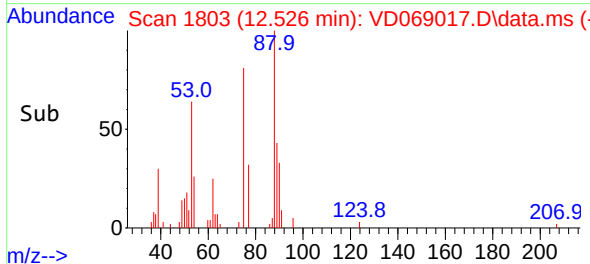




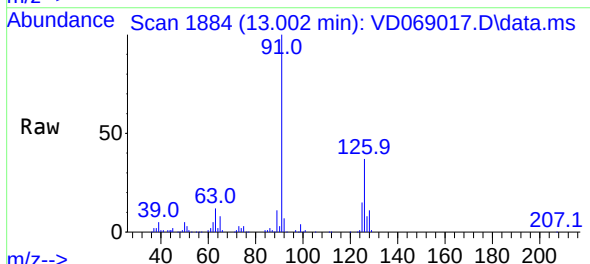
#81
trans-1,4-Dichloro-2-butene
Concen: 18.82 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



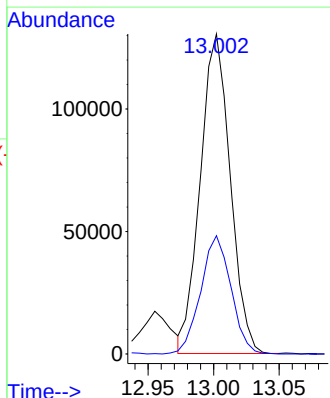
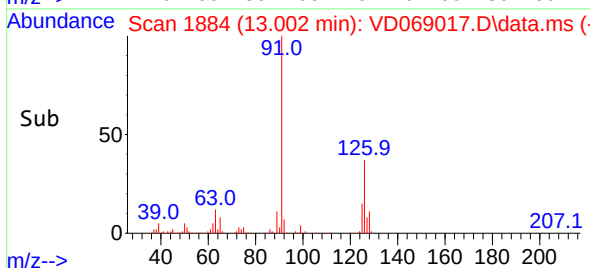
Tgt Ion: 75 Resp: 14515
Ion Ratio Lower Upper
75 100
53 87.6 66.8 100.2
89 52.3 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.13 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



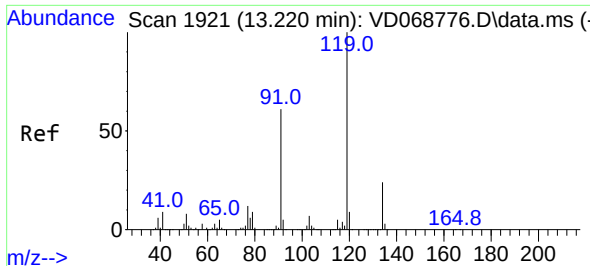
Tgt Ion: 91 Resp: 207126
Ion Ratio Lower Upper
91 100
126 37.4 17.2 51.5



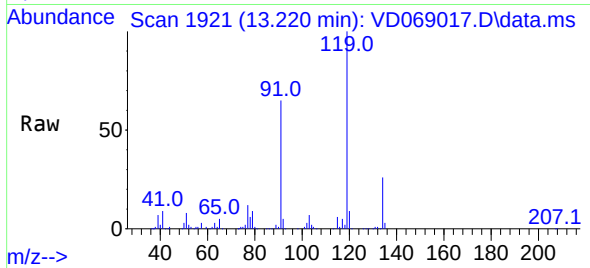
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

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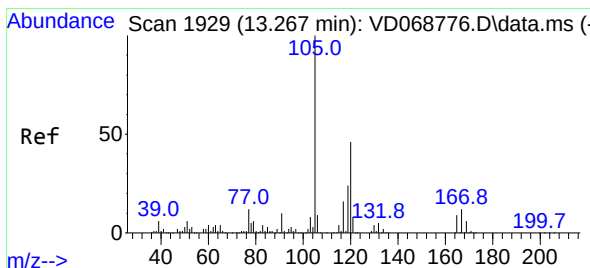
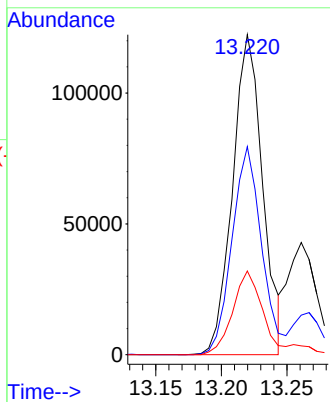
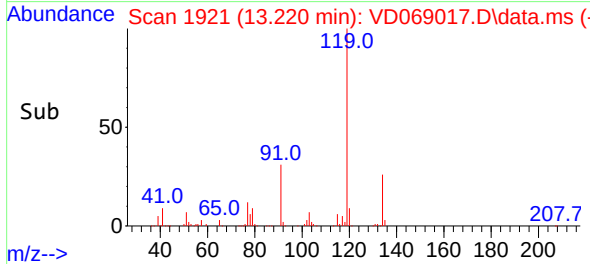
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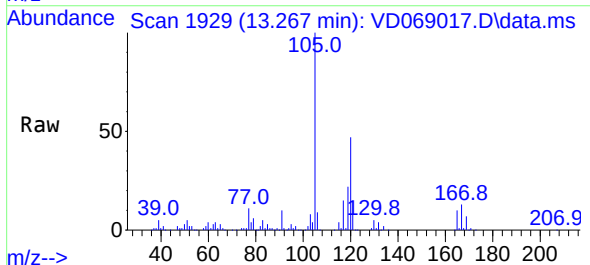
#83
tert-Butylbenzene
Concen: 19.21 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



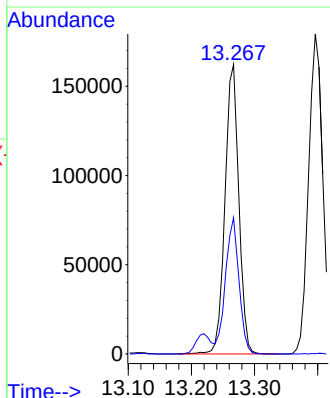
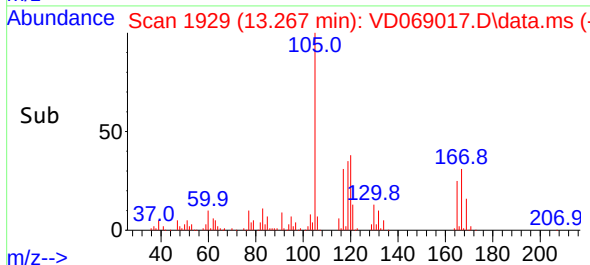
Tgt Ion:119 Resp: 194976
Ion Ratio Lower Upper
119 100
91 64.5 31.6 95.0
134 25.7 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.42 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



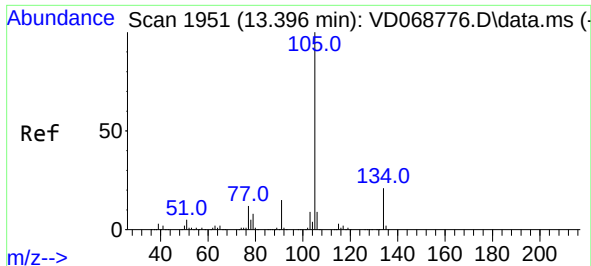
Tgt Ion:105 Resp: 246685
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.7



Instrument :
MSVOA_D
ClientSampleId :
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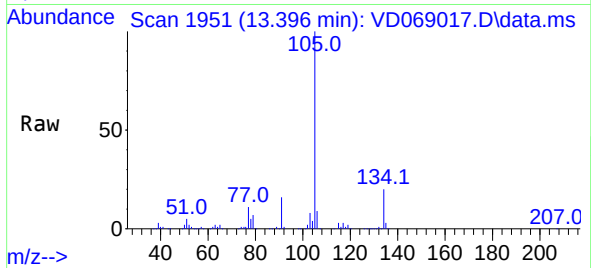
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#85
sec-Butylbenzene
Concen: 19.51 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

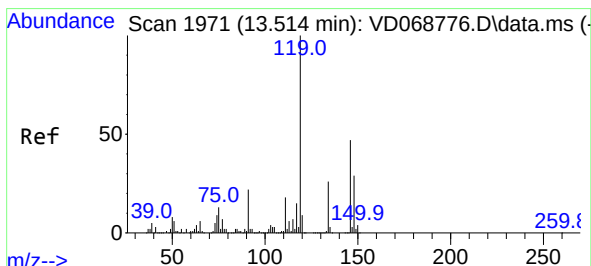
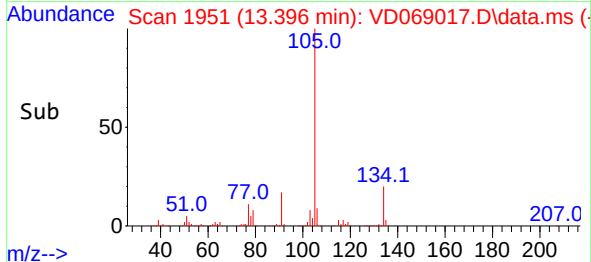
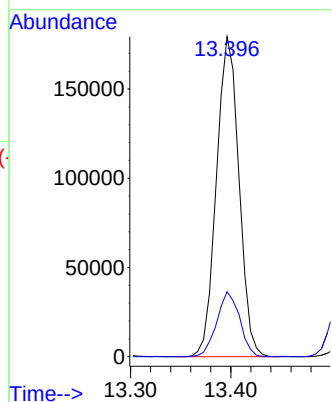
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01



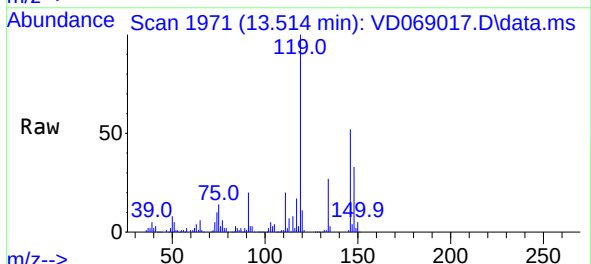
Tgt Ion:105 Resp: 279444
Ion Ratio Lower Upper
105 100
134 20.7 10.0 29.8

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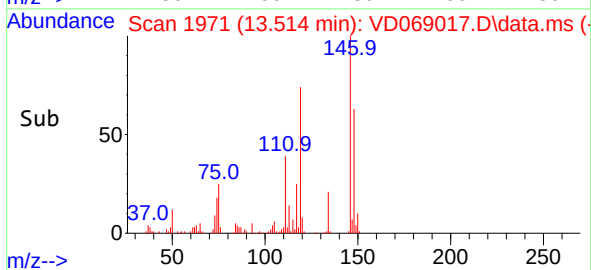
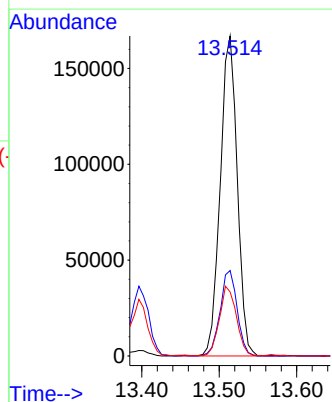
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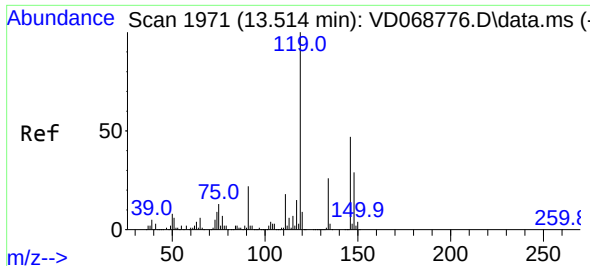


#86
p-Isopropyltoluene
Concen: 19.47 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

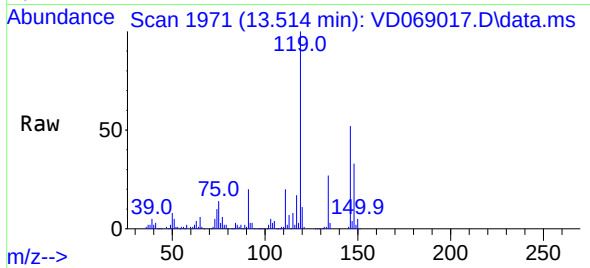


Tgt Ion:119 Resp: 254703
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.9
91 21.4 11.1 33.1

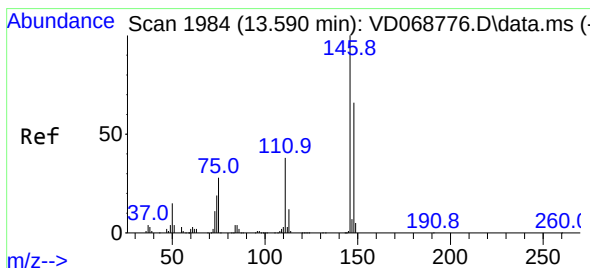
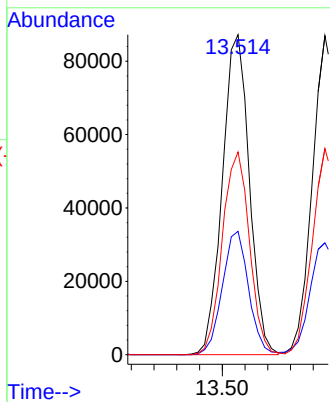
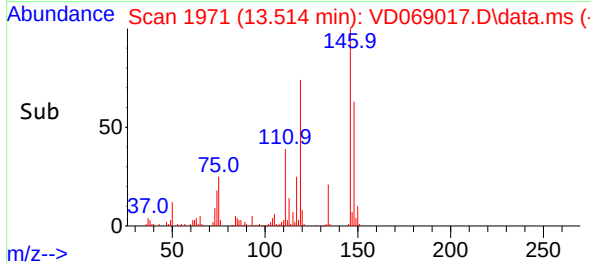




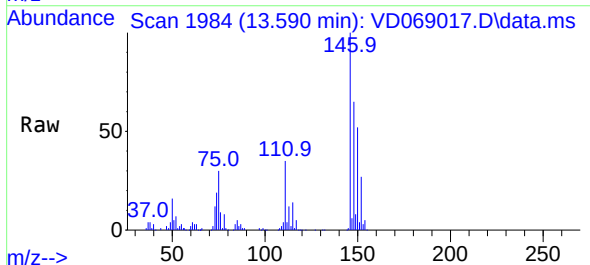
#87
1,3-Dichlorobenzene
Concen: 21.13 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



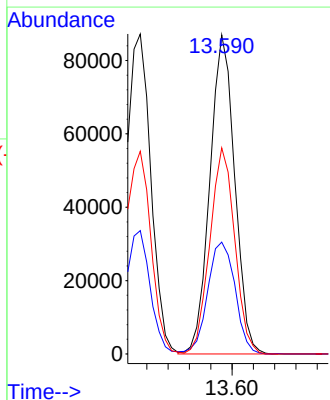
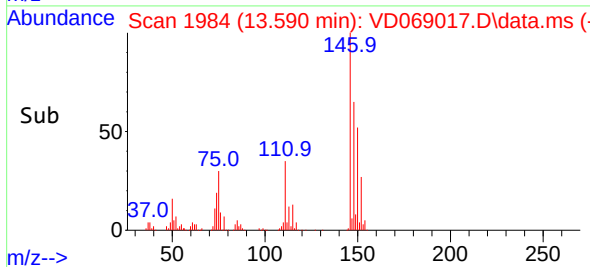
Tgt Ion:146 Resp: 143992
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.8
148 63.5 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 20.87 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



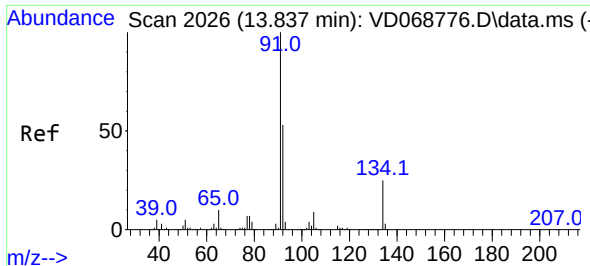
Tgt Ion:146 Resp: 140737
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.6 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
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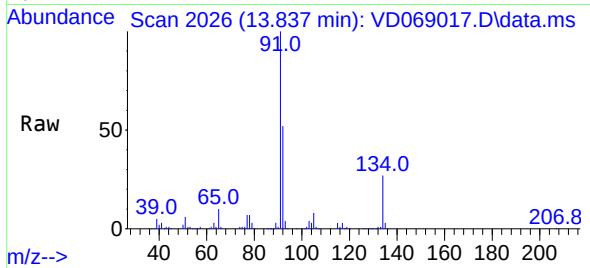
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#89
n-Butylbenzene
Concen: 18.33 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

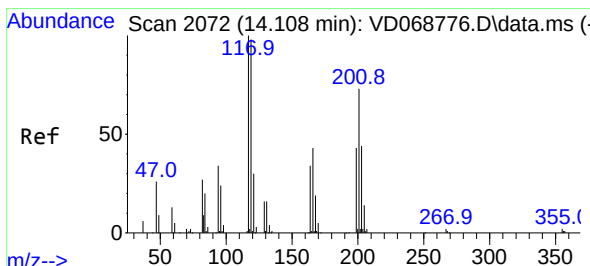
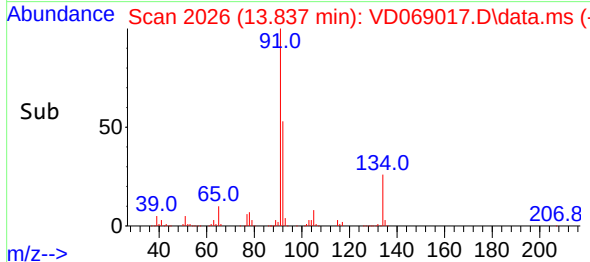
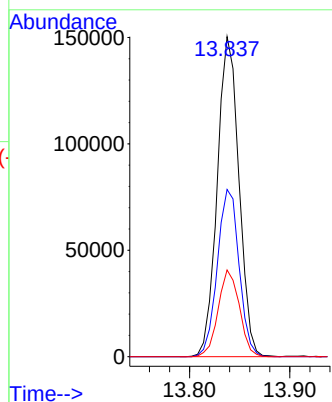
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 91 Resp: 225779
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 26.5 12.9 38.6

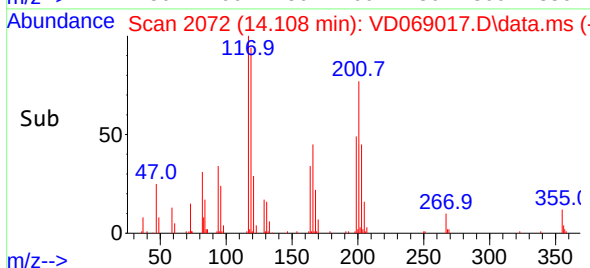
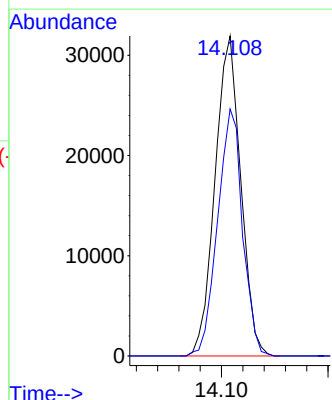
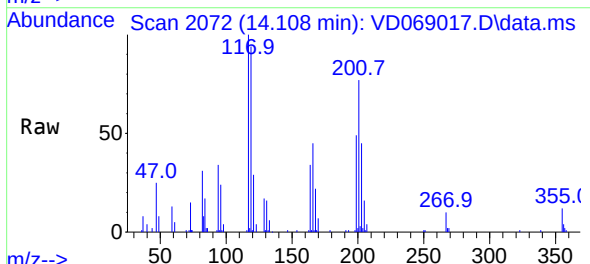
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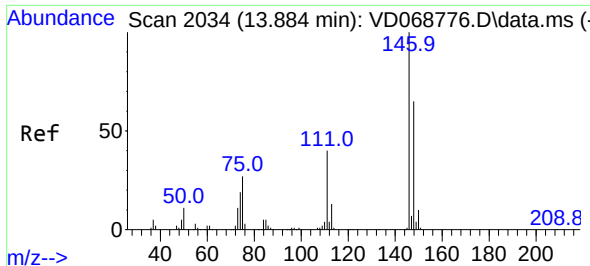
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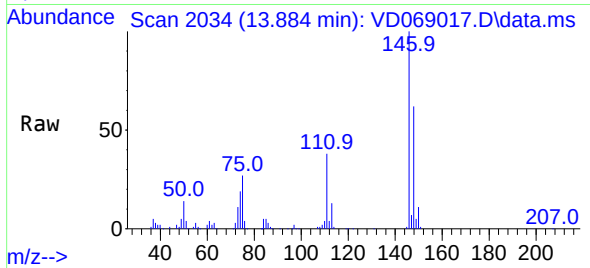
#90
Hexachloroethane
Concen: 20.54 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion: 117 Resp: 53511
Ion Ratio Lower Upper
117 100
201 74.7 35.4 106.2

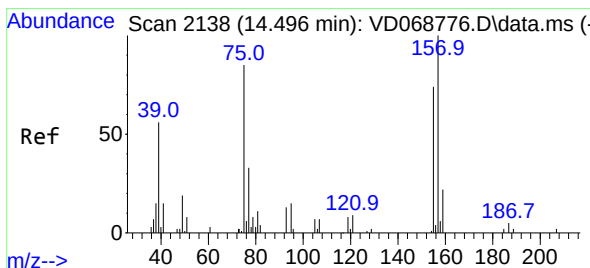
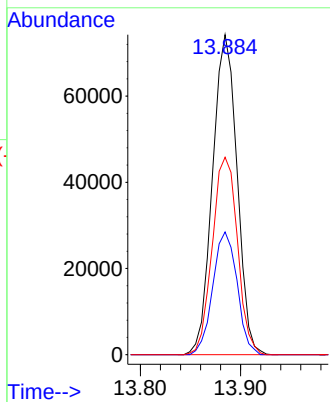
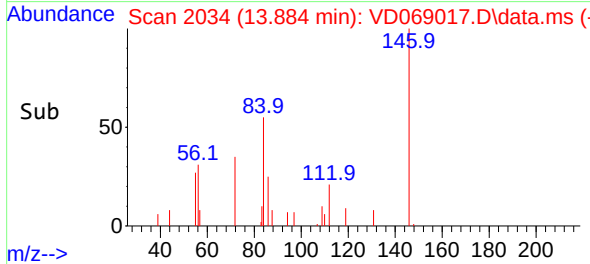




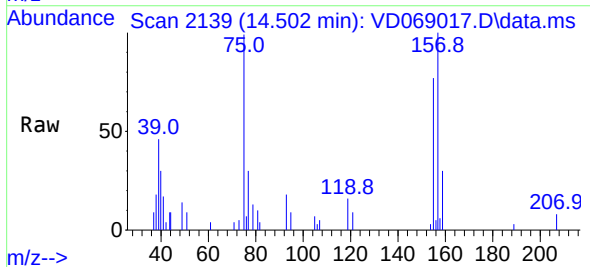
#91
1,2-Dichlorobenzene
Concen: 21.35 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



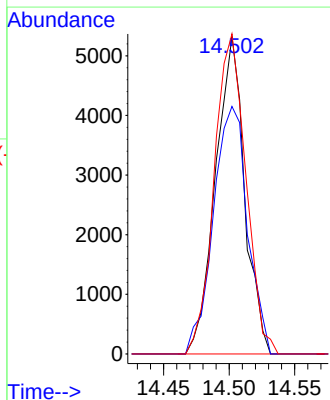
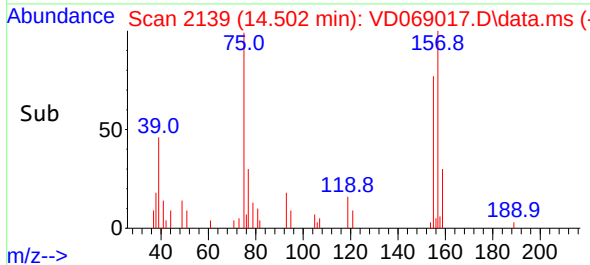
Tgt Ion:146 Resp: 125915
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.9
148 63.4 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.16 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



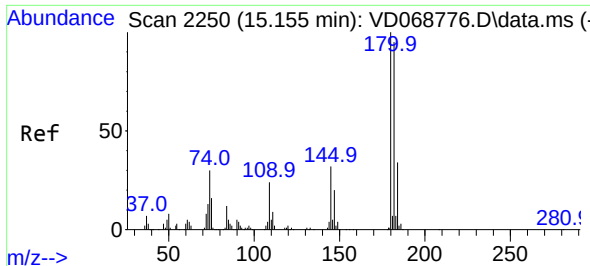
Tgt Ion: 75 Resp: 8195
Ion Ratio Lower Upper
75 100
155 91.7 46.8 140.3
157 109.4 59.8 179.3



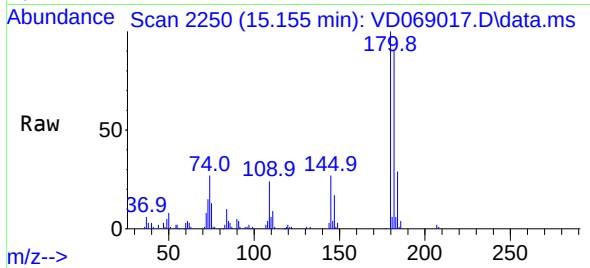
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

Manual Integrations
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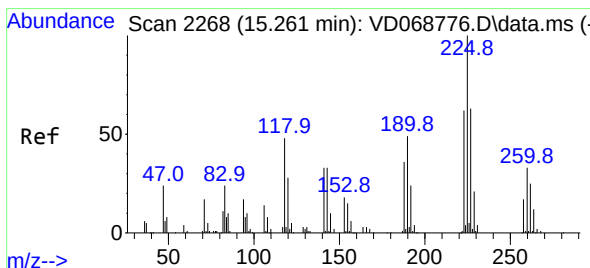
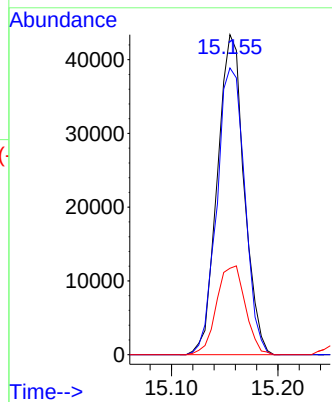
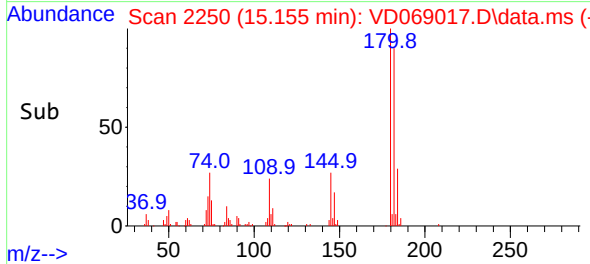
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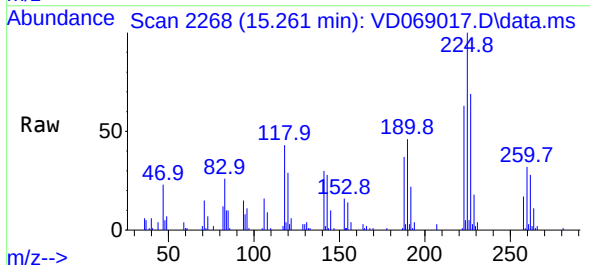
#93
1,2,4-Trichlorobenzene
Concen: 20.72 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



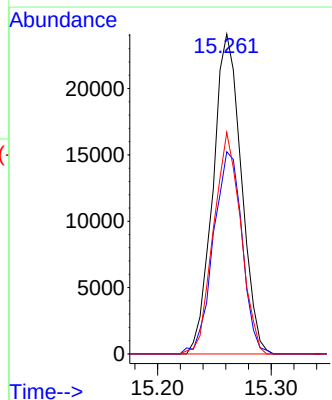
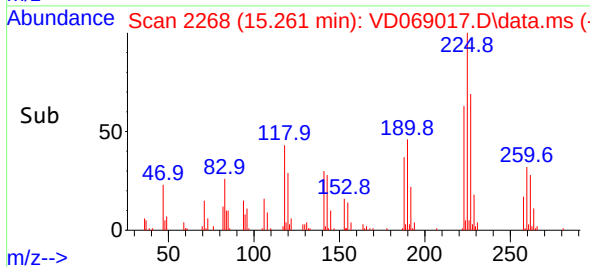
Tgt Ion:180 Resp: 75606
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.8
145 29.8 15.2 45.6



#94
Hexachlorobutadiene
Concen: 19.99 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41



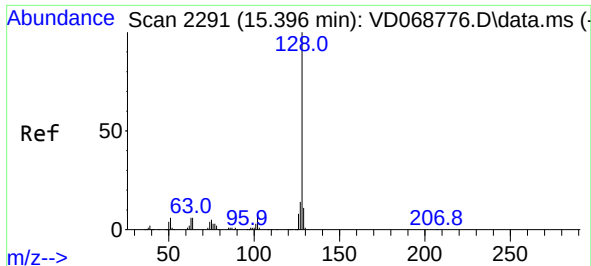
Tgt Ion:225 Resp: 41768
Ion Ratio Lower Upper
225 100
223 63.9 30.6 91.6
227 66.6 31.4 94.0



Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

Manual Integrations
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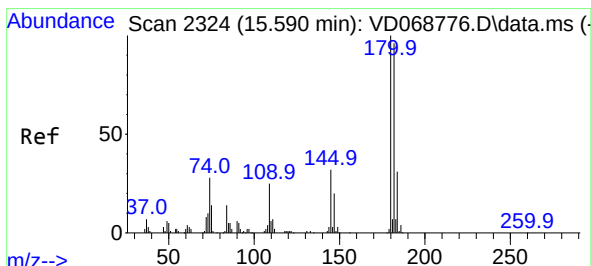
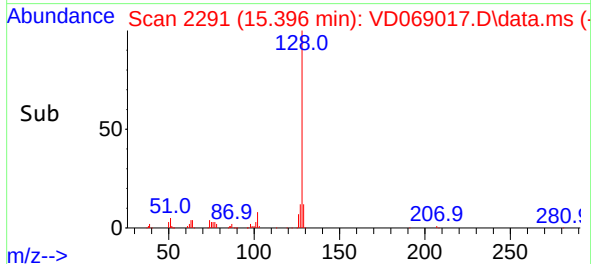
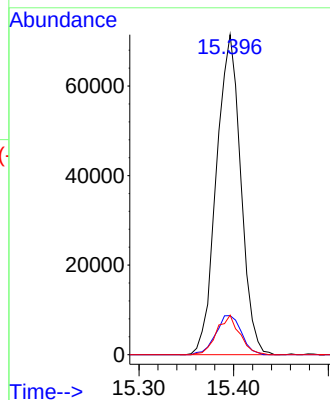
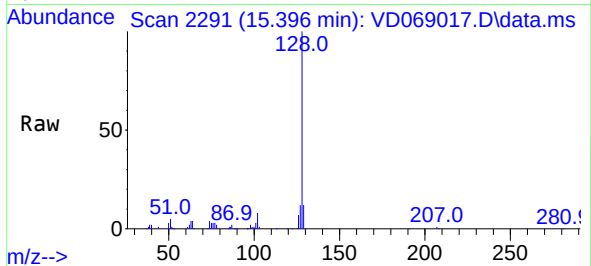
#95
Naphthalene
Concen: 20.09 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	128	Resp:	127669
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.6	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBS01

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.73 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD069017.D
Acq: 29 Apr 2021 14:41

Tgt Ion:	180	Resp:	69340
Ion	Ratio	Lower	Upper
180	100		
182	89.6	46.5	139.3
145	30.3	15.8	47.4

