

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069093.D
 Acq On : 06 May 2021 23:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 5/7/2021 6:26:04 PM

Quant Time: May 07 01:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	251861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	430093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	432888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147350	45.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.78%		
35) Dibromofluoromethane	7.914	113	149465	50.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.36%		
50) Toluene-d8	10.338	98	543443	49.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.82%		
62) 4-Bromofluorobenzene	12.626	95	180642	50.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	120747	39.42	ug/l	100
3) Chloromethane	2.209	50	156002	41.38	ug/l	90
4) Vinyl Chloride	2.344	62	207197	41.56	ug/l	98
5) Bromomethane	2.750	94	140689	47.43	ug/l	93
6) Chloroethane	2.909	64	141373	48.77	ug/l	100
7) Trichlorofluoromethane	3.262	101	224160	40.95	ug/l	96
8) Diethyl Ether	3.709	74	65003	48.88	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	130026	44.36	ug/l	95
10) Methyl Iodide	4.291	142	134783	50.92	ug/l	93
11) Tert butyl alcohol	5.226	59	46756	221.93	ug/l	97
12) 1,1-Dichloroethene	4.062	96	122753	46.51	ug/l	88
13) Acrolein	3.921	56	42350	217.72	ug/l	98
14) Allyl chloride	4.715	41	135228	39.76	ug/l	94
15) Acrylonitrile	5.415	53	133896	231.63	ug/l	100
16) Acetone	4.156	43	92737	198.34	ug/l	91
17) Carbon Disulfide	4.403	76	378676	42.44	ug/l	98
18) Methyl Acetate	4.721	43	57141	45.20	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	300257	49.77	ug/l	99
20) Methylene Chloride	4.962	84	199399	64.67	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	155865	49.70	ug/l	89
22) Diisopropyl ether	6.362	45	338592	44.60	ug/l #	93
23) Vinyl Acetate	6.303	43	965184	222.38	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	245179	45.73	ug/l	97
25) 2-Butanone	7.209	43	144094	207.65	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	189152	37.77	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	170471	50.37	ug/l	91
28) Bromochloromethane	7.544	49	98177	45.36	ug/l #	82
29) Tetrahydrofuran	7.562	42	95027	222.61	ug/l	91
30) Chloroform	7.709	83	285687	47.64	ug/l	98
31) Cyclohexane	7.985	56	180848	38.41	ug/l	89
32) 1,1,1-Trichloroethane	7.903	97	244550	44.65	ug/l	97
36) 1,1-Dichloropropene	8.114	75	196545	43.43	ug/l	95
37) Ethyl Acetate	7.291	43	73233	42.93	ug/l	95
38) Carbon Tetrachloride	8.097	117	215354	43.88	ug/l	95
39) Methylcyclohexane	9.356	83	224197	45.31	ug/l	97
40) Benzene	8.350	78	599958	47.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	45688m	46.19	ug/l	
42) 1,2-Dichloroethane	8.420	62	173557	44.34	ug/l	97
43) Isopropyl Acetate	8.450	43	135489	42.36	ug/l	93
44) Trichloroethene	9.109	130	162526	48.83	ug/l	98
45) 1,2-Dichloropropane	9.385	63	146503	47.52	ug/l	97
46) Dibromomethane	9.473	93	87416	49.33	ug/l	93
47) Bromodichloromethane	9.661	83	222955	47.86	ug/l	98
48) Methyl methacrylate	9.456	41	63661	40.37	ug/l #	83
49) 1,4-Dioxane	9.456	88	22069	1077.15	ug/l #	86
51) 4-Methyl-2-Pentanone	10.226	43	364472	222.59	ug/l	96
52) Toluene	10.403	92	393760	49.55	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	192041	47.43	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	223973	46.79	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	122943	52.25	ug/l #	92
56) Ethyl methacrylate	10.661	69	133753	47.34	ug/l	88
57) 1,3-Dichloropropane	10.944	76	196374	49.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	359582	263.90	ug/l	97
59) 2-Hexanone	10.985	43	246785	223.30	ug/l	94
60) Dibromochloromethane	11.138	129	157396	50.27	ug/l	100
61) 1,2-Dibromoethane	11.244	107	116168	50.86	ug/l	98
64) Tetrachloroethene	10.873	164	133125	47.71	ug/l	90
65) Chlorobenzene	11.667	112	431692	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	166896	49.92	ug/l	97
67) Ethyl Benzene	11.744	91	737159	47.06	ug/l	97
68) m/p-Xylenes	11.850	106	586124	99.52	ug/l	95
69) o-Xylene	12.179	106	267732	50.70	ug/l	98
70) Styrene	12.191	104	478271	51.29	ug/l	98
71) Bromoform	12.355	173	90074	52.56	ug/l #	99
73) Isopropylbenzene	12.473	105	712638	47.03	ug/l	99
74) N-amyl acetate	12.285	43	132531	41.65	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	136340	45.90	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	98671m	51.78	ug/l	
77) Bromobenzene	12.755	156	176264	50.25	ug/l	91
78) n-propylbenzene	12.814	91	856485	46.01	ug/l	99
79) 2-Chlorotoluene	12.902	91	475467	45.81	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	609074	47.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35967	41.07	ug/l	91
82) 4-Chlorotoluene	13.002	91	517432	46.56	ug/l	98
83) tert-Butylbenzene	13.220	119	509779	48.50	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	624919	48.49	ug/l	97
85) sec-Butylbenzene	13.397	105	707876	46.52	ug/l	98
86) p-Isopropyltoluene	13.508	119	664141	47.29	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	343689	48.82	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	334737	48.25	ug/l	98
89) n-Butylbenzene	13.838	91	591881	44.42	ug/l	99
90) Hexachloroethane	14.102	117	133283	46.17	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	298689	48.80	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21167	43.32	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	182247	50.19	ug/l	97
94) Hexachlorobutadiene	15.261	225	106312	50.56	ug/l	98
95) Naphthalene	15.391	128	343838	46.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	163758	52.22	ug/l	98

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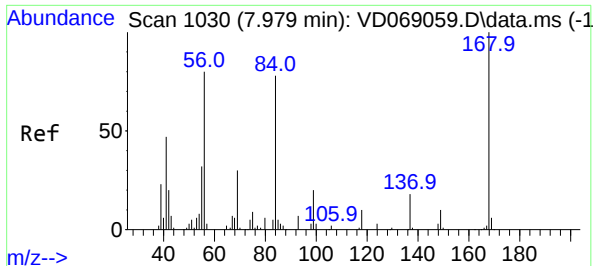
Manual Integrations
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Response via : Initial Calibration

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



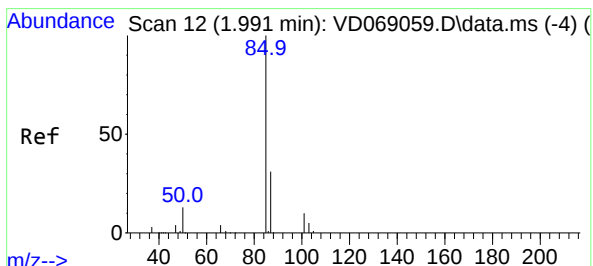
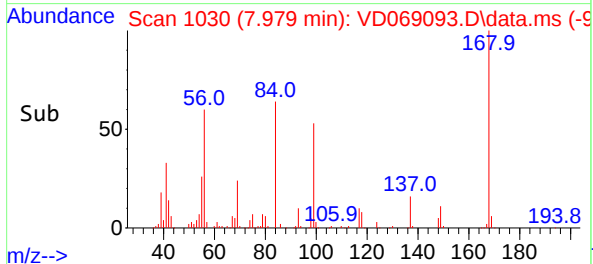
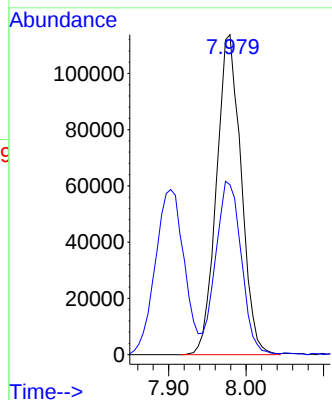
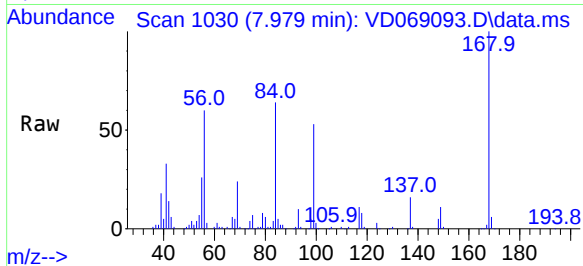
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 168 Resp: 251861
Ion Ratio Lower Upper
168 100
99 52.8 52.6 78.8

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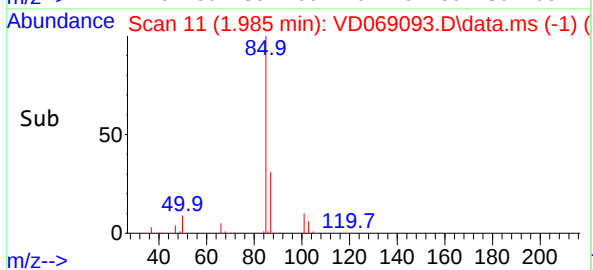
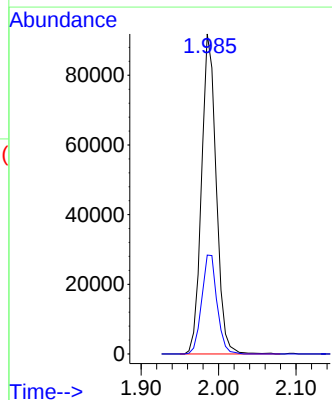
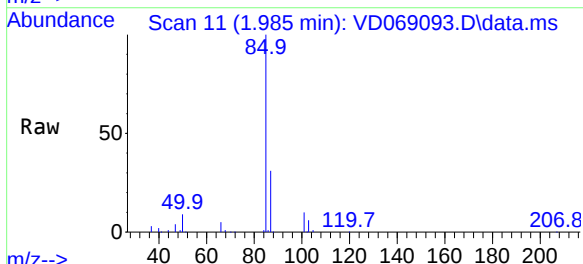
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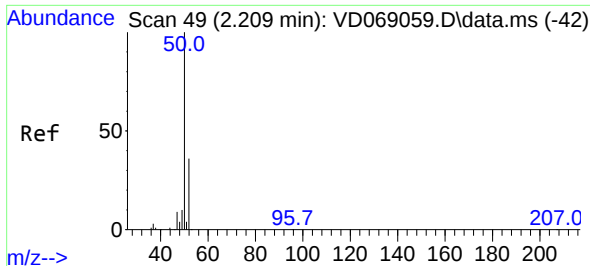
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#2
Dichlorodifluoromethane
Concen: 39.42 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

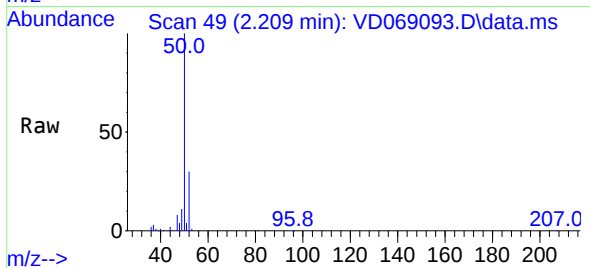
Tgt Ion: 85 Resp: 120747
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.2





#3
Chloromethane
Concen: 41.38 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

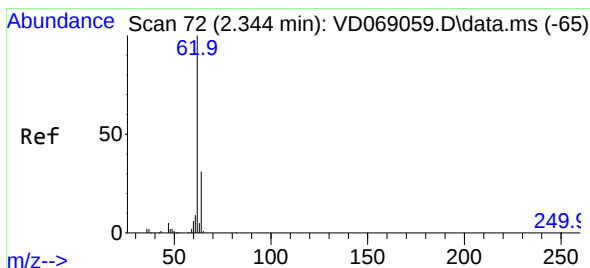
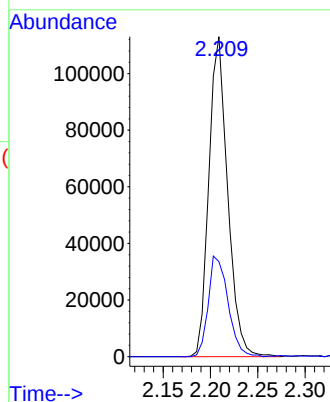
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



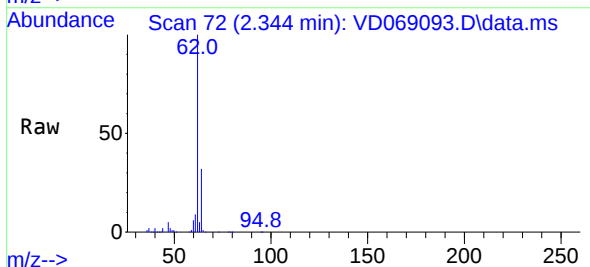
Tgt Ion: 50 Resp: 156002
Ion Ratio Lower Upper
50 100
52 29.7 28.5 42.7

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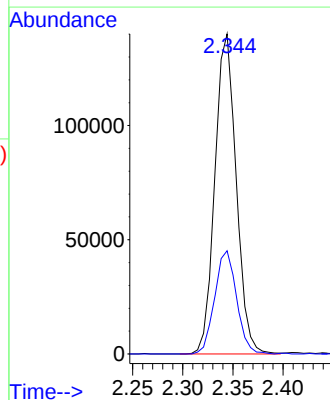
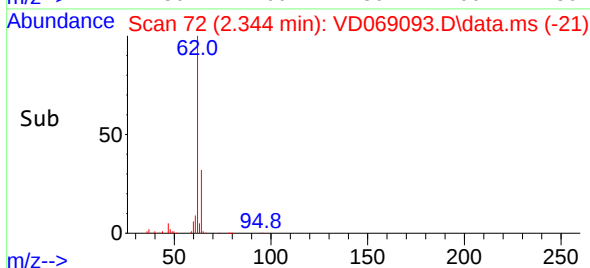
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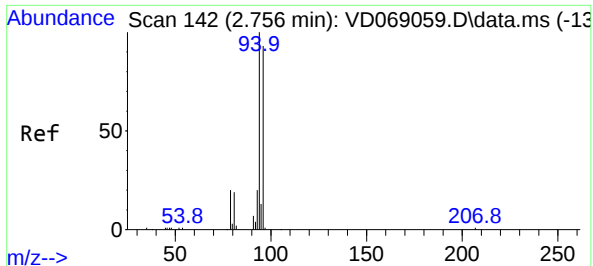


#4
Vinyl Chloride
Concen: 41.56 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 62 Resp: 207197
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





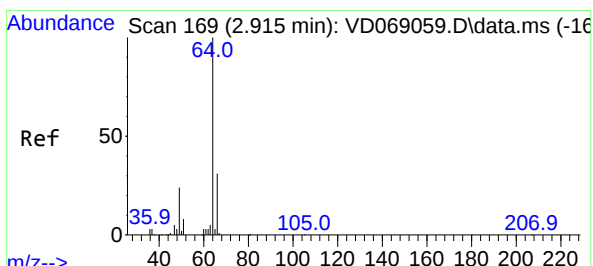
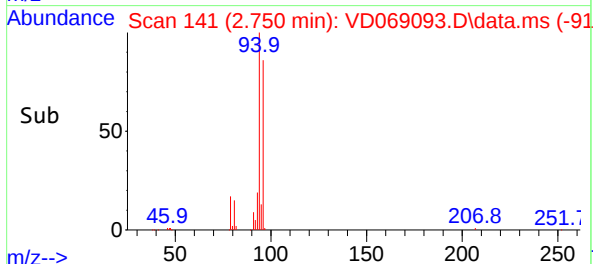
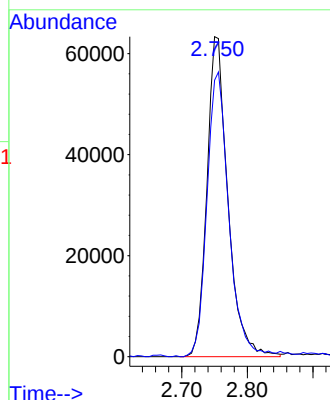
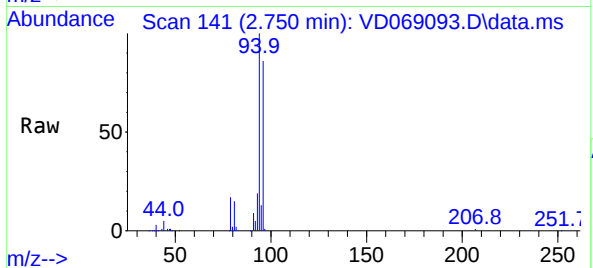
#5
Bromomethane
Concen: 47.43 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 94 Resp: 140689
Ion Ratio Lower Upper
94 100
96 86.4 74.3 111.5

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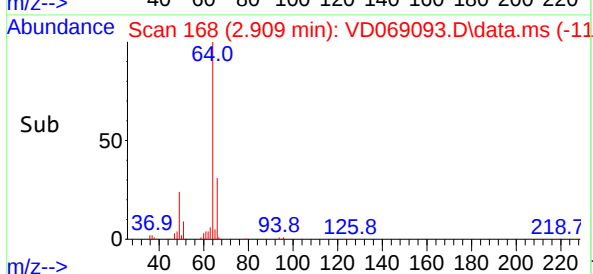
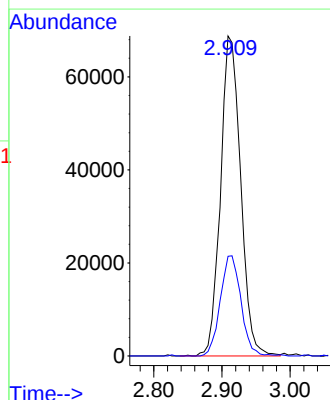
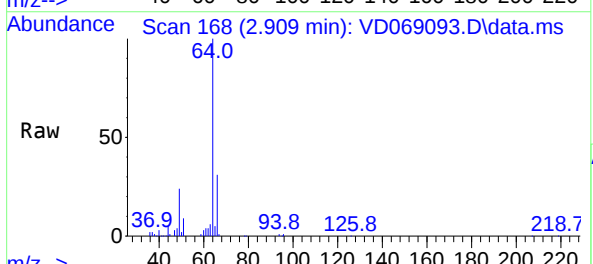
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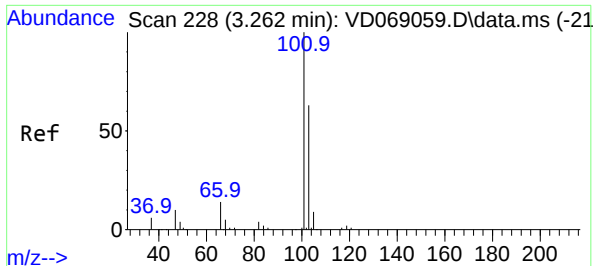
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#6
Chloroethane
Concen: 48.77 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

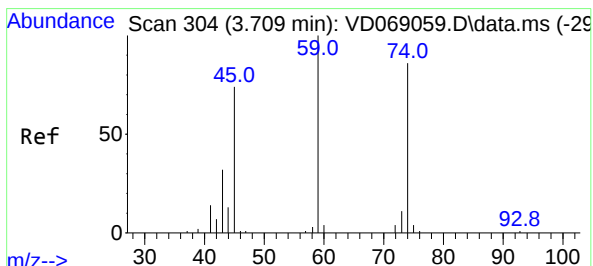
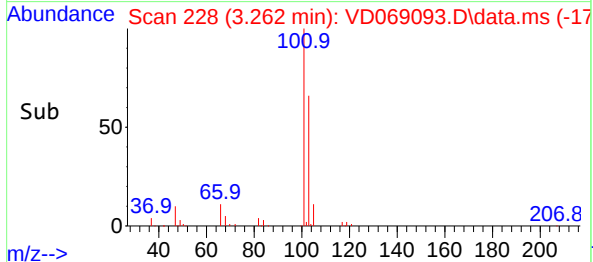
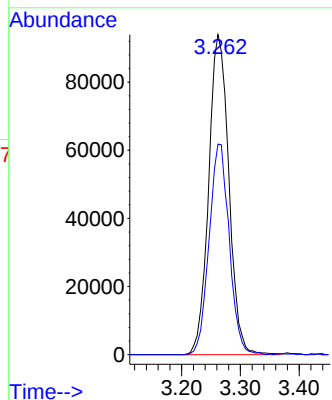
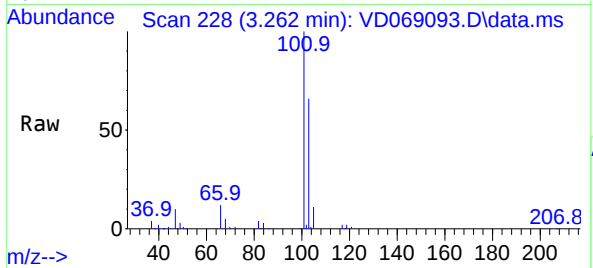
Tgt Ion: 64 Resp: 141373
Ion Ratio Lower Upper
64 100
66 31.1 24.7 37.1





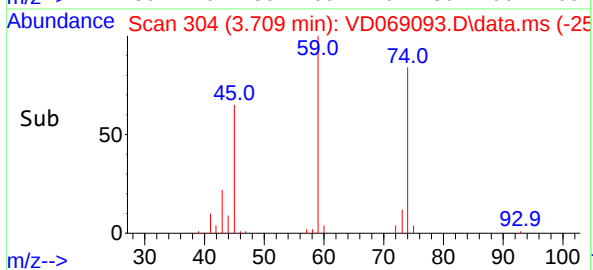
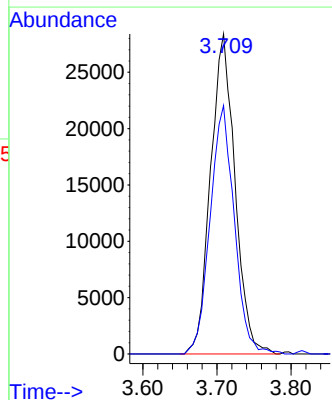
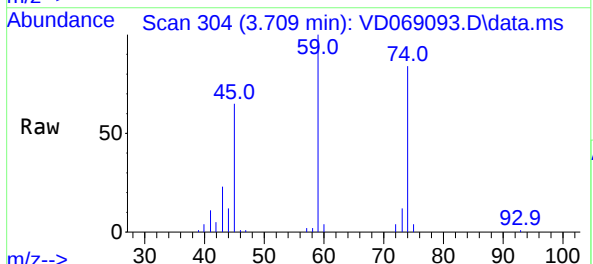
#7
Trichlorofluoromethane
Concen: 40.95 ug/l
RT: 3.262 min Scan# 228
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:101 Resp: 224160
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.2



#8
Diethyl Ether
Concen: 48.88 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

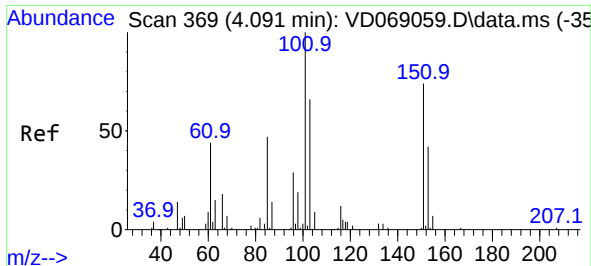
Tgt Ion: 74 Resp: 65003
Ion Ratio Lower Upper
74 100
45 76.8 42.9 128.5



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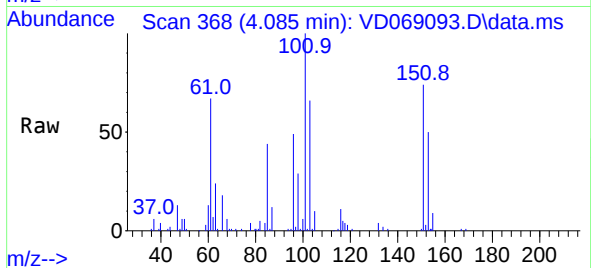
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.36 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD069093.D
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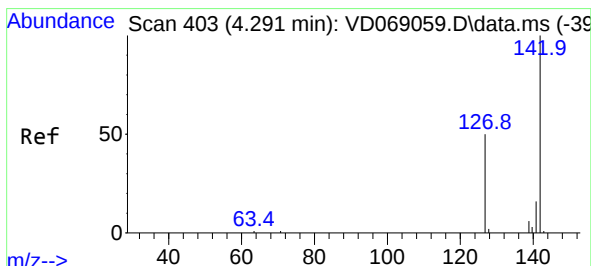
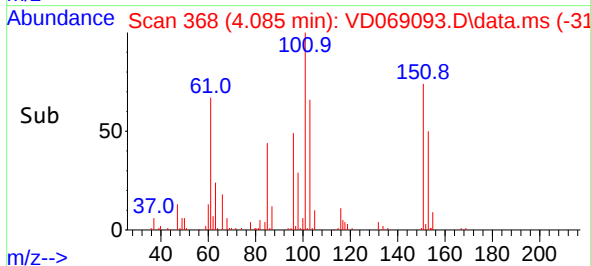
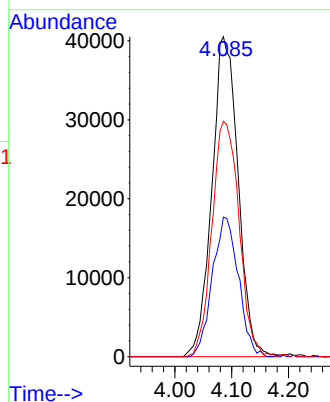
Instrument :
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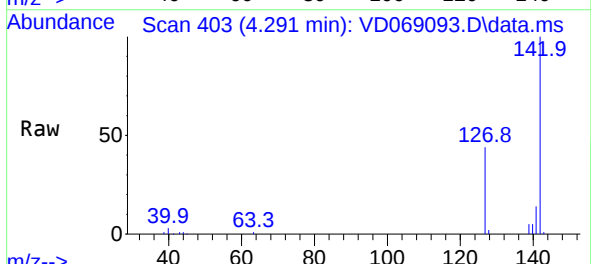
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Ion Ratio Lower Upper
101 100
85 43.3 38.1 57.1
151 75.8 57.9 86.9

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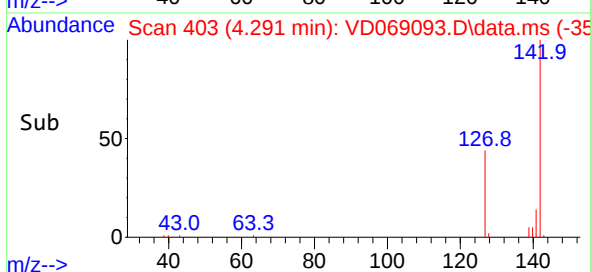
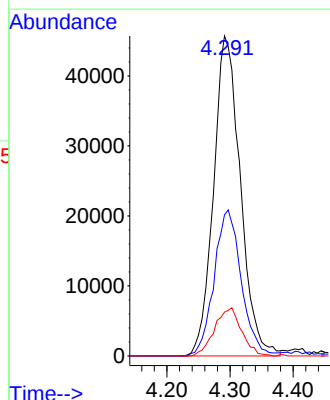
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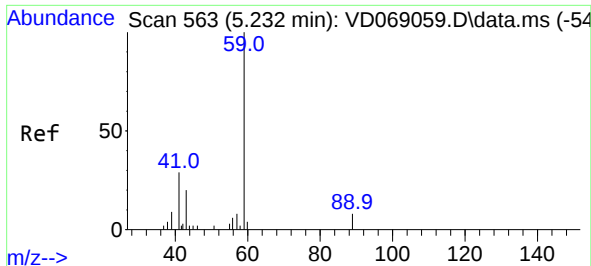


#10
Methyl Iodide
Concen: 50.92 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion:142 Resp: 134783
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 15.1 12.2 18.4





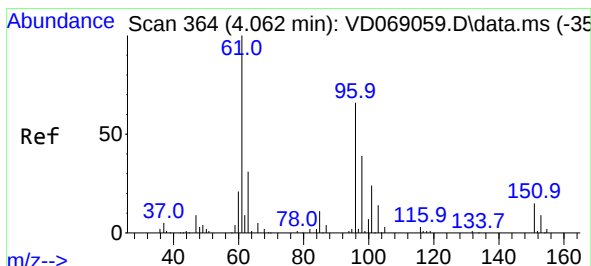
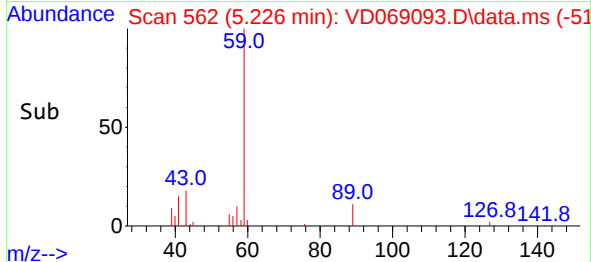
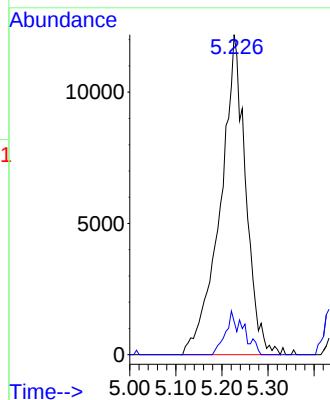
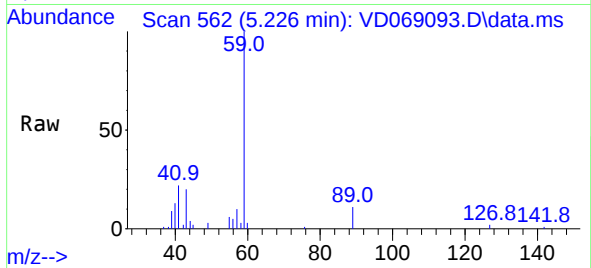
#11
Tert butyl alcohol
Concen: 221.93 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 59 Resp: 46756
Ion Ratio Lower Upper
59 100
57 5.5 5.3 7.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

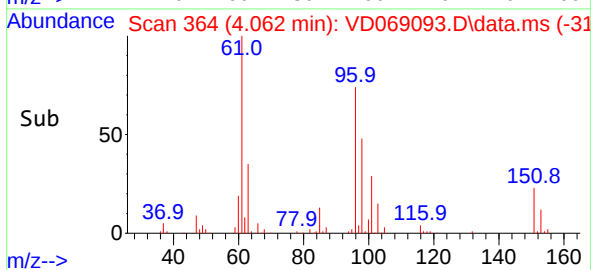
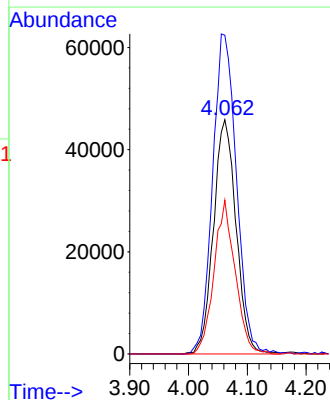
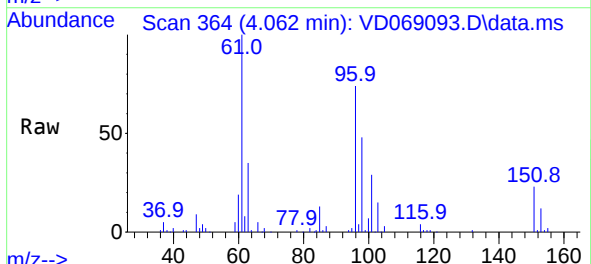
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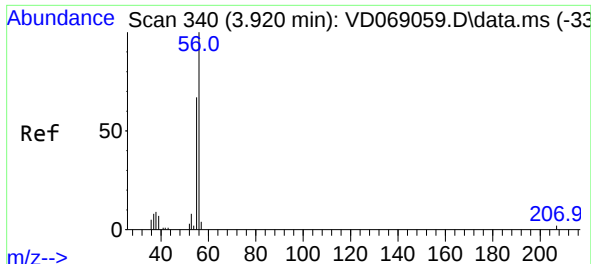
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#12
1,1-Dichloroethene
Concen: 46.51 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

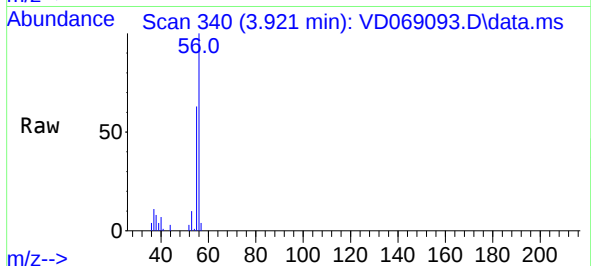
Tgt Ion: 96 Resp: 122753
Ion Ratio Lower Upper
96 100
61 136.0 121.8 182.8
98 65.6 47.3 70.9



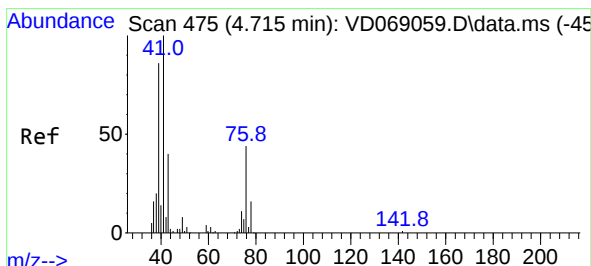
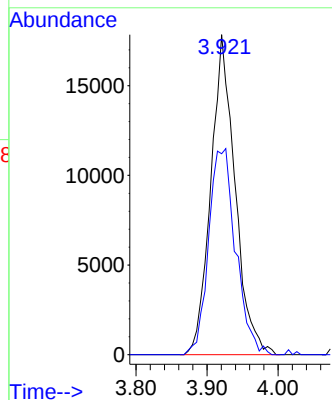
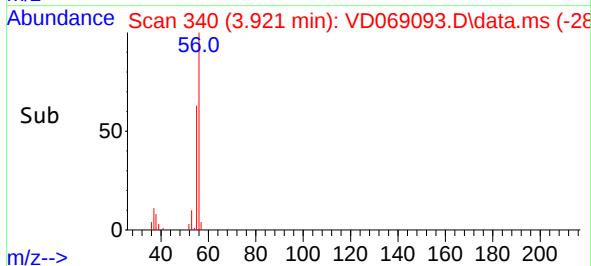


#13
Acrolein
Concen: 217.72 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

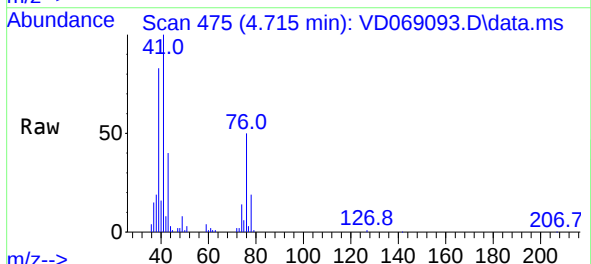
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



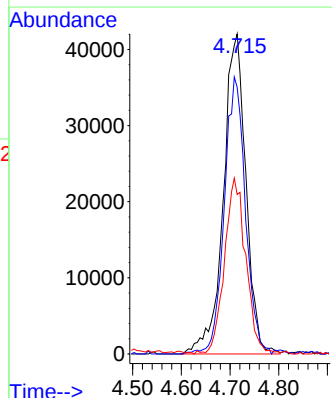
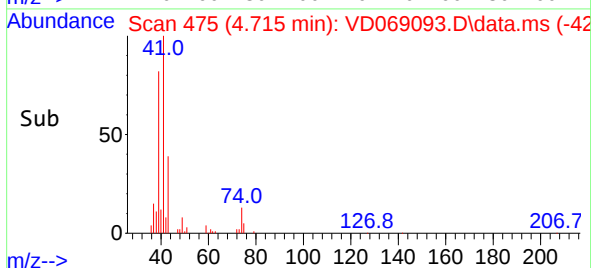
Tgt Ion: 56 Resp: 42350
Ion Ratio Lower Upper
56 100
55 71.8 56.0 84.0

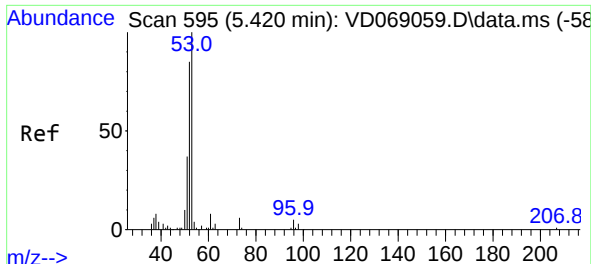


#14
Allyl chloride
Concen: 39.76 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 41 Resp: 135228
Ion Ratio Lower Upper
41 100
39 81.3 67.5 101.3
76 50.6 35.1 52.7



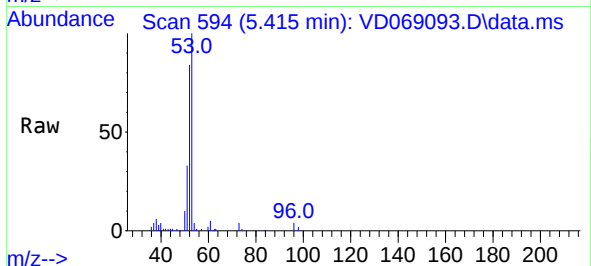


#15
Acrylonitrile
Concen: 231.63 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

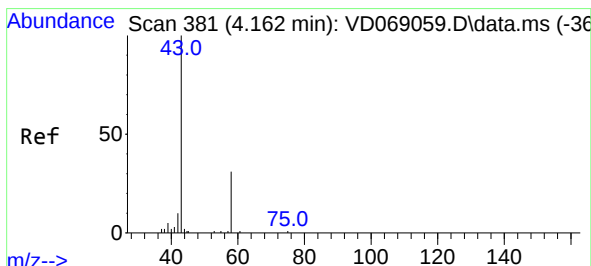
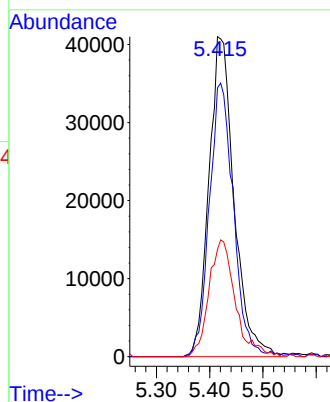
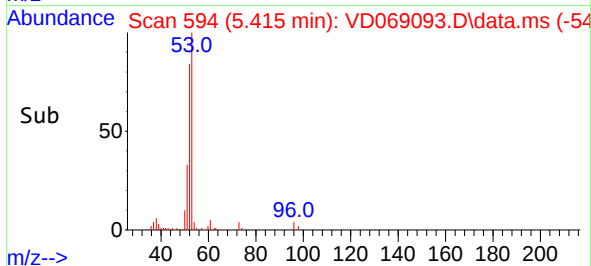
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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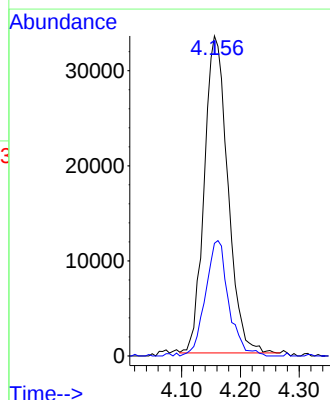
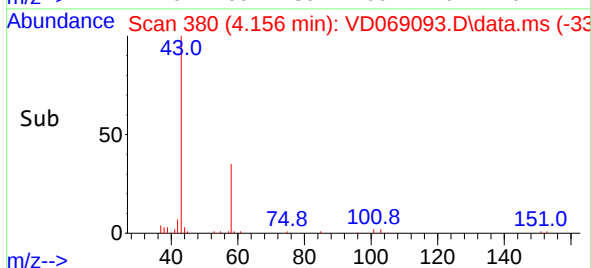
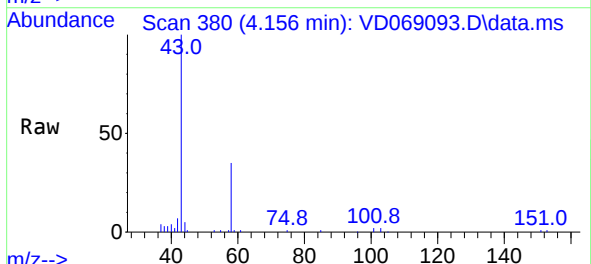


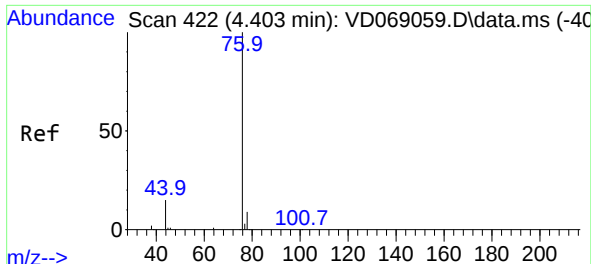
Tgt Ion: 53 Resp: 133896
Ion Ratio Lower Upper
53 100
52 81.9 66.0 99.0
51 38.3 30.6 45.8



#16
Acetone
Concen: 198.34 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

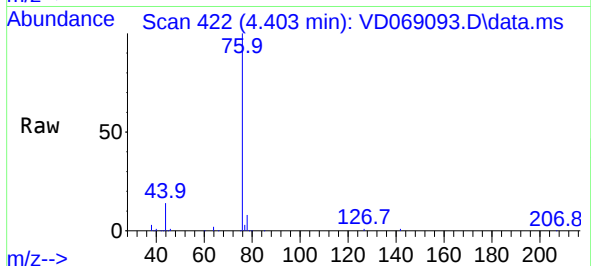
Tgt Ion: 43 Resp: 92737
Ion Ratio Lower Upper
43 100
58 35.6 24.5 36.7





#17
Carbon Disulfide
Concen: 42.44 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

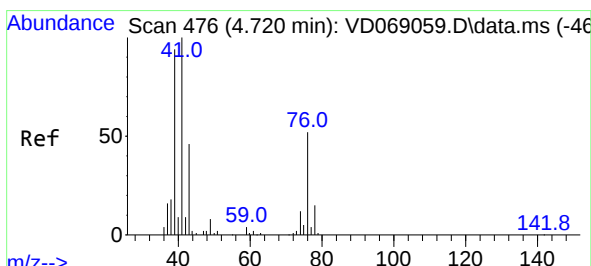
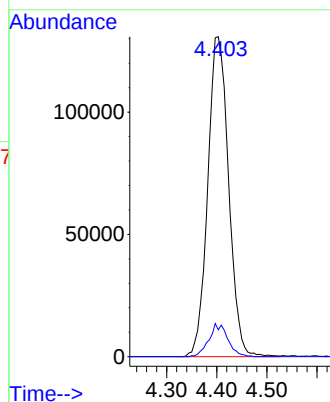
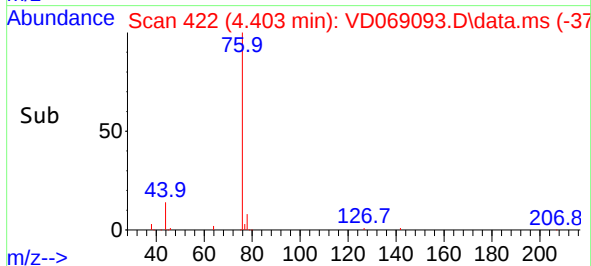
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ClientSampleId :
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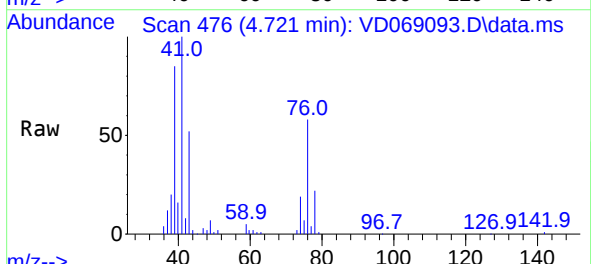
Tgt Ion: 76 Resp: 378676
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

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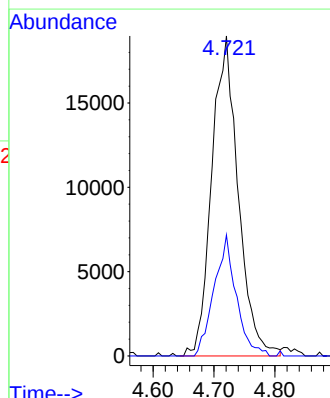
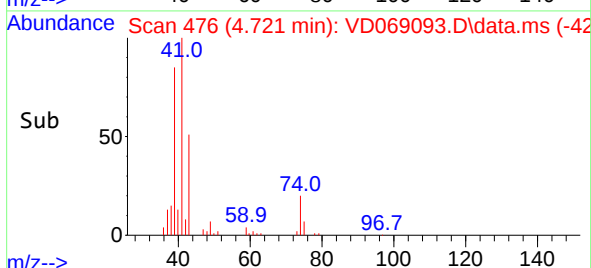
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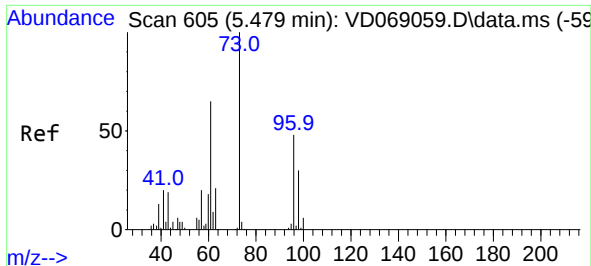


#18
Methyl Acetate
Concen: 45.20 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 43 Resp: 57141
Ion Ratio Lower Upper
43 100
74 31.7 23.3 34.9





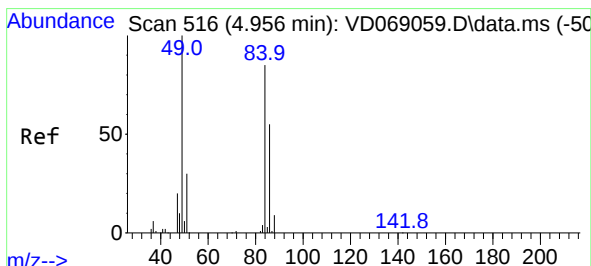
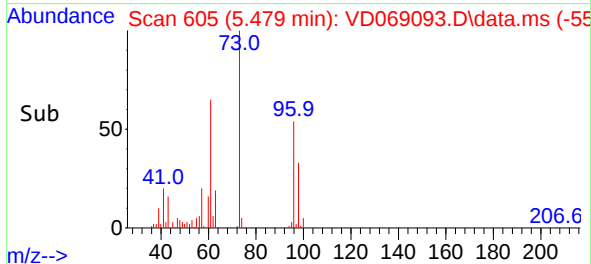
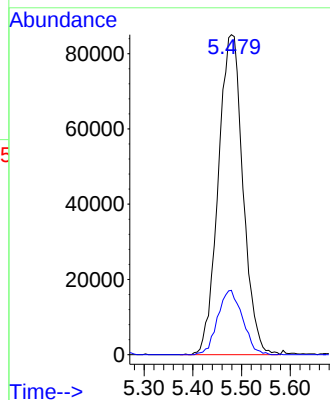
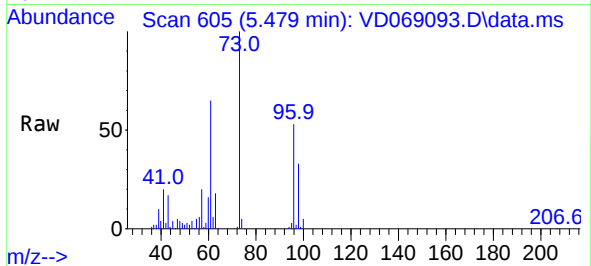
#19
Methyl tert-butyl Ether
Concen: 49.77 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 73 Resp: 300257
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

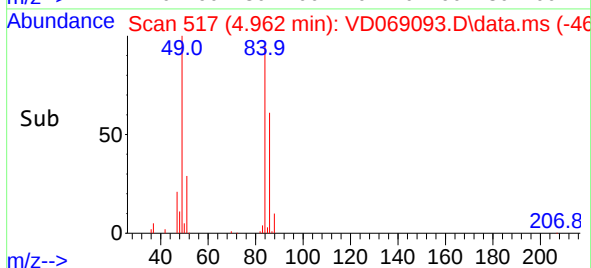
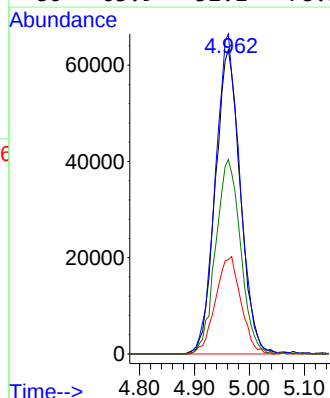
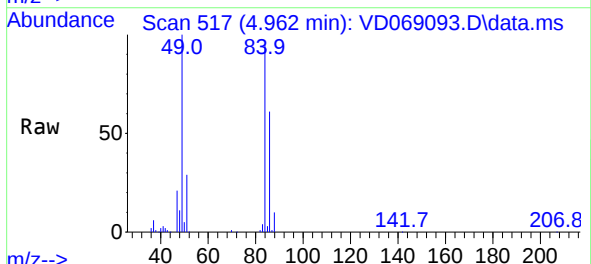
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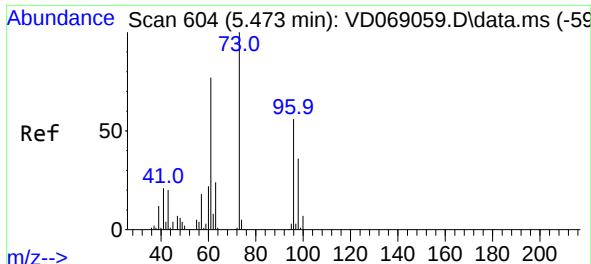
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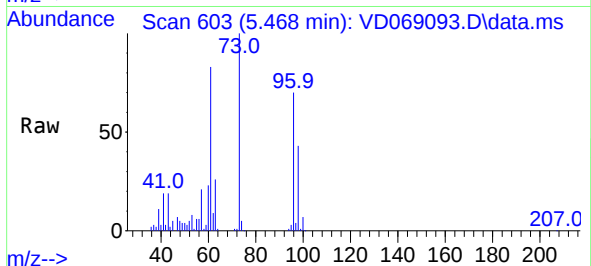
#20
Methylene Chloride
Concen: 64.67 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 84 Resp: 199399
Ion Ratio Lower Upper
84 100
49 105.2 93.9 140.9
51 31.0 27.9 41.9
86 63.9 52.1 78.1

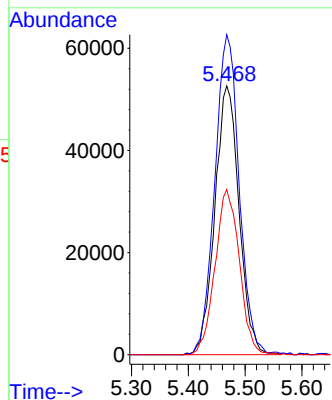




#21
trans-1,2-Dichloroethene
Concen: 49.70 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



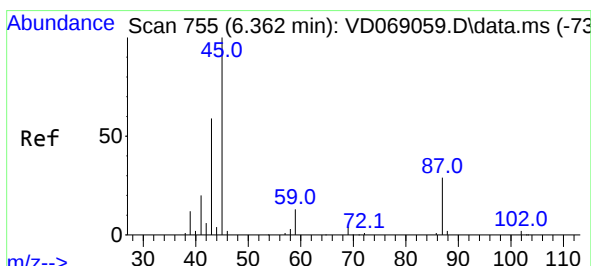
Tgt Ion: 96 Resp: 155865
Ion Ratio Lower Upper
96 100
61 119.1 109.0 163.4
98 61.4 51.2 76.8



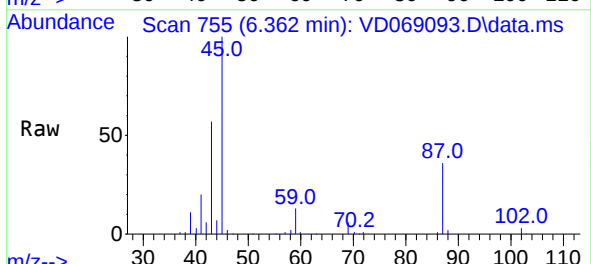
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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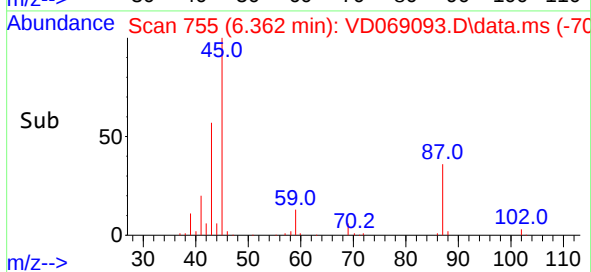
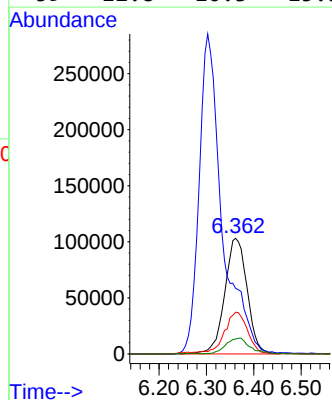
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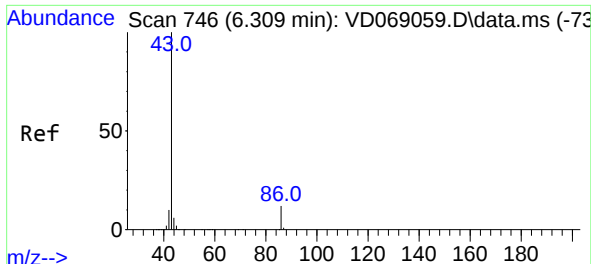


#22
Diisopropyl ether
Concen: 44.60 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 45 Resp: 338592
Ion Ratio Lower Upper
45 100
43 55.6 48.0 72.0
87 35.8 23.6 35.4#
59 12.8 10.3 15.5





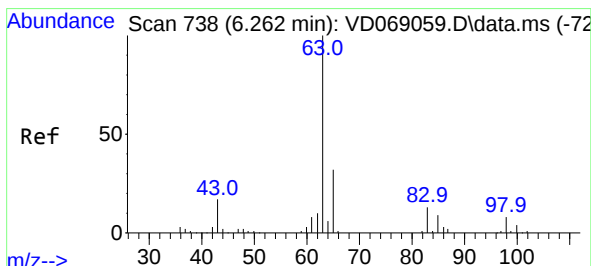
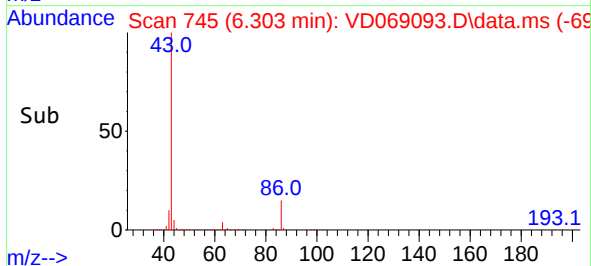
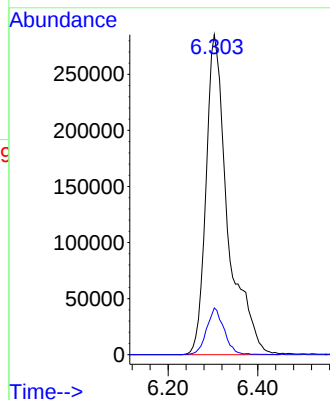
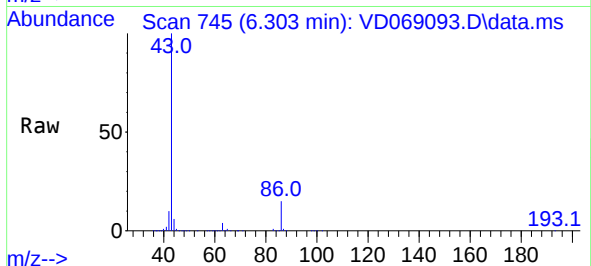
#23
 Vinyl Acetate
 Concen: 222.38 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069093.D
 Acq: 06 May 2021 23:48

Tgt Ion: 43 Resp: 965184
 Ion Ratio Lower Upper
 43 100
 86 14.6 9.6 14.4#

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

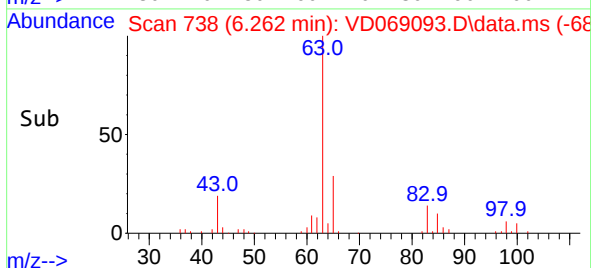
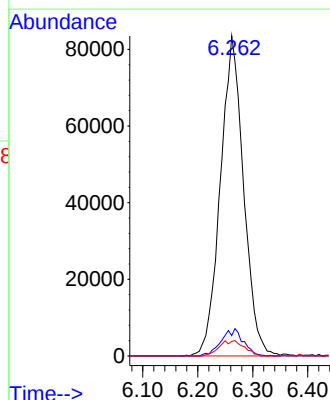
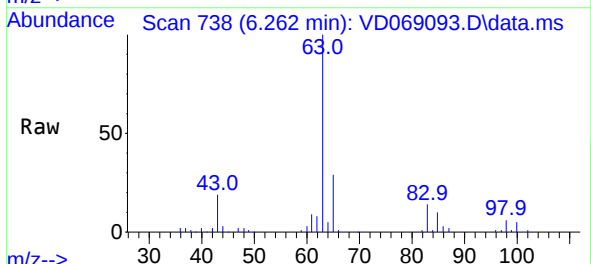
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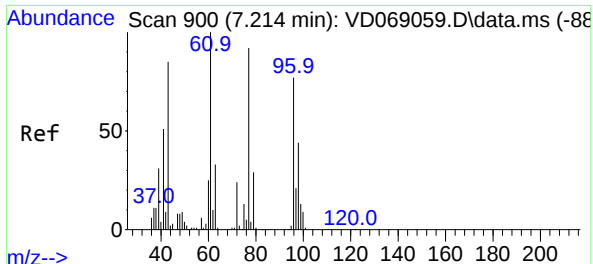
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#24
 1,1-Dichloroethane
 Concen: 45.73 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069093.D
 Acq: 06 May 2021 23:48

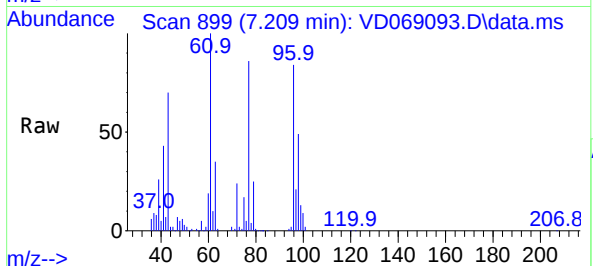
Tgt Ion: 63 Resp: 245179
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 207.65 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

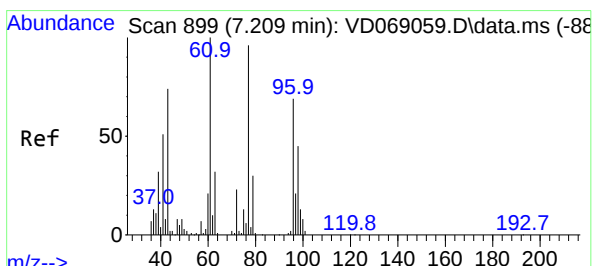
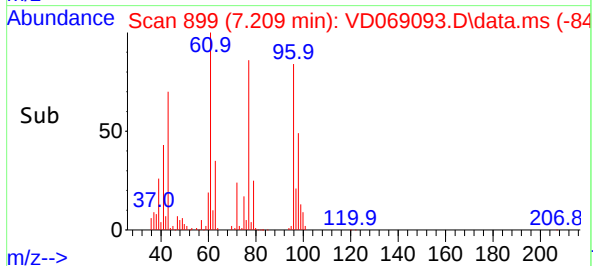
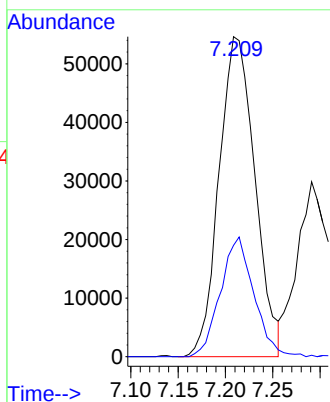
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



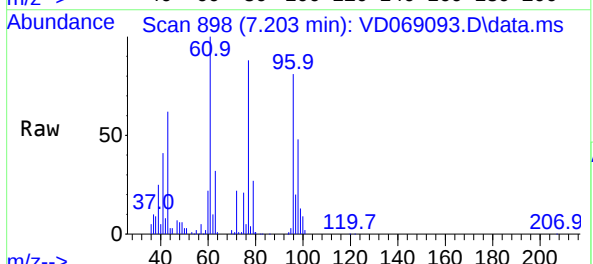
Tgt Ion: 43 Resp: 144094
Ion Ratio Lower Upper
43 100
72 34.8 23.0 34.4#

Manual Integrations
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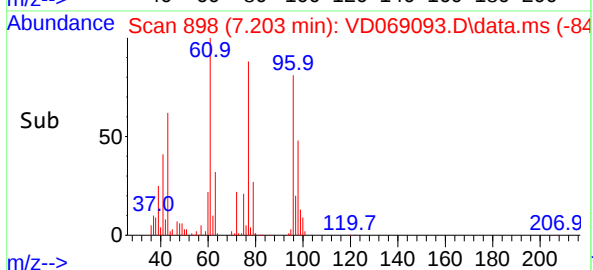
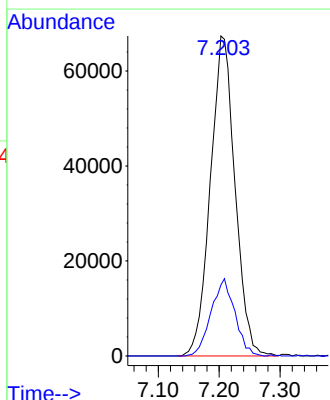
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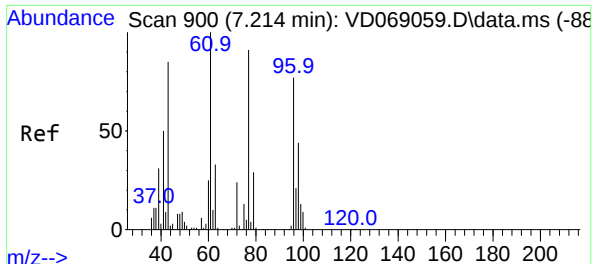


#26
2,2-Dichloropropane
Concen: 37.77 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 77 Resp: 189152
Ion Ratio Lower Upper
77 100
97 23.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.37 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069093.D

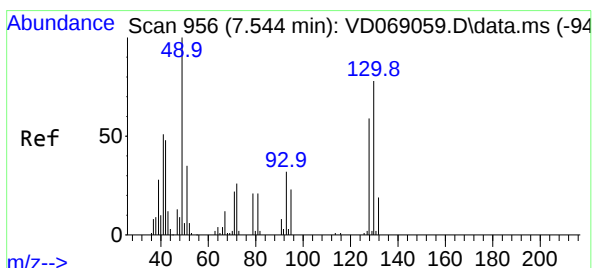
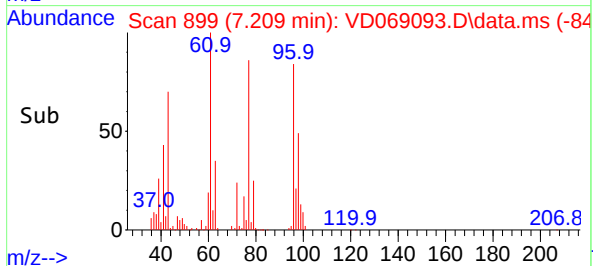
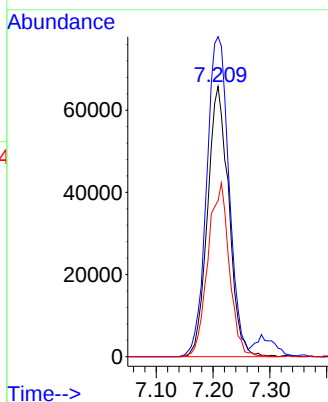
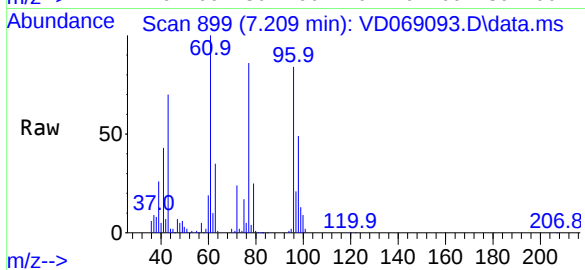
Acq: 06 May 2021 23:48

Tgt Ion:	96	Resp:	170471
Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	278.0
98	64.6	0.0	126.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 45.36 ug/l

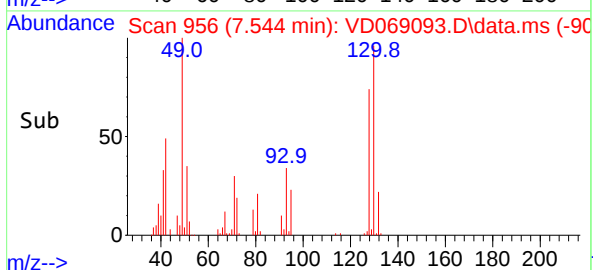
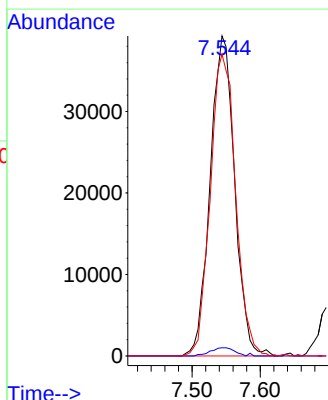
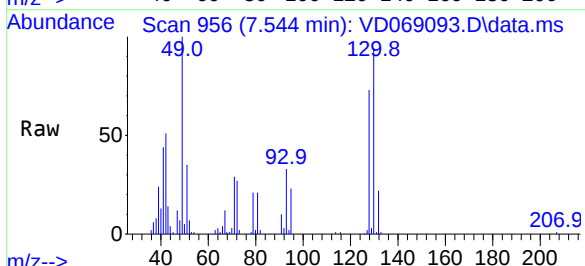
RT: 7.544 min Scan# 956

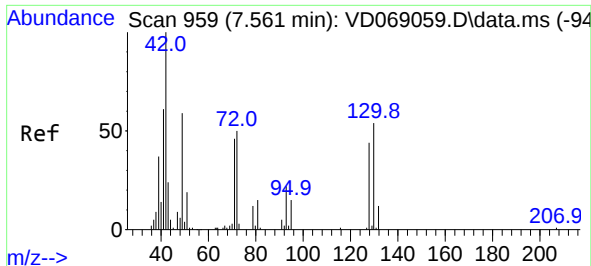
Delta R.T. 0.000 min

Lab File: VD069093.D

Acq: 06 May 2021 23:48

Tgt Ion:	49	Resp:	98177
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	97.4	64.9	97.3





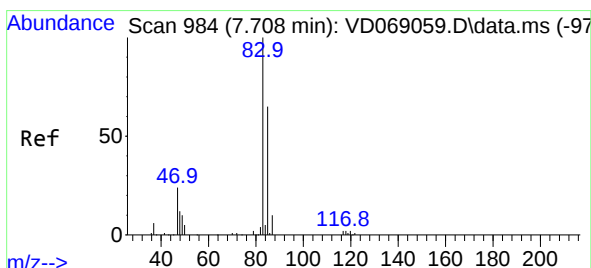
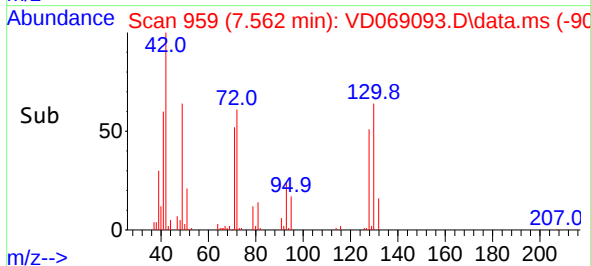
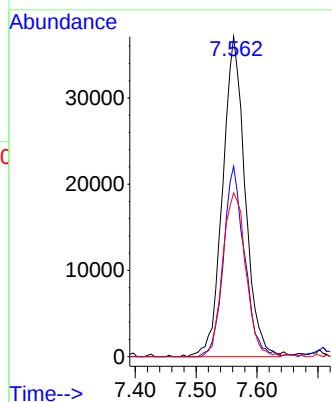
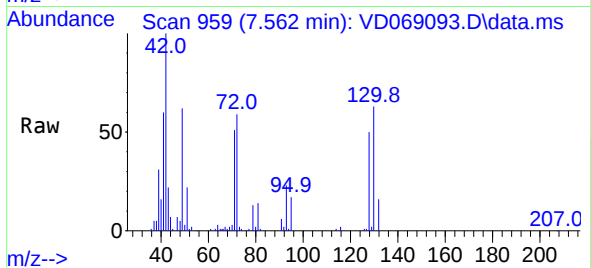
#29
Tetrahydrofuran
Concen: 222.61 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:	42	Resp:	95027
Ion	Ratio	Lower	Upper
42	100		
72	56.0	39.4	59.0
71	53.0	38.4	57.6

Instrument :
MSVOA_D
ClientSampleId :
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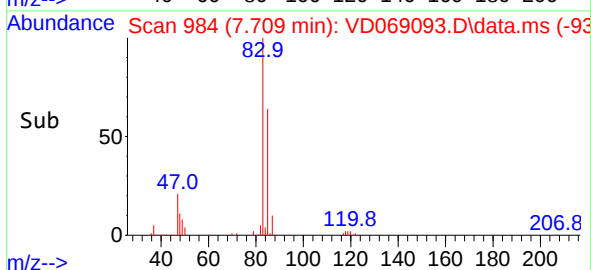
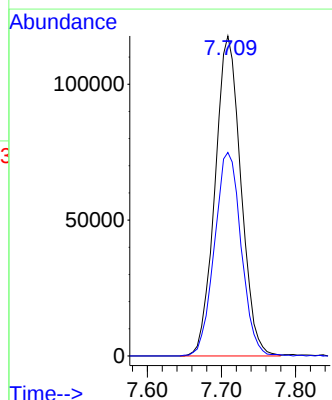
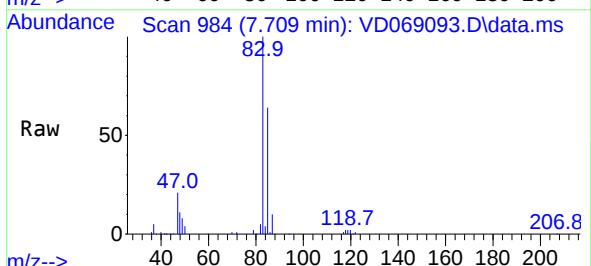
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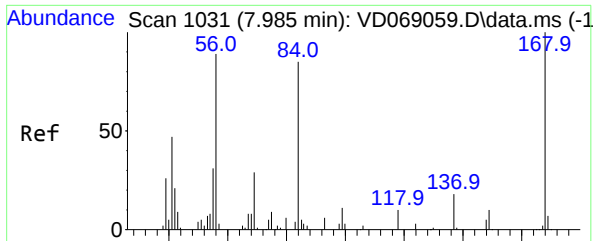
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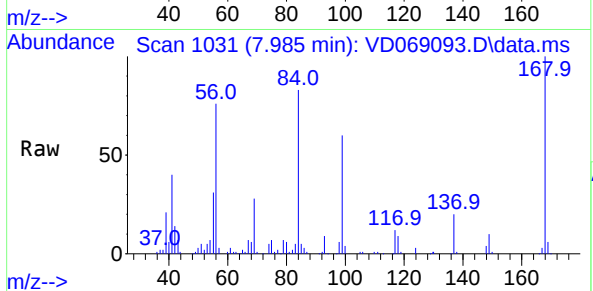
#30
Chloroform
Concen: 47.64 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:	83	Resp:	285687
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.4	78.6

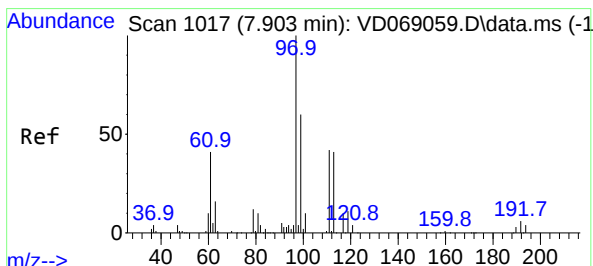
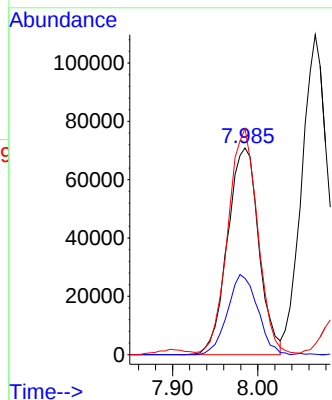
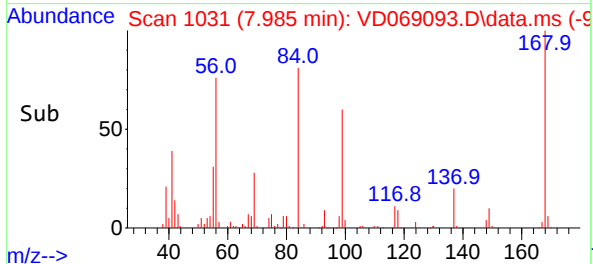




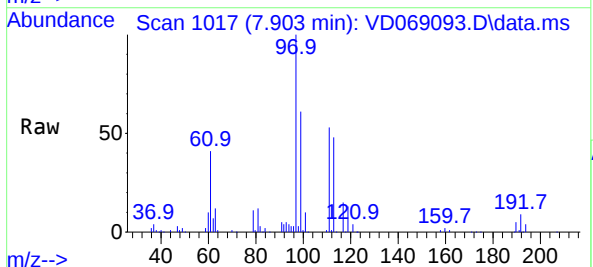
#31
Cyclohexane
Concen: 38.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



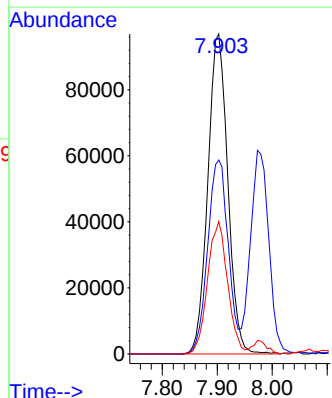
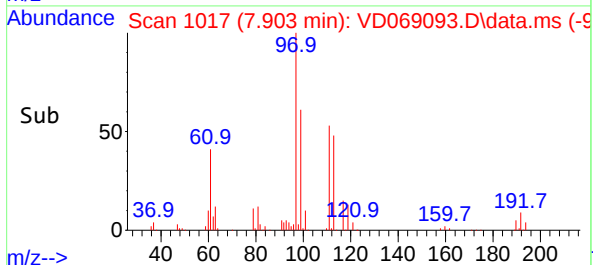
Tgt Ion: 56 Resp: 180848
Ion Ratio Lower Upper
56 100
69 36.9 26.3 39.5
84 106.6 75.9 113.9



#32
1,1,1-Trichloroethane
Concen: 44.65 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



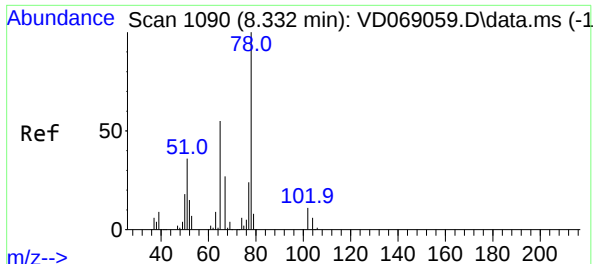
Tgt Ion: 97 Resp: 244550
Ion Ratio Lower Upper
97 100
99 62.1 51.1 76.7
61 41.5 34.6 52.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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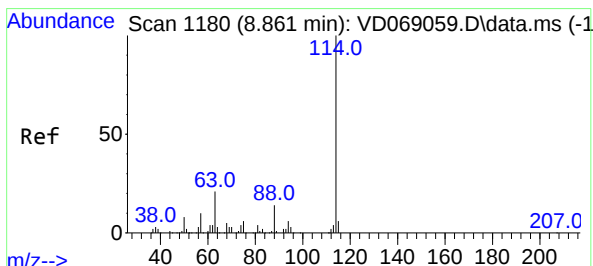
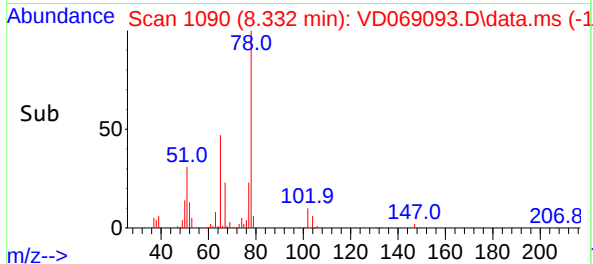
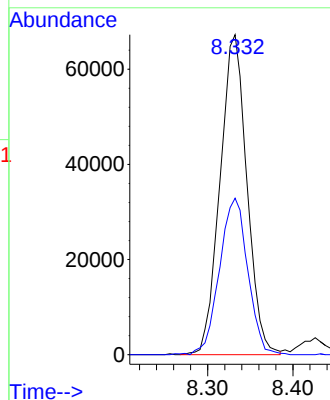
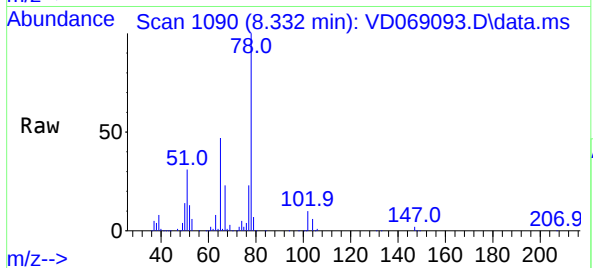
#33
1,2-Dichloroethane-d4
Concen: 45.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 65 Resp: 147350
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

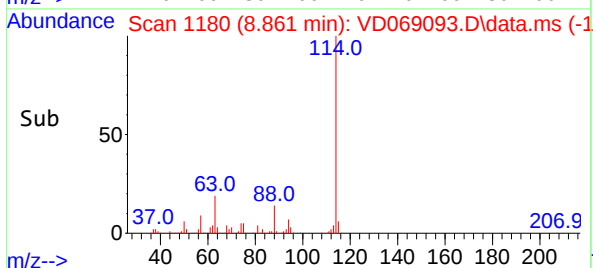
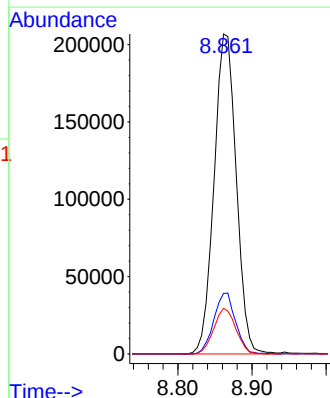
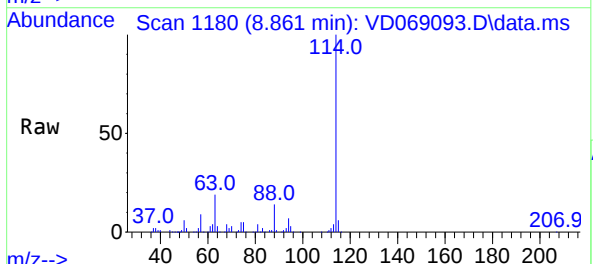
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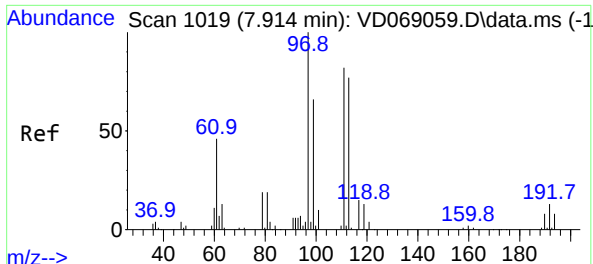
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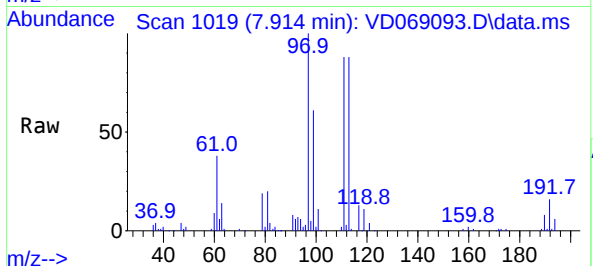
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 114 Resp: 430093
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.4
88 14.2 0.0 27.8

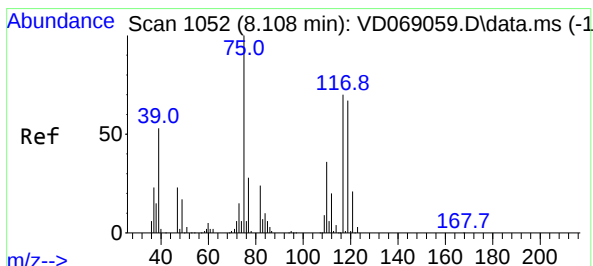
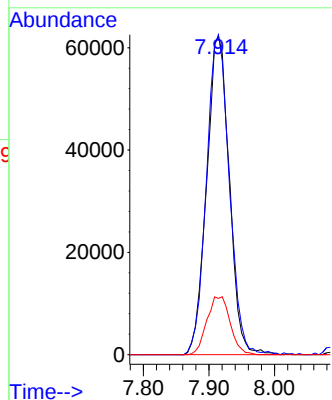
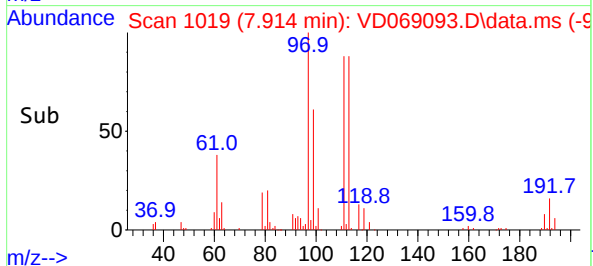




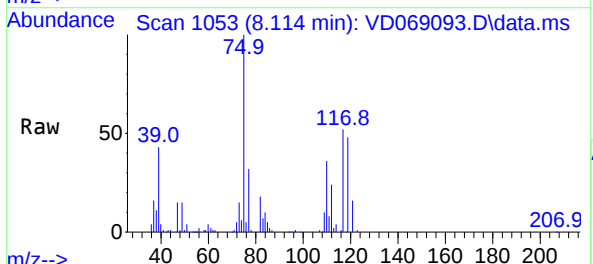
#35
Dibromofluoromethane
Concen: 50.68 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



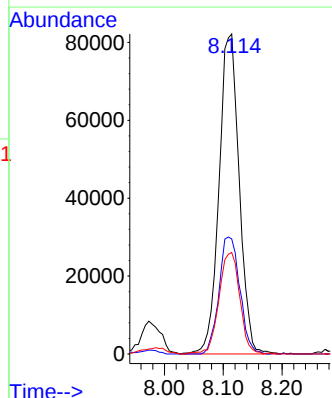
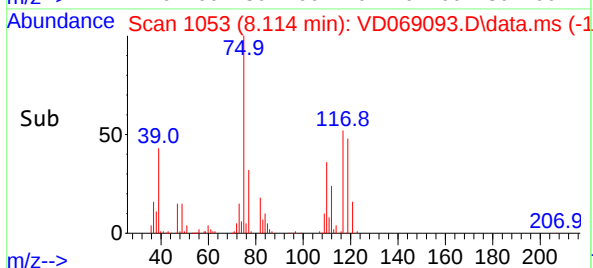
Tgt Ion: 113 Resp: 149465
Ion Ratio Lower Upper
113 100
111 101.4 84.6 126.8
192 18.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 43.43 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



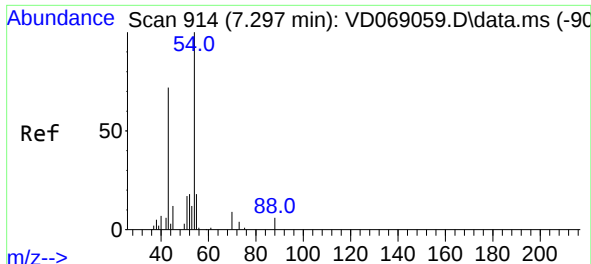
Tgt Ion: 75 Resp: 196545
Ion Ratio Lower Upper
75 100
110 37.7 17.3 51.7
77 32.6 23.9 35.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#37

Ethyl Acetate

Concen: 42.93 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD069093.D

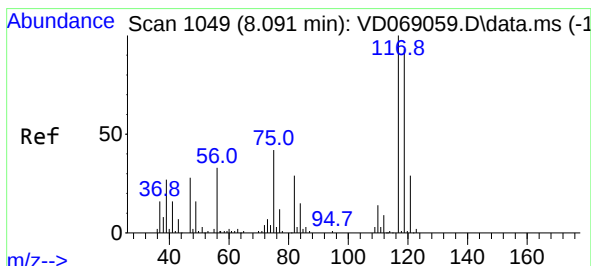
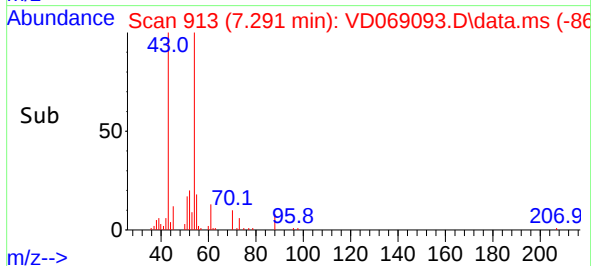
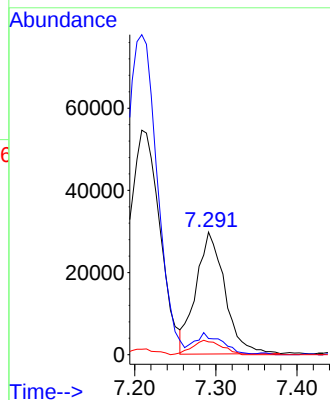
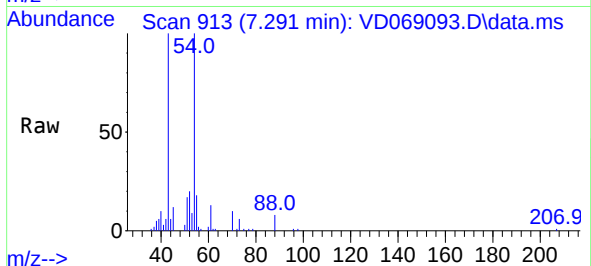
Acq: 06 May 2021 23:48

Tgt Ion:	43	Resp:	73233
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.0	16.4
70	12.0	8.5	12.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 43.88 ug/l

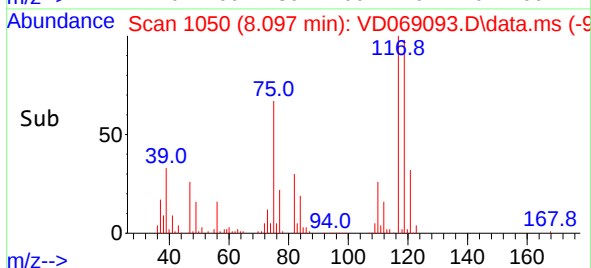
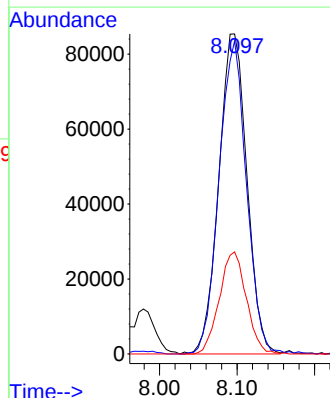
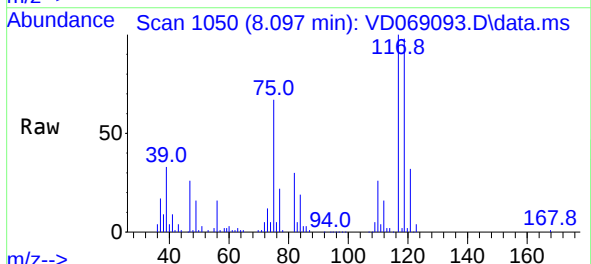
RT: 8.097 min Scan# 1050

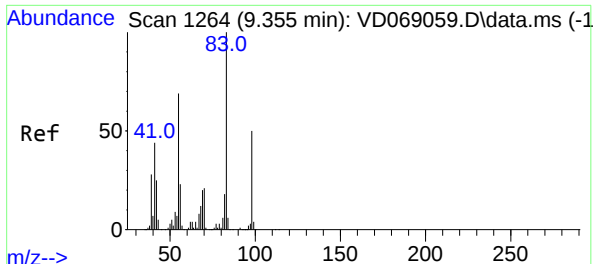
Delta R.T. 0.006 min

Lab File: VD069093.D

Acq: 06 May 2021 23:48

Tgt Ion:	117	Resp:	215354
Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.7	112.1
121	31.9	23.1	34.7





#39
Methylcyclohexane
Concen: 45.31 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

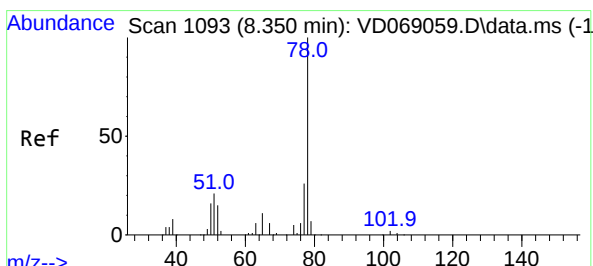
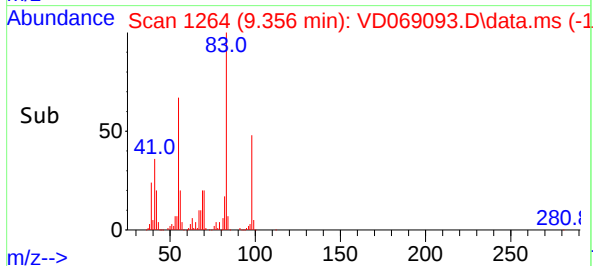
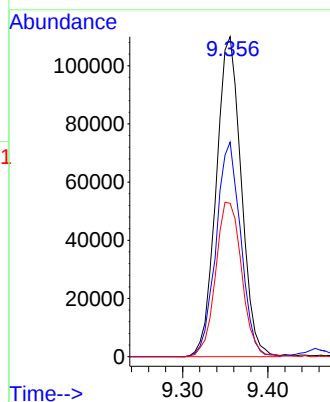
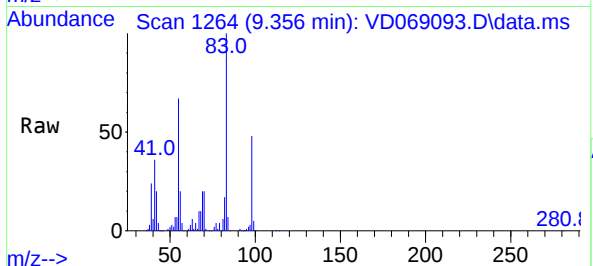
Tgt Ion: 83 Resp: 224197

Ion	Ratio	Lower	Upper
83	100		
55	67.0	55.6	83.4
98	48.0	39.8	59.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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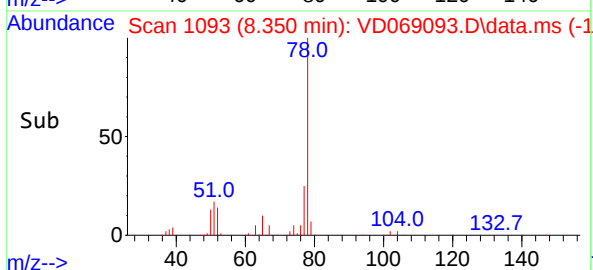
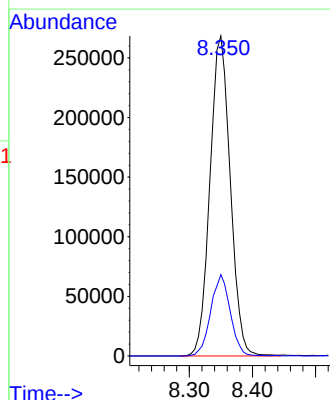
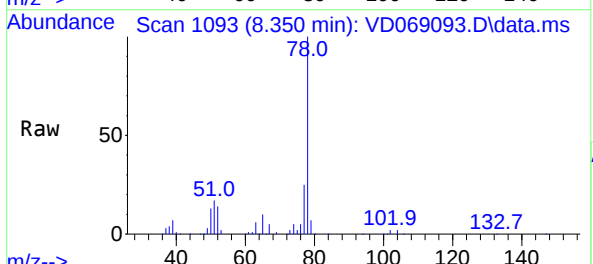
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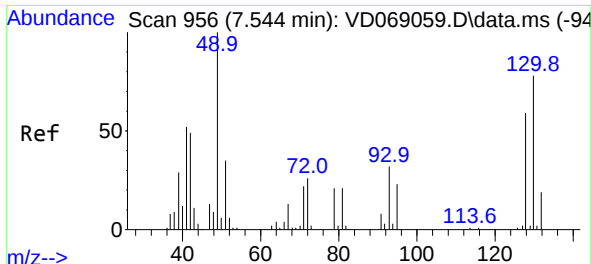


#40
Benzene
Concen: 47.92 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

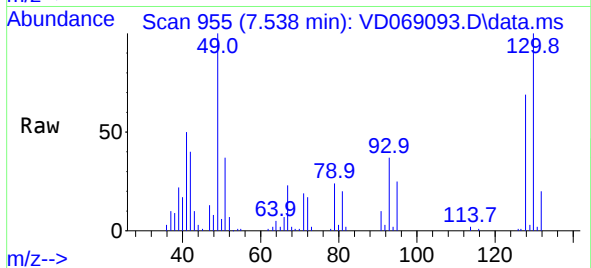
Tgt Ion: 78 Resp: 599958

Ion	Ratio	Lower	Upper
78	100		
77	25.4	20.5	30.7



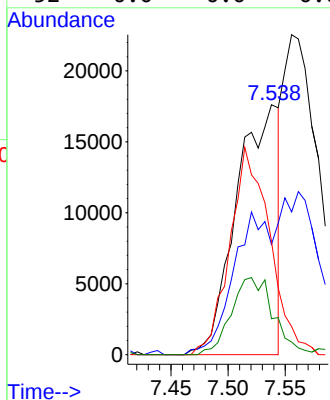


#41
Methacrylonitrile
Concen: 46.19 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 41 Resp: 45688

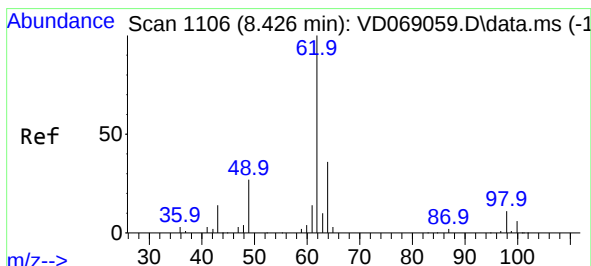
Ion	Ratio	Lower	Upper
41	100		
39	62.4	55.4	83.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0



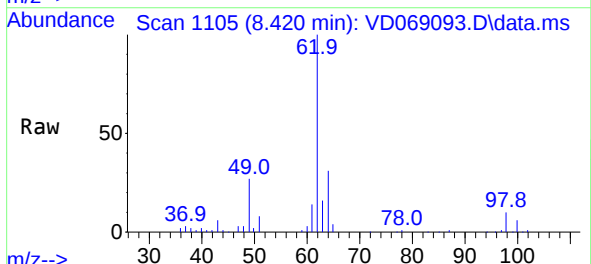
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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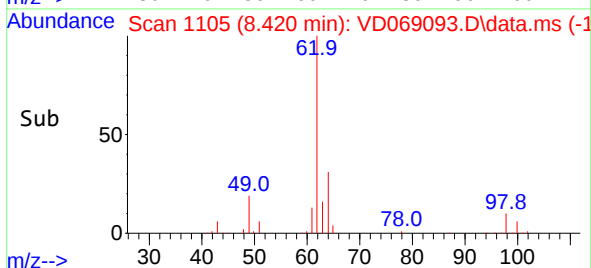
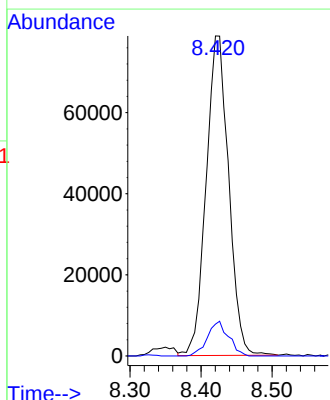


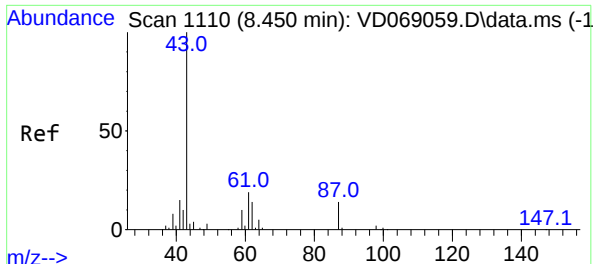
#42
1,2-Dichloroethane
Concen: 44.34 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 62 Resp: 173557

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.2





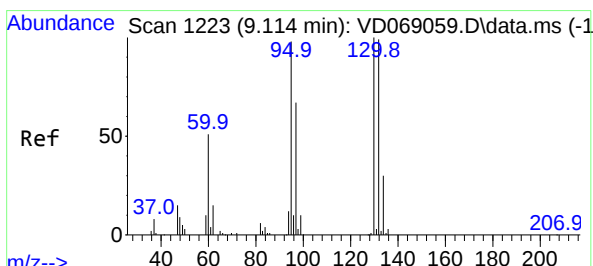
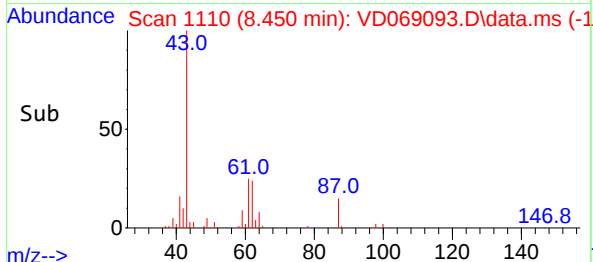
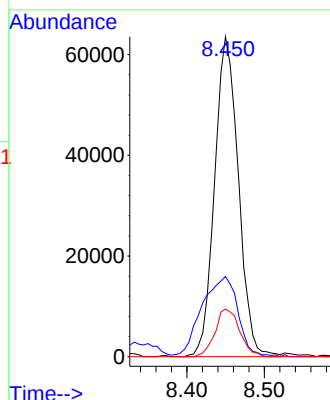
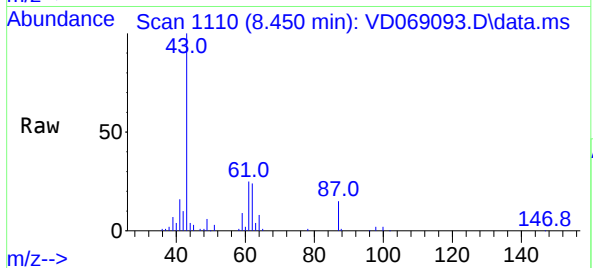
#43
Isopropyl Acetate
Concen: 42.36 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 43 Resp: 135489
Ion Ratio Lower Upper
43 100
61 38.0 26.1 39.1
87 15.4 11.7 17.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

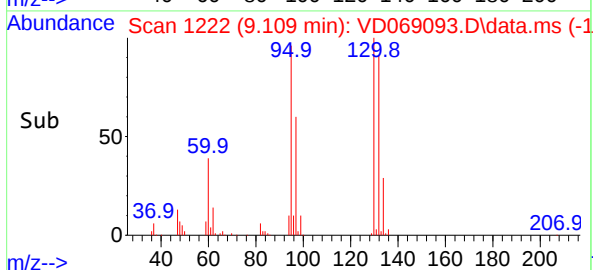
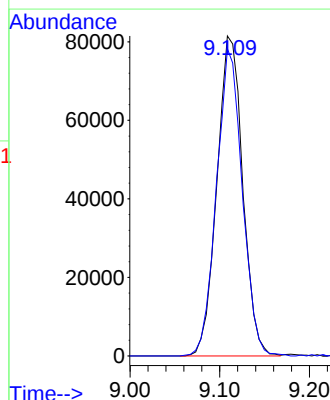
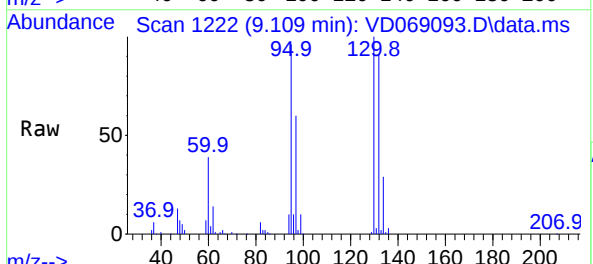
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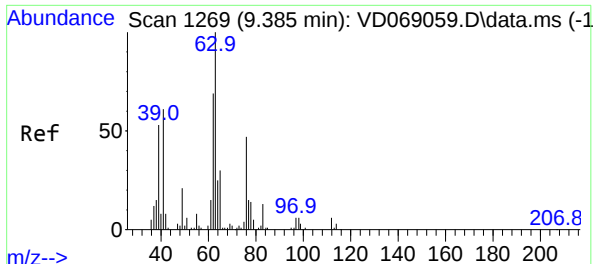
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#44
Trichloroethene
Concen: 48.83 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

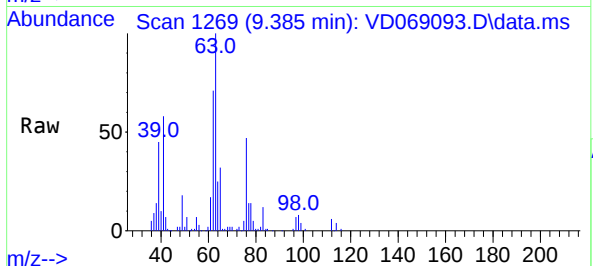
Tgt Ion:130 Resp: 162526
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.2



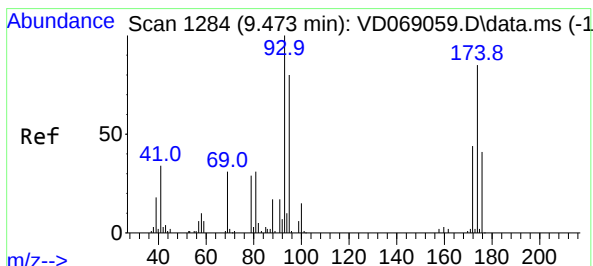
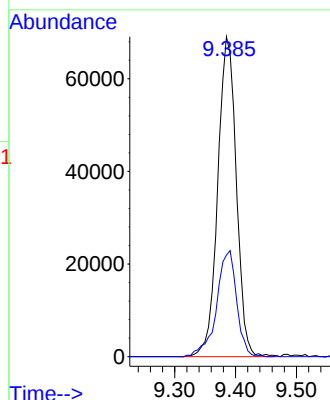
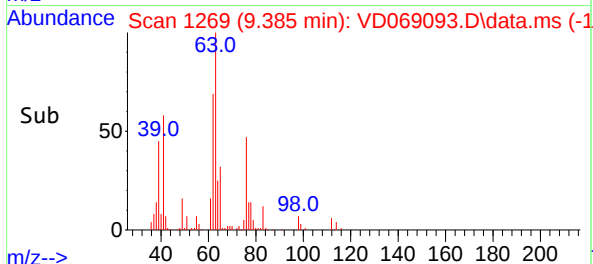


#45
1,2-Dichloropropane
Concen: 47.52 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

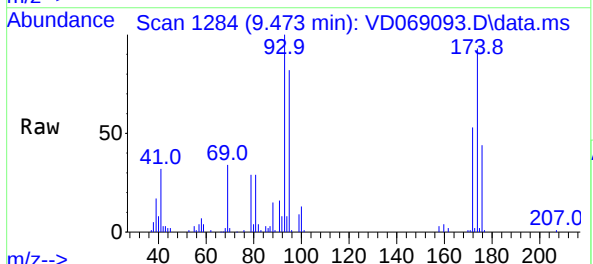
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



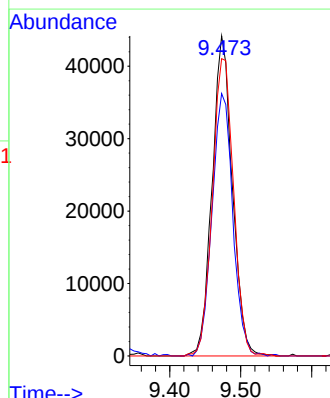
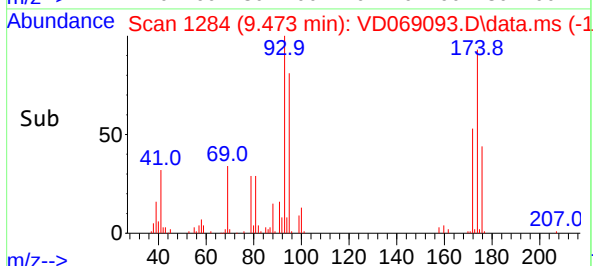
Tgt Ion: 63 Resp: 146503
Ion Ratio Lower Upper
63 100
65 31.7 24.2 36.2

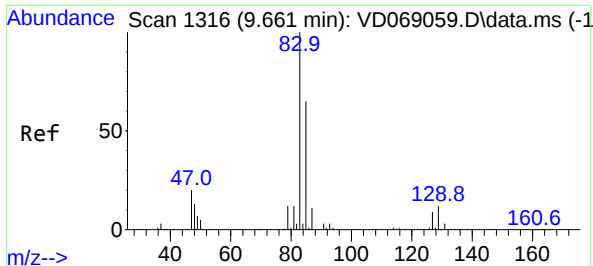


#46
Dibromomethane
Concen: 49.33 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



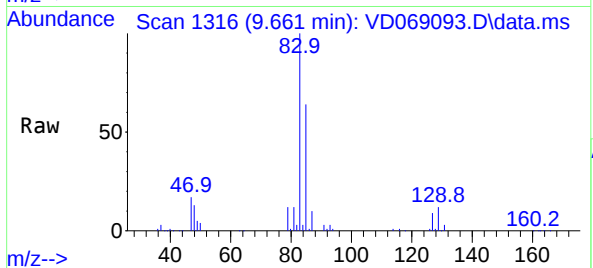
Tgt Ion: 93 Resp: 87416
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.2
174 97.0 68.9 103.3





#47
Bromodichloromethane
Concen: 47.86 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

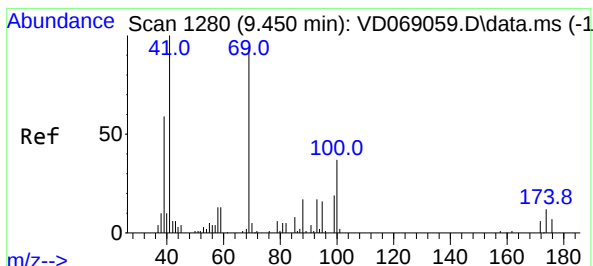
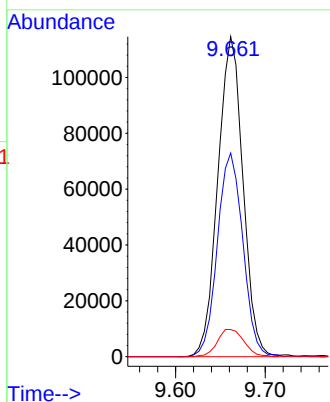
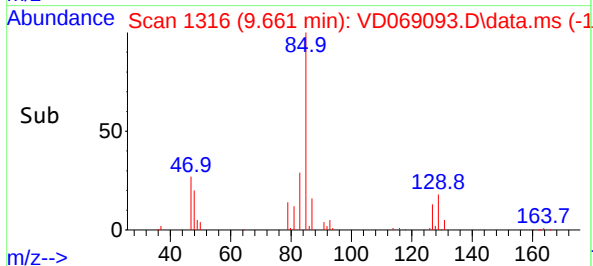
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



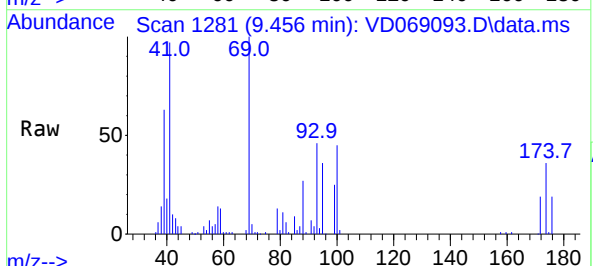
Tgt Ion: 83 Resp: 222955
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 8.5 7.0 10.4

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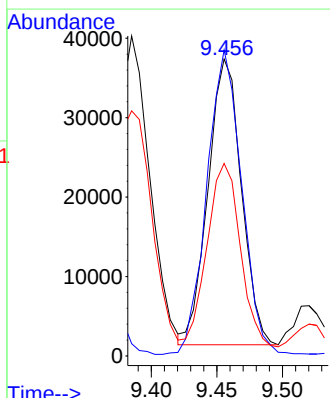
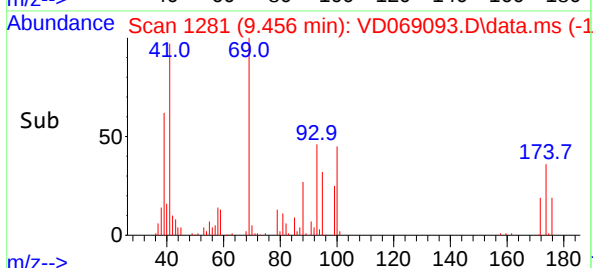
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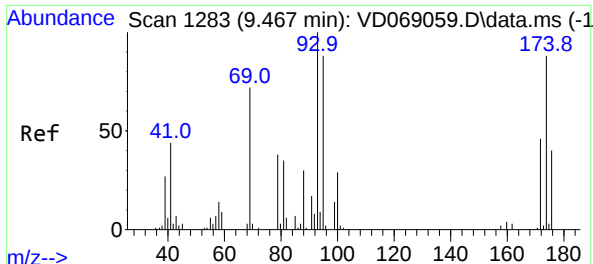


#48
Methyl methacrylate
Concen: 40.37 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

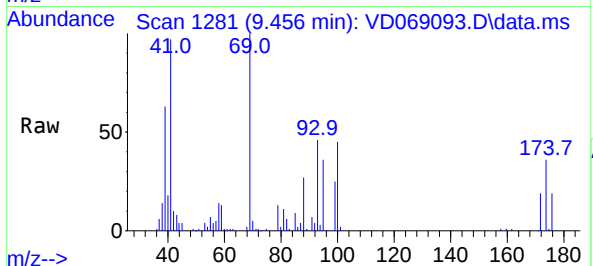


Tgt Ion: 41 Resp: 63661
Ion Ratio Lower Upper
41 100
69 113.3 73.9 110.9#
39 71.1 51.0 76.4

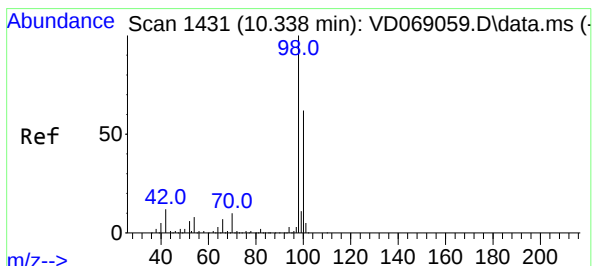
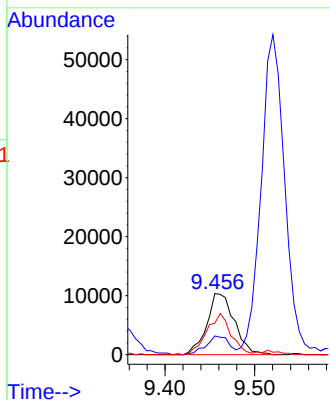
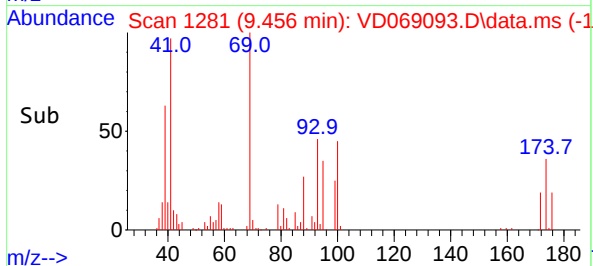




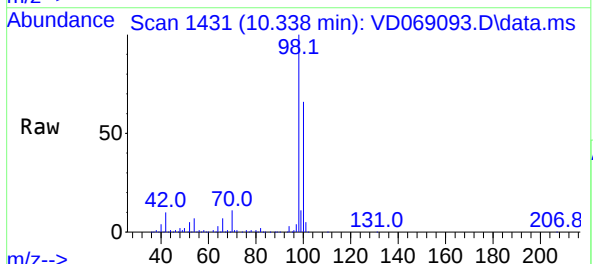
#49
1,4-Dioxane
Concen: 1077.15 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



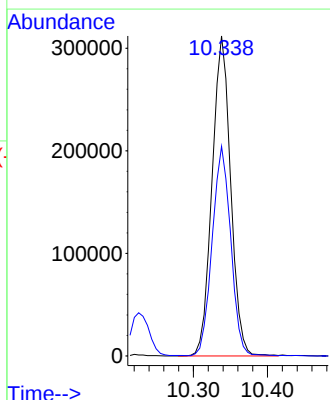
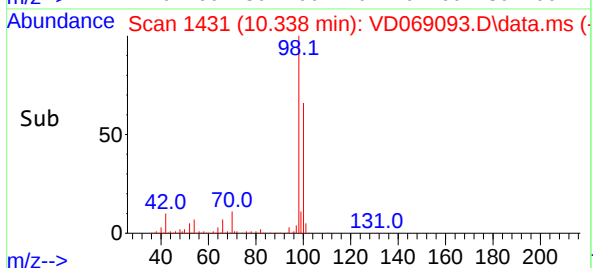
Tgt Ion: 88 Resp: 22069
Ion Ratio Lower Upper
88 100
43 25.7 32.0 48.0#
58 58.9 52.4 78.6



#50
Toluene-d8
Concen: 49.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



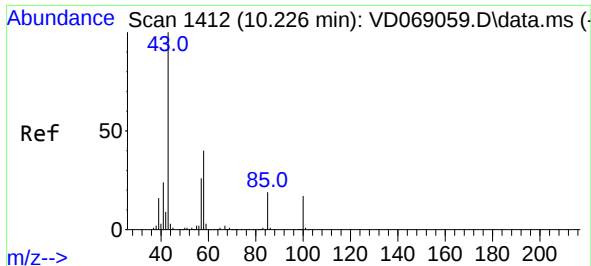
Tgt Ion: 98 Resp: 543443
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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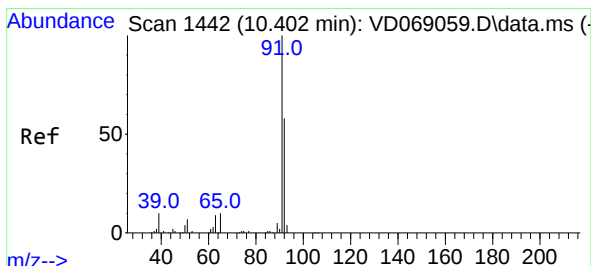
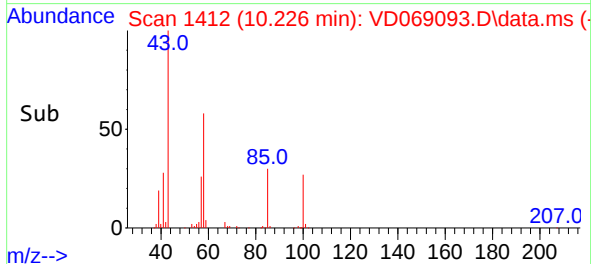
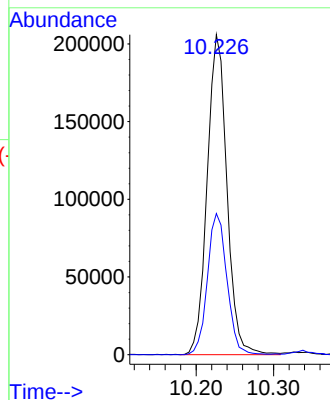
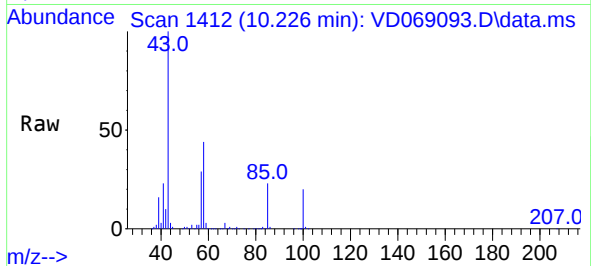
#51
4-Methyl-2-Pentanone
Concen: 222.59 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 43 Resp: 364472
Ion Ratio Lower Upper
43 100
58 43.6 32.7 49.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

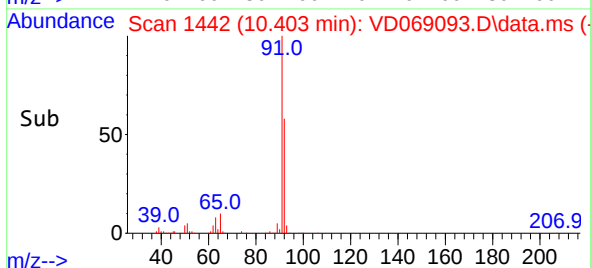
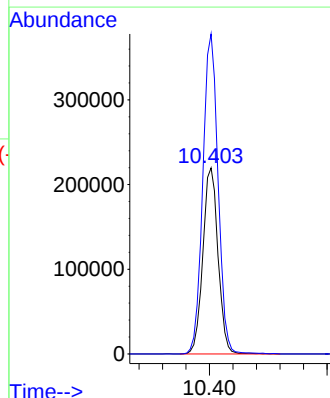
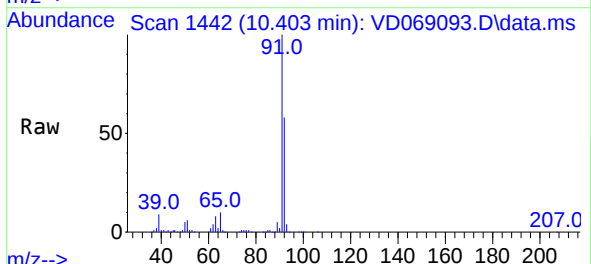
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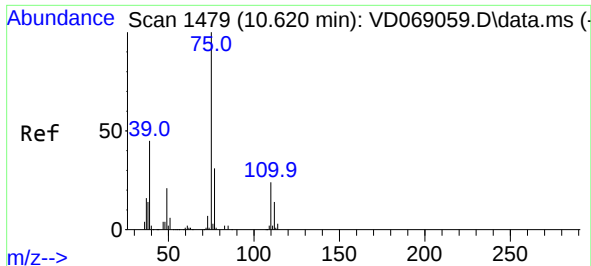
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#52
Toluene
Concen: 49.55 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 92 Resp: 393760
Ion Ratio Lower Upper
92 100
91 172.9 138.2 207.2





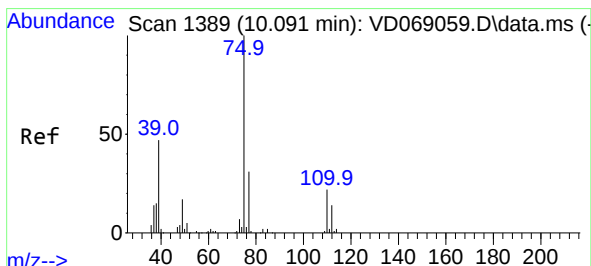
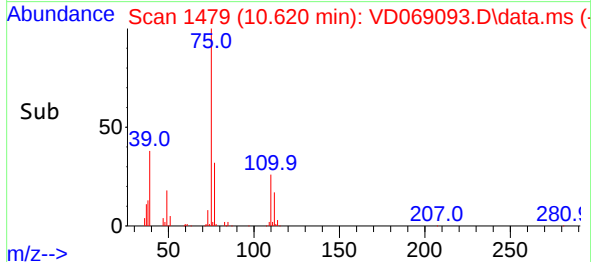
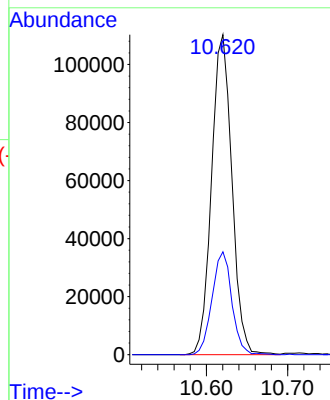
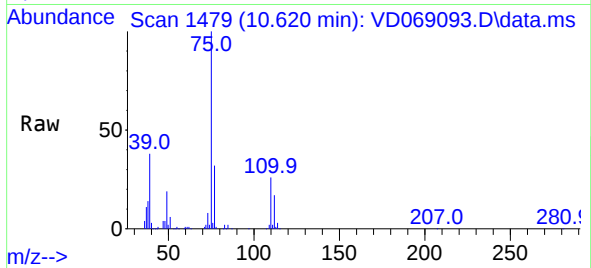
#53
t-1,3-Dichloropropene
Concen: 47.43 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 75 Resp: 192041
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
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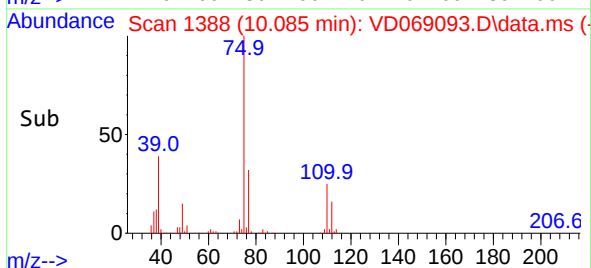
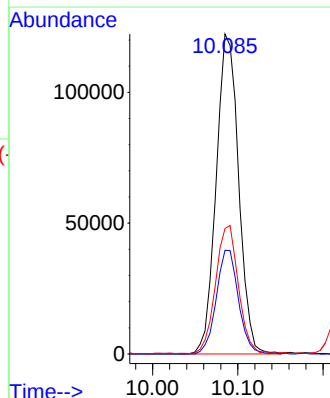
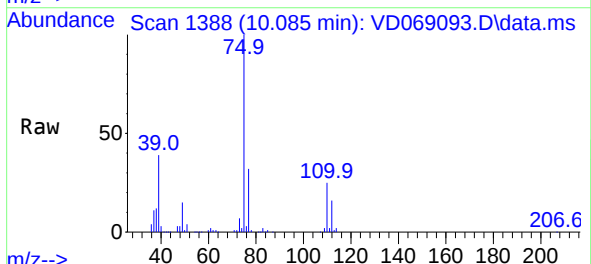
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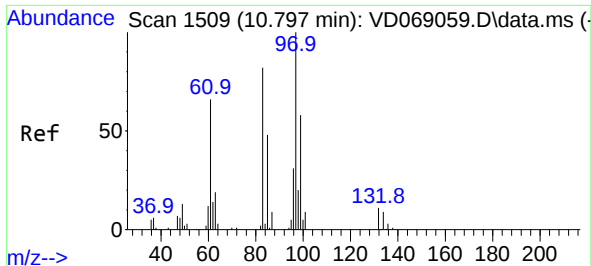
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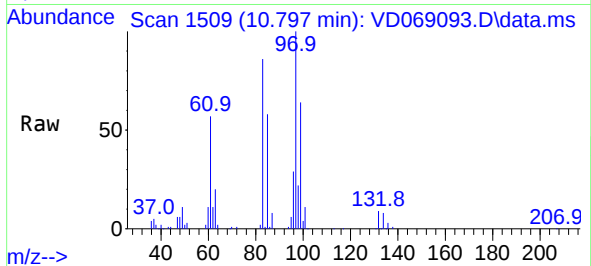
#54
cis-1,3-Dichloropropene
Concen: 46.79 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 75 Resp: 223973
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3
39 39.0 37.8 56.8

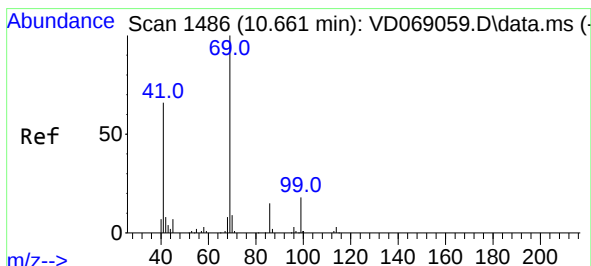
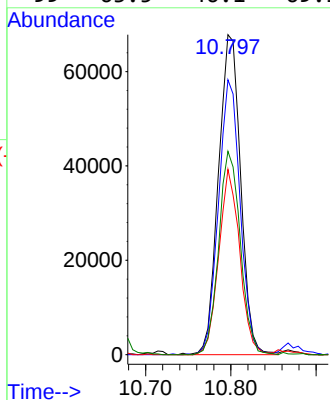
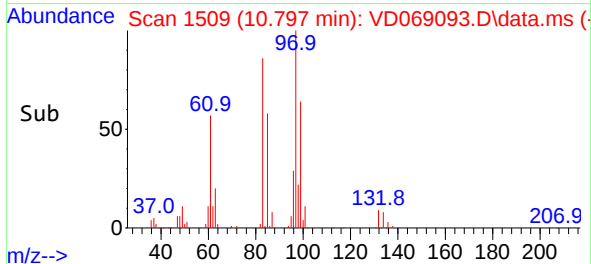




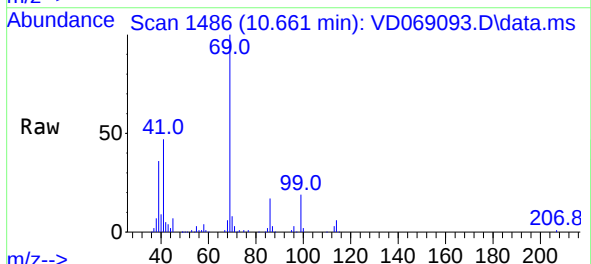
#55
1,1,2-Trichloroethane
Concen: 52.25 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



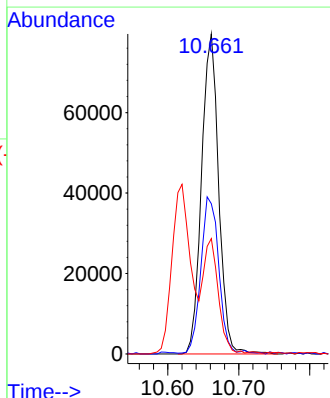
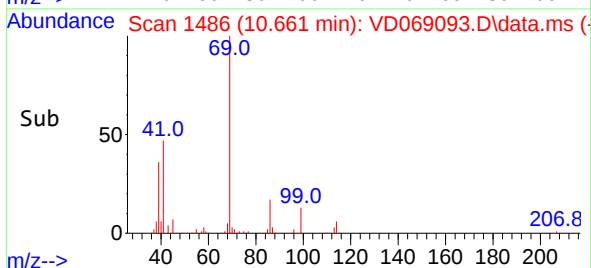
Tgt Ion: 97 Resp: 122943
Ion Ratio Lower Upper
97 100
83 85.9 65.8 98.8
85 57.9 38.6 57.8#
99 63.5 46.1 69.1



#56
Ethyl methacrylate
Concen: 47.34 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



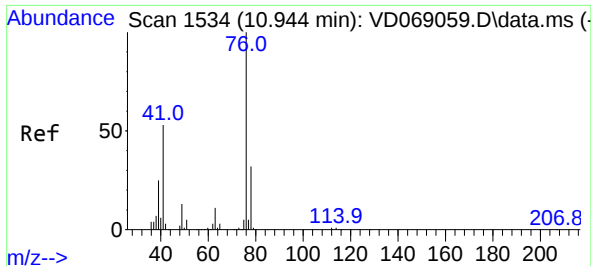
Tgt Ion: 69 Resp: 133753
Ion Ratio Lower Upper
69 100
41 51.9 49.2 73.8
39 30.9 29.8 44.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

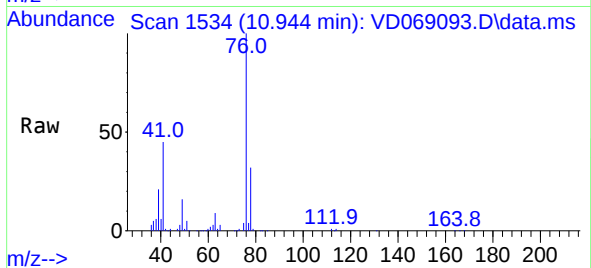
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#57
1,3-Dichloropropane
Concen: 49.51 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

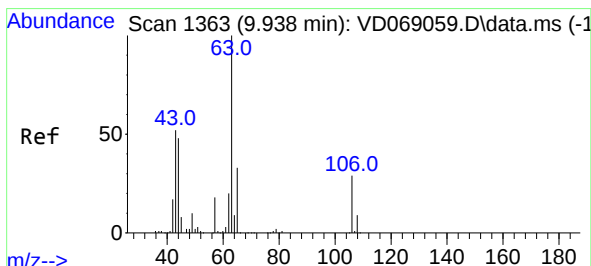
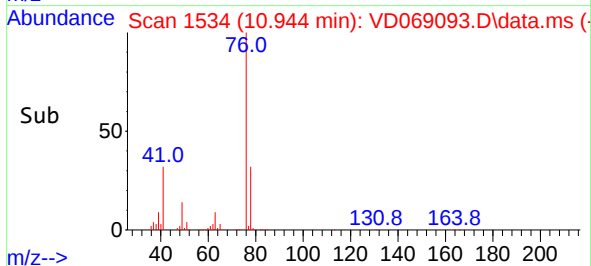
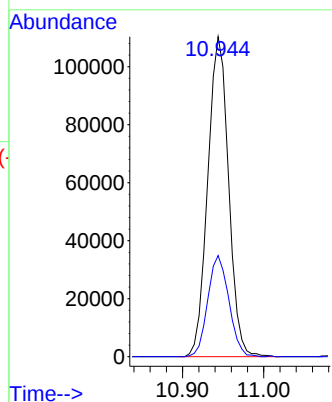
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



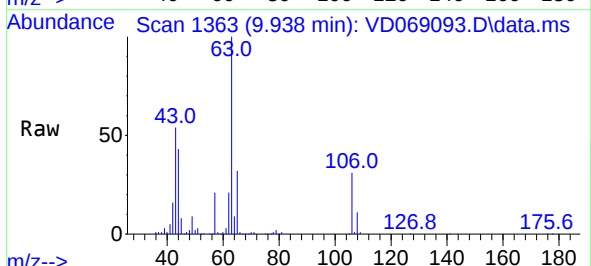
Tgt Ion: 76 Resp: 196374
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9

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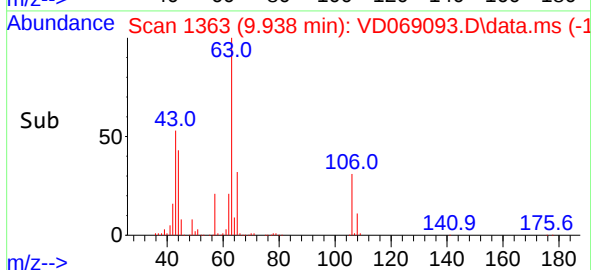
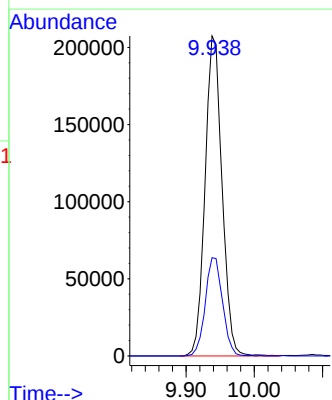
MMDadoda
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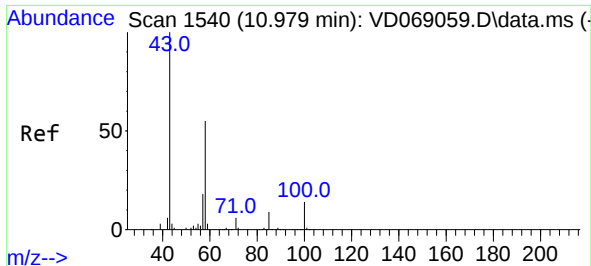


#58
2-Chloroethyl Vinyl ether
Concen: 263.90 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

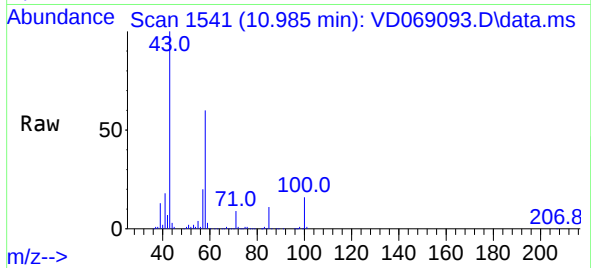


Tgt Ion: 63 Resp: 359582
Ion Ratio Lower Upper
63 100
106 31.3 23.5 35.3

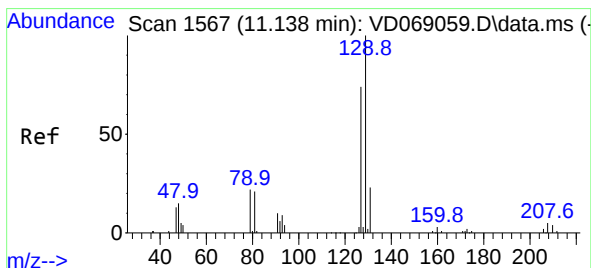
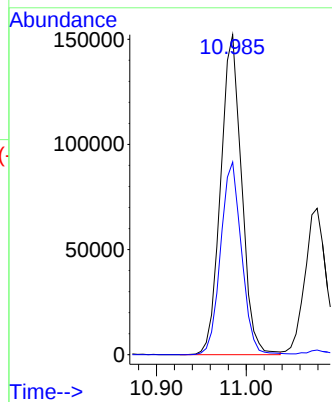
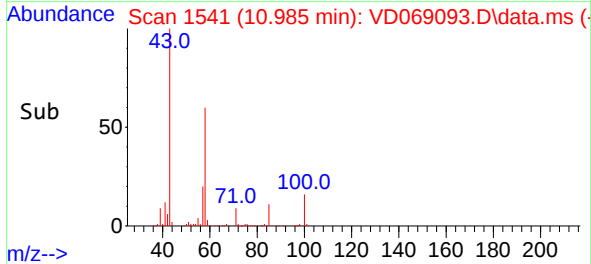




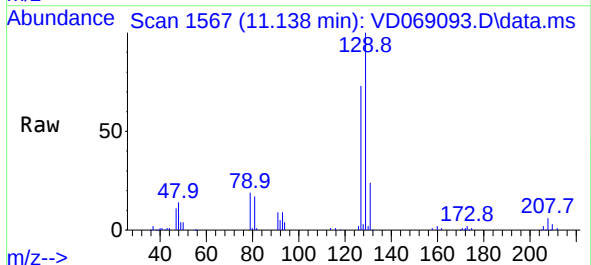
#59
2-Hexanone
Concen: 223.30 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



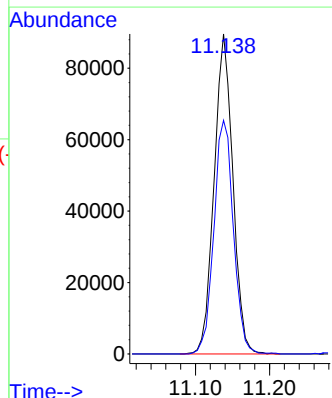
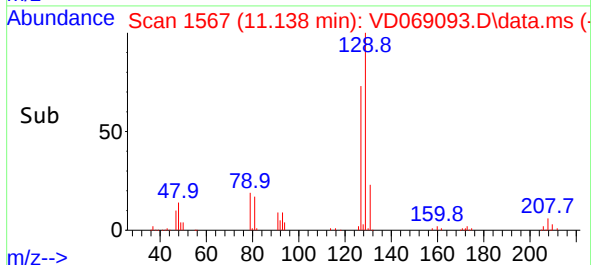
Tgt Ion: 43 Resp: 246785
Ion Ratio Lower Upper
43 100
58 60.1 27.9 83.6



#60
Dibromochloromethane
Concen: 50.27 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



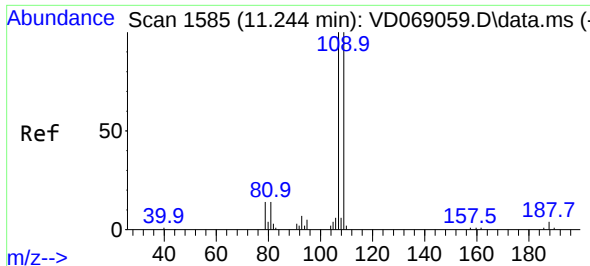
Tgt Ion: 129 Resp: 157396
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

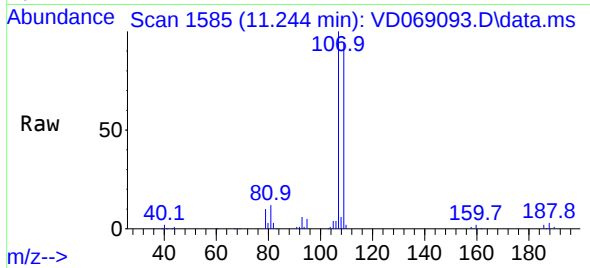
Manual Integrations
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#61
1,2-Dibromoethane
Concen: 50.86 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

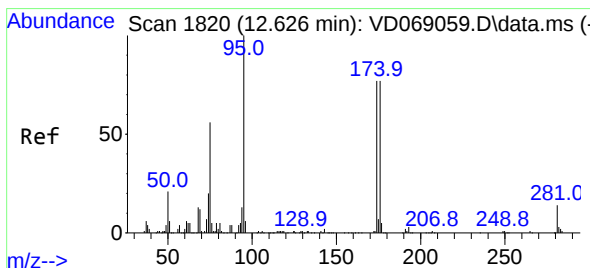
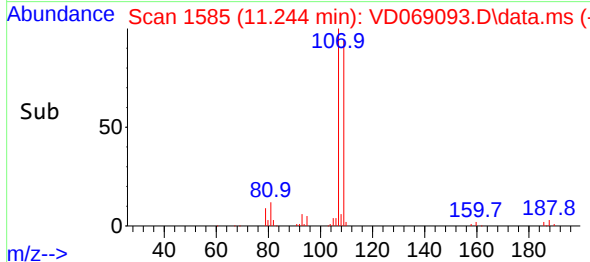
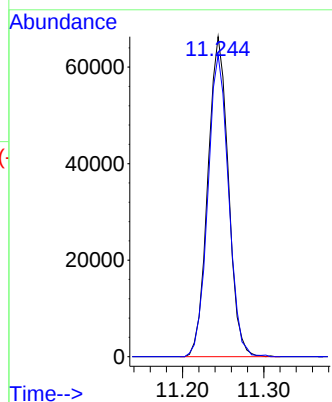
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



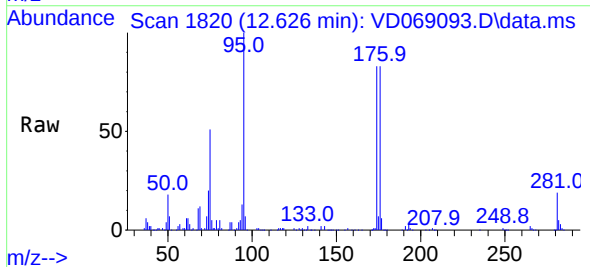
Tgt Ion:107 Resp: 116168
Ion Ratio Lower Upper
107 100
109 95.0 77.6 116.4

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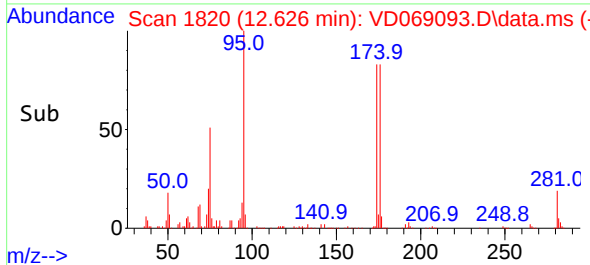
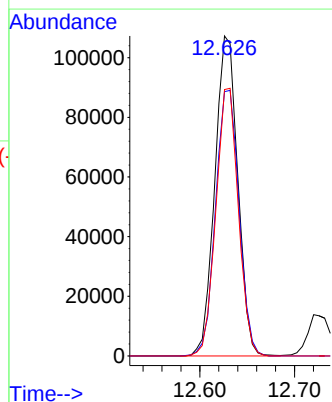
MMDadoda
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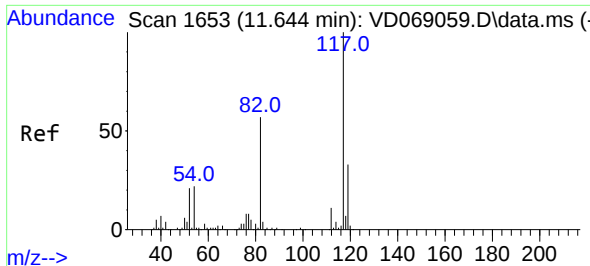


#62
4-Bromofluorobenzene
Concen: 50.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



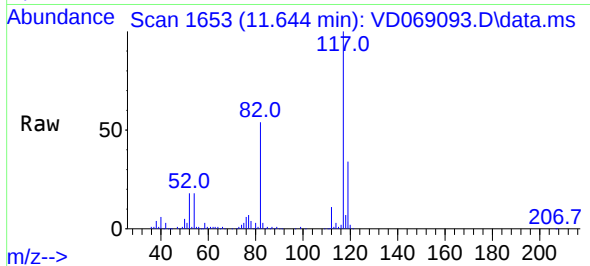
Tgt Ion: 95 Resp: 180642
Ion Ratio Lower Upper
95 100
174 84.9 0.0 156.0
176 81.9 0.0 149.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

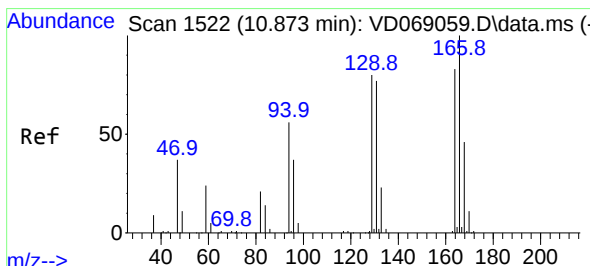
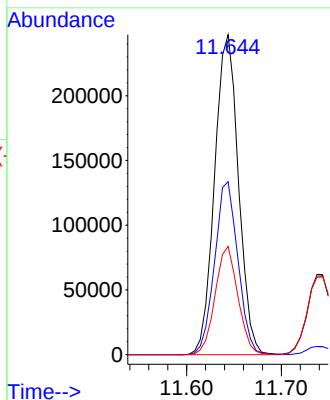
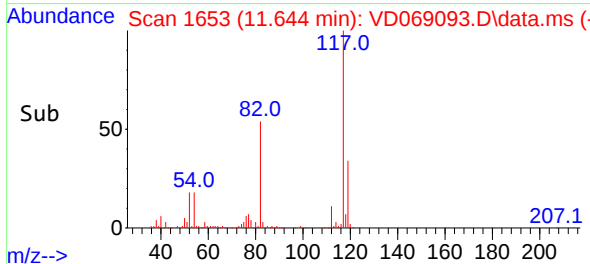
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



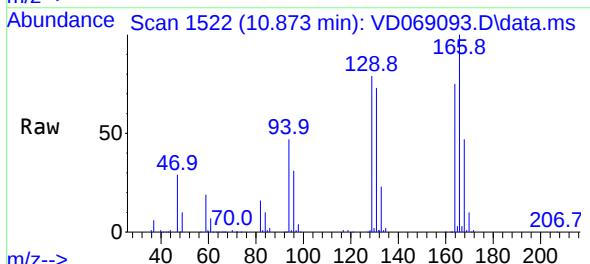
Tgt Ion:117 Resp: 432888
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.2
119 33.8 26.8 40.2

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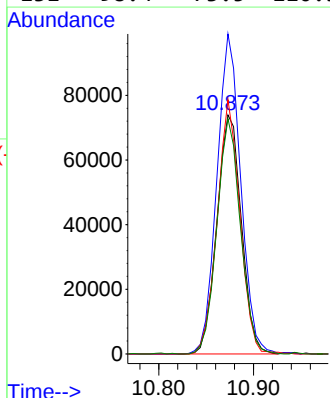
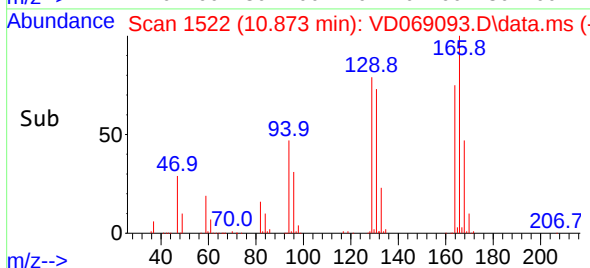
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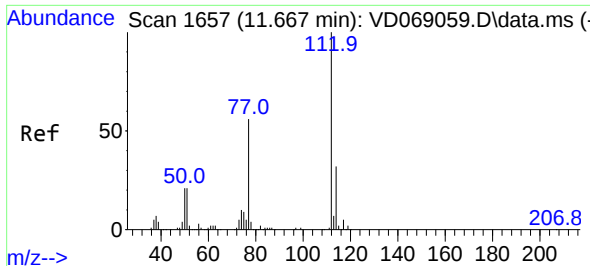


#64
Tetrachloroethene
Concen: 47.71 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



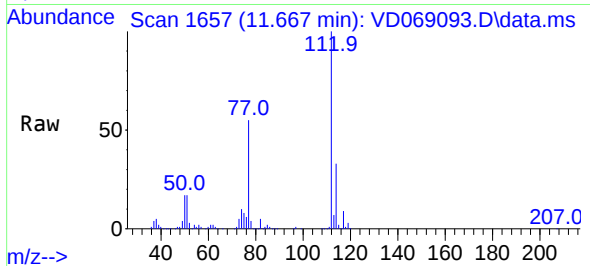
Tgt Ion:164 Resp: 133125
Ion Ratio Lower Upper
164 100
166 133.8 96.0 144.0
129 106.4 76.8 115.2
131 98.4 73.5 110.3





#65
Chlorobenzene
Concen: 48.86 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

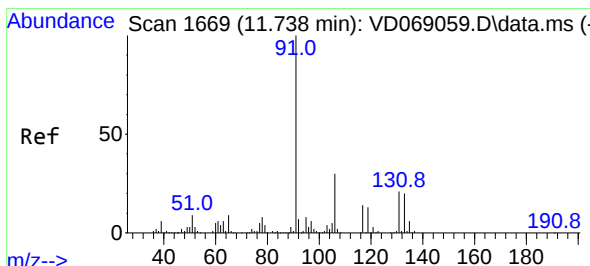
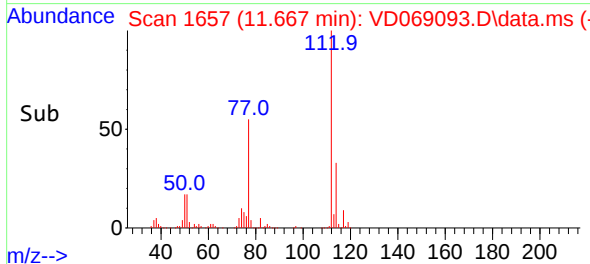
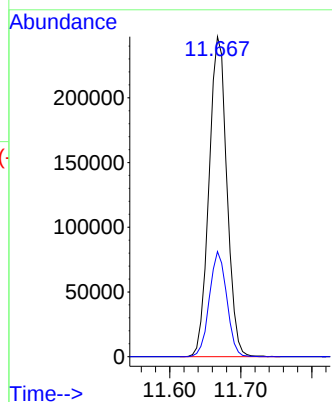
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



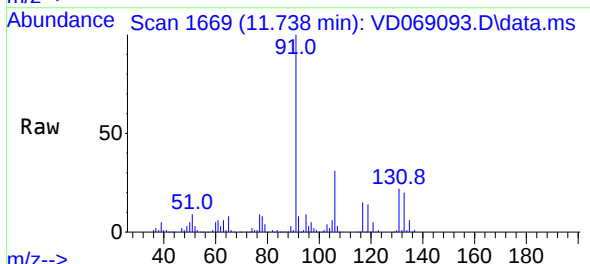
Tgt Ion:112 Resp: 431692
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

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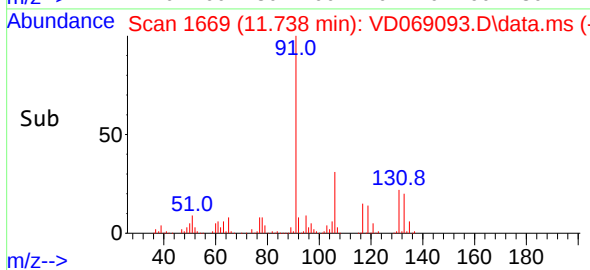
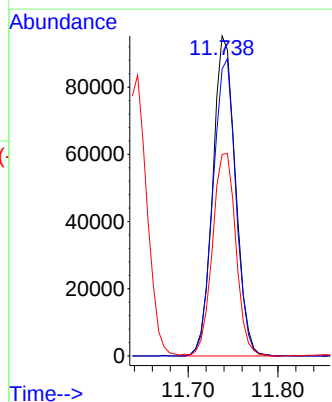
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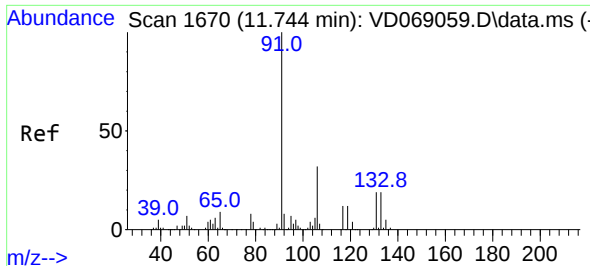


#66
1,1,1,2-Tetrachloroethane
Concen: 49.92 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



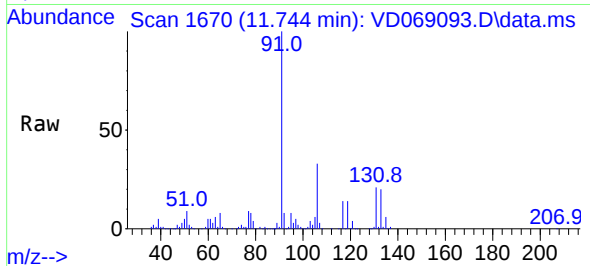
Tgt Ion:131 Resp: 166896
Ion Ratio Lower Upper
131 100
133 94.0 48.7 146.1
119 65.4 32.0 96.2





#67
Ethyl Benzene
Concen: 47.06 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

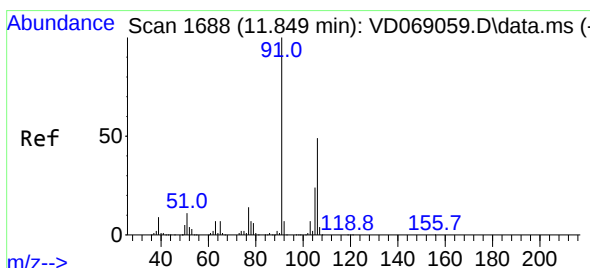
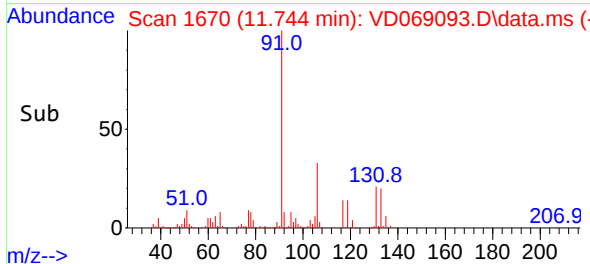
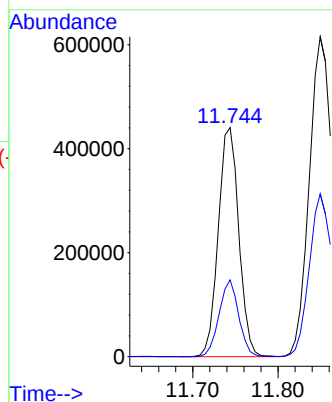
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 737159
Ion Ratio Lower Upper
91 100
106 33.5 25.5 38.3

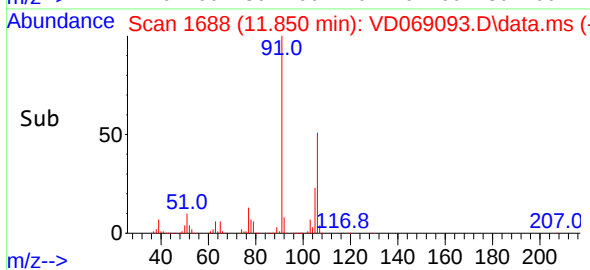
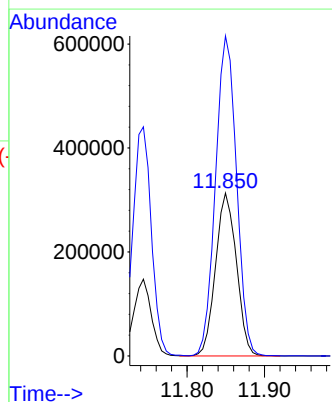
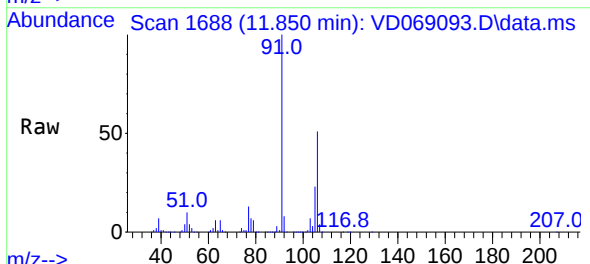
Manual Integrations
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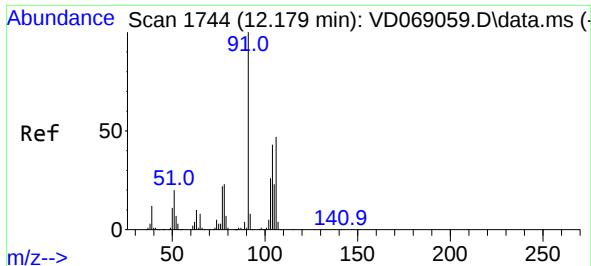
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#68
m/p-Xylenes
Concen: 99.52 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 106 Resp: 586124
Ion Ratio Lower Upper
106 100
91 197.8 164.6 246.8





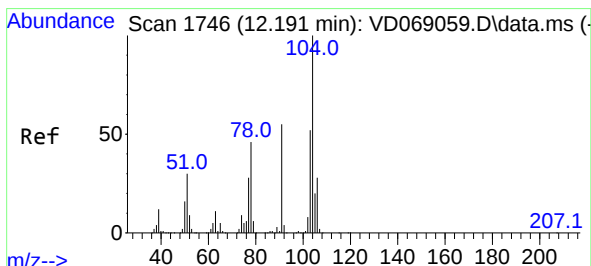
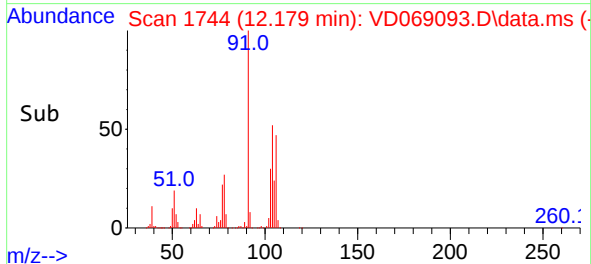
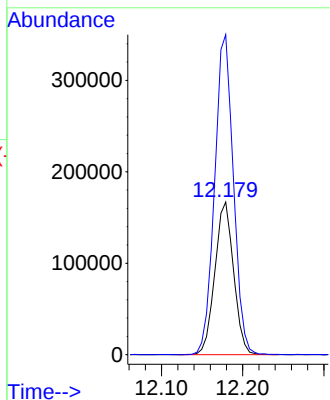
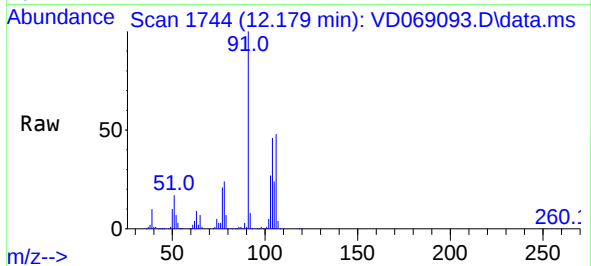
#69
o-Xylene
Concen: 50.70 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:106 Resp: 267732
Ion Ratio Lower Upper
106 100
91 210.6 107.1 321.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

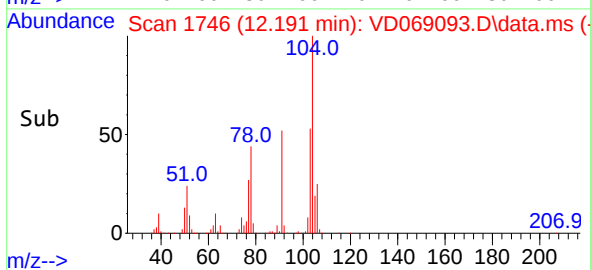
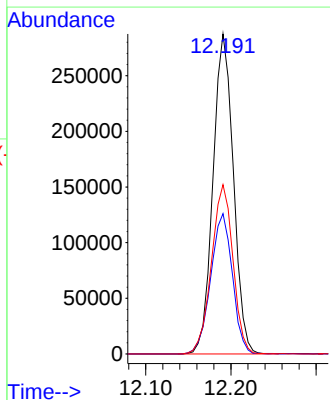
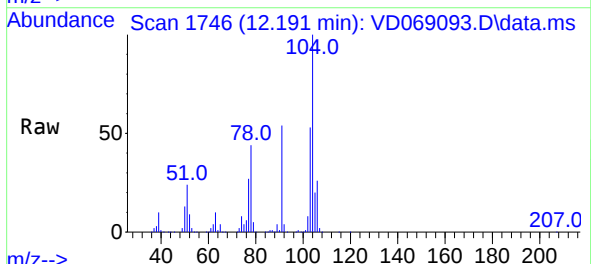
Manual Integrations
APPROVED

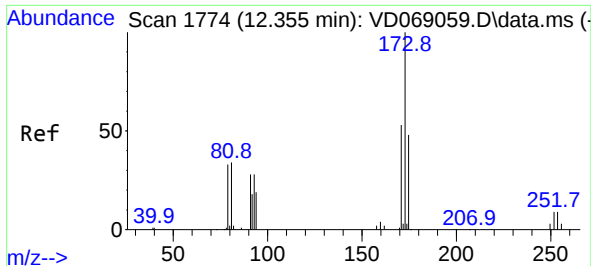
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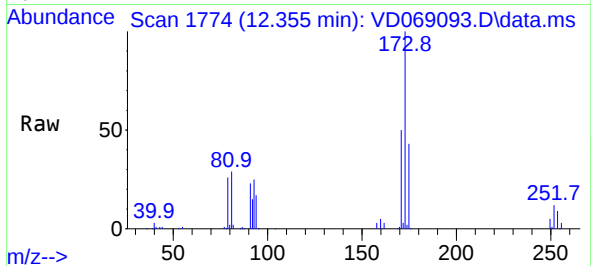
#70
Styrene
Concen: 51.29 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:104 Resp: 478271
Ion Ratio Lower Upper
104 100
78 46.6 39.9 59.9
103 55.7 44.5 66.7

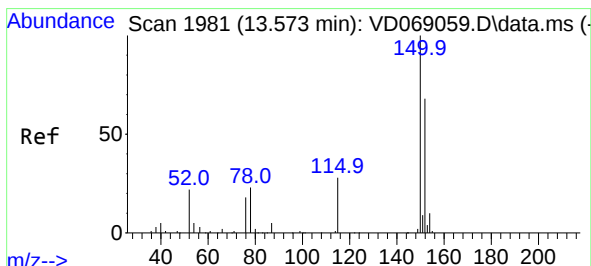
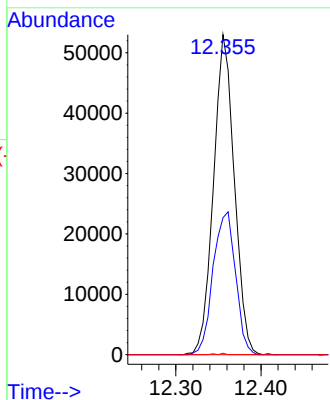
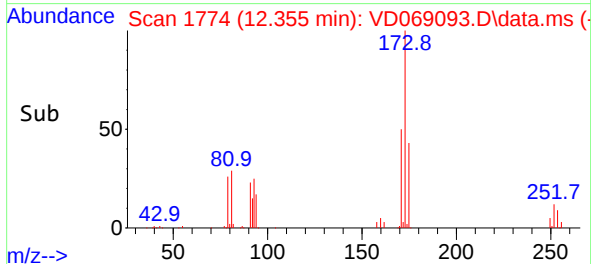




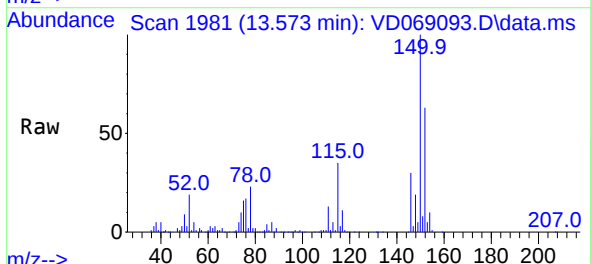
#71
Bromoform
Concen: 52.56 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



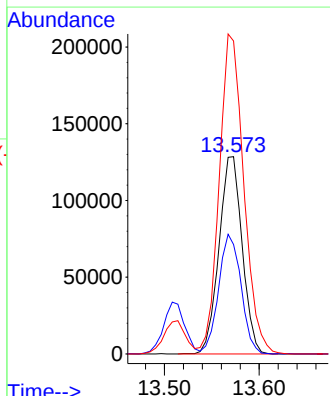
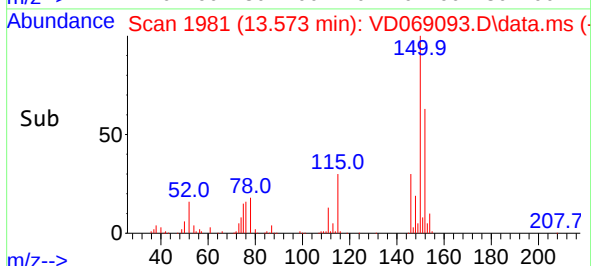
Tgt Ion:173 Resp: 90074
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



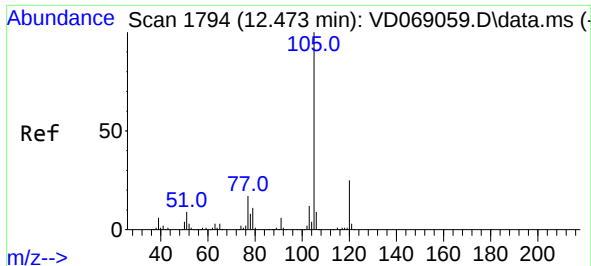
Tgt Ion:152 Resp: 218903
Ion Ratio Lower Upper
152 100
115 58.6 30.5 91.5
150 171.7 0.0 340.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

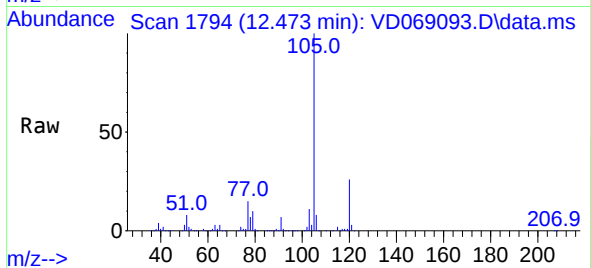
Manual Integrations
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#73
Isopropylbenzene
Concen: 47.03 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

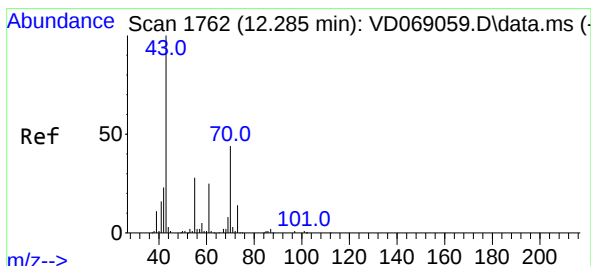
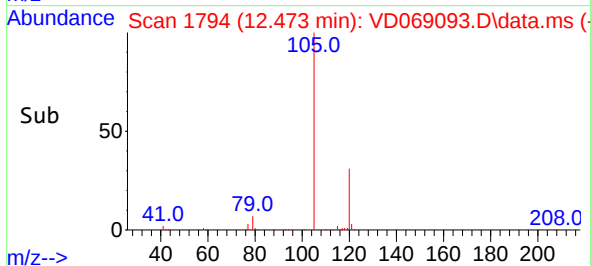
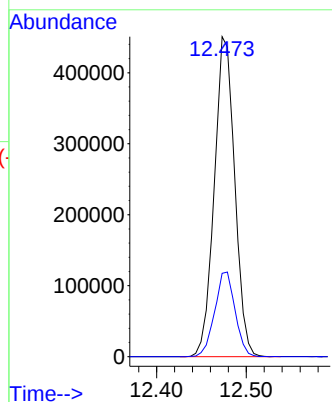
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



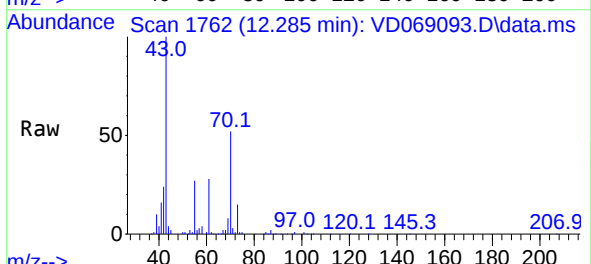
Tgt Ion: 105 Resp: 712638
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
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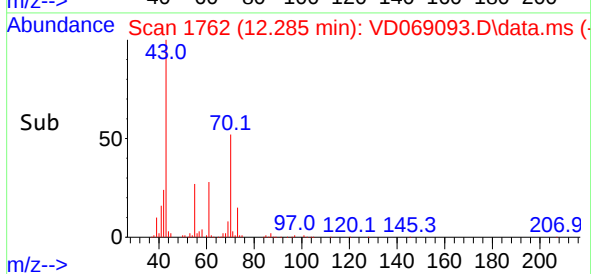
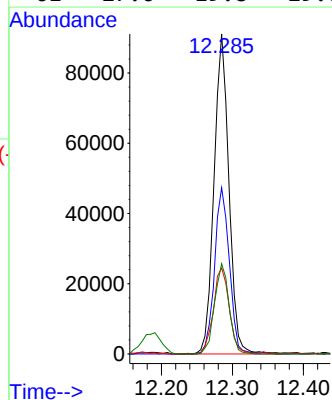
MMDadoda
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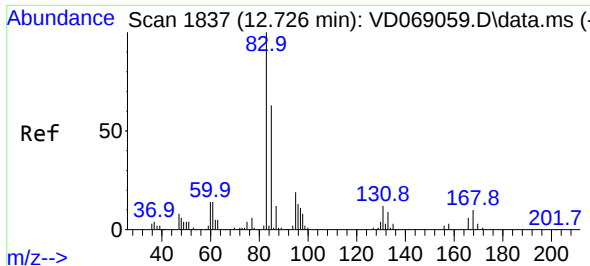


#74
N-ethyl acetate
Concen: 41.65 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



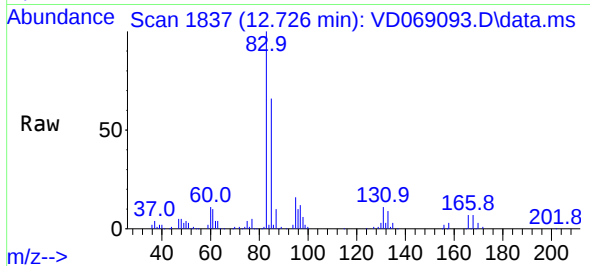
Tgt Ion: 43 Resp: 132531
Ion Ratio Lower Upper
43 100
70 51.8 36.4 54.6
55 28.7 21.8 32.8
61 27.6 19.8 29.6





#75
1,1,2,2-Tetrachloroethane
Concen: 45.90 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

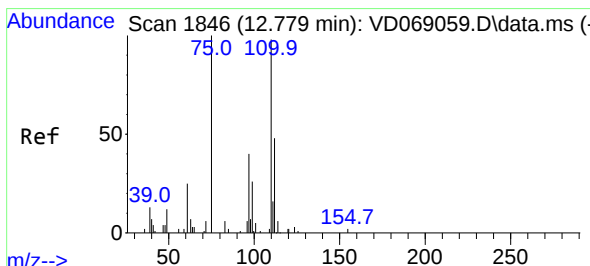
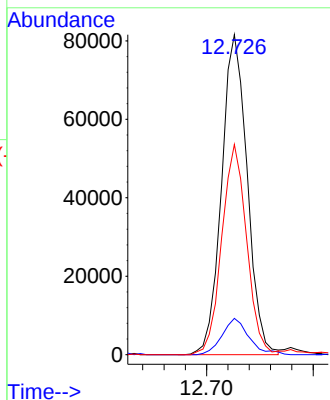
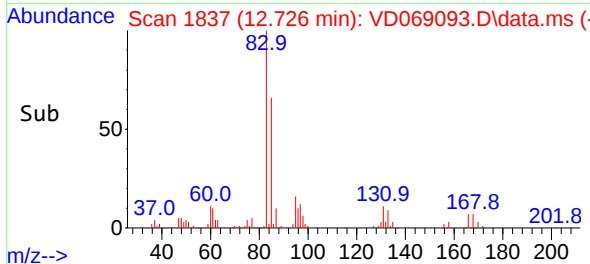
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



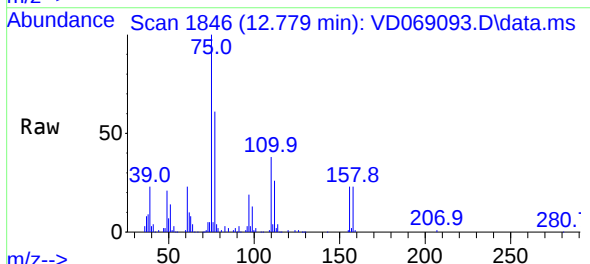
Tgt Ion: 83 Resp: 136340
Ion Ratio Lower Upper
83 100
131 11.9 5.2 15.6
85 64.0 30.9 92.8

Manual Integrations
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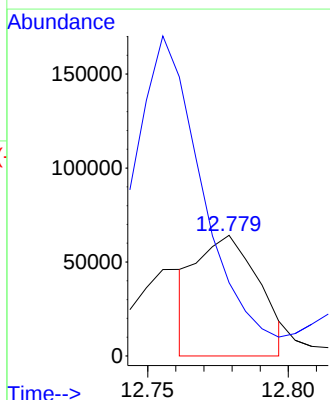
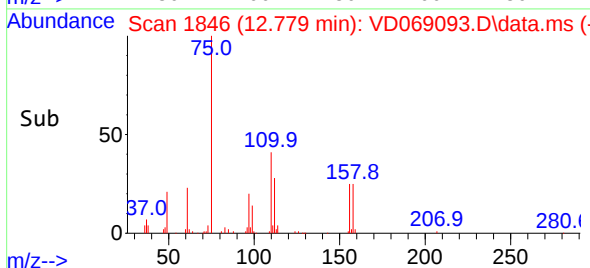
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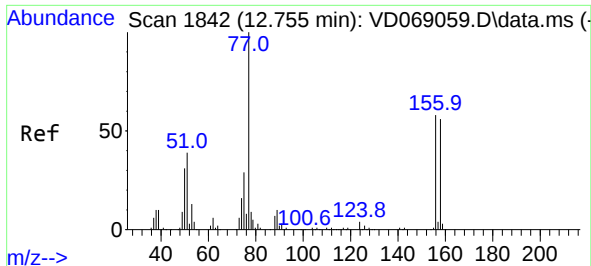


#76
1,2,3-Trichloropropane
Concen: 51.78 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion: 75 Resp: 98671
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





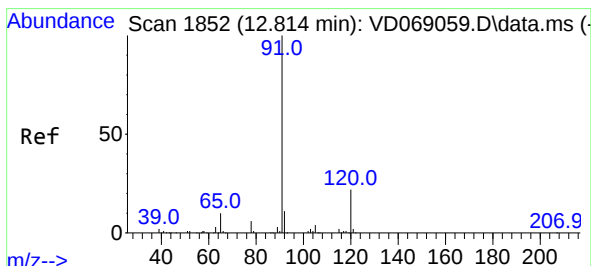
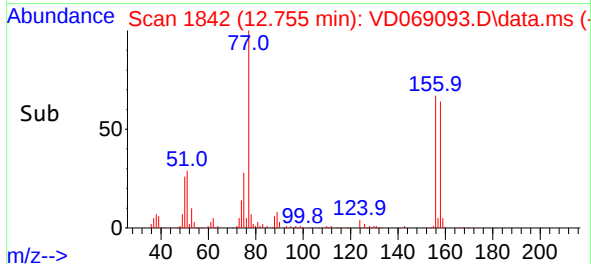
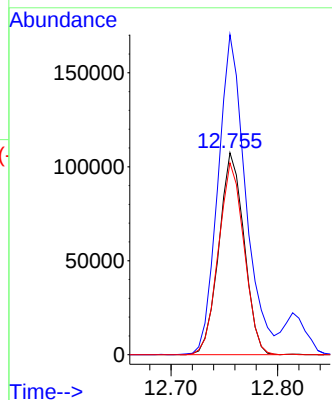
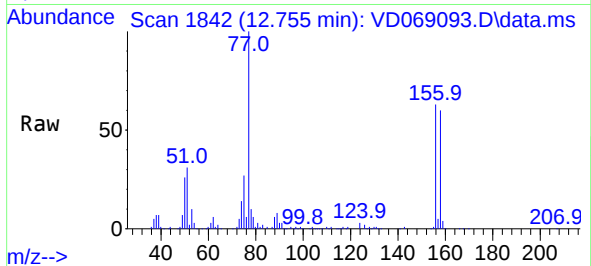
#77
Bromobenzene
Concen: 50.25 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 156 Resp: 176264
Ion Ratio Lower Upper
156 100
77 174.0 96.5 289.4
158 96.8 48.7 146.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

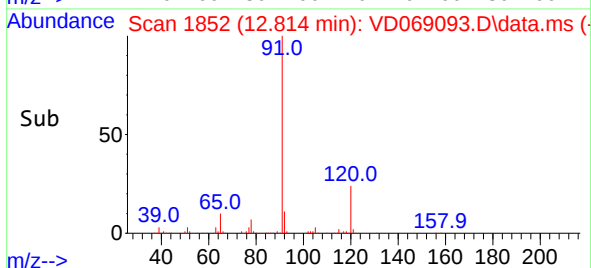
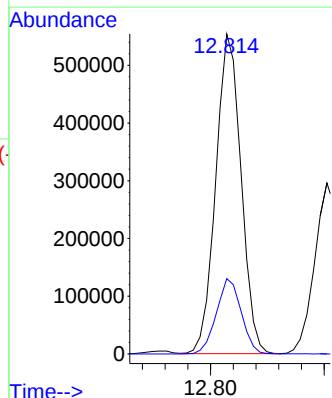
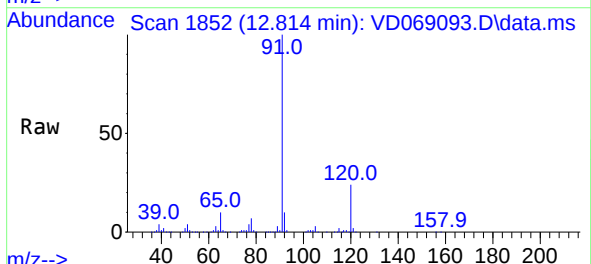
Manual Integrations
APPROVED

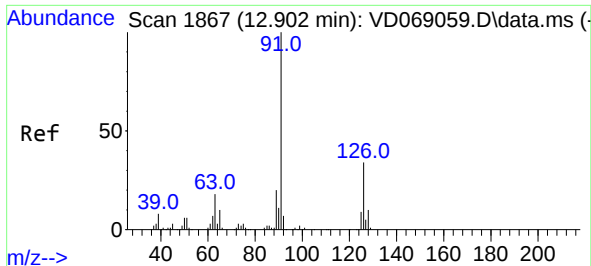
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#78
n-propylbenzene
Concen: 46.01 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 91 Resp: 856485
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.8





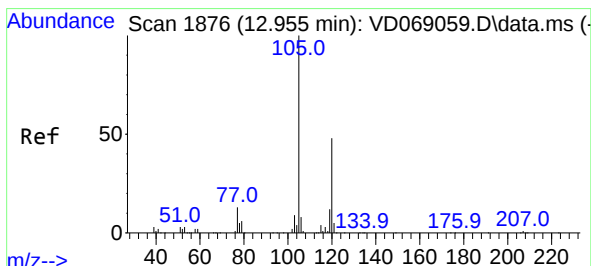
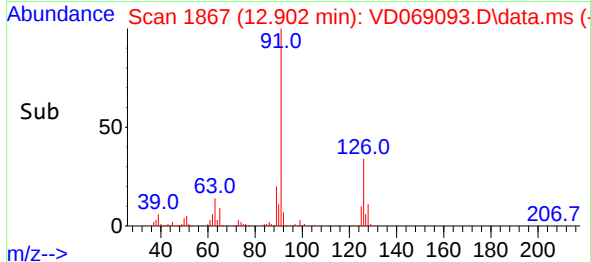
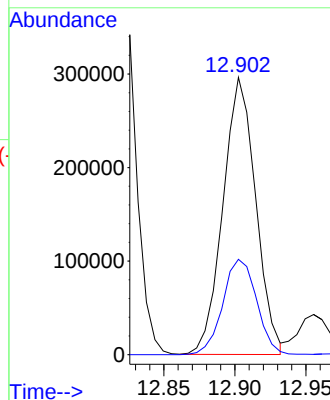
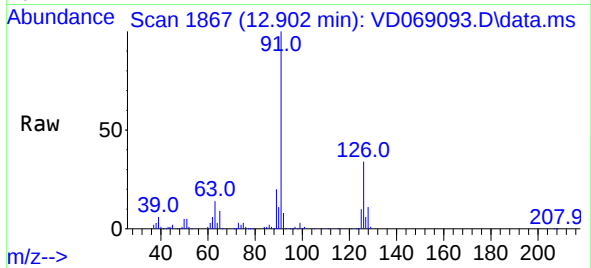
#79
2-Chlorotoluene
Concen: 45.81 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion: 91 Resp: 475467
Ion Ratio Lower Upper
91 100
126 35.6 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

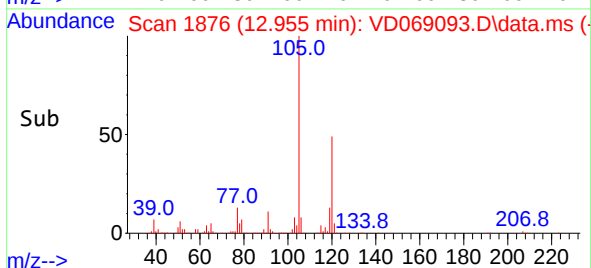
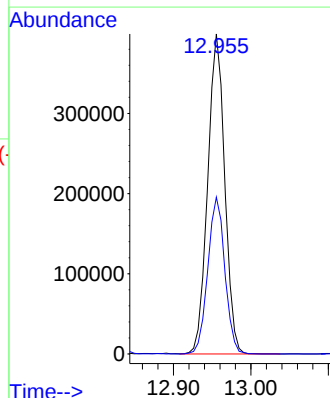
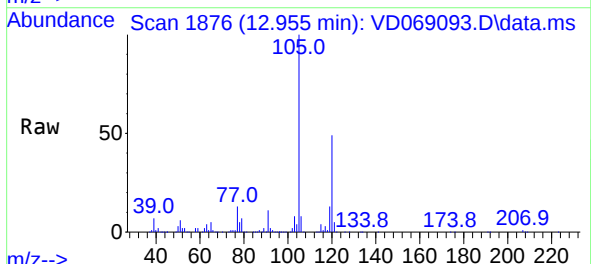
Manual Integrations
APPROVED

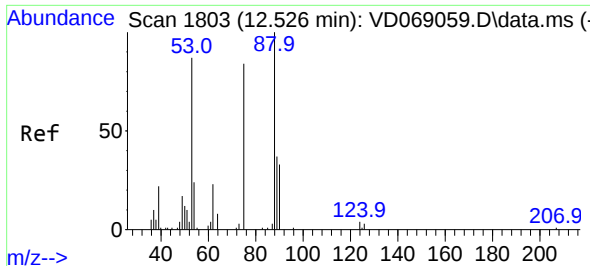
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 47.22 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

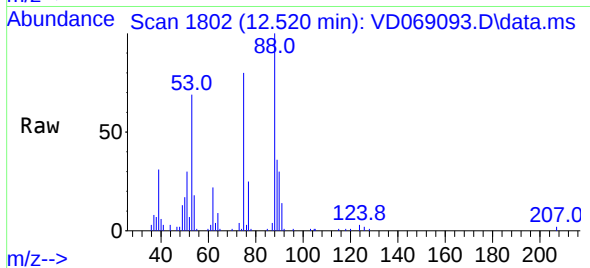
Tgt Ion: 105 Resp: 609074
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 41.07 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

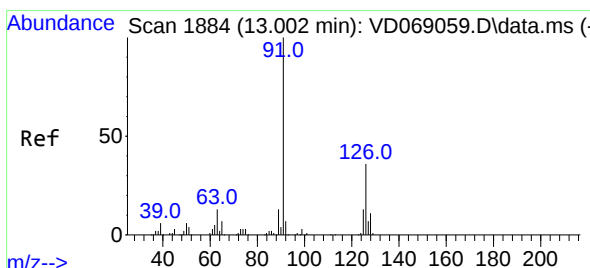
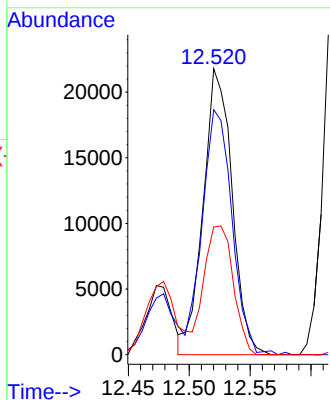
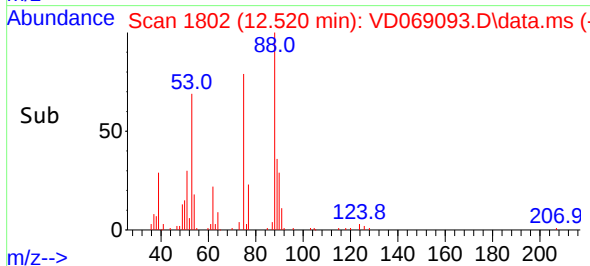
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



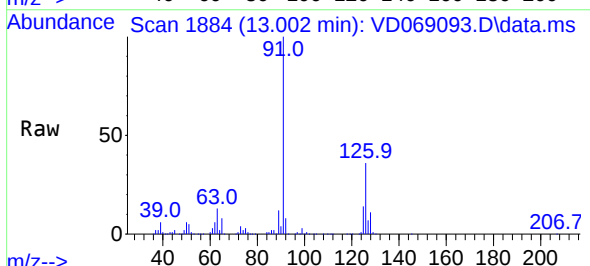
Tgt Ion: 75 Resp: 35967
Ion Ratio Lower Upper
75 100
53 88.2 80.4 120.6
89 45.1 37.8 56.8

Manual Integrations
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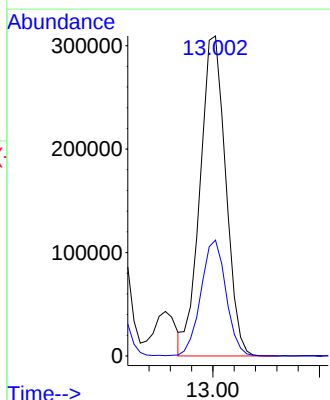
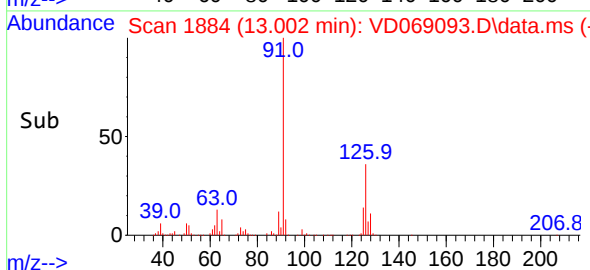
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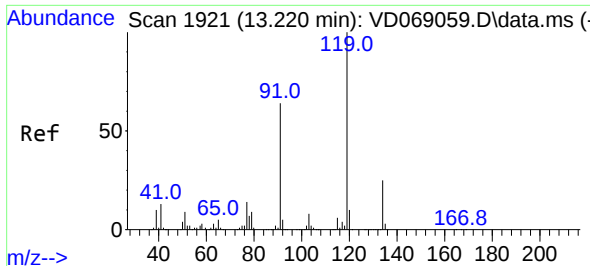


#82
4-Chlorotoluene
Concen: 46.56 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



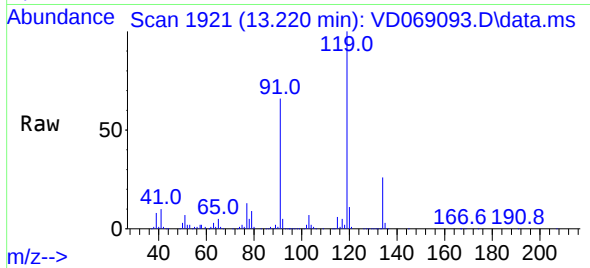
Tgt Ion: 91 Resp: 517432
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7





#83
tert-Butylbenzene
Concen: 48.50 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

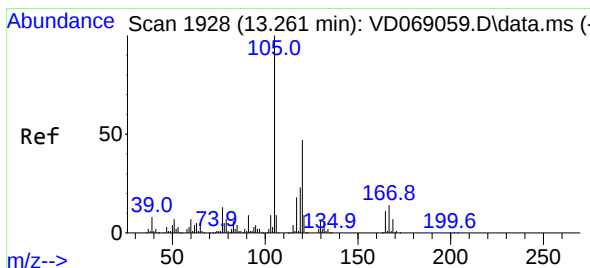
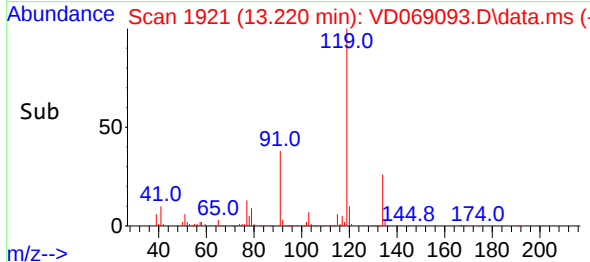
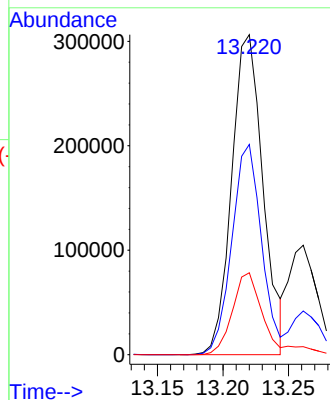
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 509779
Ion Ratio Lower Upper
119 100
91 62.2 32.8 98.3
134 26.0 12.6 37.8

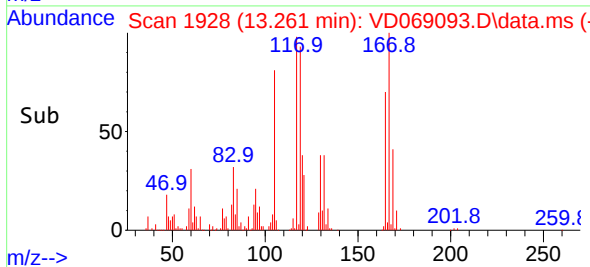
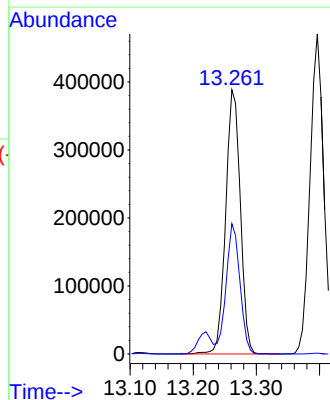
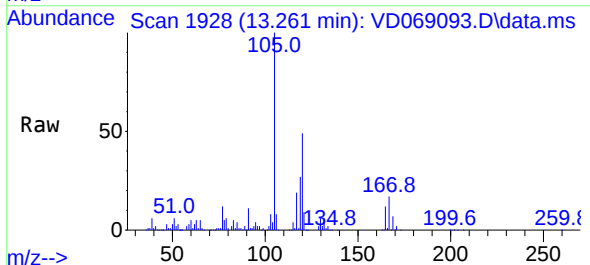
Manual Integrations
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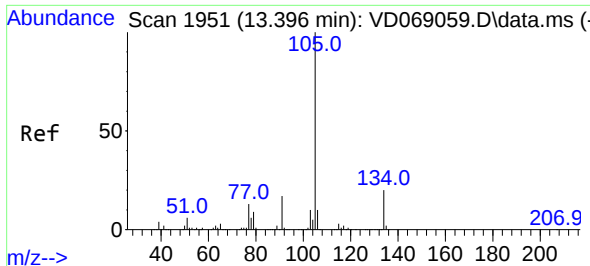
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#84
1,2,4-Trimethylbenzene
Concen: 48.49 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

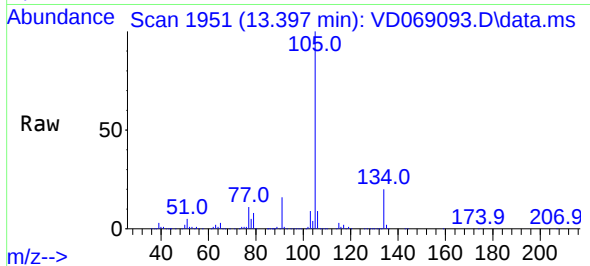
Tgt Ion:105 Resp: 624919
Ion Ratio Lower Upper
105 100
120 46.8 22.5 67.5





#85
sec-Butylbenzene
Concen: 46.52 ug/l
RT: 13.397 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

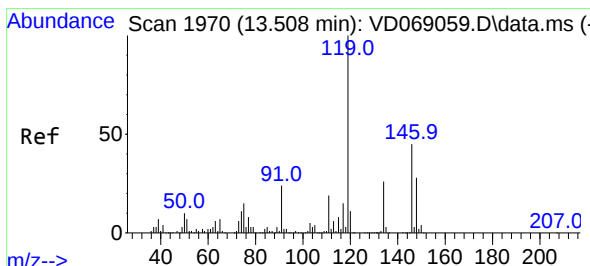
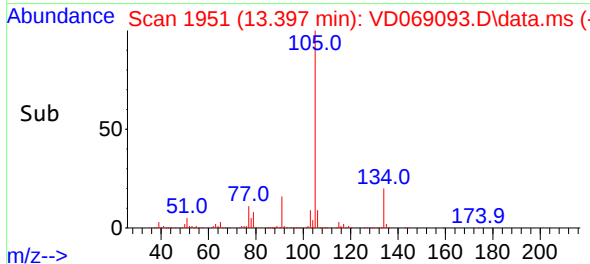
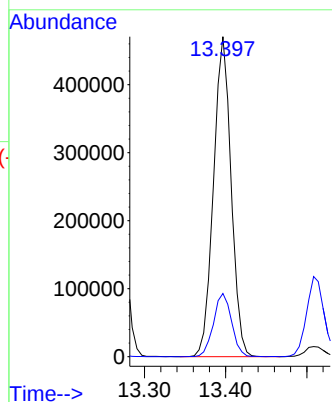
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



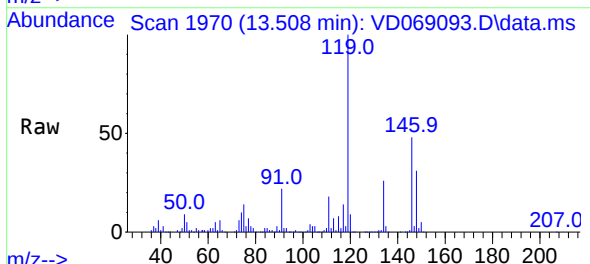
Tgt Ion:105 Resp: 707876
Ion Ratio Lower Upper
105 100
134 20.3 9.8 29.4

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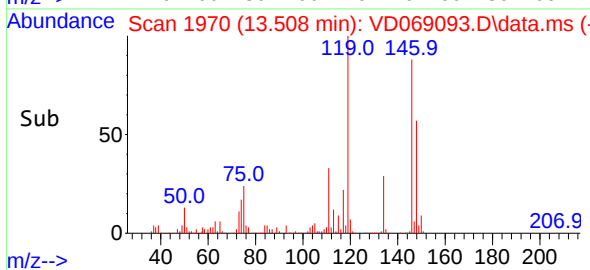
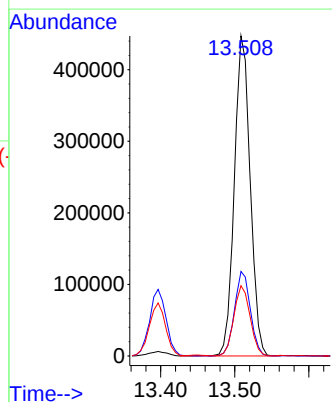
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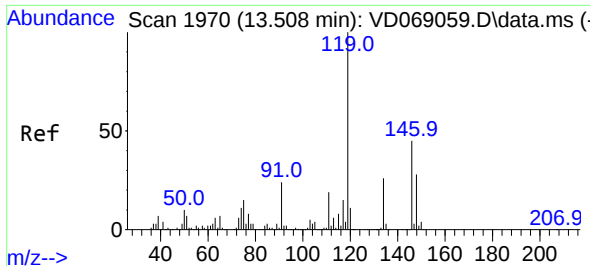


#86
p-Isopropyltoluene
Concen: 47.29 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



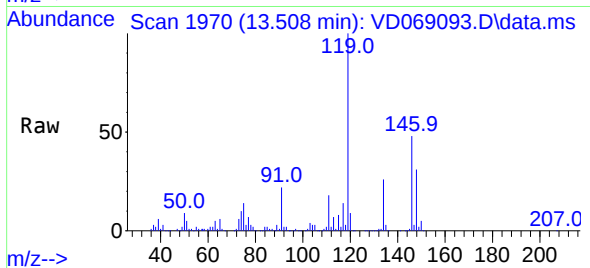
Tgt Ion:119 Resp: 664141
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 22.4 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 48.82 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

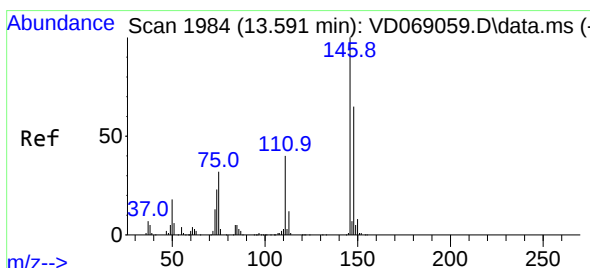
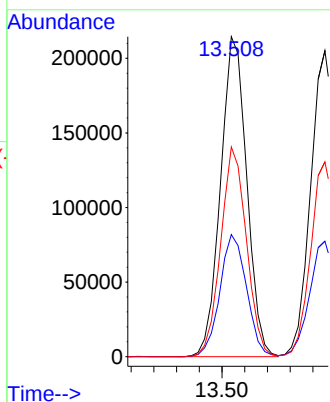
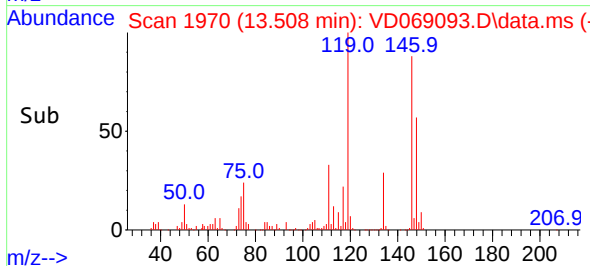
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



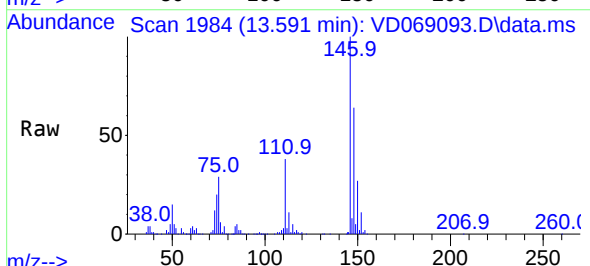
Tgt Ion:146 Resp: 343689
Ion Ratio Lower Upper
146 100
111 38.9 20.6 61.8
148 64.3 31.4 94.2

Manual Integrations
APPROVED

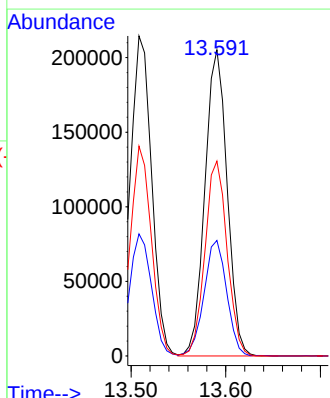
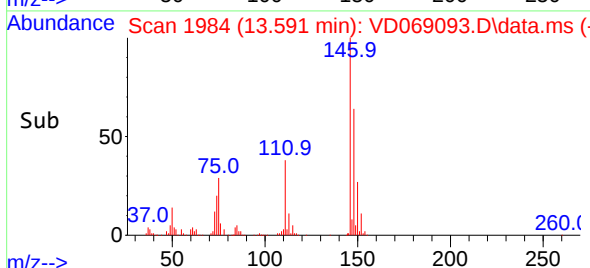
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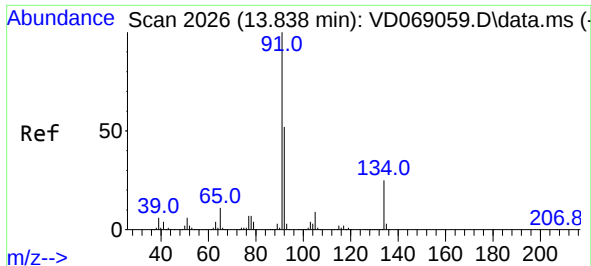


#88
1,4-Dichlorobenzene
Concen: 48.25 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



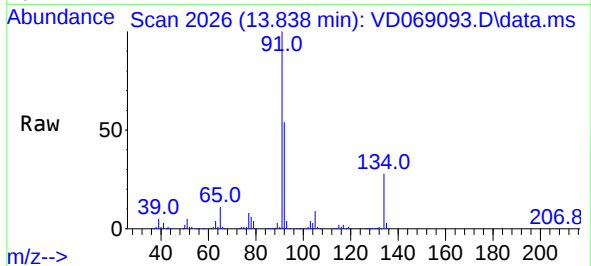
Tgt Ion:146 Resp: 334737
Ion Ratio Lower Upper
146 100
111 38.7 20.5 61.6
148 63.6 32.3 96.9





#89
n-Butylbenzene
Concen: 44.42 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

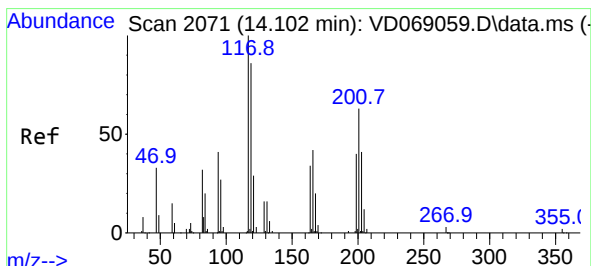
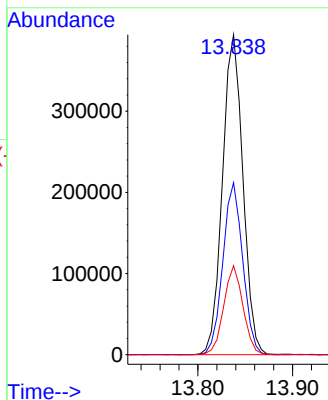
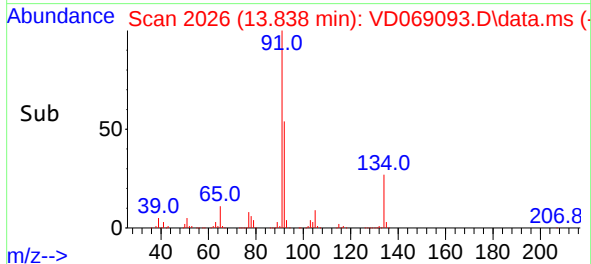
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



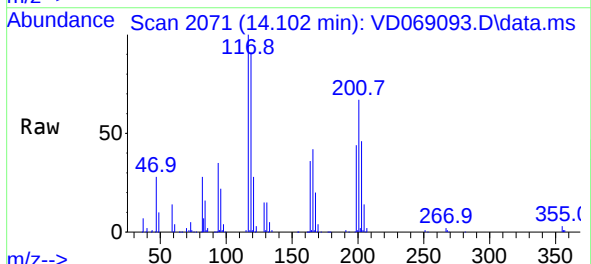
Tgt Ion: 91 Resp: 591881
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 26.2 12.1 36.3

Manual Integrations
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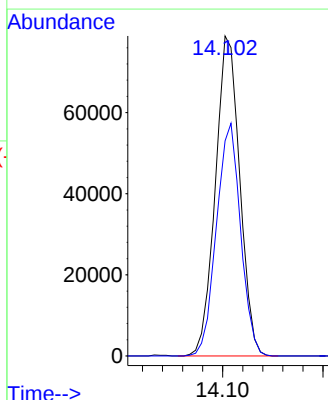
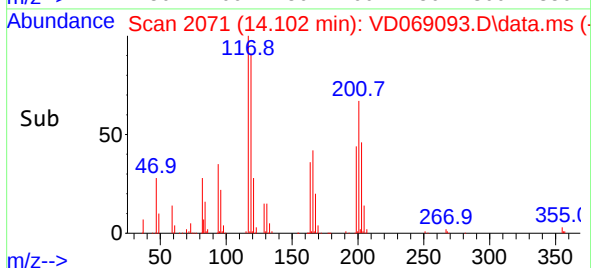
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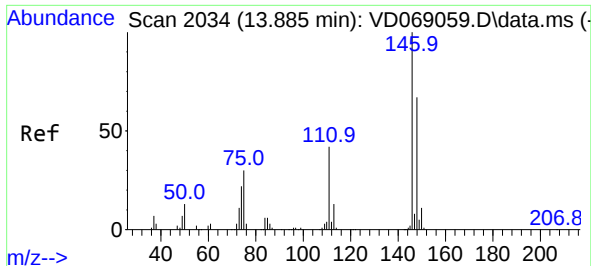


#90
Hexachloroethane
Concen: 46.17 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



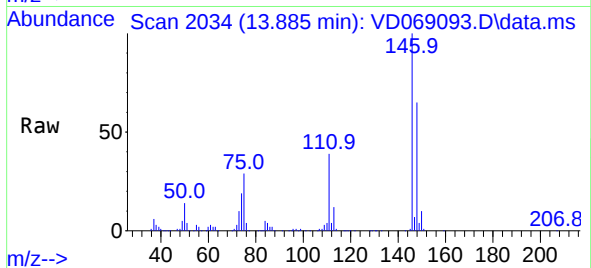
Tgt Ion: 117 Resp: 133283
Ion Ratio Lower Upper
117 100
201 71.9 32.6 97.8





#91
1,2-Dichlorobenzene
Concen: 48.80 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

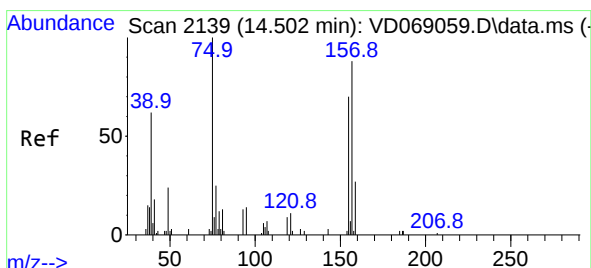
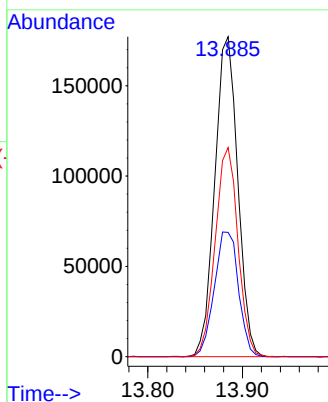
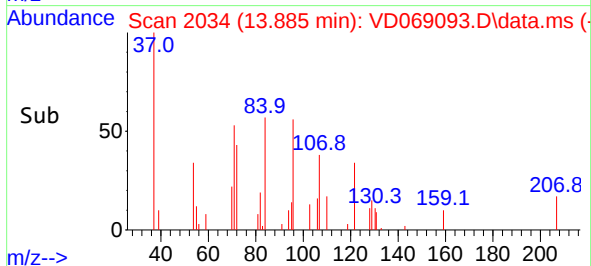
Instrument :
MSVOA_D
ClientSampleId :
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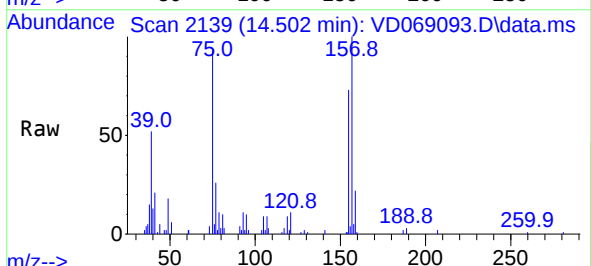
Tgt Ion:146 Resp: 298689
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 64.8 31.3 93.8

Manual Integrations
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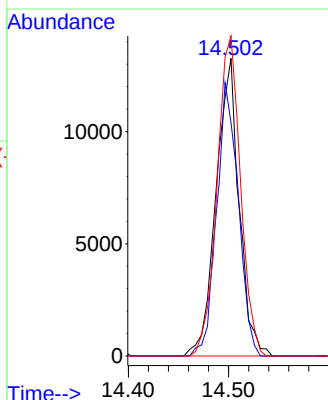
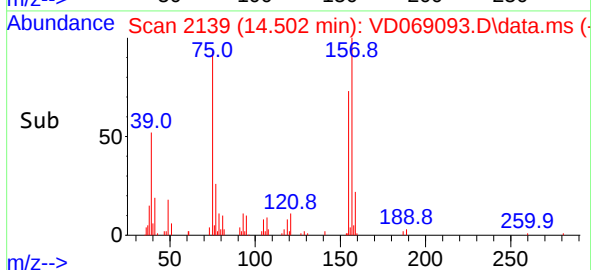
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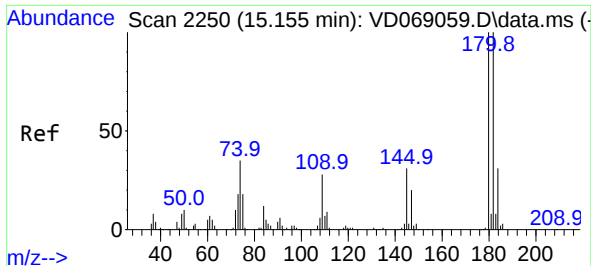


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.32 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



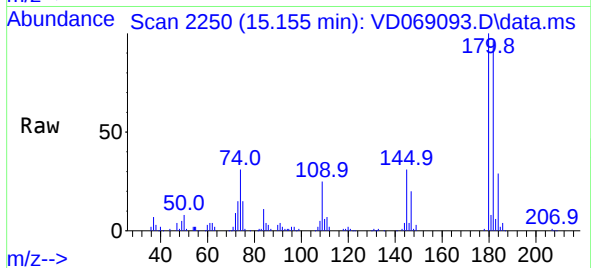
Tgt Ion: 75 Resp: 21167
Ion Ratio Lower Upper
75 100
155 86.5 39.1 117.3
157 109.3 48.6 145.8





#93
1,2,4-Trichlorobenzene
Concen: 50.19 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

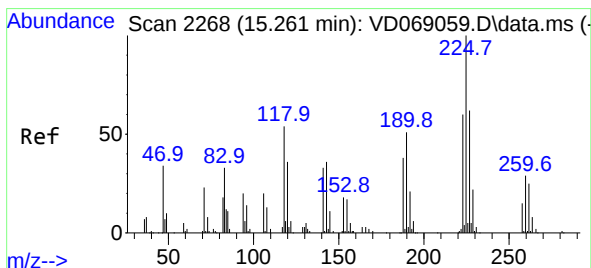
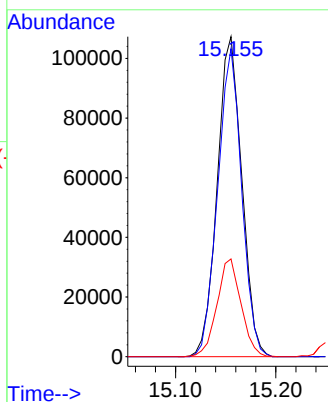
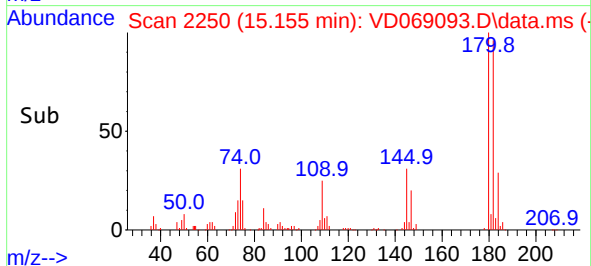
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



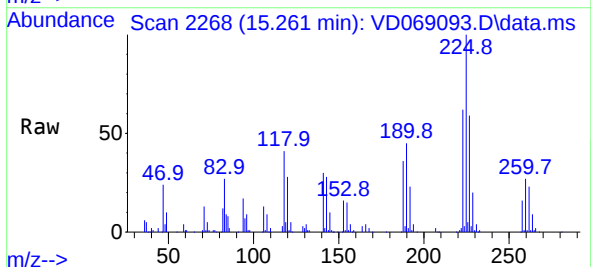
Tgt Ion:180 Resp: 182247
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.9
145 29.9 15.8 47.3

Manual Integrations
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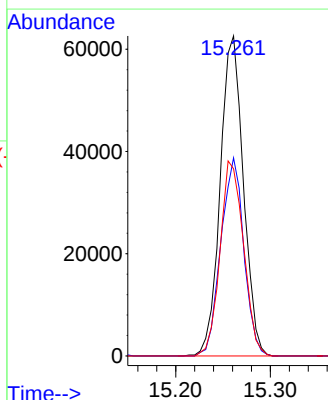
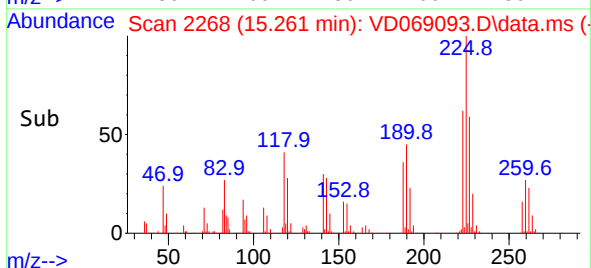
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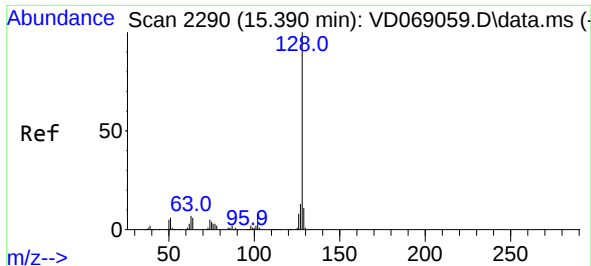


#94
Hexachlorobutadiene
Concen: 50.56 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48



Tgt Ion:225 Resp: 106312
Ion Ratio Lower Upper
225 100
223 61.3 31.1 93.3
227 61.8 31.6 95.0





#95
Naphthalene
Concen: 46.35 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

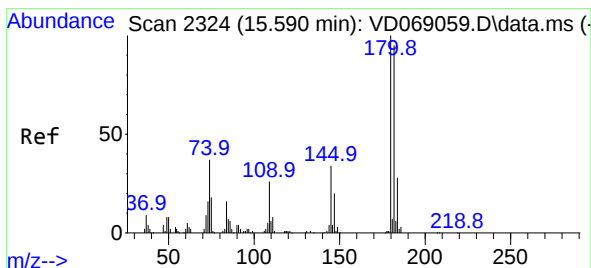
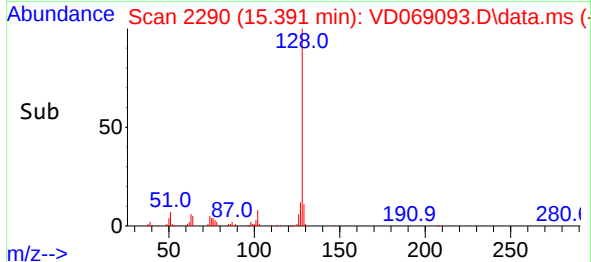
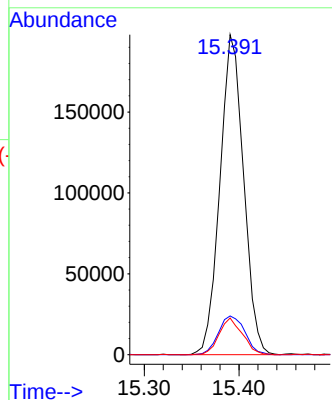
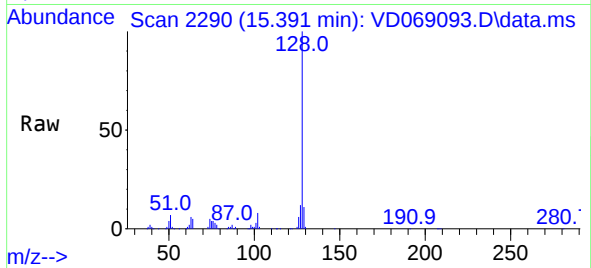
Tgt Ion:128 Resp: 343838

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.3	8.5	12.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:26:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.22 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD069093.D
Acq: 06 May 2021 23:48

Tgt Ion:180 Resp: 163758

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.5	139.5
145	33.1	17.4	52.2

