

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050421\
 Data File : VD069061.D
 Acq On : 04 May 2021 12:04
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
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Quant Time: May 05 03:47:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 03:42:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	243770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	404819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	402770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	459497	146.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 292.52%#			
35) Dibromofluoromethane	7.914	113	419576	151.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.28%#			
50) Toluene-d8	10.338	98	1648253	160.82	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 321.64%#			
62) 4-Bromofluorobenzene	12.626	95	552720	163.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 327.92%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	393767	132.82	ug/l	98
3) Chloromethane	2.209	50	472637	129.54	ug/l	95
4) Vinyl Chloride	2.344	62	646698	134.03	ug/l	98
5) Bromomethane	2.732	94	395756	137.86	ug/l	98
6) Chloroethane	2.897	64	394217	140.51	ug/l	96
7) Trichlorofluoromethane	3.256	101	711007	134.19	ug/l	100
8) Diethyl Ether	3.703	74	189152	146.96	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.085	101	378794	133.51	ug/l	99
10) Methyl Iodide	4.297	142	399459	179.11	ug/l	98
11) Tert butyl alcohol	5.232	59	126123	430.18	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	357446	139.93	ug/l	94
13) Acrolein	3.920	56	124943	663.66	ug/l	95
14) Allyl chloride	4.709	41	500310	151.98	ug/l	99
15) Acrylonitrile	5.415	53	415227	742.15	ug/l	100
16) Acetone	4.156	43	298205	594.34	ug/l	95
17) Carbon Disulfide	4.397	76	1180249	136.66	ug/l	99
18) Methyl Acetate	4.715	43	177108	144.75	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	913488	156.45	ug/l	99
20) Methylene Chloride	4.962	84	415622	107.39	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	437456	144.13	ug/l	98
22) Diisopropyl ether	6.362	45	1136537	154.69	ug/l	98
23) Vinyl Acetate	6.303	43	3534544	859.97	ug/l	99
24) 1,1-Dichloroethane	6.261	63	730187	140.71	ug/l	99
25) 2-Butanone	7.214	43	498744	742.57	ug/l	100
26) 2,2-Dichloropropane	7.209	77	670313	138.28	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	488253	149.04	ug/l	99
28) Bromochloromethane	7.544	49	302513	144.39	ug/l	99
29) Tetrahydrofuran	7.561	42	324454	785.30	ug/l	98
30) Chloroform	7.708	83	799728	137.78	ug/l	99
31) Cyclohexane	7.979	56	629471	138.15	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	746927	140.91	ug/l	99
36) 1,1-Dichloropropene	8.108	75	621179	145.84	ug/l	99
37) Ethyl Acetate	7.291	43	237296	147.78	ug/l	99
38) Carbon Tetrachloride	8.097	117	669960	145.04	ug/l	94
39) Methylcyclohexane	9.355	83	745740	160.13	ug/l	98
40) Benzene	8.350	78	1727770	146.61	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	134526m	141.21	ug/l	
42) 1,2-Dichloroethane	8.426	62	523252	142.04	ug/l	100
43) Isopropyl Acetate	8.456	43	468857	155.72	ug/l	99
44) Trichloroethene	9.114	130	459274	146.59	ug/l	97
45) 1,2-Dichloropropane	9.385	63	426509	146.99	ug/l	99
46) Dibromomethane	9.473	93	241248	144.65	ug/l	98
47) Bromodichloromethane	9.661	83	639755	145.89	ug/l	97
48) Methyl methacrylate	9.455	41	238556	160.71	ug/l	98
49) 1,4-Dioxane	9.461	88	57881	3001.45	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	1229640	797.85	ug/l	99
52) Toluene	10.402	92	1146349	153.27	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	596117	156.43	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	687066	152.48	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	322833	145.76	ug/l #	90
56) Ethyl methacrylate	10.661	69	411774	172.41	ug/l	96
57) 1,3-Dichloropropane	10.944	76	569098	152.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1063331	829.12	ug/l	99
59) 2-Hexanone	10.979	43	838591	806.16	ug/l	99
60) Dibromochloromethane	11.138	129	428109	145.27	ug/l	97
61) 1,2-Dibromoethane	11.244	107	319289	148.52	ug/l	96
64) Tetrachloroethene	10.873	164	364259	140.32	ug/l	93
65) Chlorobenzene	11.667	112	1201101	146.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	460897	148.16	ug/l	97
67) Ethyl Benzene	11.744	91	2313988	158.77	ug/l	98
68) m/p-Xylenes	11.849	106	1719089	313.70	ug/l	99
69) o-Xylene	12.179	106	792052	161.22	ug/l	99
70) Styrene	12.191	104	1396647	160.97	ug/l	99
71) Bromoform	12.355	173	231506	145.20	ug/l #	100
73) Isopropylbenzene	12.473	105	2166759	163.36	ug/l	99
74) N-amyl acetate	12.285	43	471612	169.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	370516	142.48	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	241259m	149.97	ug/l	
77) Bromobenzene	12.755	156	464454	151.25	ug/l	100
78) n-propylbenzene	12.814	91	2591939	159.07	ug/l	99
79) 2-Chlorotoluene	12.902	91	1424501	156.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1801502	159.54	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	120669	157.39	ug/l	95
82) 4-Chlorotoluene	13.002	91	1491124	153.28	ug/l	98
83) tert-Butylbenzene	13.220	119	1496301	162.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1827349	161.97	ug/l	99
85) sec-Butylbenzene	13.396	105	2136668	160.41	ug/l	99
86) p-Isopropyltoluene	13.508	119	1986277	161.56	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	921289	149.50	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	883084	145.39	ug/l	99
89) n-Butylbenzene	13.838	91	1880138	161.17	ug/l	99
90) Hexachloroethane	14.102	117	373783	147.90	ug/l	100
91) 1,2-Dichlorobenzene	13.885	146	791245	147.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	61749	144.37	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	496613	156.24	ug/l	98
94) Hexachlorobutadiene	15.261	225	260012	141.25	ug/l	95
95) Naphthalene	15.390	128	1021315	174.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	433546	157.92	ug/l	99

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

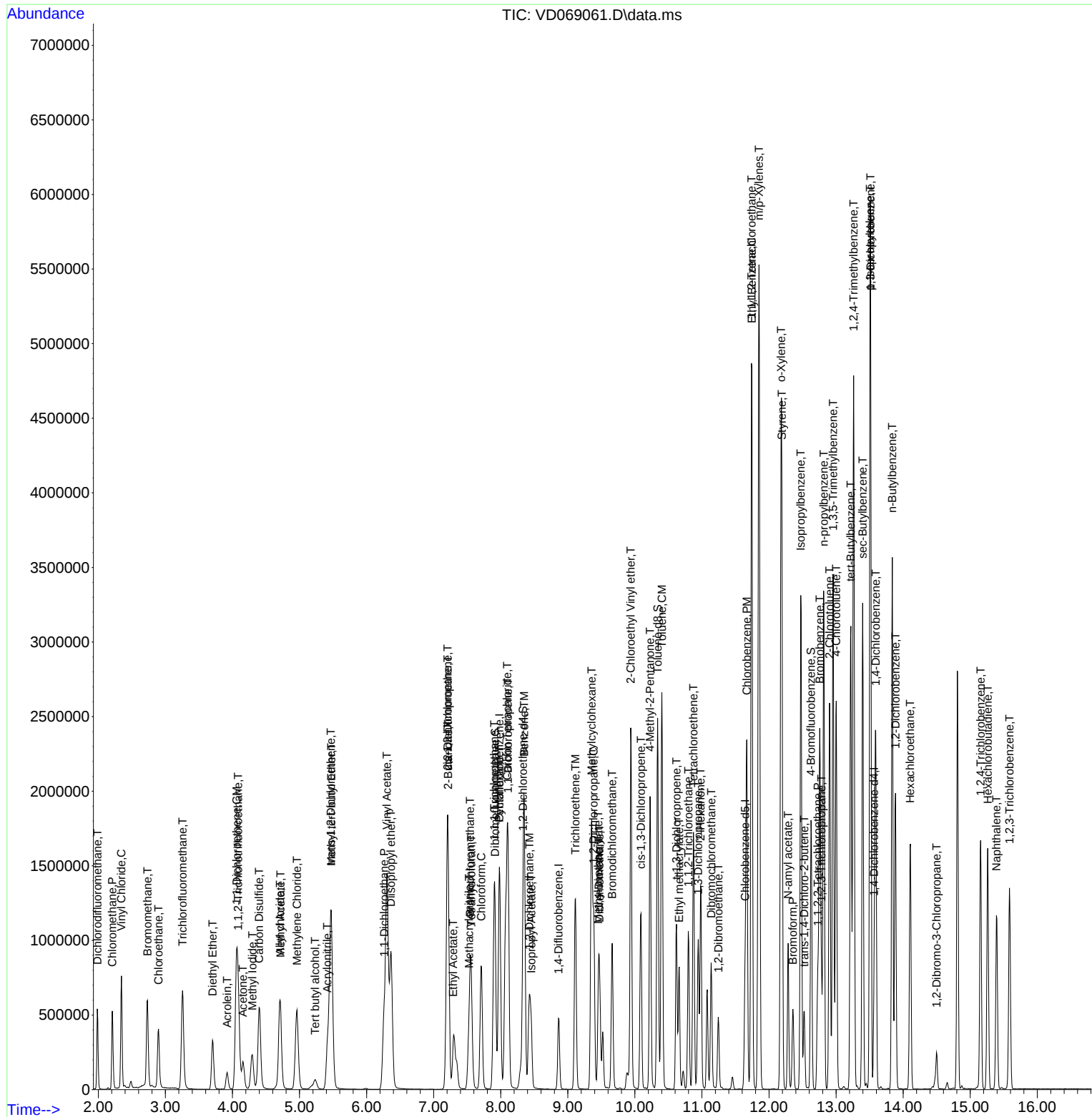
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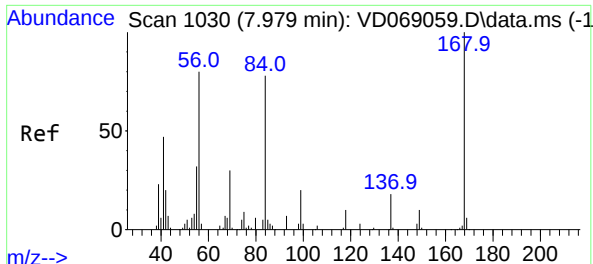
Instrument :
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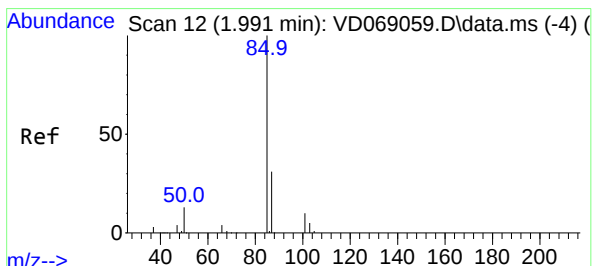
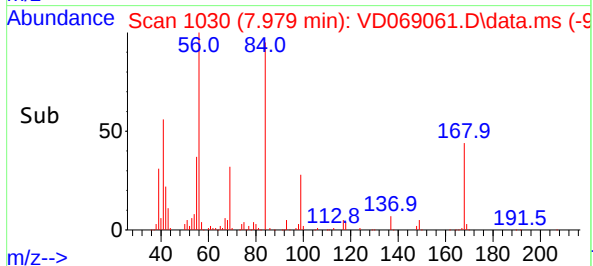
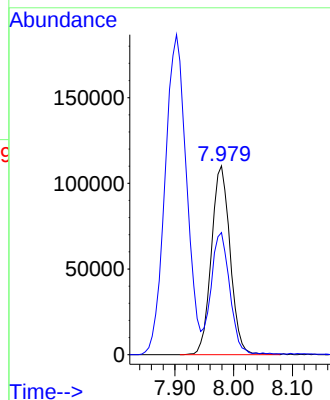
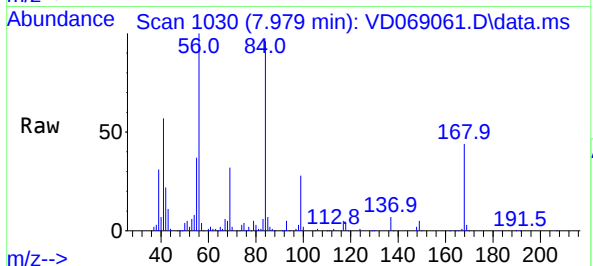
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 168 Resp: 243770
Ion Ratio Lower Upper
168 100
99 64.2 52.6 78.8

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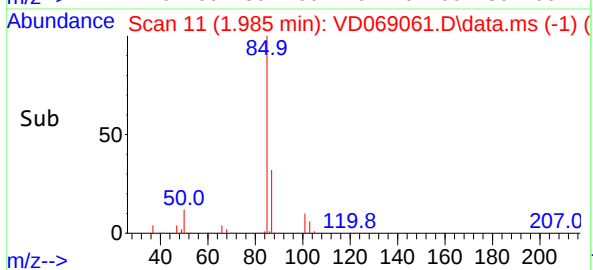
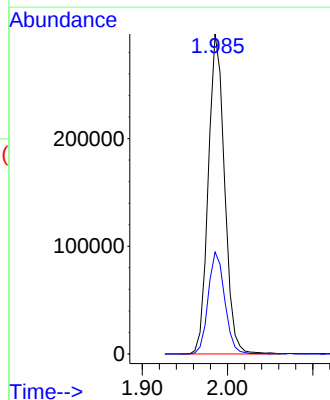
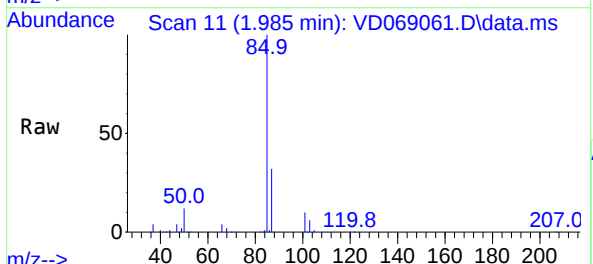
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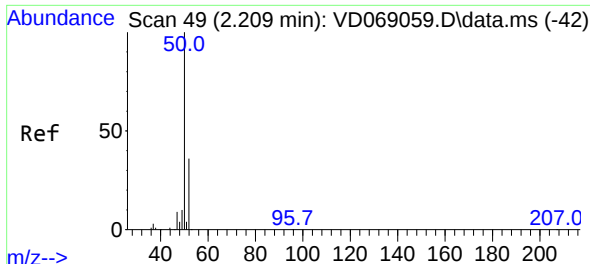
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#2
Dichlorodifluoromethane
Concen: 132.82 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

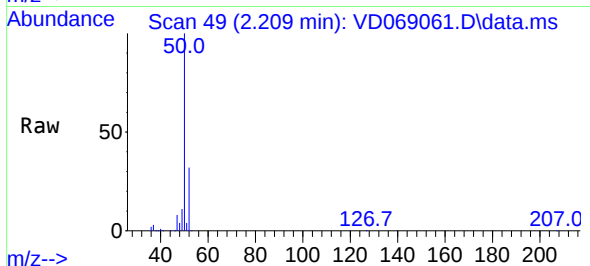
Tgt Ion: 85 Resp: 393767
Ion Ratio Lower Upper
85 100
87 31.8 15.4 46.2





#3
Chloromethane
Concen: 129.54 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

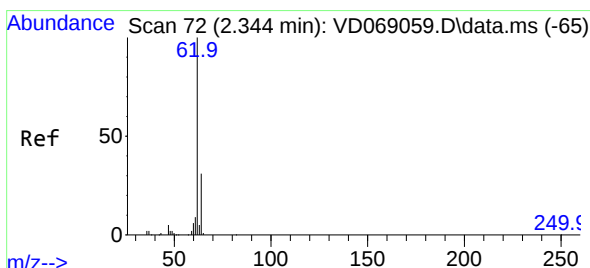
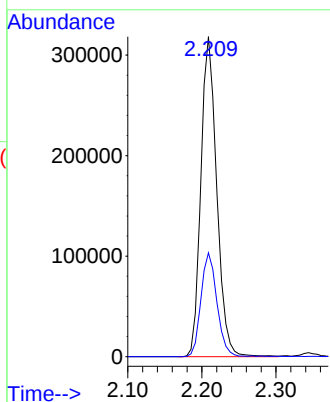
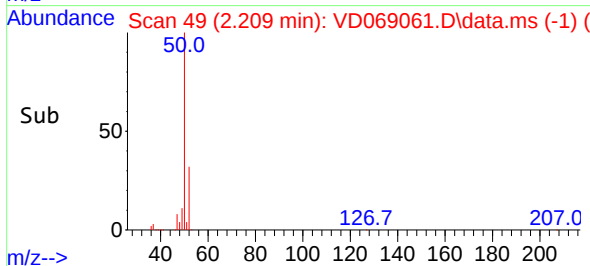
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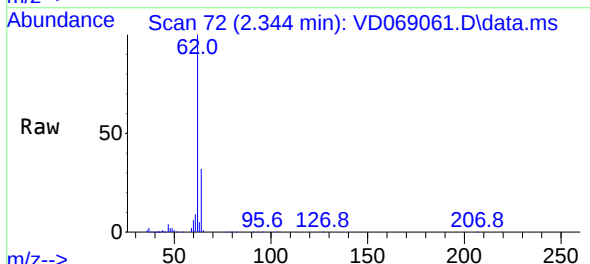
Tgt Ion: 50 Resp: 472637
Ion Ratio Lower Upper
50 100
52 32.5 28.5 42.7

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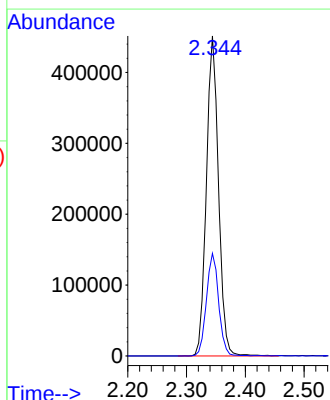
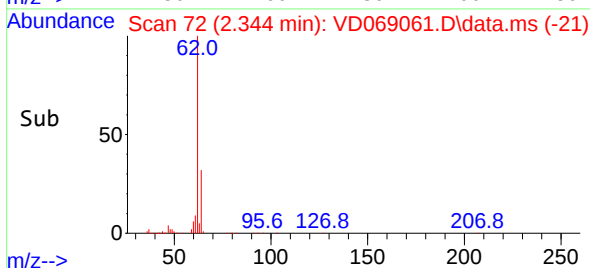
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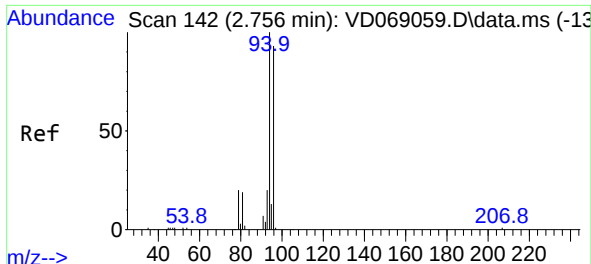


#4
Vinyl Chloride
Concen: 134.03 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion: 62 Resp: 646698
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





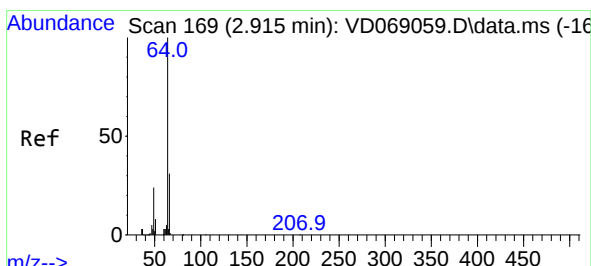
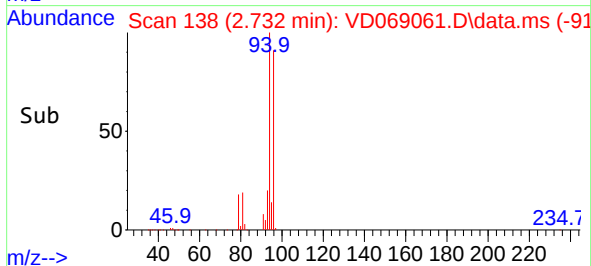
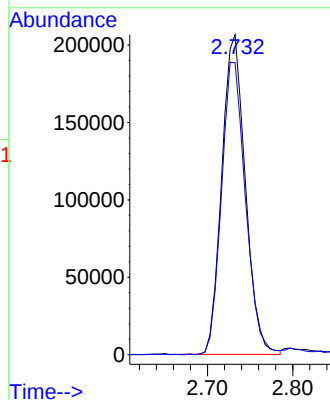
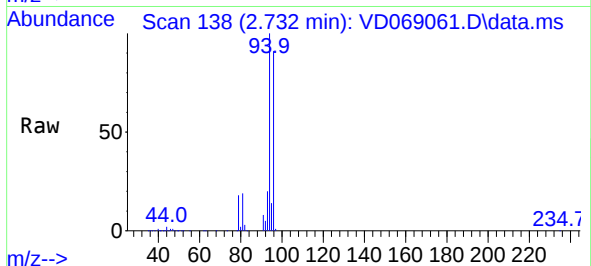
#5
Bromomethane
Concen: 137.86 ug/l
RT: 2.732 min Scan# 138
Delta R.T. -0.024 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 94 Resp: 395756
Ion Ratio Lower Upper
94 100
96 91.3 74.3 111.5

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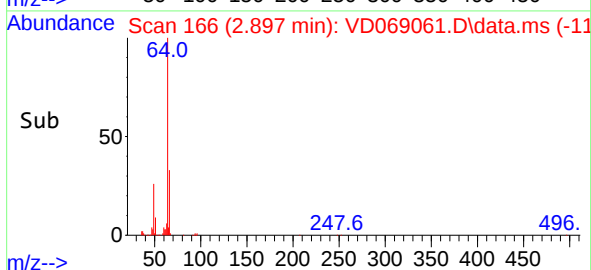
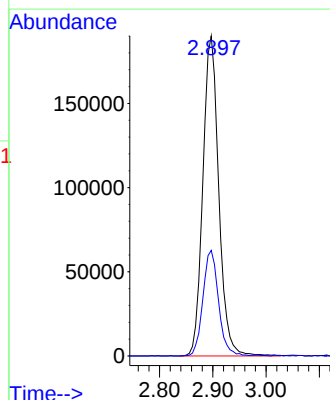
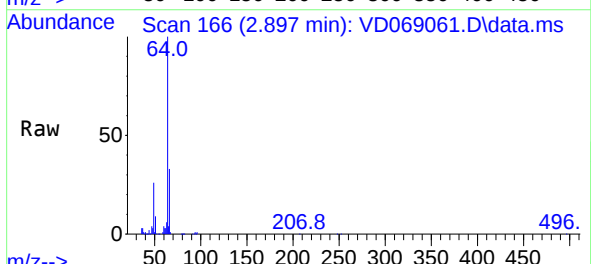
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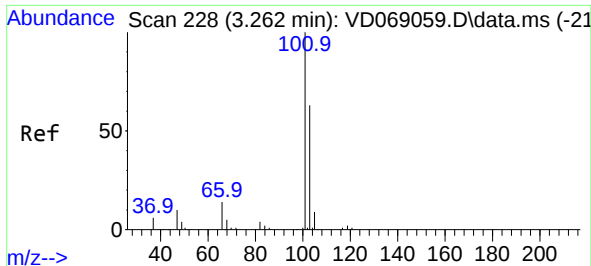
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#6
Chloroethane
Concen: 140.51 ug/l
RT: 2.897 min Scan# 166
Delta R.T. -0.018 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 64 Resp: 394217
Ion Ratio Lower Upper
64 100
66 33.0 24.7 37.1





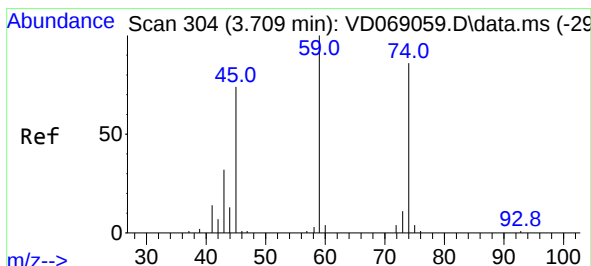
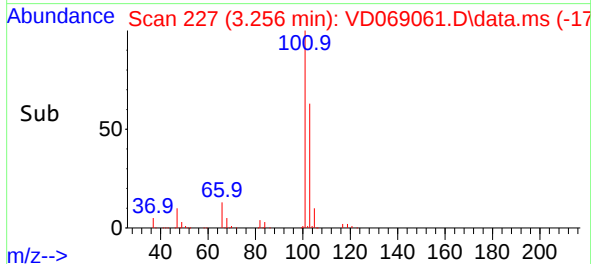
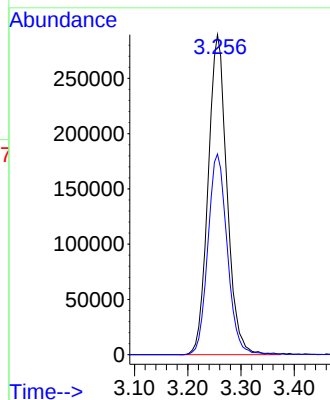
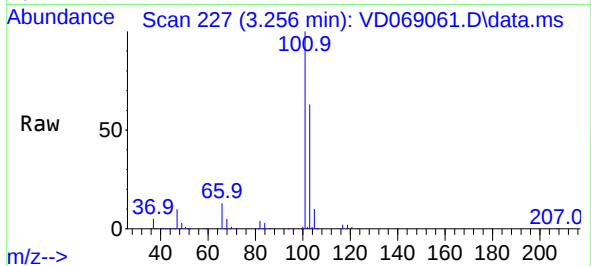
#7
Trichlorofluoromethane
Concen: 134.19 ug/l
RT: 3.256 min Scan# 227
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:101 Resp: 711007
Ion Ratio Lower Upper
101 100
103 62.7 50.2 75.2

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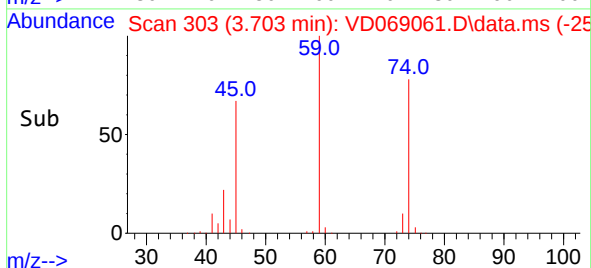
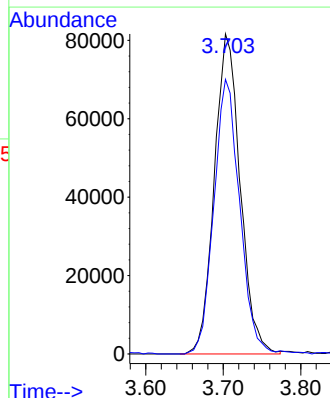
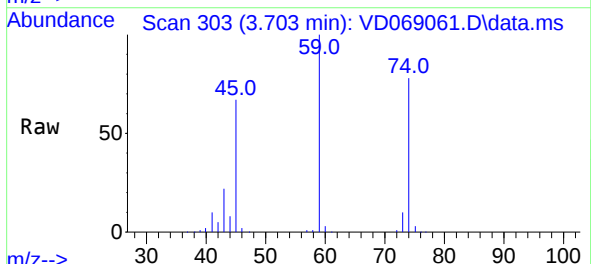
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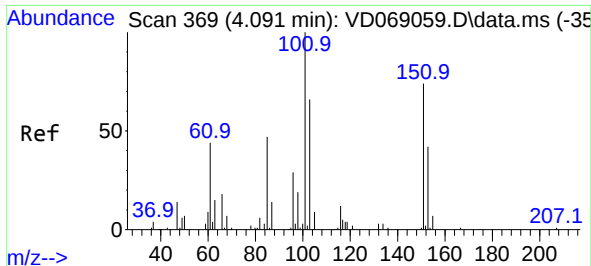
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#8
Diethyl Ether
Concen: 146.96 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069061.D
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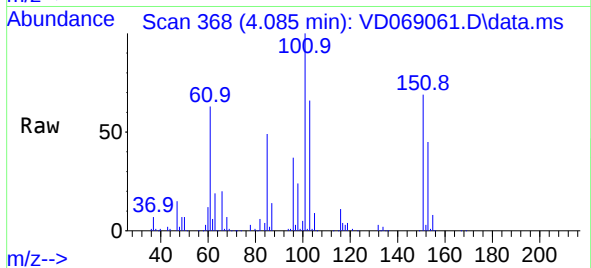
Tgt Ion: 74 Resp: 189152
Ion Ratio Lower Upper
74 100
45 85.5 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.51 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

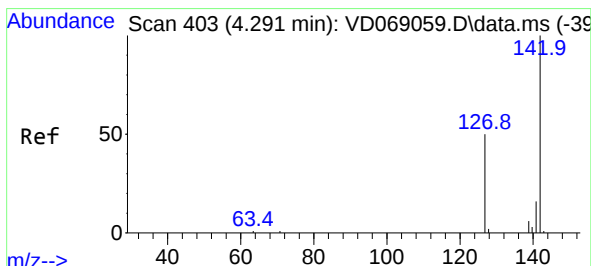
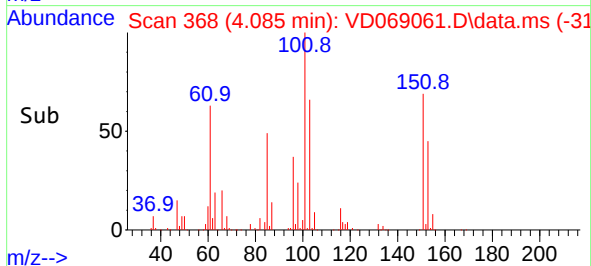
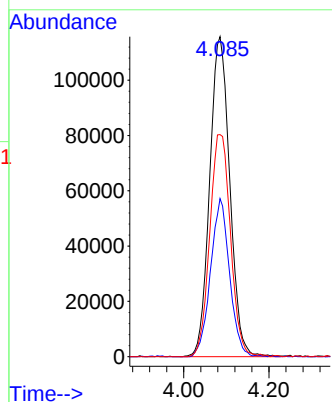
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



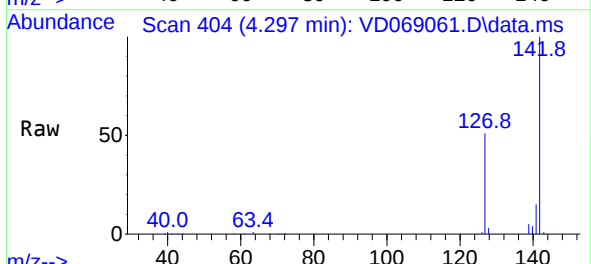
Tgt Ion:101 Resp: 378794
Ion Ratio Lower Upper
101 100
85 46.8 38.1 57.1
151 71.5 57.9 86.9

Manual Integrations
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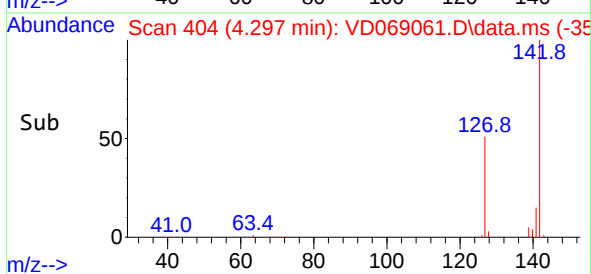
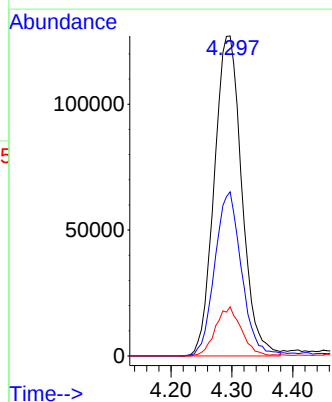
MMDadoda
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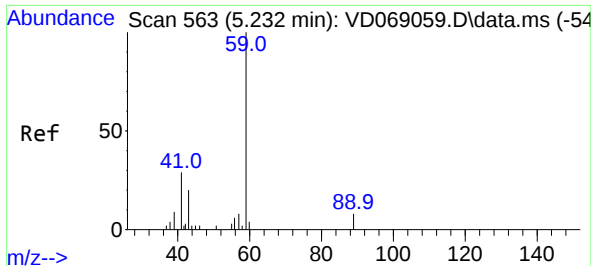


#10
Methyl Iodide
Concen: 179.11 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion:142 Resp: 399459
Ion Ratio Lower Upper
142 100
127 50.3 41.6 62.4
141 14.3 12.2 18.4





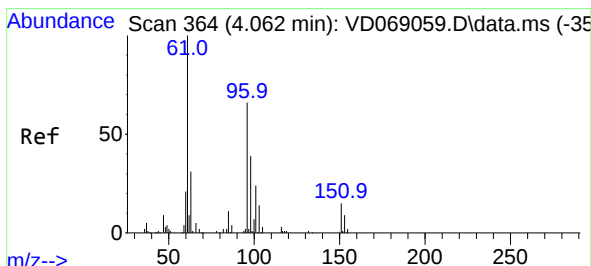
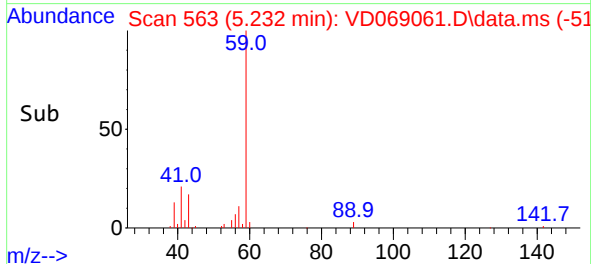
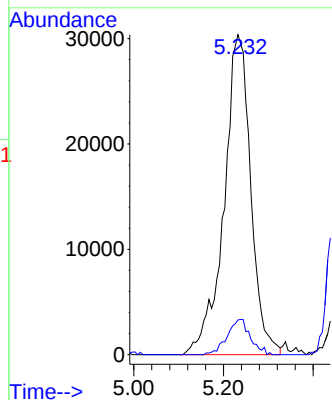
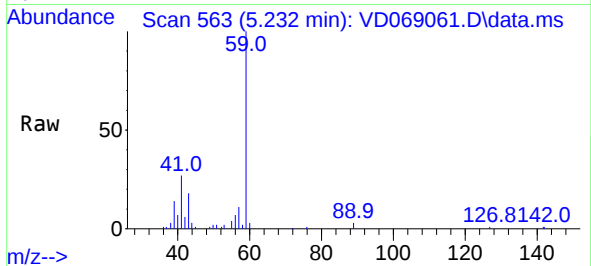
#11
Tert butyl alcohol
Concen: 430.18 ug/l
RT: 5.232 min Scan# 563
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 59 Resp: 126123
Ion Ratio Lower Upper
59 100
57 9.6 5.3 7.9#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

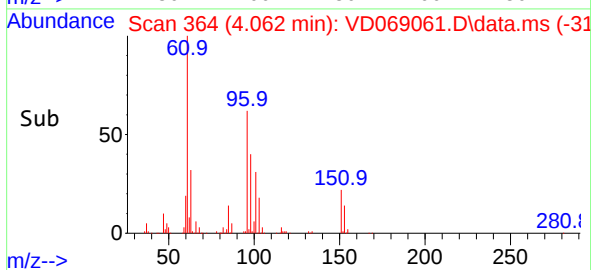
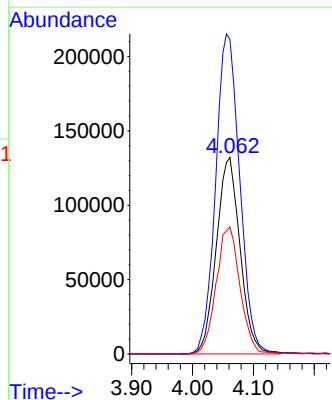
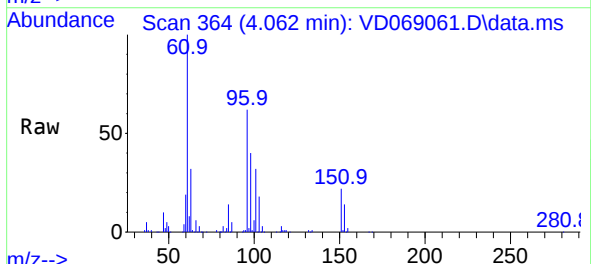
Manual Integrations
APPROVED

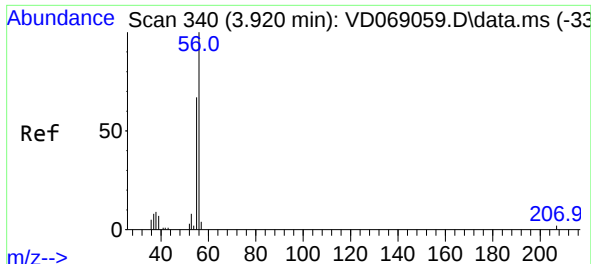
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#12
1,1-Dichloroethene
Concen: 139.93 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 96 Resp: 357446
Ion Ratio Lower Upper
96 100
61 160.0 121.8 182.8
98 64.6 47.3 70.9





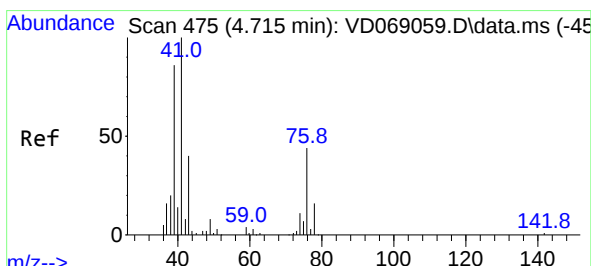
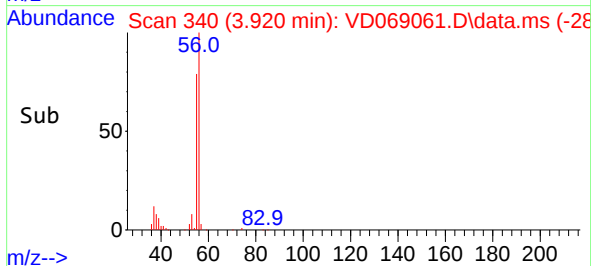
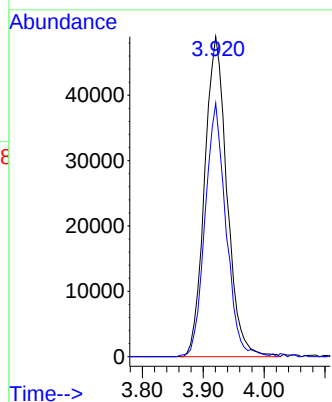
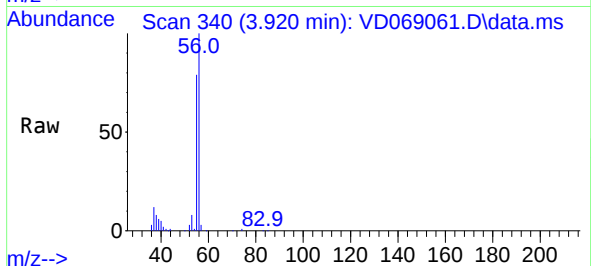
#13
Acrolein
Concen: 663.66 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 56 Resp: 124943
Ion Ratio Lower Upper
56 100
55 74.3 56.0 84.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

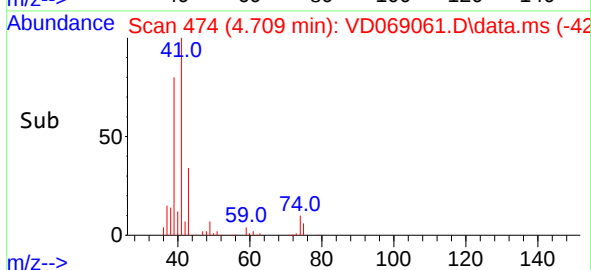
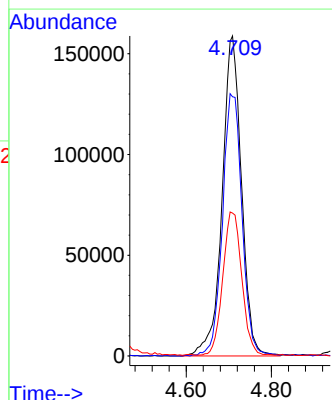
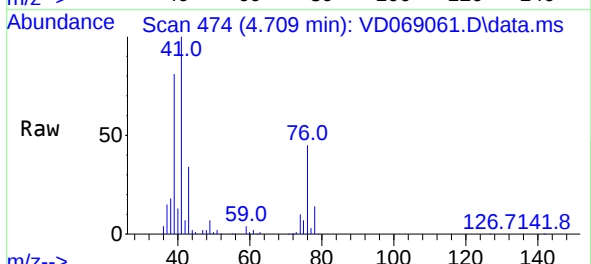
Manual Integrations
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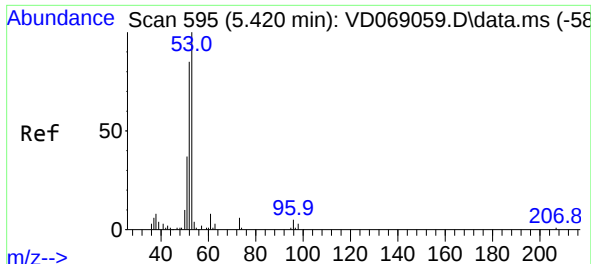
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#14
Allyl chloride
Concen: 151.98 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

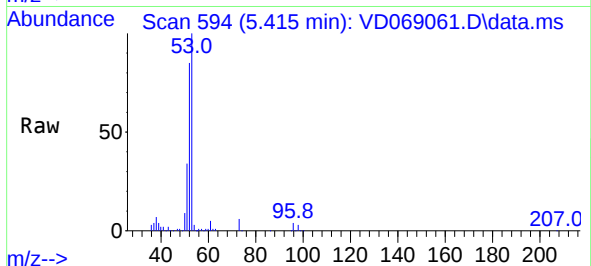
Tgt Ion: 41 Resp: 500310
Ion Ratio Lower Upper
41 100
39 83.0 67.5 101.3
76 43.8 35.1 52.7





#15
Acrylonitrile
Concen: 742.15 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

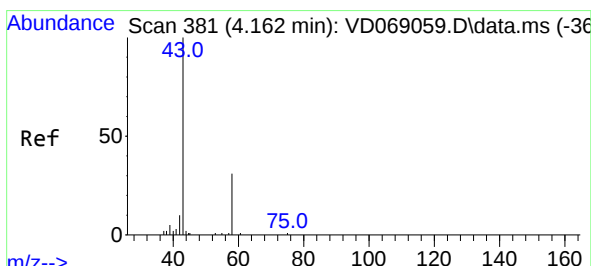
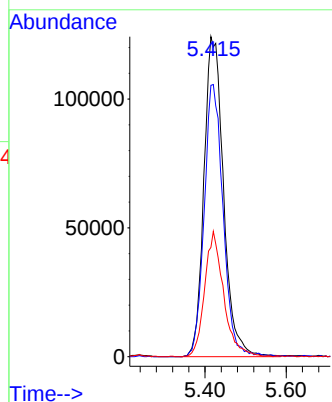
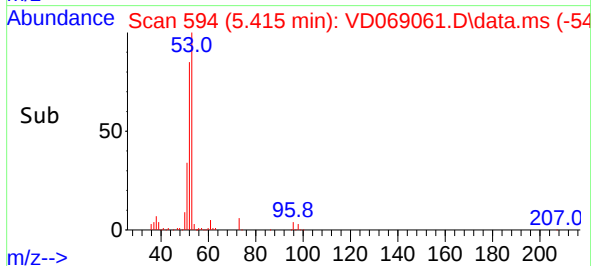
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



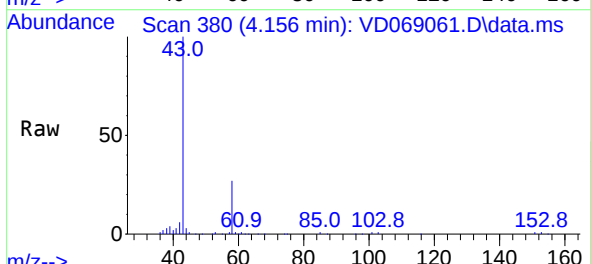
Tgt Ion: 53 Resp: 415227
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 38.0 30.6 45.8

Manual Integrations
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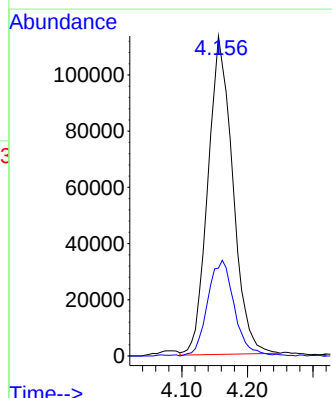
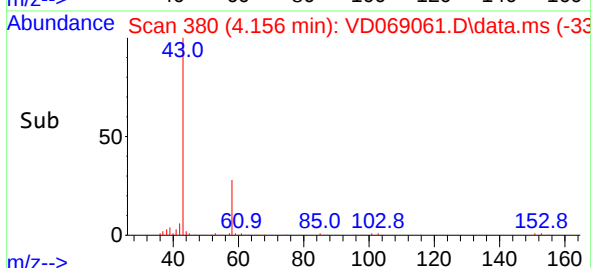
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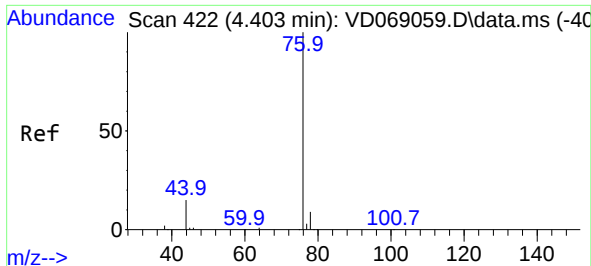


#16
Acetone
Concen: 594.34 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion: 43 Resp: 298205
Ion Ratio Lower Upper
43 100
58 27.7 24.5 36.7





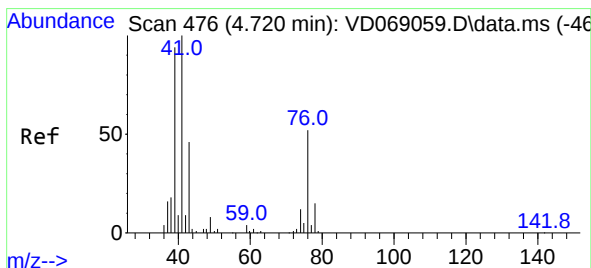
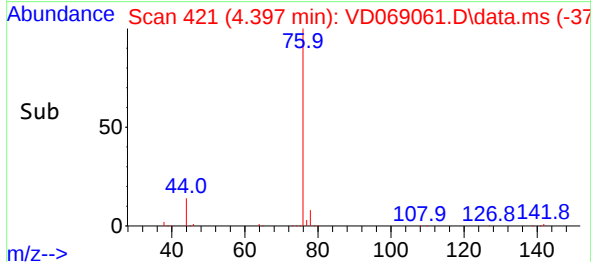
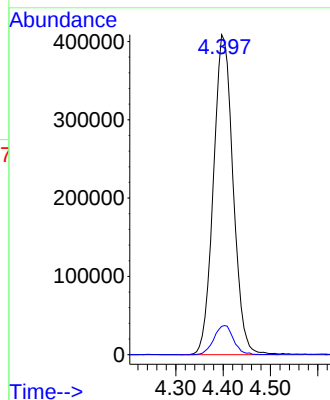
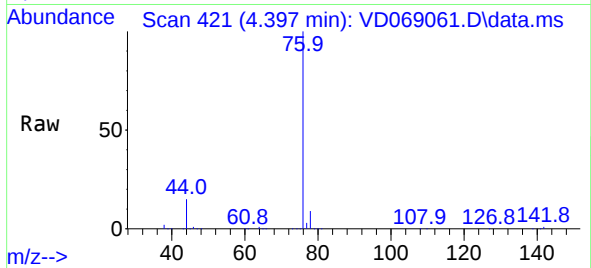
#17
Carbon Disulfide
Concen: 136.66 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 76 Resp: 1180249
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

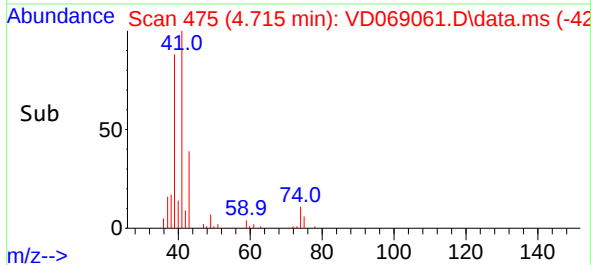
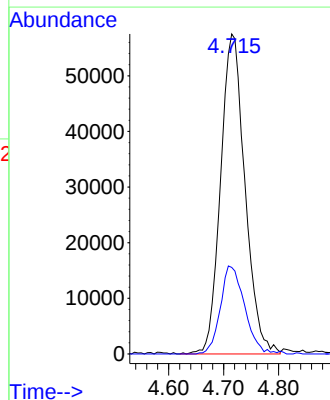
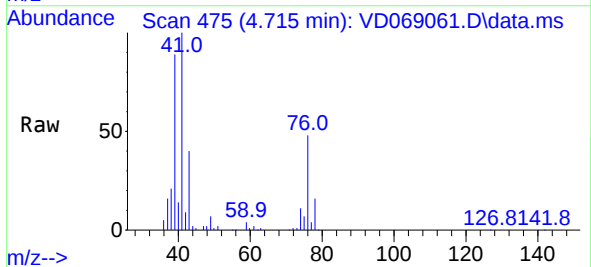
Manual Integrations
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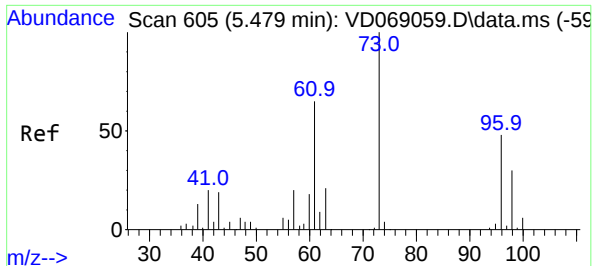
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#18
Methyl Acetate
Concen: 144.75 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 177108
Ion Ratio Lower Upper
43 100
74 27.3 23.3 34.9





#19

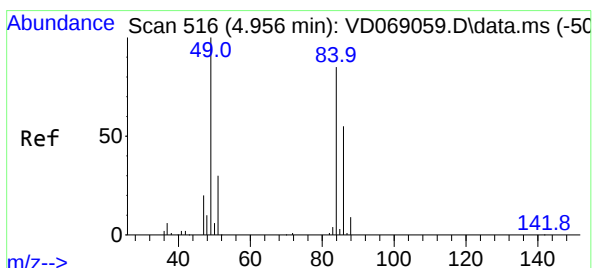
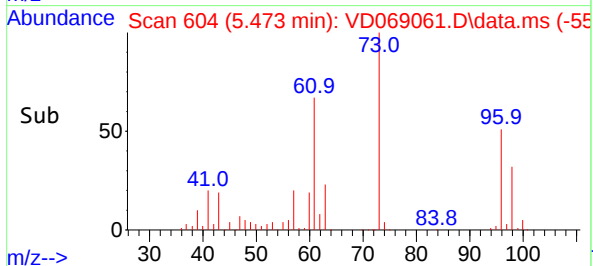
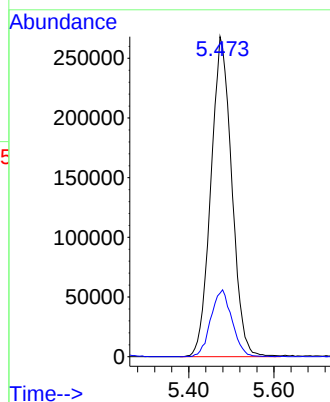
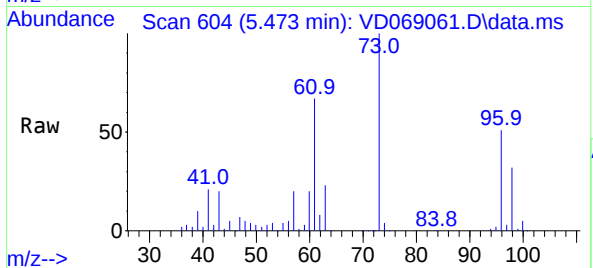
Methyl tert-butyl Ether
Concen: 156.45 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 73 Resp: 913488
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
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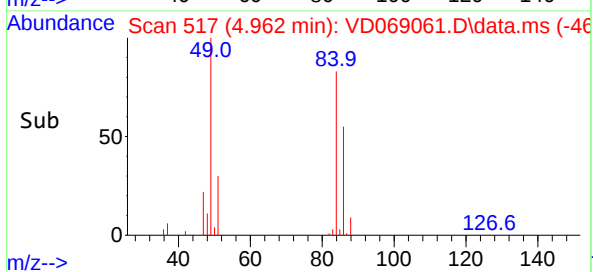
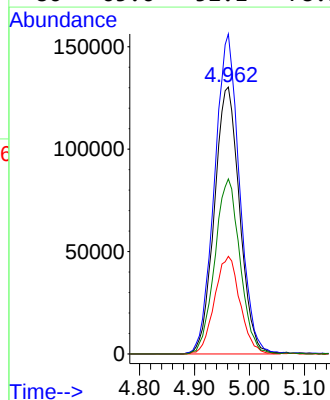
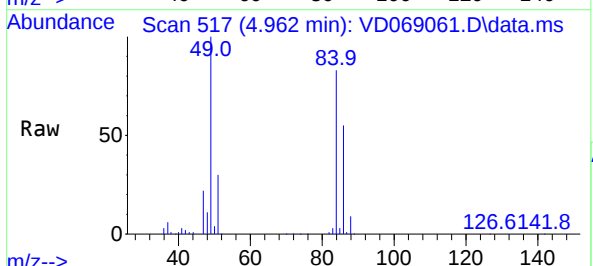
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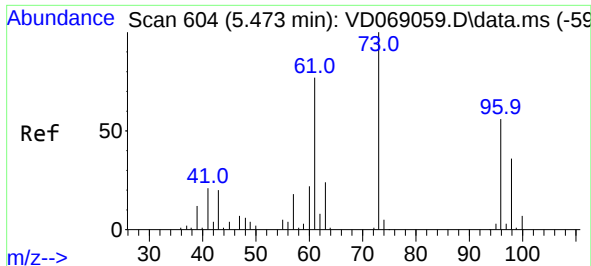


#20

Methylene Chloride
Concen: 107.39 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 84 Resp: 415622
Ion Ratio Lower Upper
84 100
49 119.9 93.9 140.9
51 36.6 27.9 41.9
86 65.6 52.1 78.1





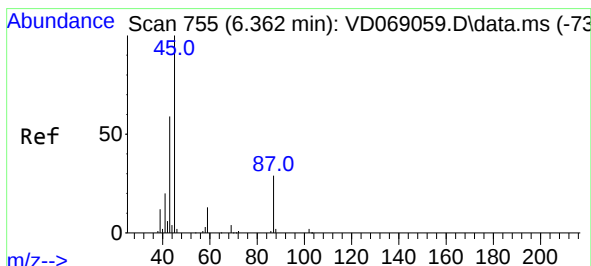
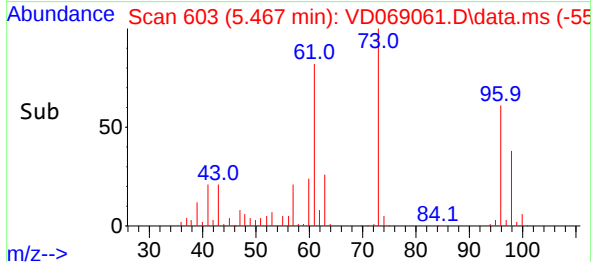
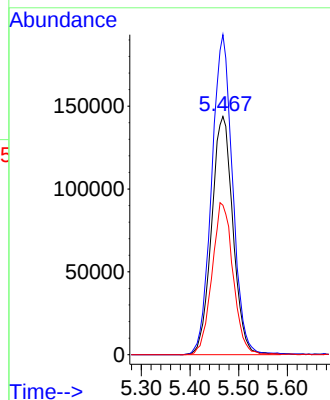
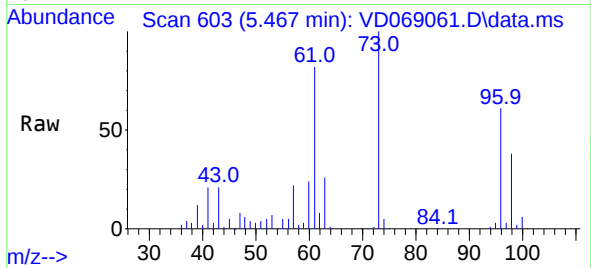
#21
trans-1,2-Dichloroethene
Concen: 144.13 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 96 Resp: 437456
Ion Ratio Lower Upper
96 100
61 134.3 109.0 163.4
98 62.8 51.2 76.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

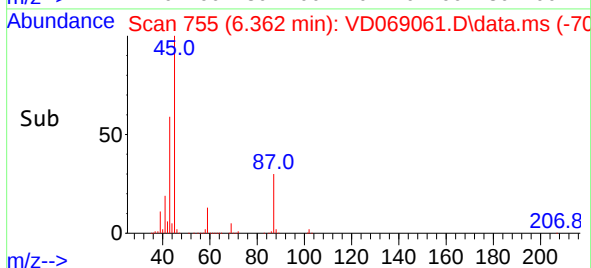
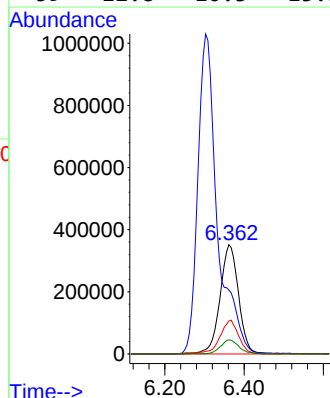
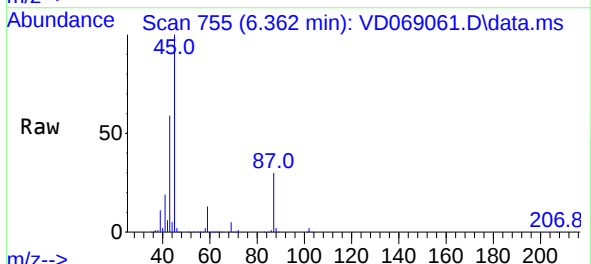
Manual Integrations
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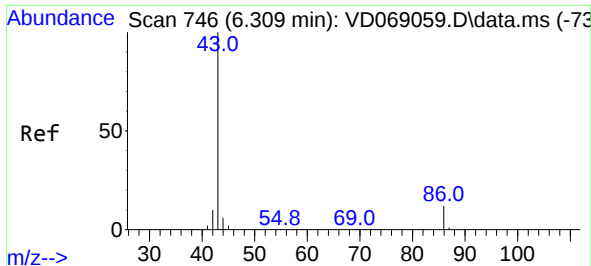
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#22
Diisopropyl ether
Concen: 154.69 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 45 Resp: 1136537
Ion Ratio Lower Upper
45 100
43 58.0 48.0 72.0
87 30.0 23.6 35.4
59 12.8 10.3 15.5





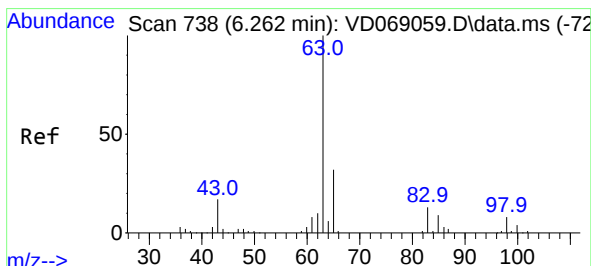
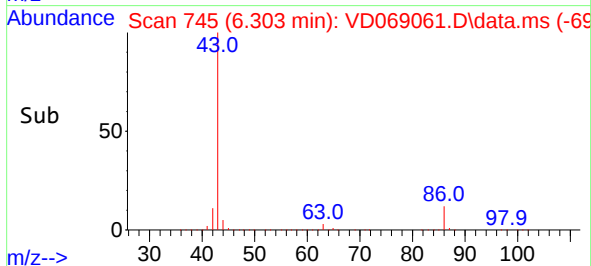
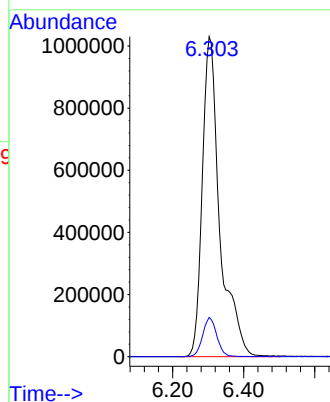
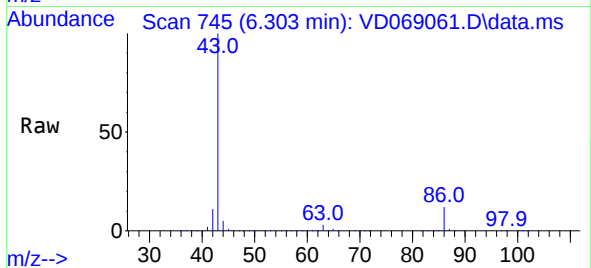
#23
 Vinyl Acetate
 Concen: 859.97 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069061.D
 Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 3534544
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

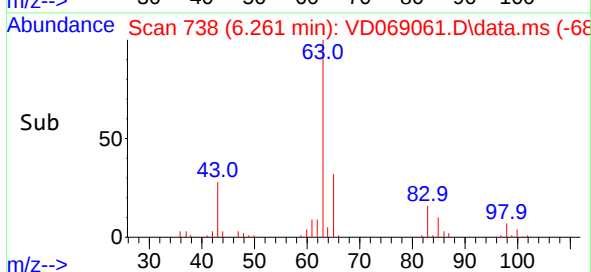
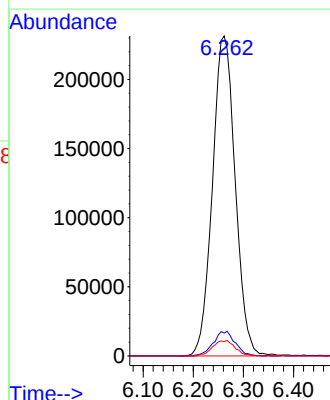
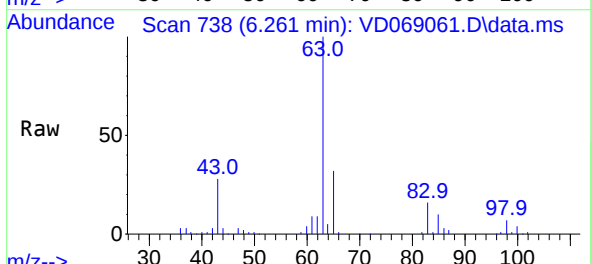
Manual Integrations
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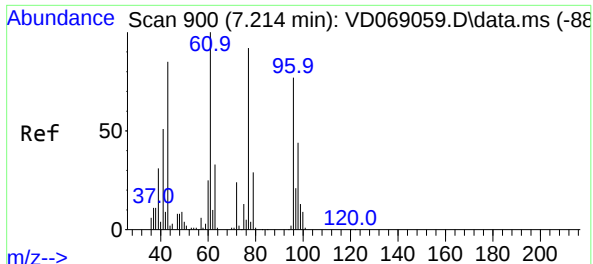
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#24
 1,1-Dichloroethane
 Concen: 140.71 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069061.D
 Acq: 04 May 2021 12:04

Tgt Ion: 63 Resp: 730187
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.5 2.1 6.5





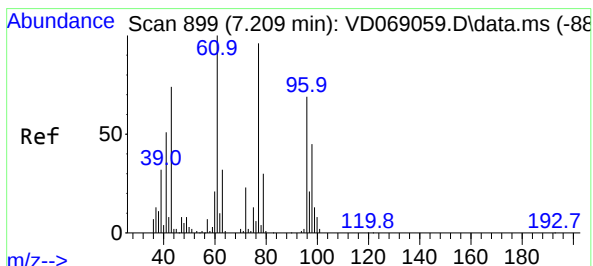
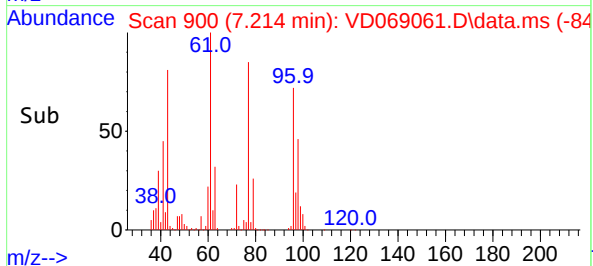
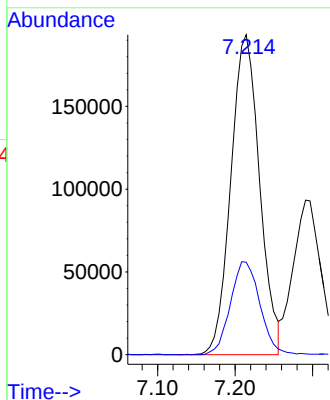
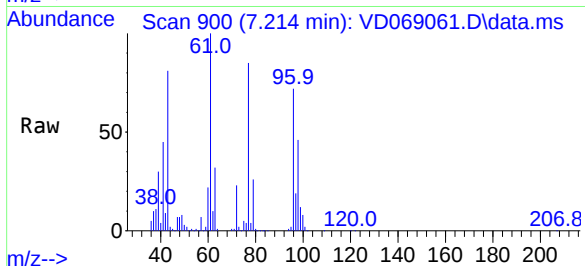
#25
2-Butanone
Concen: 742.57 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 498744
Ion Ratio Lower Upper
43 100
72 28.9 23.0 34.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

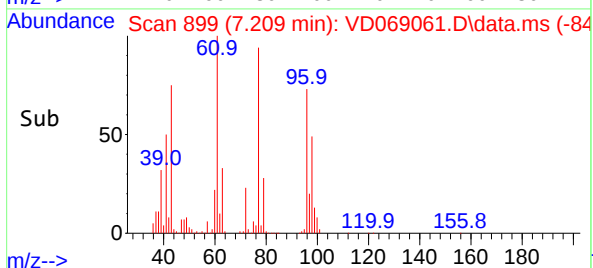
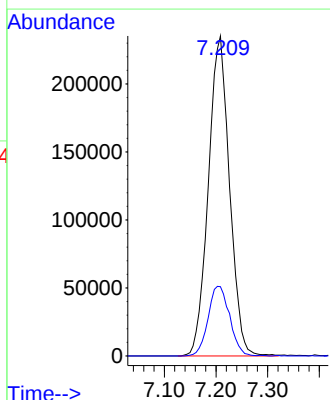
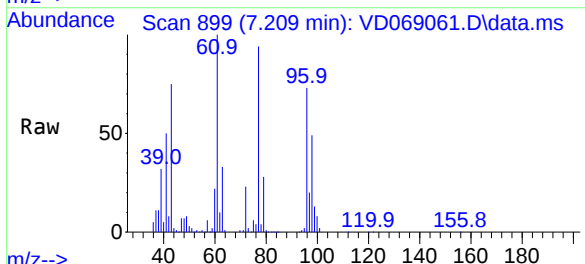
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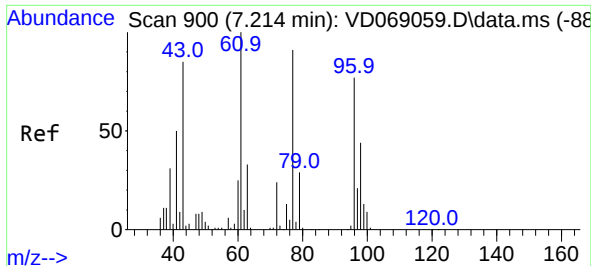
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#26
2,2-Dichloropropane
Concen: 138.28 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 77 Resp: 670313
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





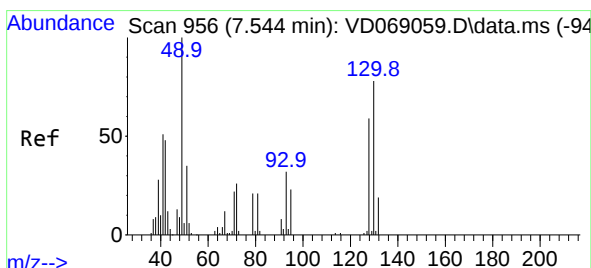
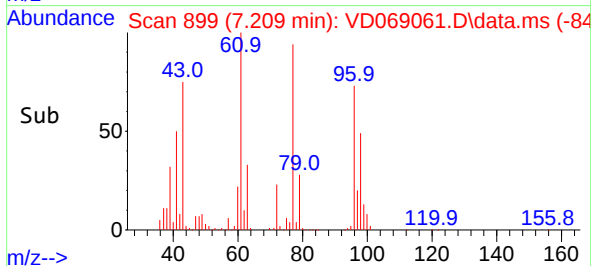
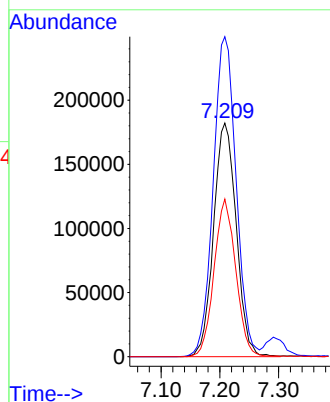
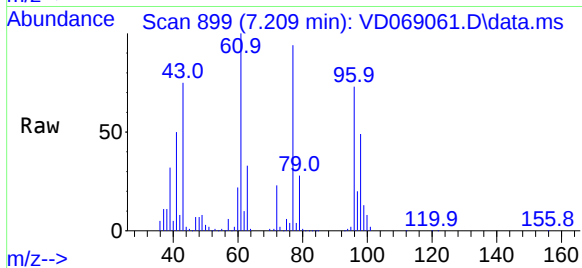
#27
cis-1,2-Dichloroethene
Concen: 149.04 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 96 Resp: 488253
Ion Ratio Lower Upper
96 100
61 138.5 0.0 278.0
98 64.8 0.0 126.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

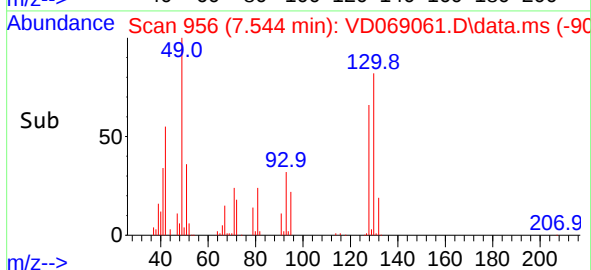
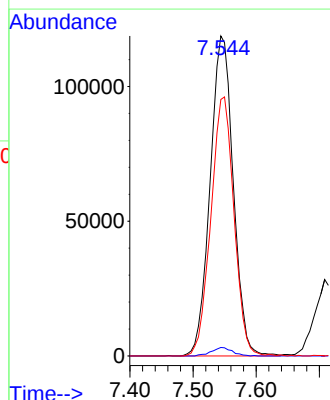
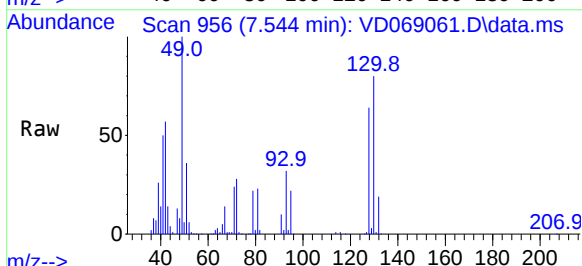
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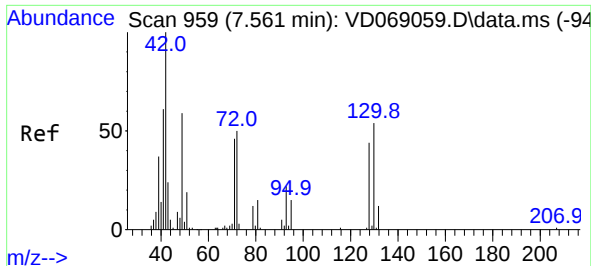
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#28
Bromochloromethane
Concen: 144.39 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 49 Resp: 302513
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 80.6 64.9 97.3





#29

Tetrahydrofuran

Concen: 785.30 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069061.D

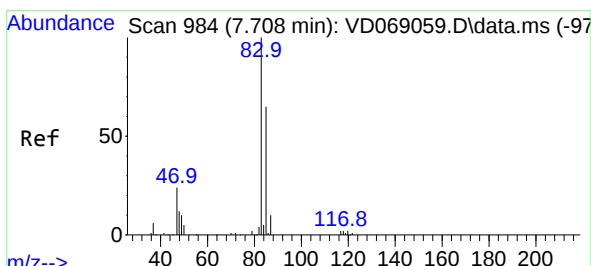
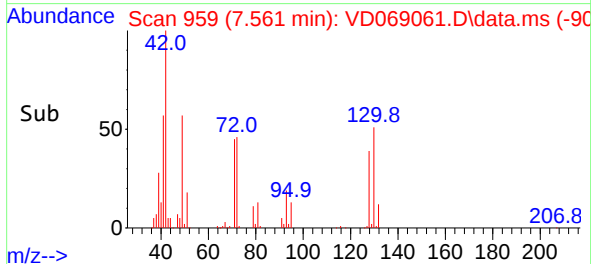
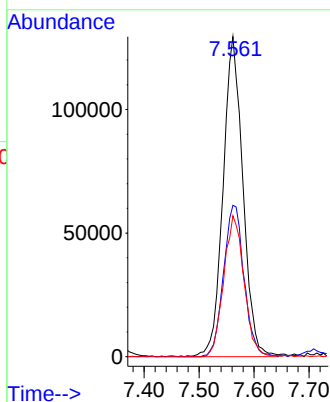
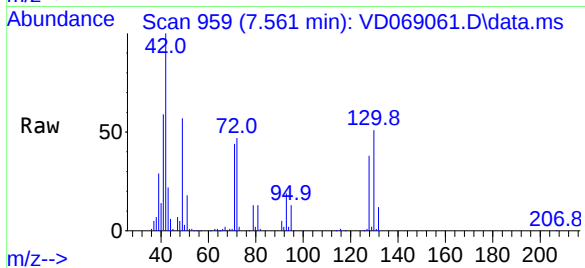
Acq: 04 May 2021 12:04

Tgt Ion:	42	Resp:	324454
Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.4	59.0
71	45.1	38.4	57.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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#30

Chloroform

Concen: 137.78 ug/l

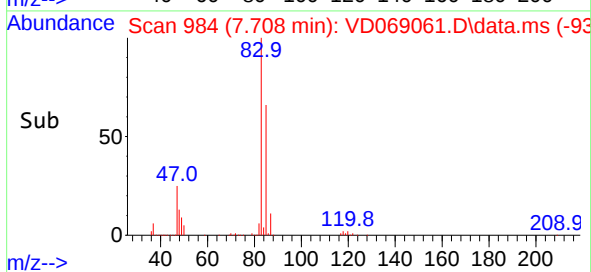
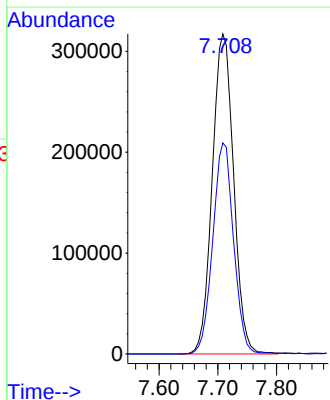
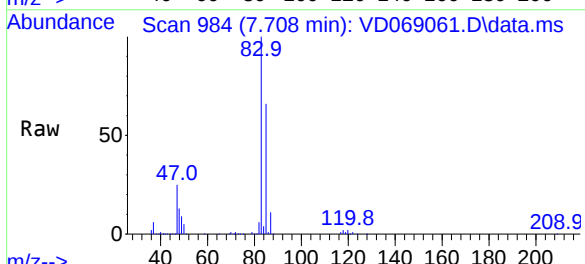
RT: 7.708 min Scan# 984

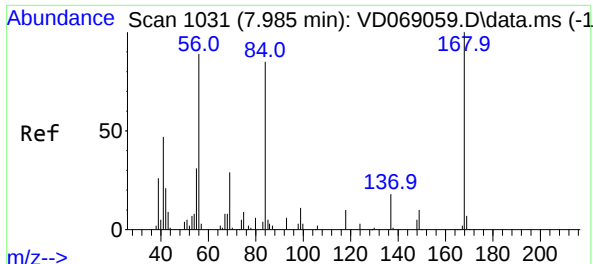
Delta R.T. -0.000 min

Lab File: VD069061.D

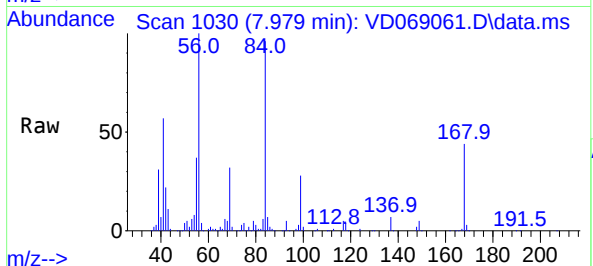
Acq: 04 May 2021 12:04

Tgt Ion:	83	Resp:	799728
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.4	78.6

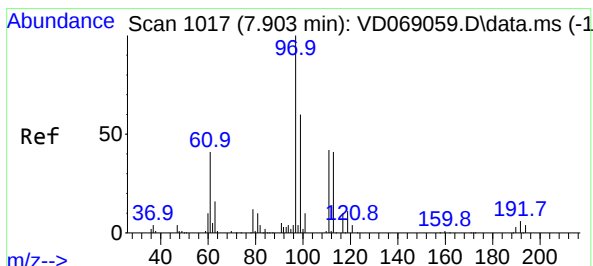
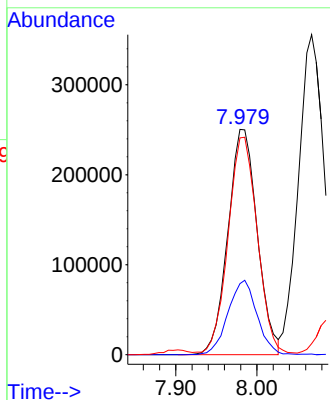
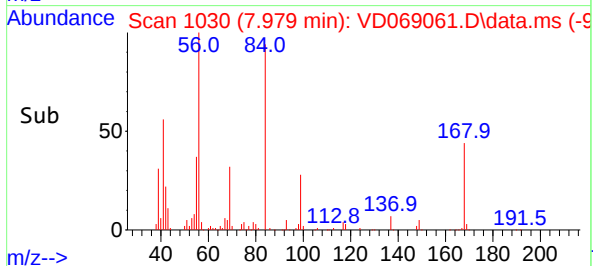




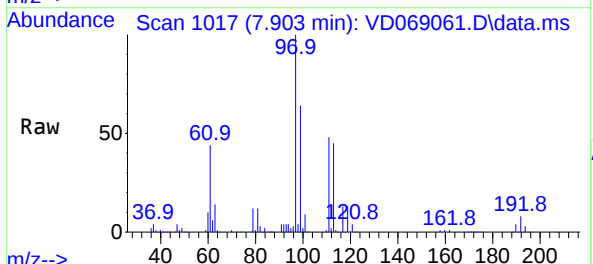
#31
Cyclohexane
Concen: 138.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



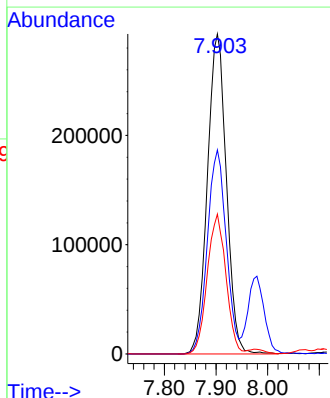
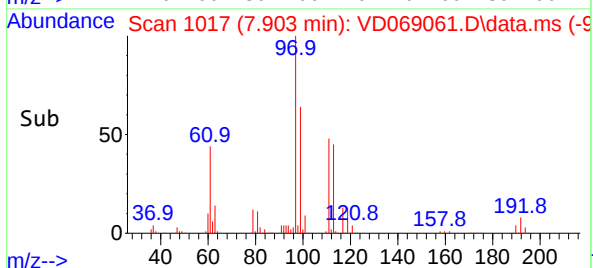
Tgt Ion: 56 Resp: 629471
Ion Ratio Lower Upper
56 100
69 31.5 26.3 39.5
84 94.1 75.9 113.9



#32
1,1,1-Trichloroethane
Concen: 140.91 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



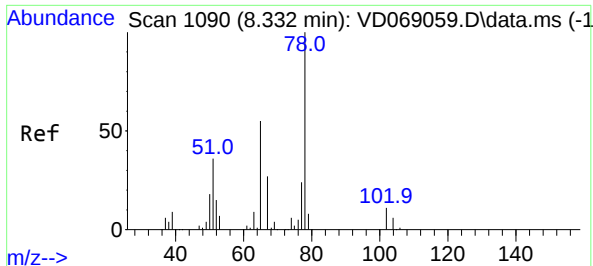
Tgt Ion: 97 Resp: 746927
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 43.1 34.6 52.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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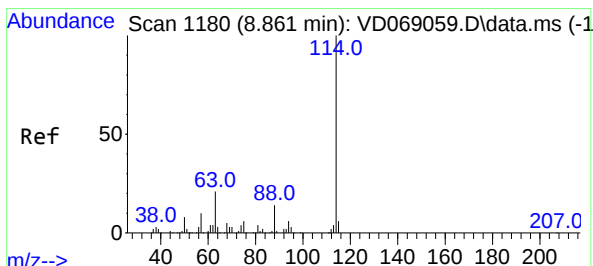
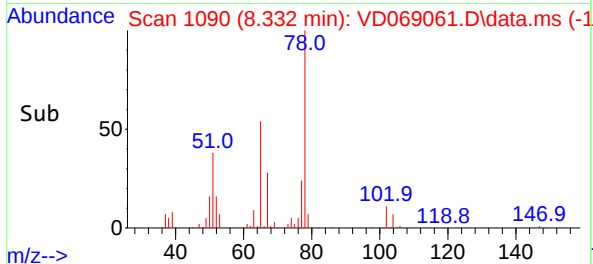
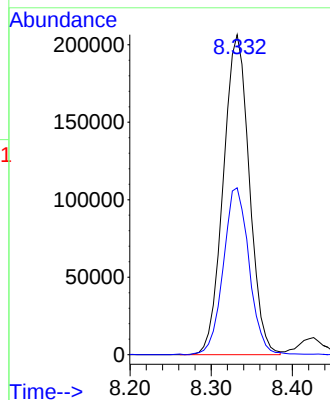
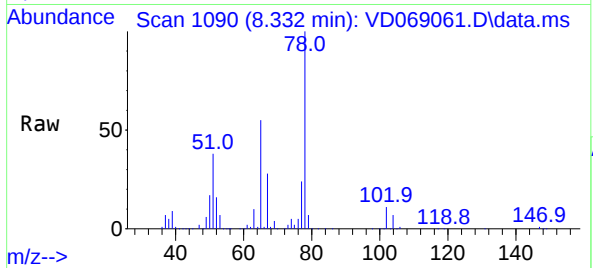
#33
1,2-Dichloroethane-d4
Concen: 146.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 65 Resp: 459497
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

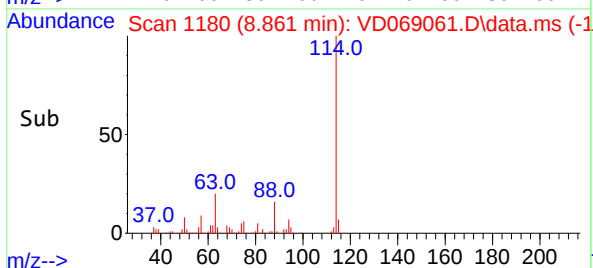
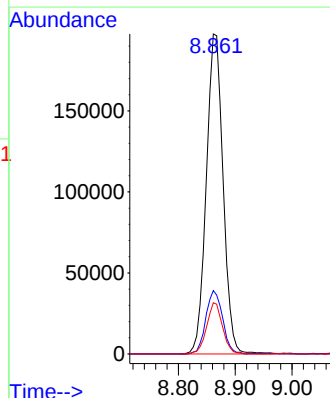
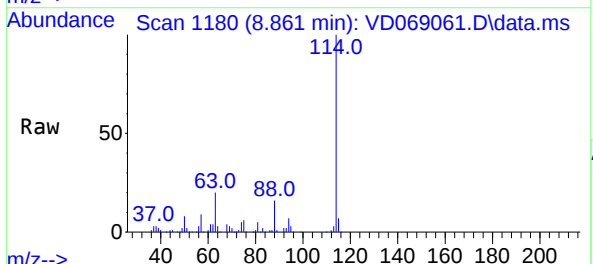
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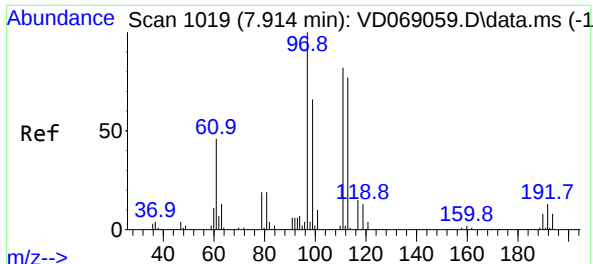
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 114 Resp: 404819
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.4
88 16.0 0.0 27.8





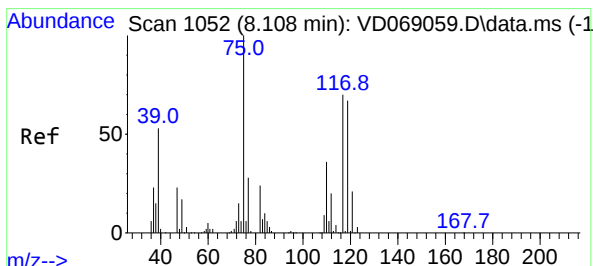
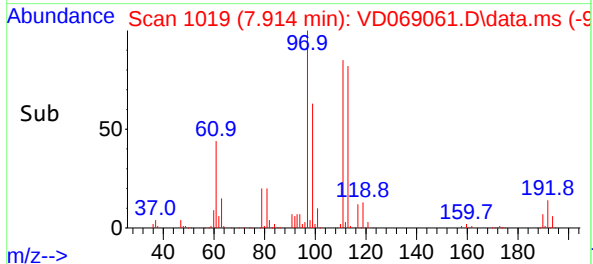
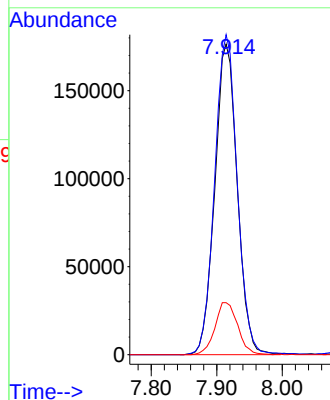
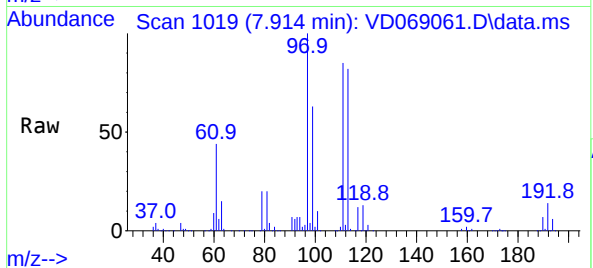
#35
Dibromofluoromethane
Concen: 151.14 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:113 Resp: 419576
Ion Ratio Lower Upper
113 100
111 103.5 84.6 126.8
192 17.0 13.5 20.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

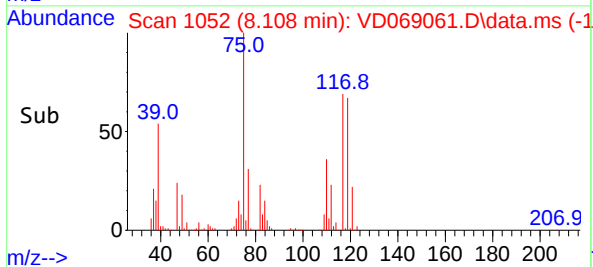
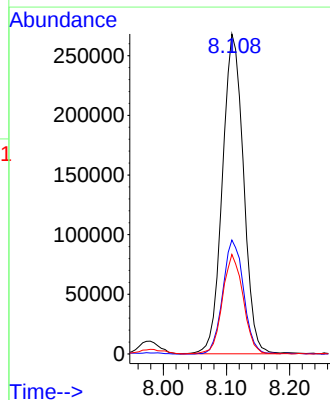
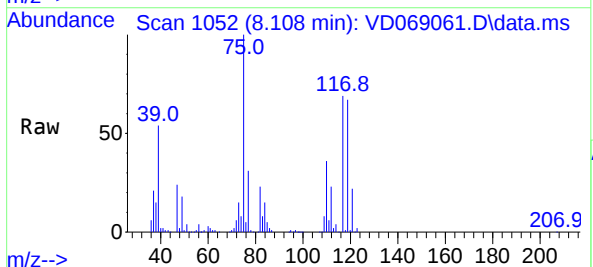
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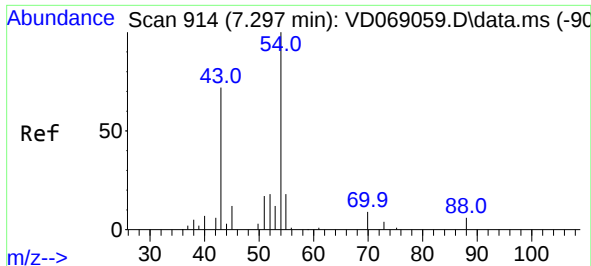
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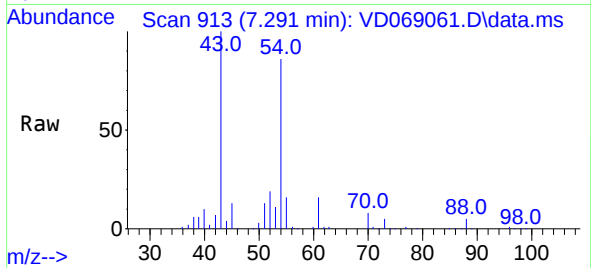
#36
1,1-Dichloropropene
Concen: 145.84 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 75 Resp: 621179
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.7
77 30.7 23.9 35.9

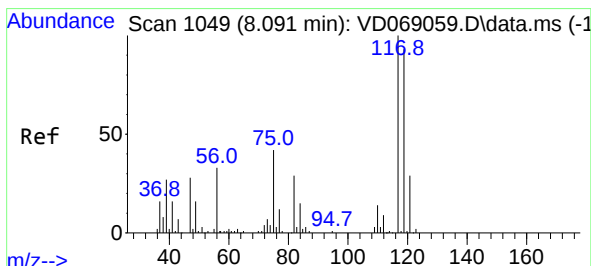
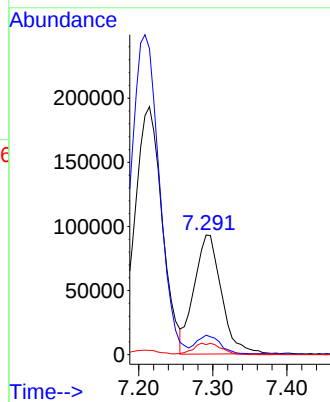
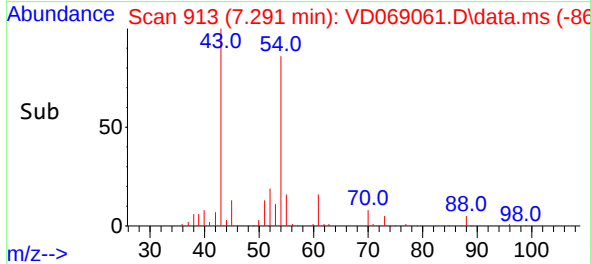




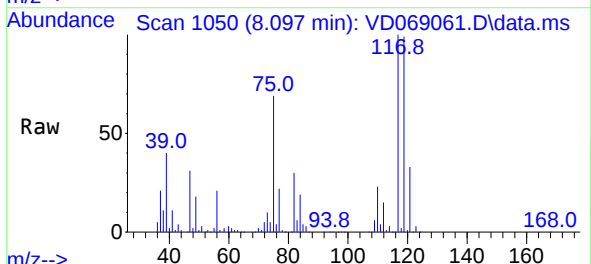
#37
Ethyl Acetate
Concen: 147.78 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



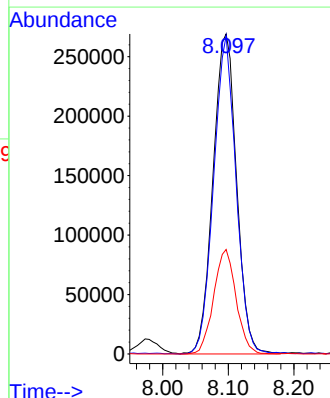
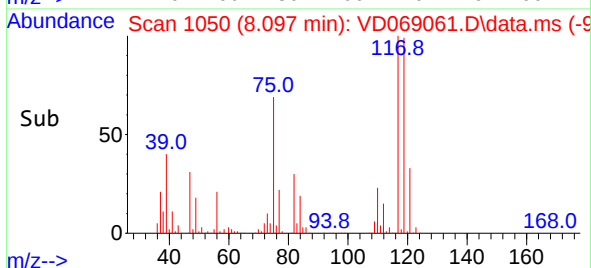
Tgt Ion: 43 Resp: 237296
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 145.04 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



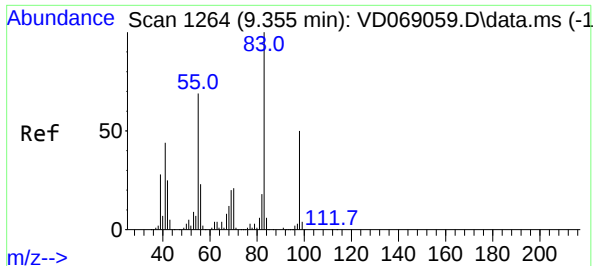
Tgt Ion: 117 Resp: 669960
Ion Ratio Lower Upper
117 100
119 99.4 74.7 112.1
121 32.7 23.1 34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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#39

Methylcyclohexane

Concen: 160.13 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069061.D

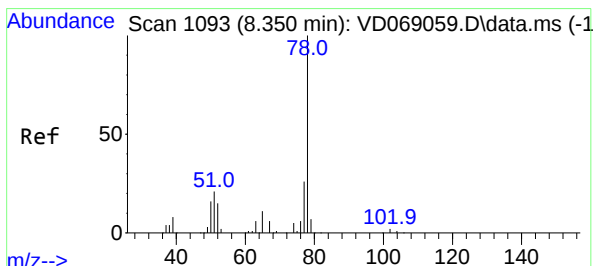
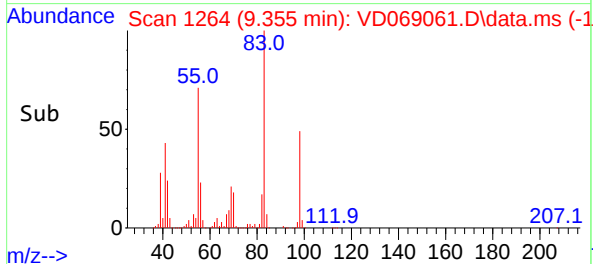
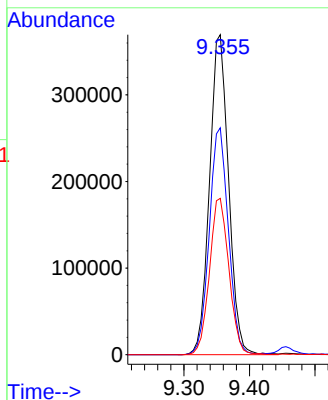
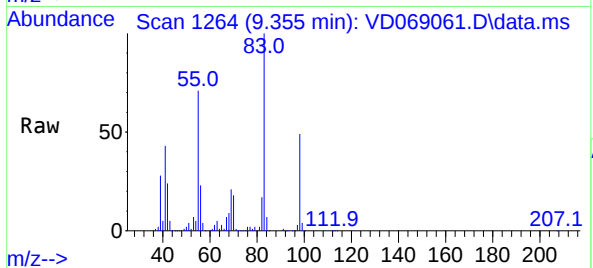
Acq: 04 May 2021 12:04

Tgt Ion:	83	Resp:	745740
Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.6	83.4
98	48.9	39.8	59.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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#40

Benzene

Concen: 146.61 ug/l

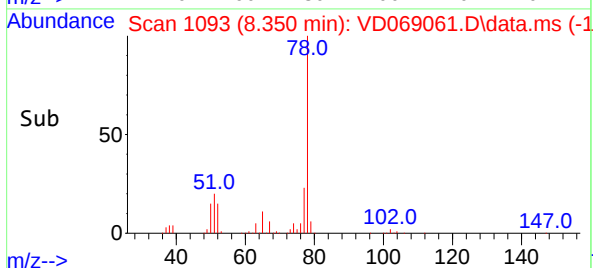
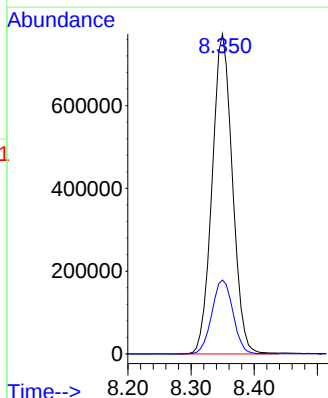
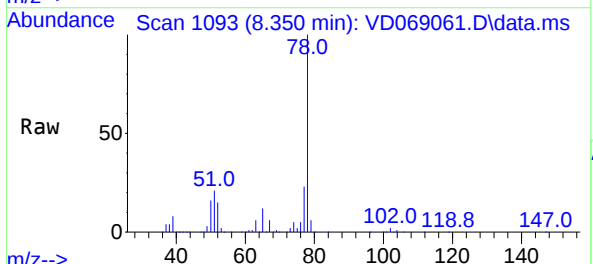
RT: 8.350 min Scan# 1093

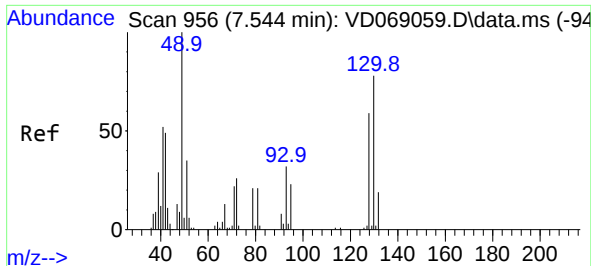
Delta R.T. -0.000 min

Lab File: VD069061.D

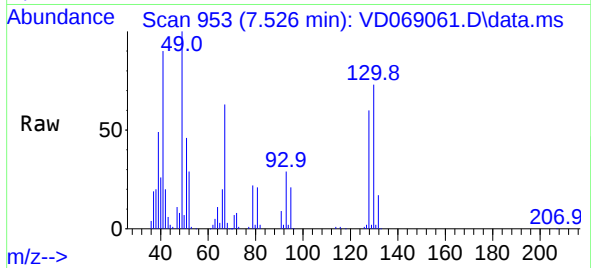
Acq: 04 May 2021 12:04

Tgt Ion:	78	Resp:	1727770
Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.5	30.7

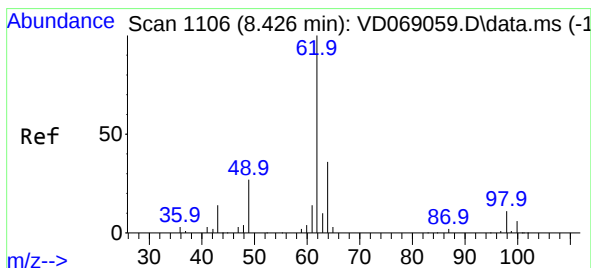
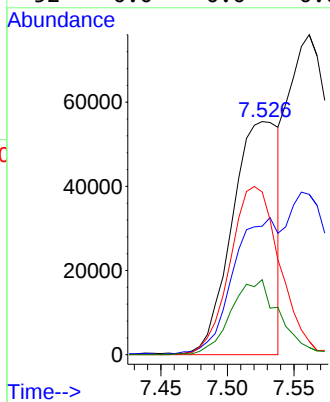
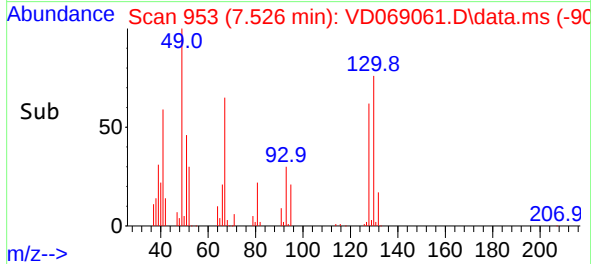




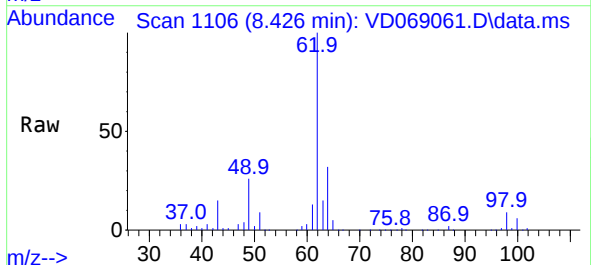
#41
Methacrylonitrile
Concen: 141.21 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.018 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



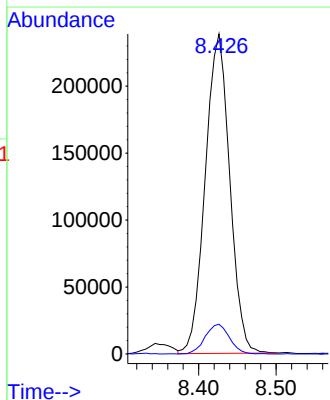
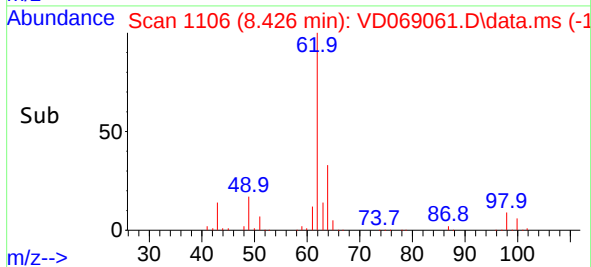
Tgt Ion: 41 Resp: 134526
Ion Ratio Lower Upper
41 100
39 60.2 55.4 83.2
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 142.04 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



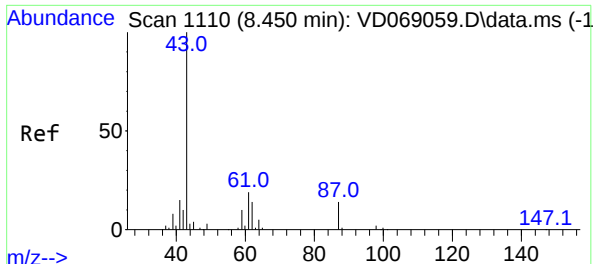
Tgt Ion: 62 Resp: 523252
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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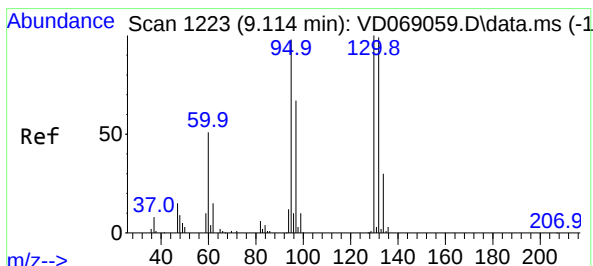
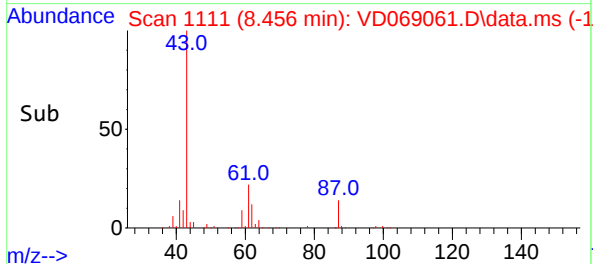
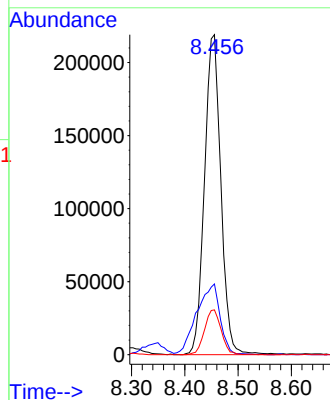
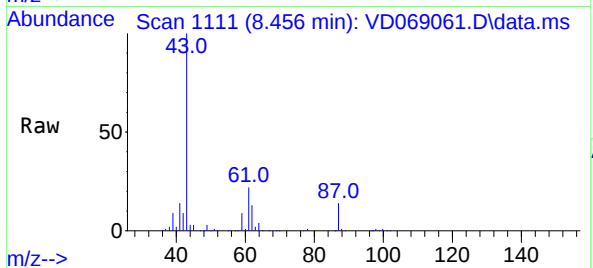
#43
Isopropyl Acetate
Concen: 155.72 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 468857
Ion Ratio Lower Upper
43 100
61 31.6 26.1 39.1
87 14.2 11.7 17.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

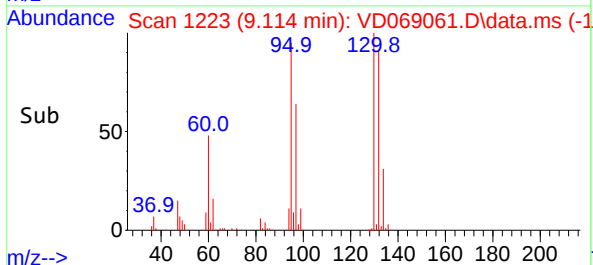
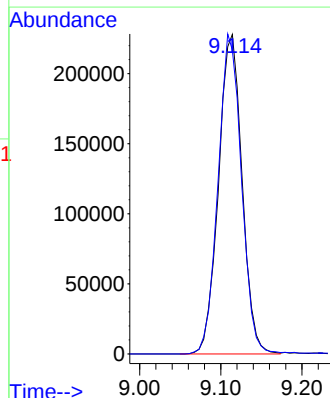
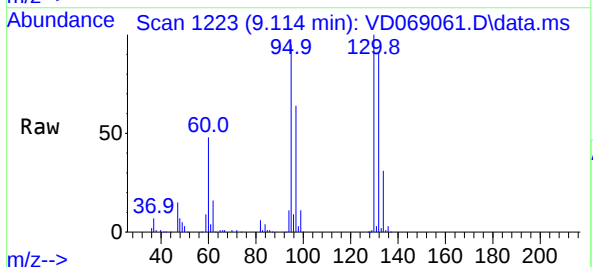
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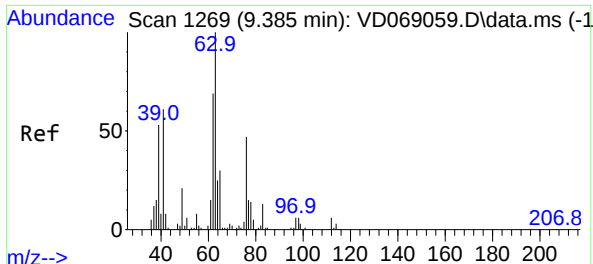
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#44
Trichloroethene
Concen: 146.59 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

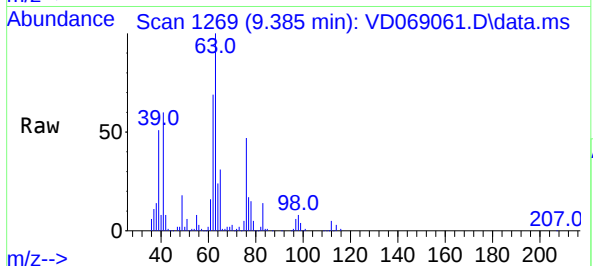
Tgt Ion:130 Resp: 459274
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.2





#45
1,2-Dichloropropane
Concen: 146.99 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

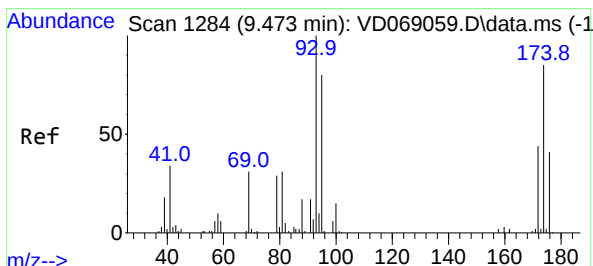
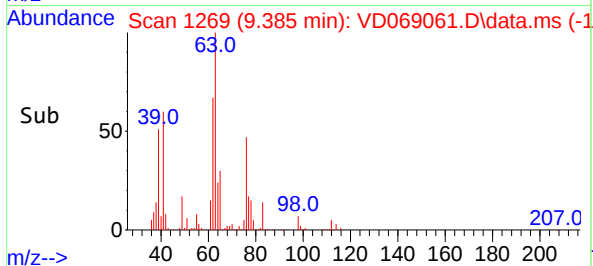
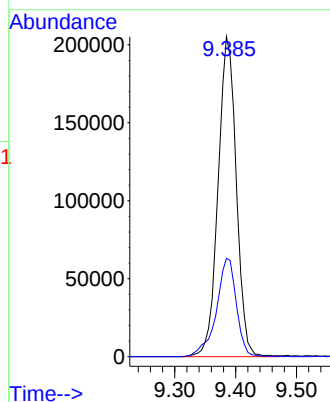
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 426509
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.2

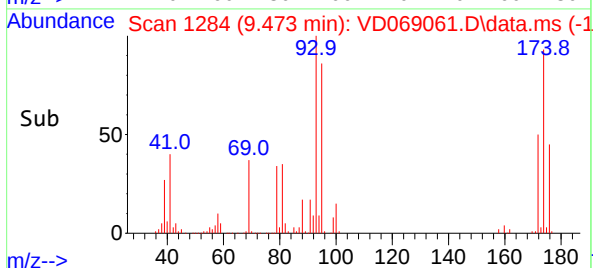
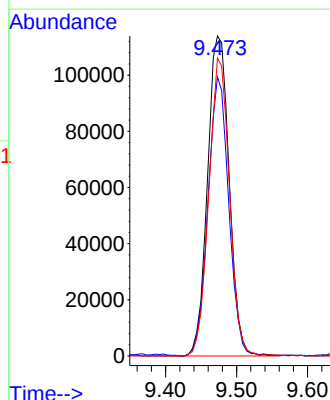
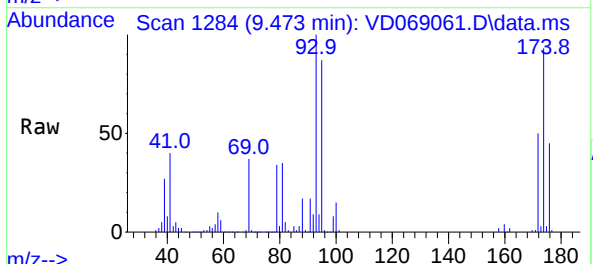
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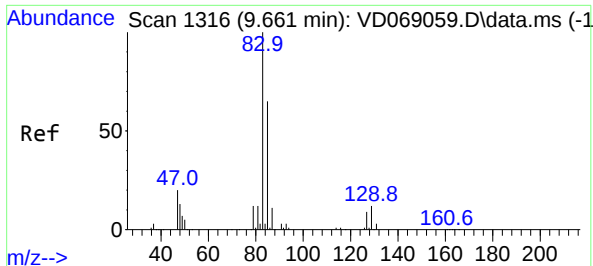
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#46
Dibromomethane
Concen: 144.65 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 93 Resp: 241248
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.2
174 88.8 68.9 103.3





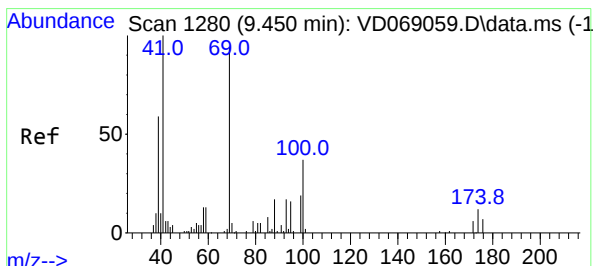
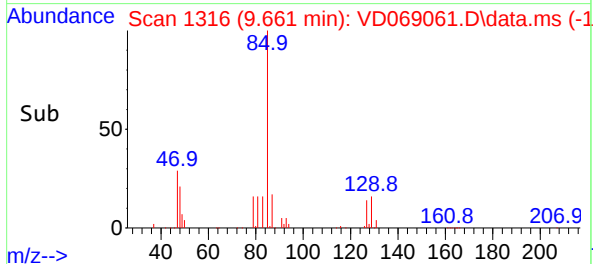
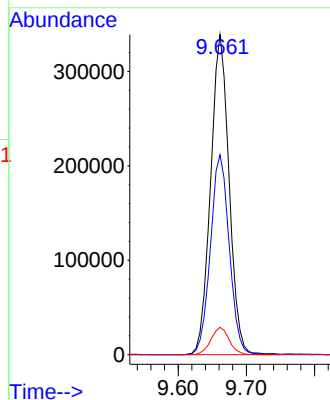
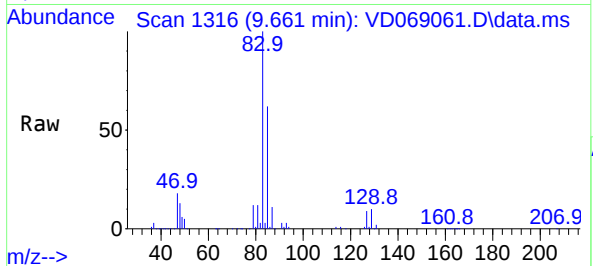
#47
Bromodichloromethane
Concen: 145.89 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:	83	Resp:	639755
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.1	78.1
127	8.5	7.0	10.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

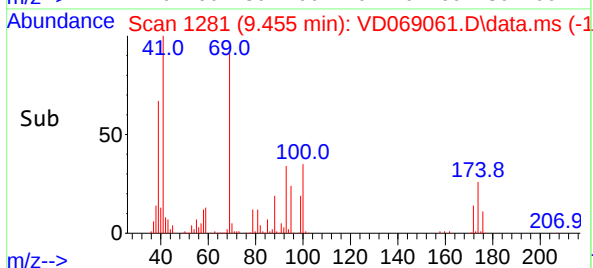
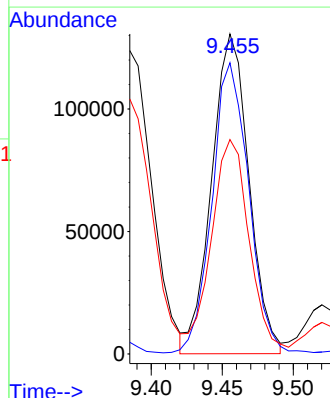
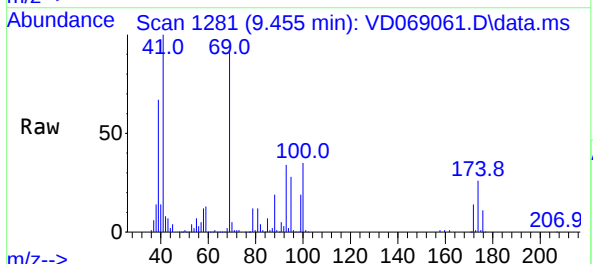
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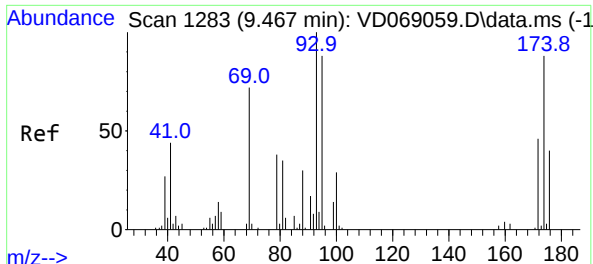
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#48
Methyl methacrylate
Concen: 160.71 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

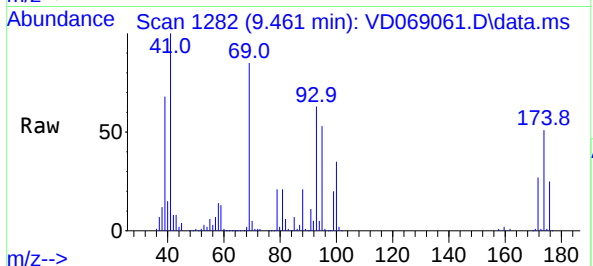
Tgt Ion:	41	Resp:	238556
Ion	Ratio	Lower	Upper
41	100		
69	89.5	73.9	110.9
39	63.4	51.0	76.4





#49
1,4-Dioxane
Concen: 3001.45 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

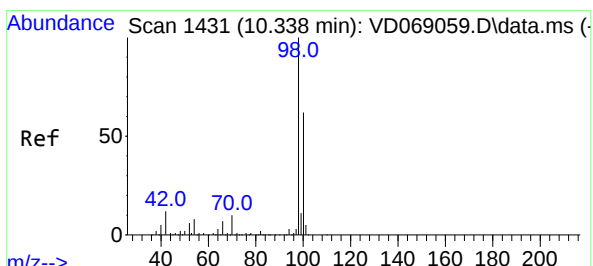
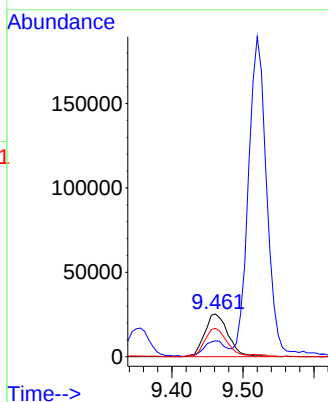
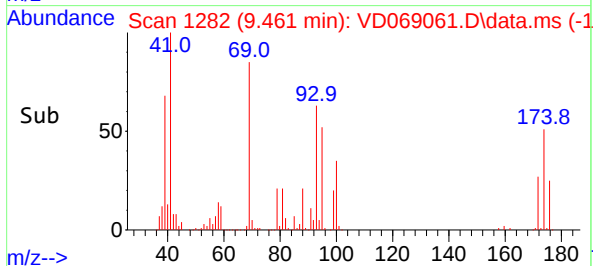
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



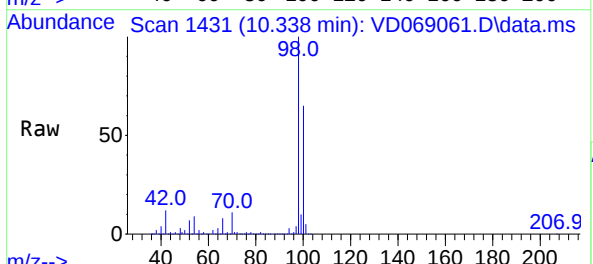
Tgt Ion: 88 Resp: 57881
Ion Ratio Lower Upper
88 100
43 34.9 32.0 48.0
58 63.3 52.4 78.6

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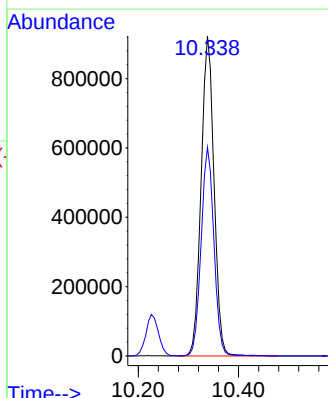
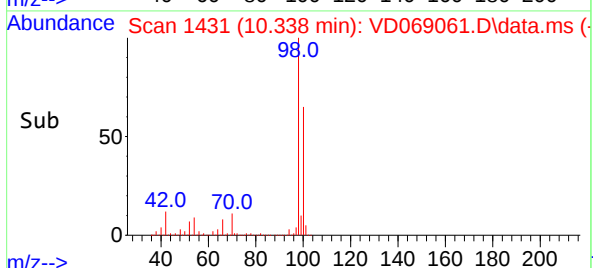
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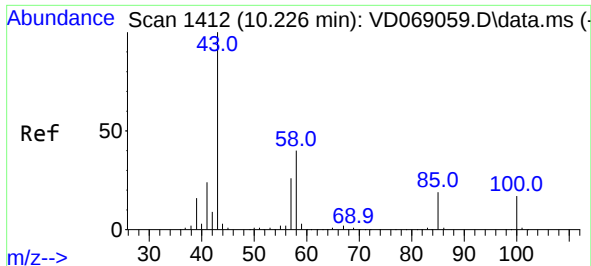


#50
Toluene-d8
Concen: 160.82 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion: 98 Resp: 1648253
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4





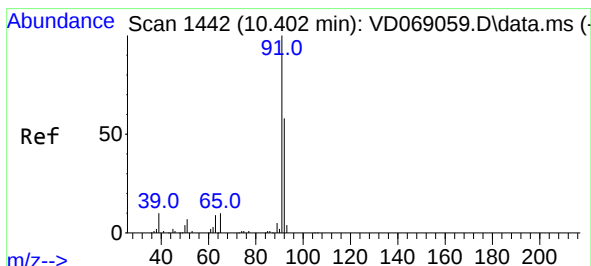
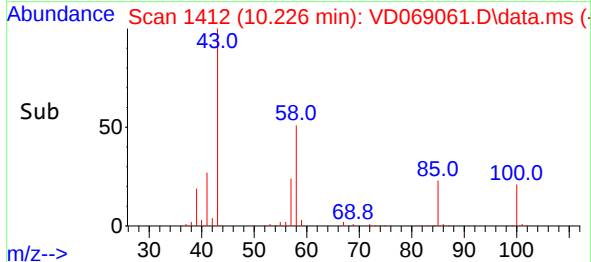
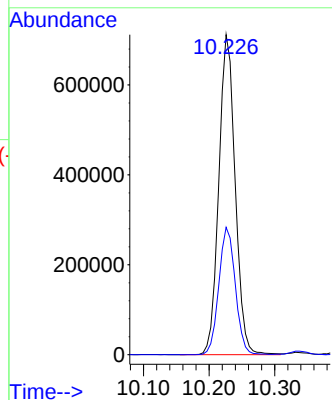
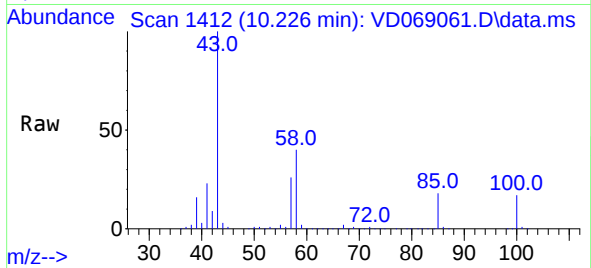
#51
4-Methyl-2-Pentanone
Concen: 797.85 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 1229640
Ion Ratio Lower Upper
43 100
58 40.0 32.7 49.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

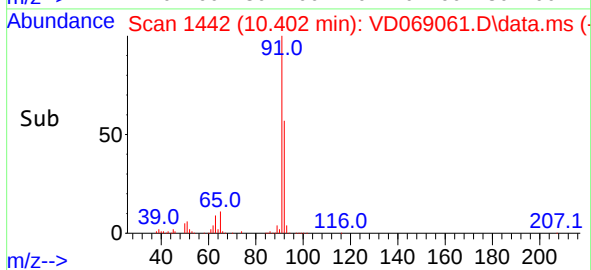
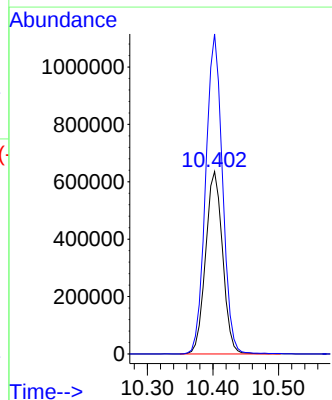
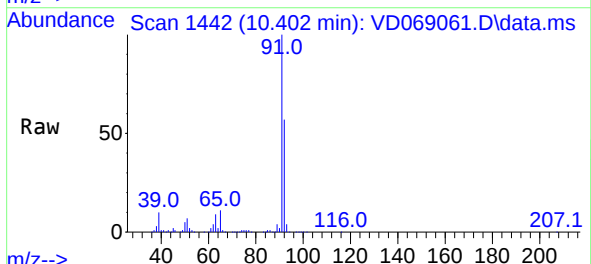
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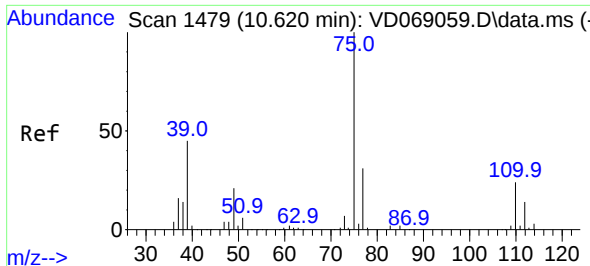
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#52
Toluene
Concen: 153.27 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 92 Resp: 1146349
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2





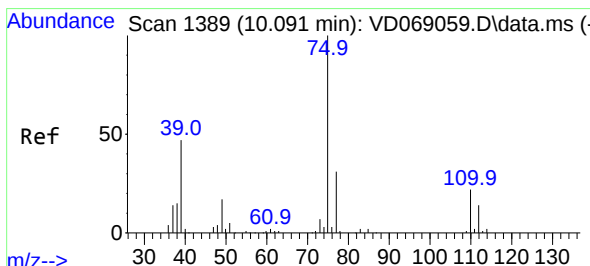
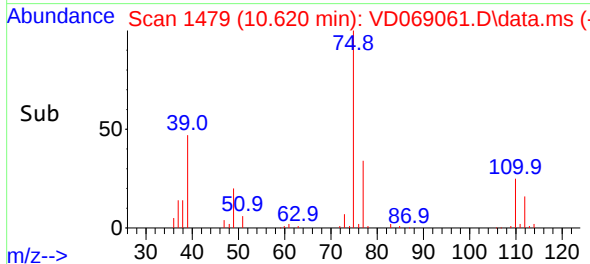
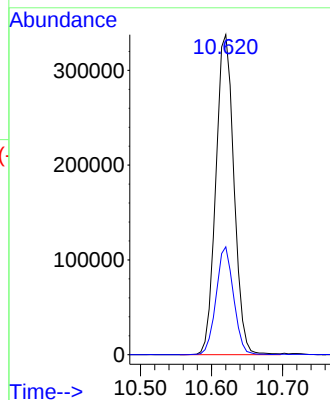
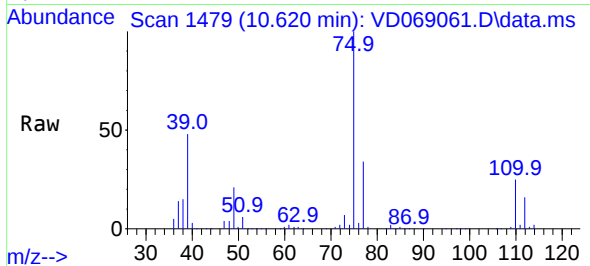
#53
t-1,3-Dichloropropene
Concen: 156.43 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 75 Resp: 596117
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC150

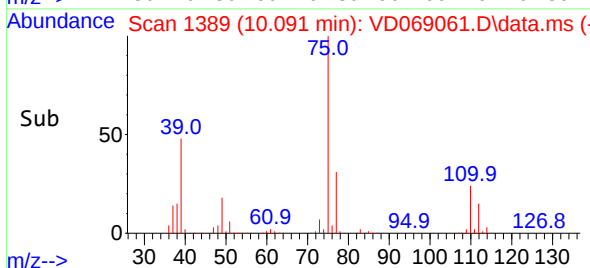
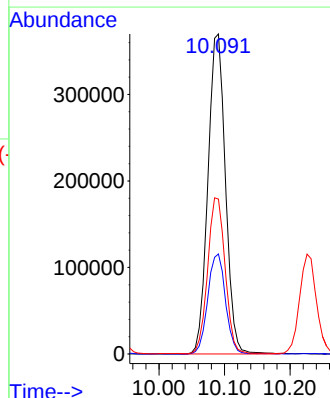
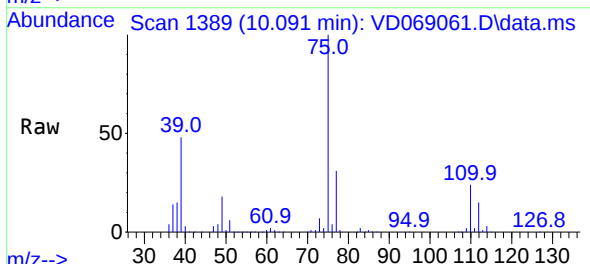
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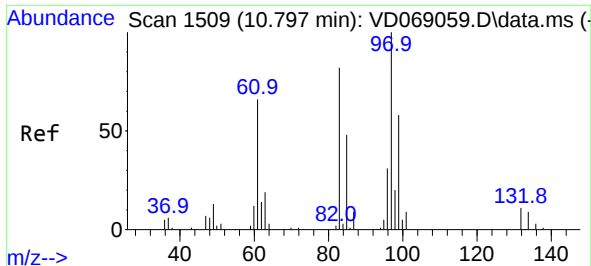
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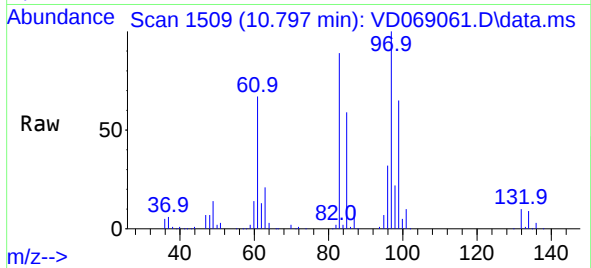
#54
cis-1,3-Dichloropropene
Concen: 152.48 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 75 Resp: 687066
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 48.3 37.8 56.8



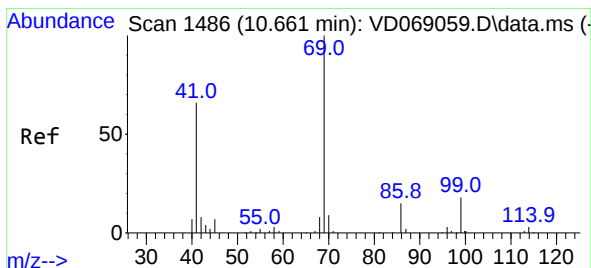
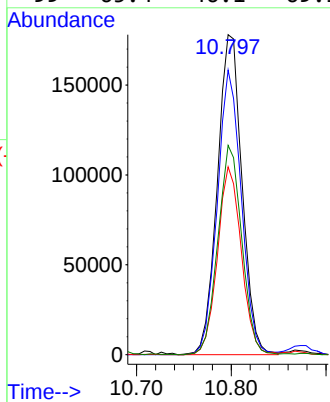
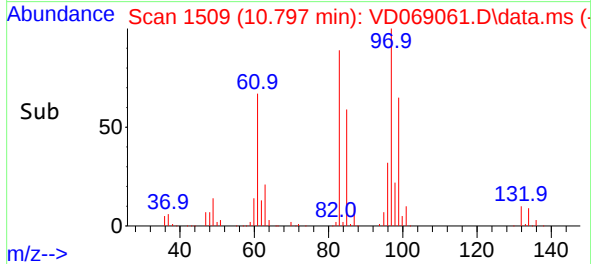


#55
1,1,2-Trichloroethane
Concen: 145.76 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

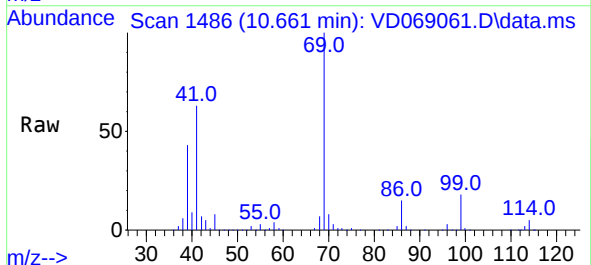


Tgt Ion: 97 Resp: 322833

Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.8
85	58.7	38.6	57.8#
99	65.4	46.1	69.1

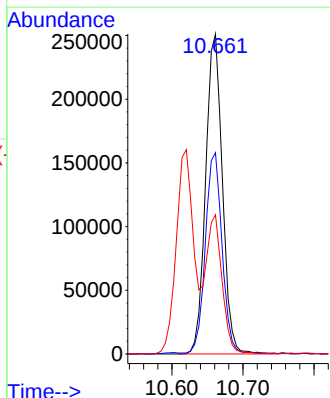
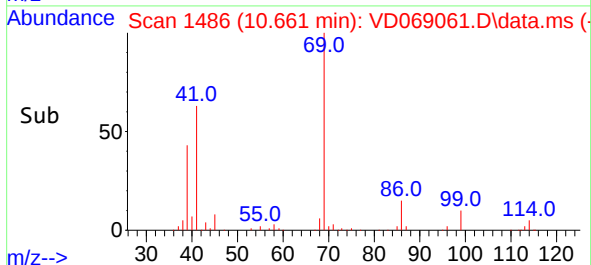


#56
Ethyl methacrylate
Concen: 172.41 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion: 69 Resp: 411774

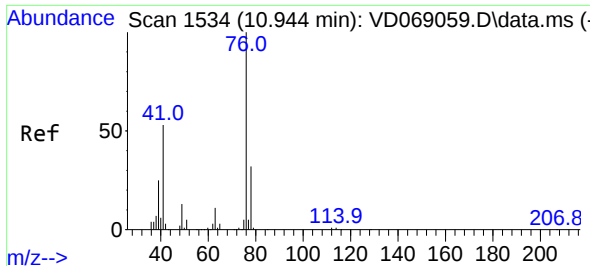
Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.2	73.8
39	42.9	29.8	44.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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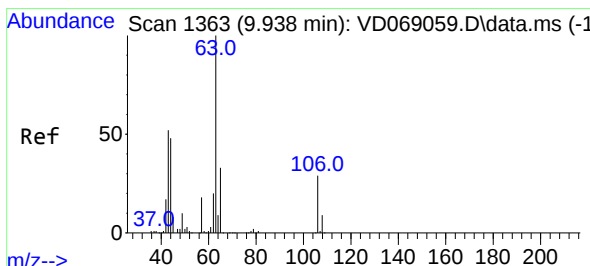
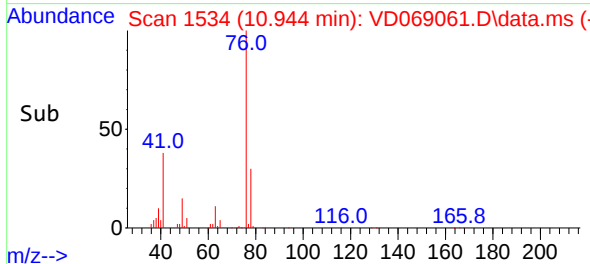
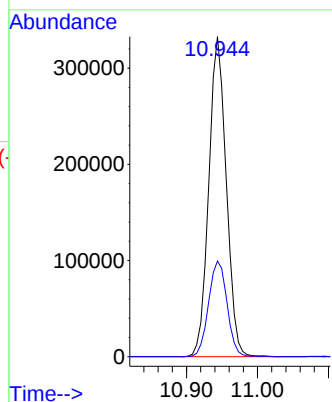
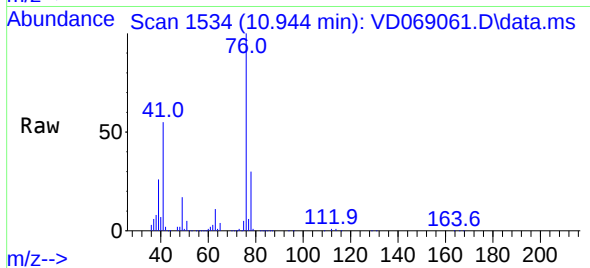
#57
1,3-Dichloropropane
Concen: 152.44 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 76 Resp: 569098
Ion Ratio Lower Upper
76 100
78 31.6 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

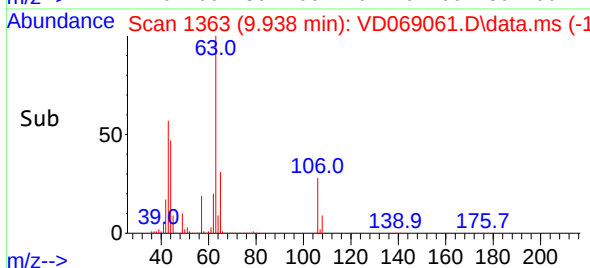
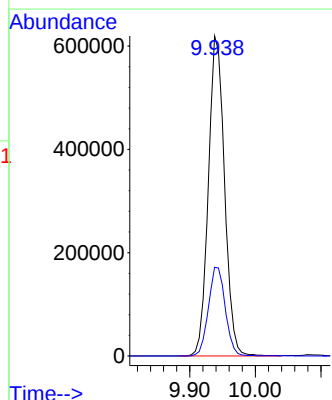
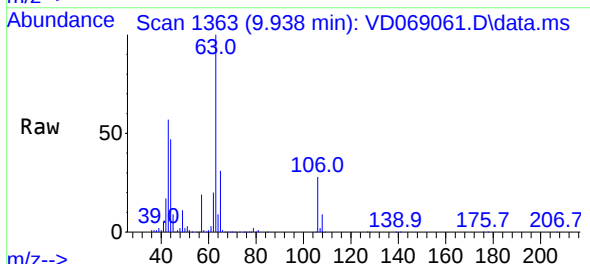
Manual Integrations
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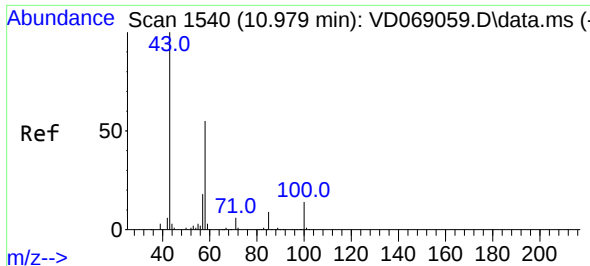
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#58
2-Chloroethyl Vinyl ether
Concen: 829.12 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 63 Resp: 1063331
Ion Ratio Lower Upper
63 100
106 28.9 23.5 35.3





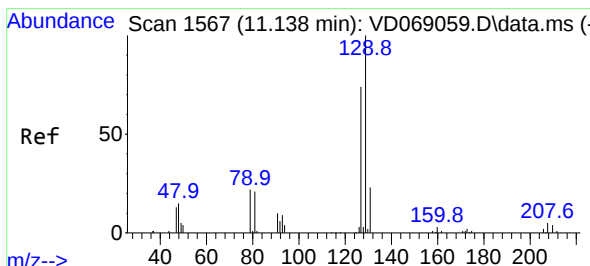
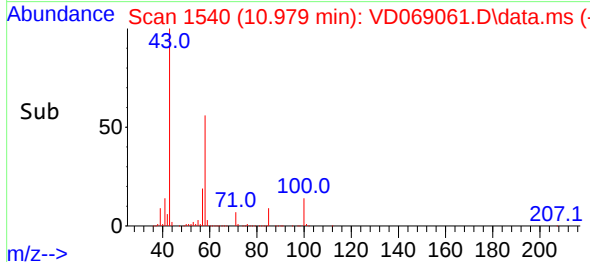
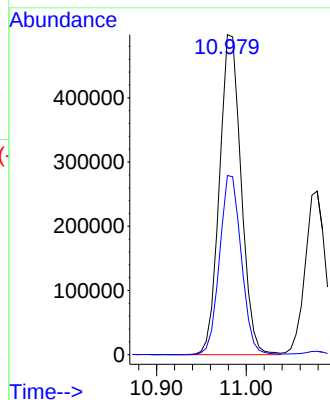
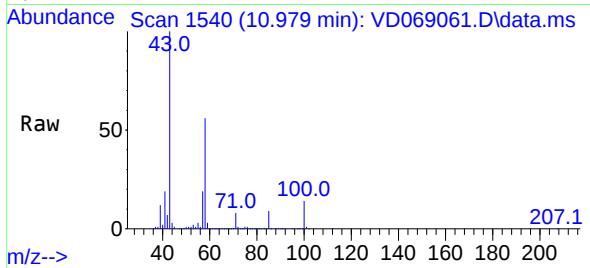
#59
2-Hexanone
Concen: 806.16 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 43 Resp: 838591
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

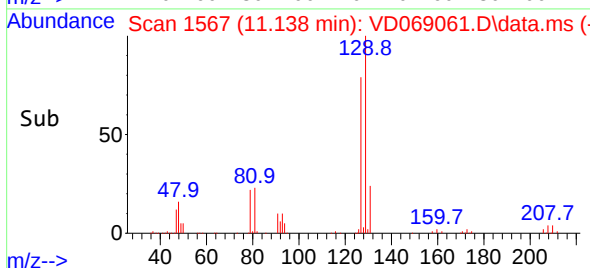
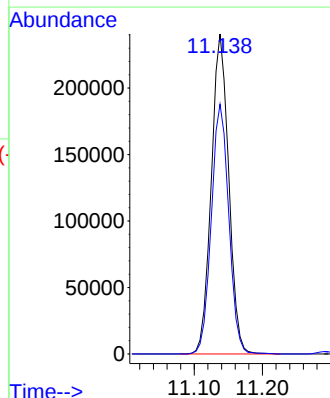
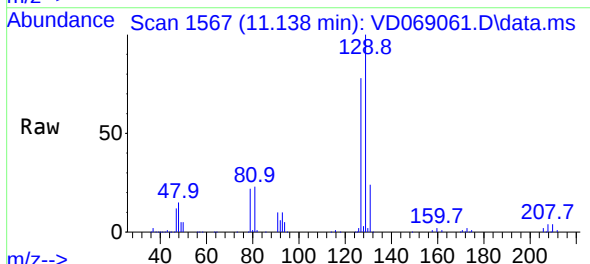
Manual Integrations
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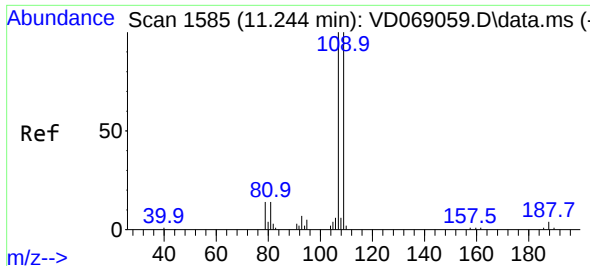
MMDadoda
5/5/2021 5:32:07 PM



#60
Dibromochloromethane
Concen: 145.27 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

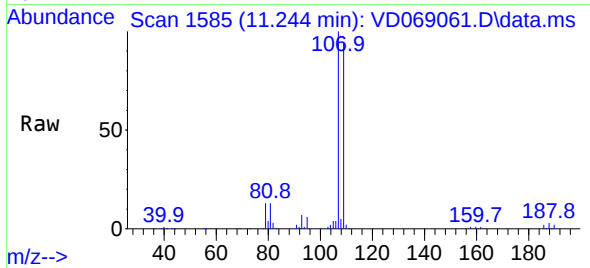
Tgt Ion: 129 Resp: 428109
Ion Ratio Lower Upper
129 100
127 78.3 38.0 114.1





#61
1,2-Dibromoethane
Concen: 148.52 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

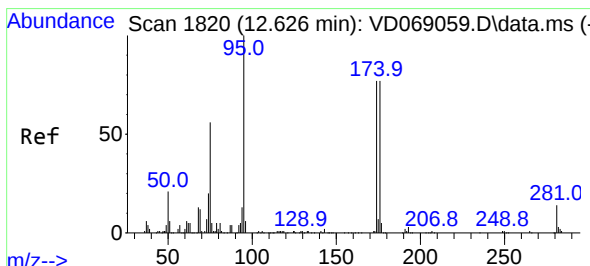
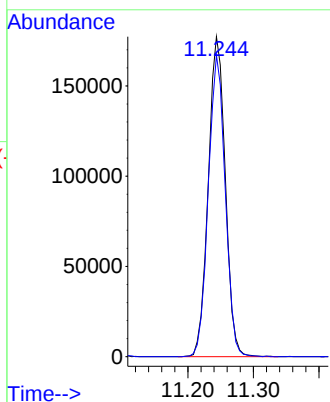
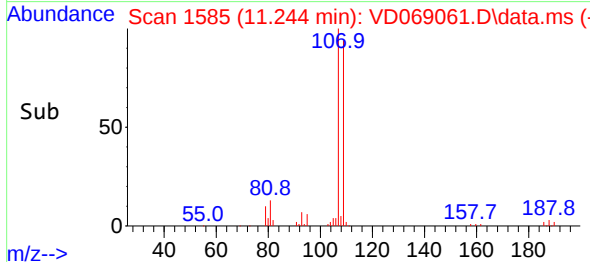
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



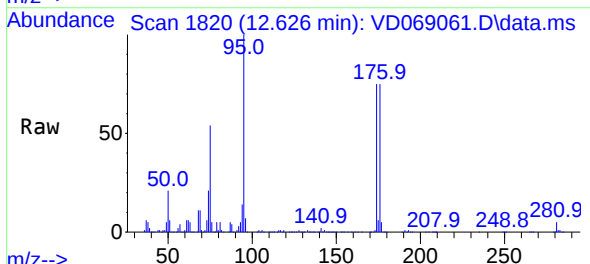
Tgt Ion:107 Resp: 319289
Ion Ratio Lower Upper
107 100
109 93.6 77.6 116.4

Manual Integrations
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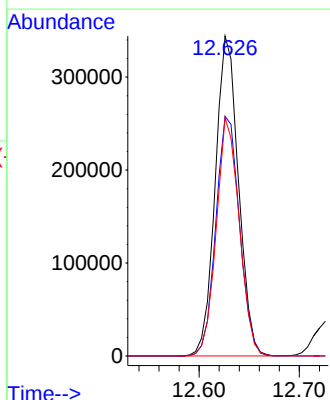
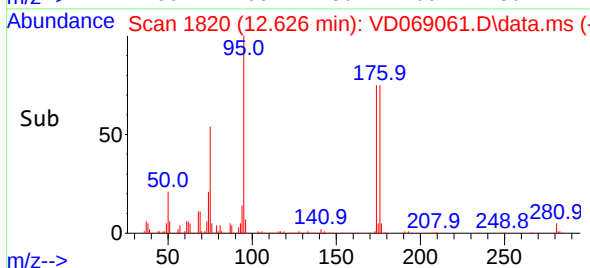
MMDadoda
5/5/2021 5:32:07 PM

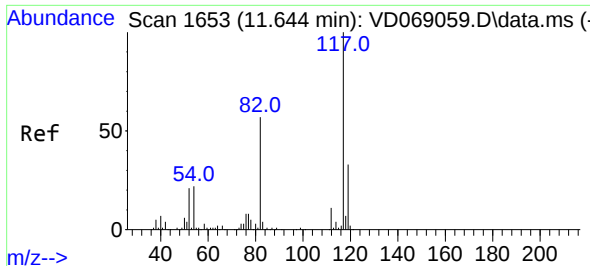


#62
4-Bromofluorobenzene
Concen: 163.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



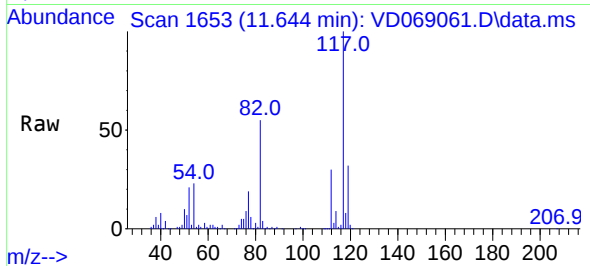
Tgt Ion: 95 Resp: 552720
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.0
176 73.6 0.0 149.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

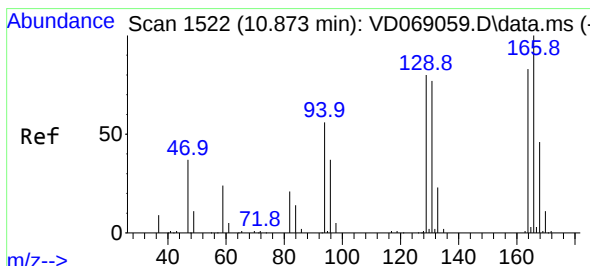
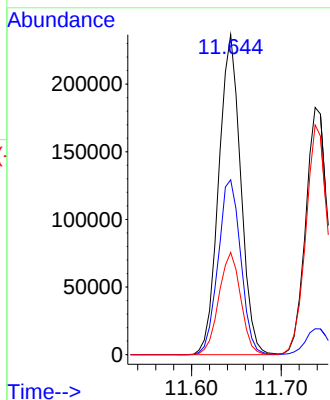
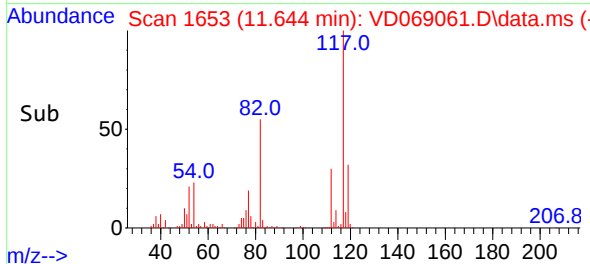
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



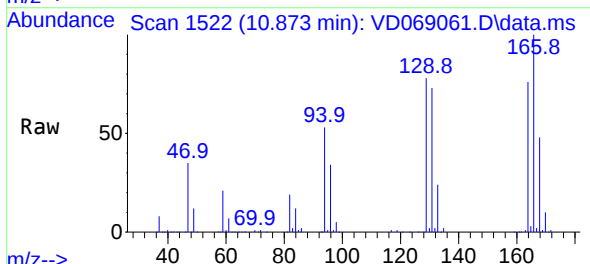
Tgt Ion:117 Resp: 402770
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 32.0 26.8 40.2

Manual Integrations
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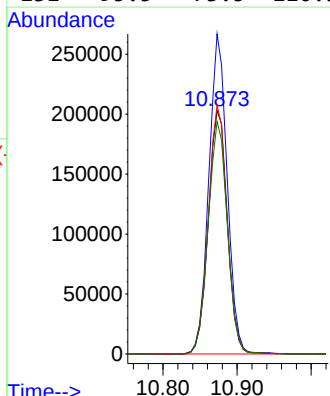
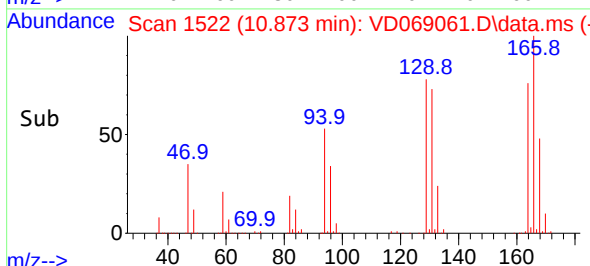
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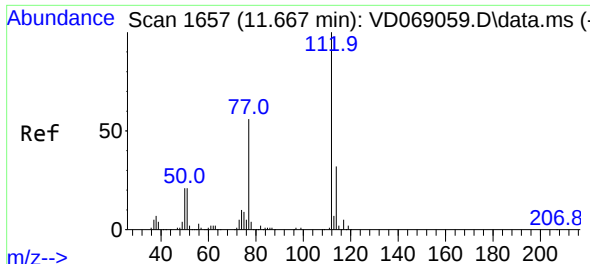


#64
Tetrachloroethene
Concen: 140.32 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



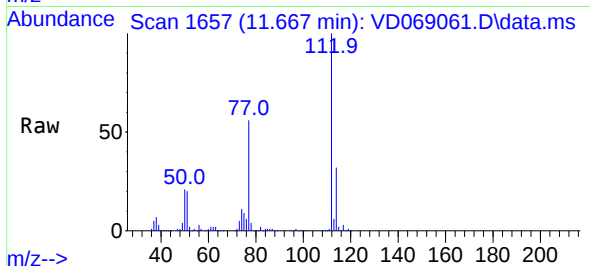
Tgt Ion:164 Resp: 364259
Ion Ratio Lower Upper
164 100
166 131.5 96.0 144.0
129 102.2 76.8 115.2
131 95.5 73.5 110.3





#65
Chlorobenzene
Concen: 146.12 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

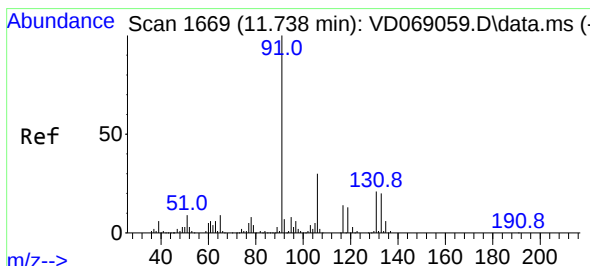
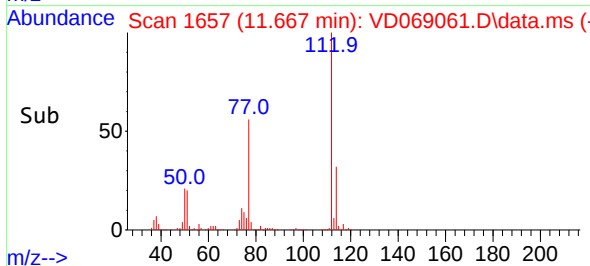
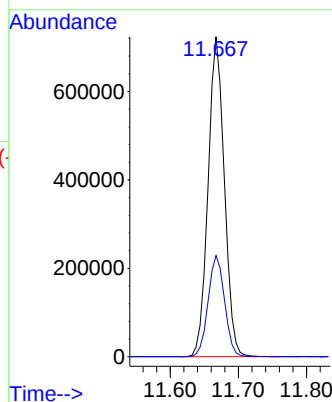
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



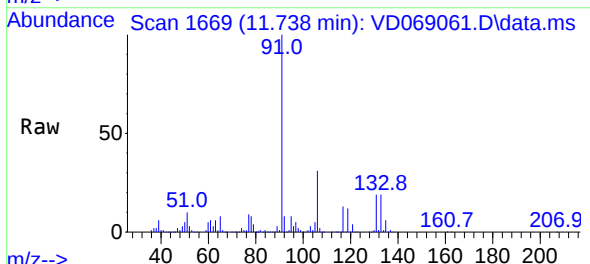
Tgt Ion:112 Resp: 1201101
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
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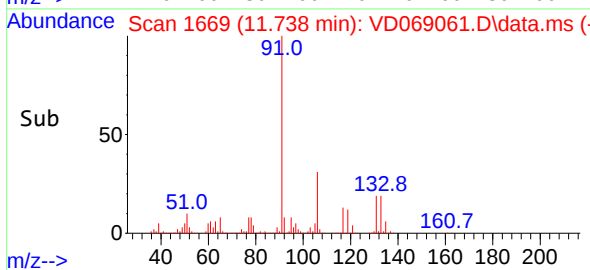
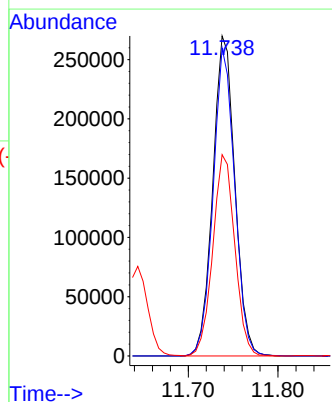
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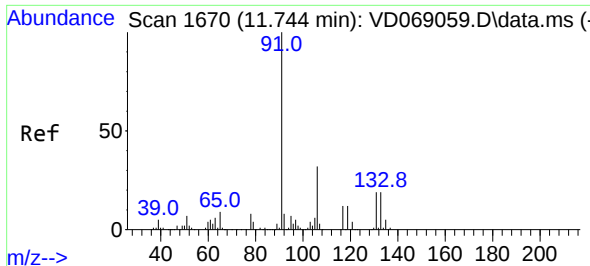


#66
1,1,1,2-Tetrachloroethane
Concen: 148.16 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion:131 Resp: 460897
Ion Ratio Lower Upper
131 100
133 94.1 48.7 146.1
119 62.7 32.0 96.2





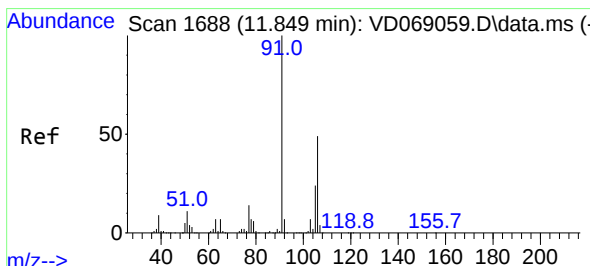
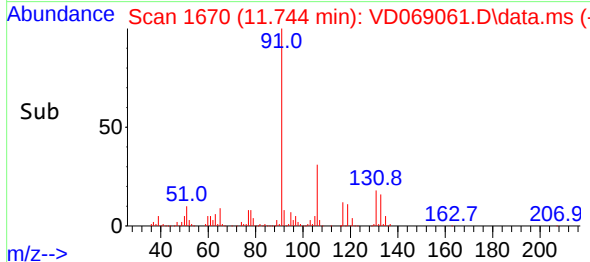
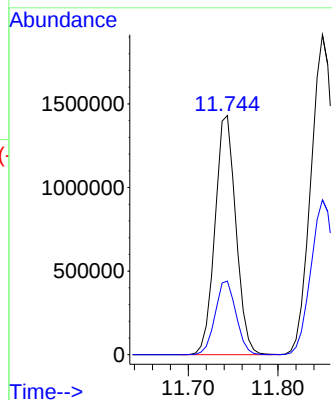
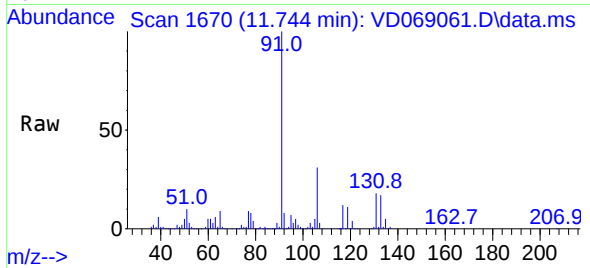
#67
Ethyl Benzene
Concen: 158.77 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 91 Resp: 2313988
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

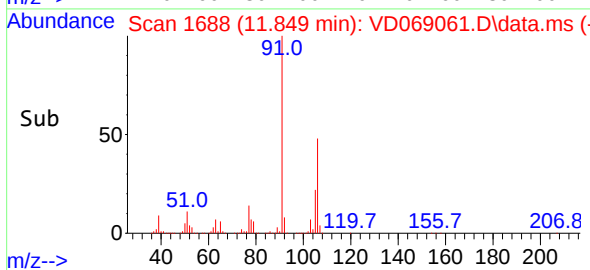
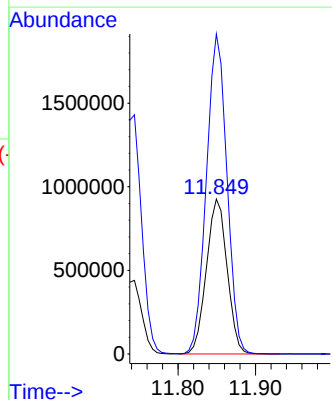
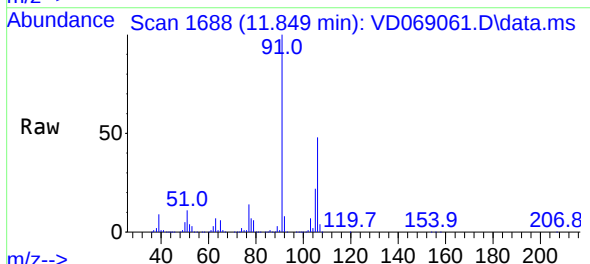
Manual Integrations
APPROVED

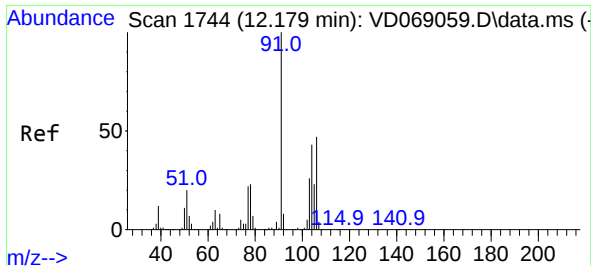
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5/5/2021 5:32:07 PM



#68
m/p-Xylenes
Concen: 313.70 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:106 Resp: 1719089
Ion Ratio Lower Upper
106 100
91 204.5 164.6 246.8





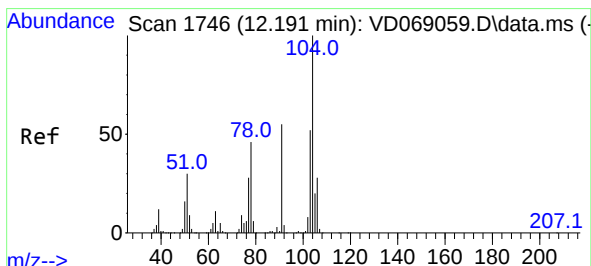
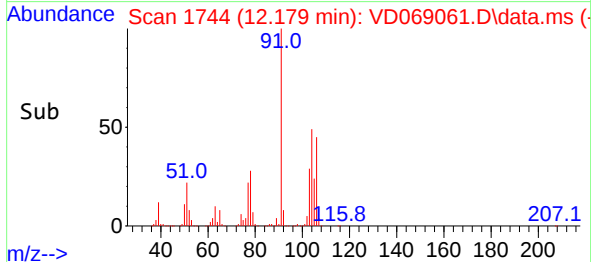
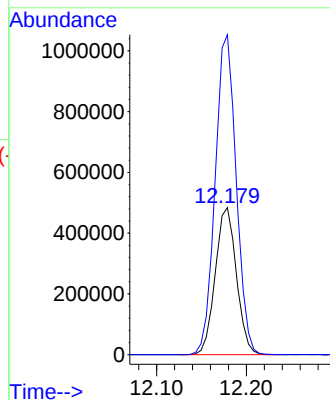
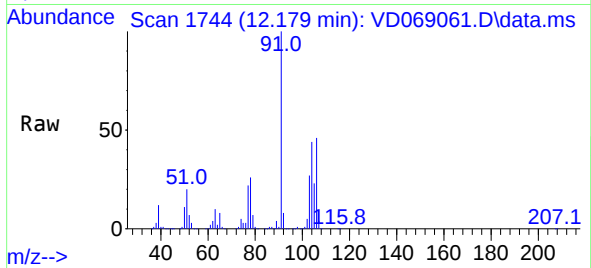
#69
o-Xylene
Concen: 161.22 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:106 Resp: 792052
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

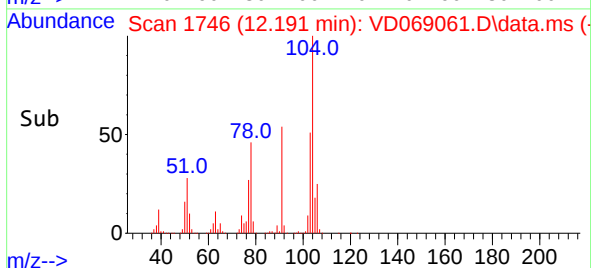
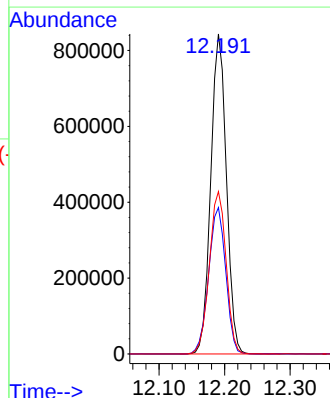
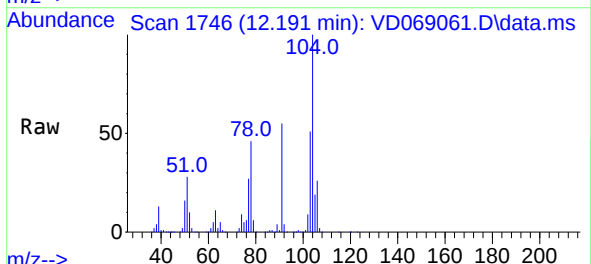
Manual Integrations
APPROVED

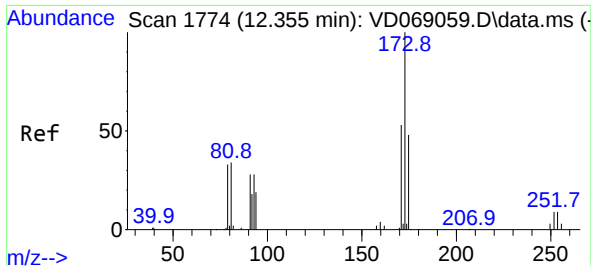
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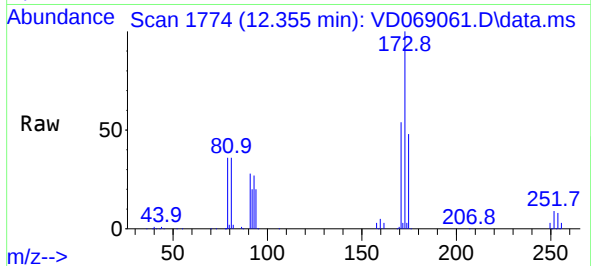
#70
Styrene
Concen: 160.97 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:104 Resp: 1396647
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 54.7 44.5 66.7

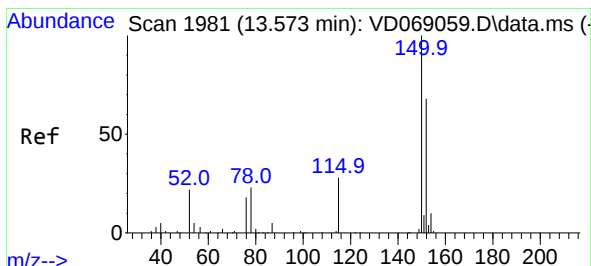
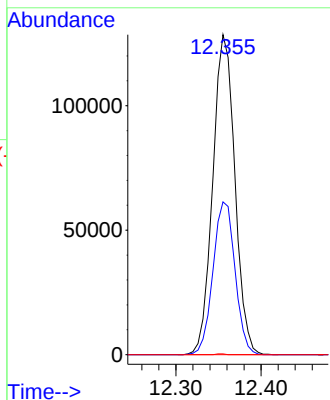
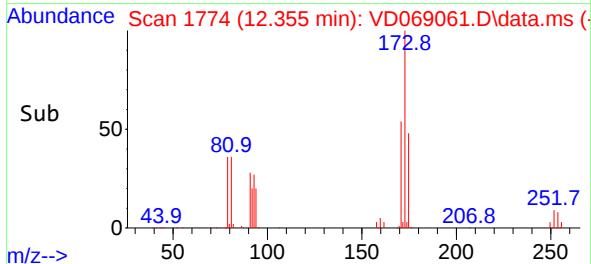




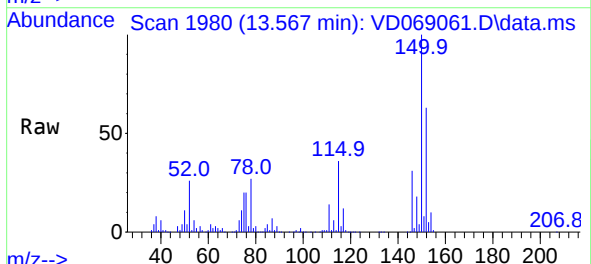
#71
Bromoform
Concen: 145.20 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



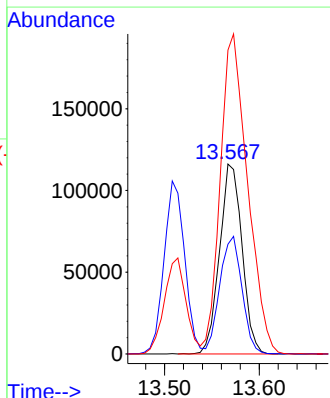
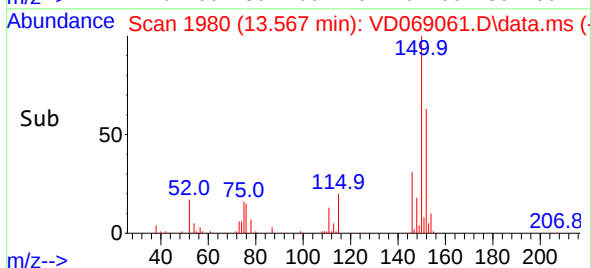
Tgt Ion:173 Resp: 231506
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



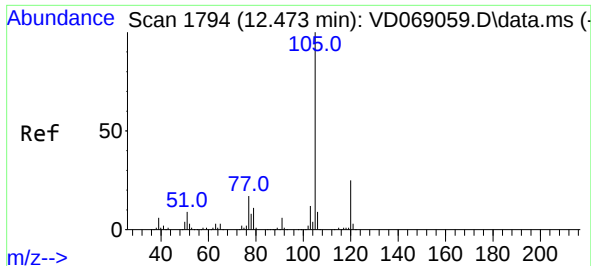
Tgt Ion:152 Resp: 191634
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 204.0 0.0 340.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

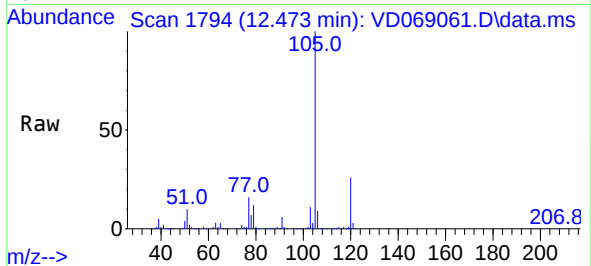
Manual Integrations
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#73
Isopropylbenzene
Concen: 163.36 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

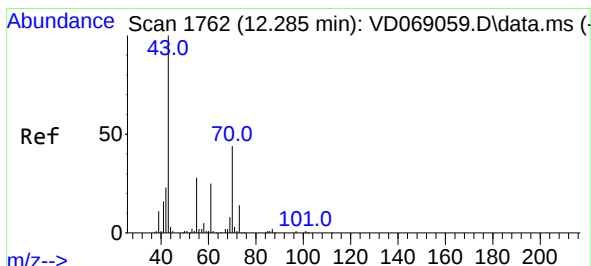
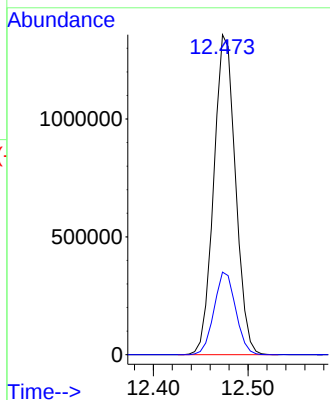
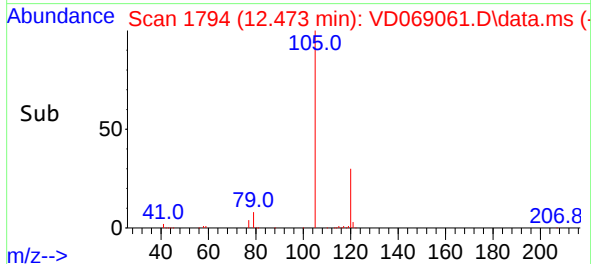
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



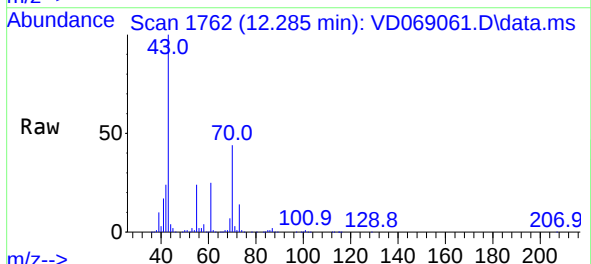
Tgt Ion:105 Resp: 2166759
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations
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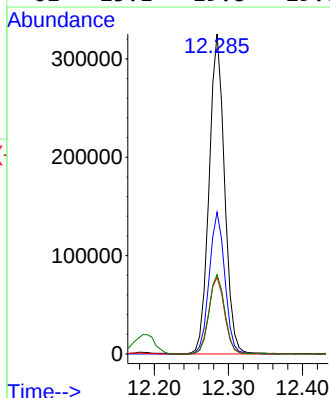
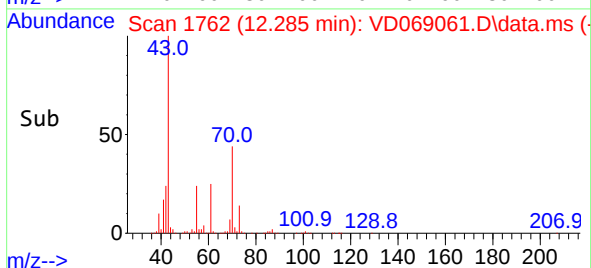
MMDadoda
5/5/2021 5:32:07 PM

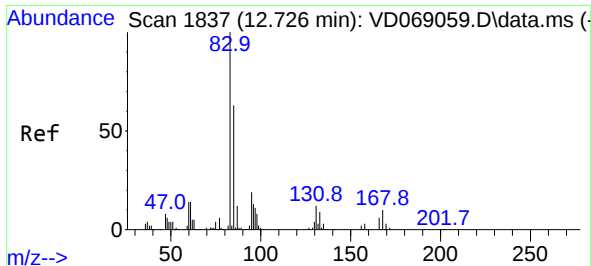


#74
N-ethyl acetate
Concen: 169.32 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

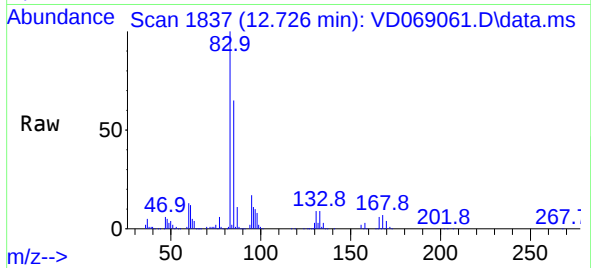


Tgt Ion: 43 Resp: 471612
Ion Ratio Lower Upper
43 100
70 44.5 36.4 54.6
55 24.5 21.8 32.8
61 25.1 19.8 29.6

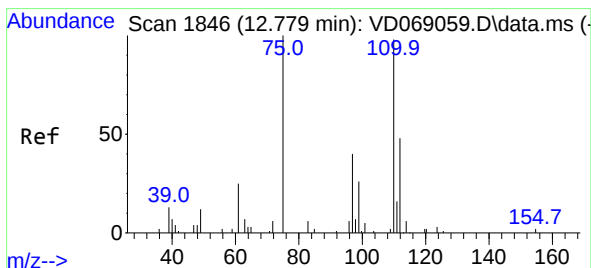
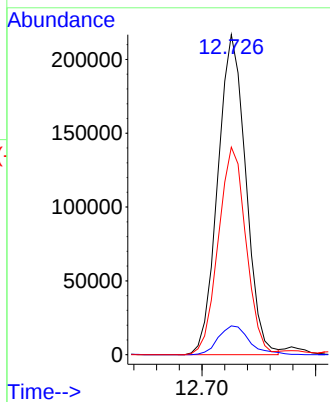
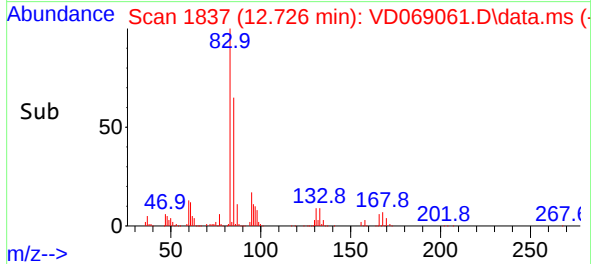




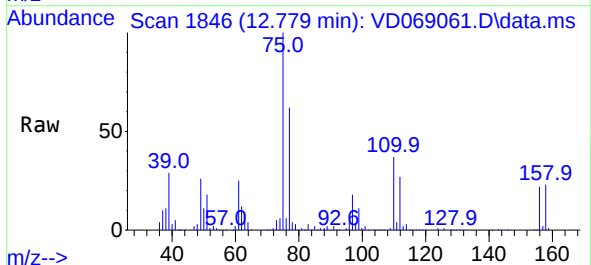
#75
1,1,2,2-Tetrachloroethane
Concen: 142.48 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



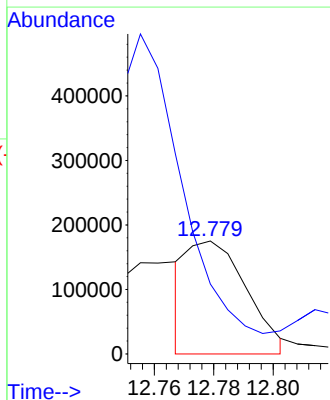
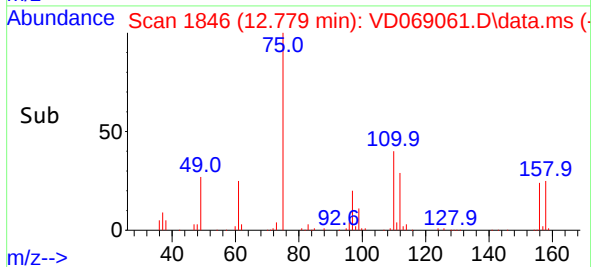
Tgt Ion: 83 Resp: 370516
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 64.4 30.9 92.8



#76
1,2,3-Trichloropropane
Concen: 149.97 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



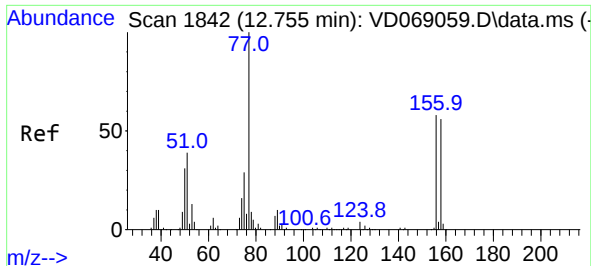
Tgt Ion: 75 Resp: 241259
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



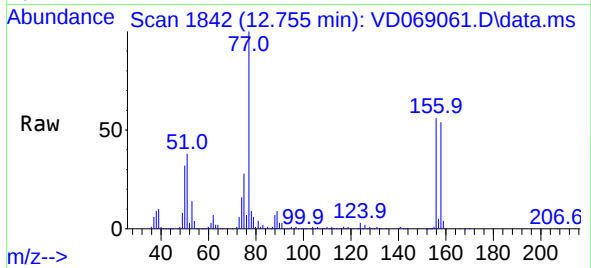
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

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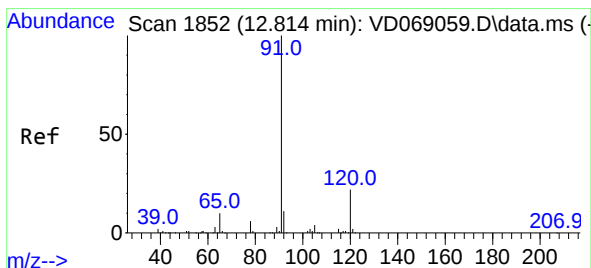
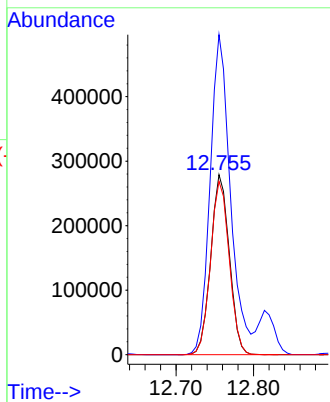
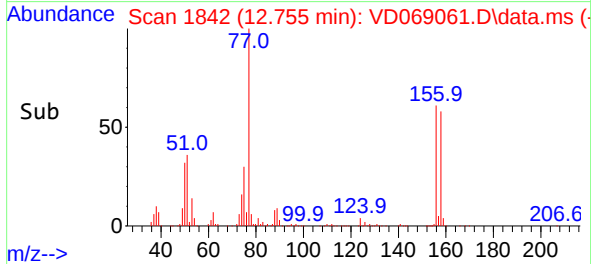
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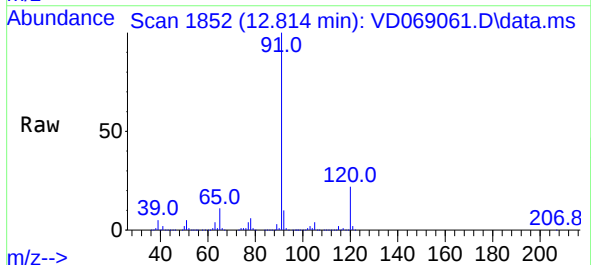
#77
Bromobenzene
Concen: 151.25 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



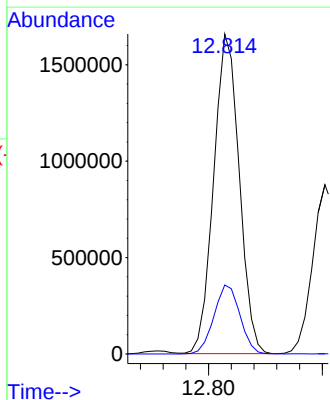
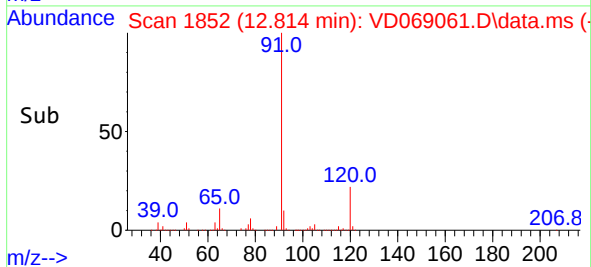
Tgt Ion:156 Resp: 464454
Ion Ratio Lower Upper
156 100
77 193.6 96.5 289.4
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 159.07 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



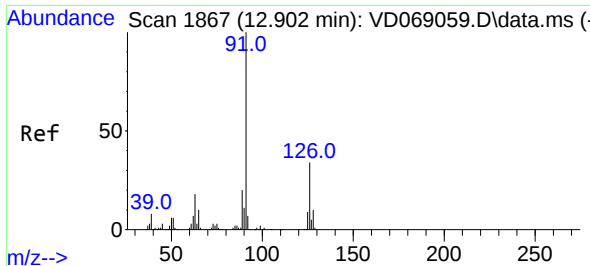
Tgt Ion: 91 Resp: 2591939
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Manual Integrations
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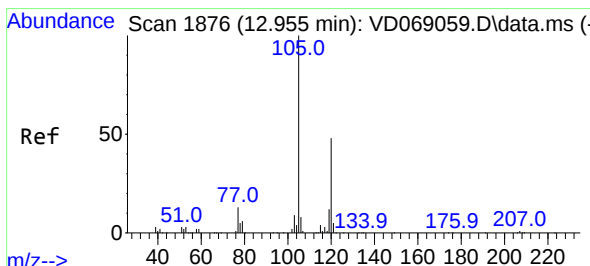
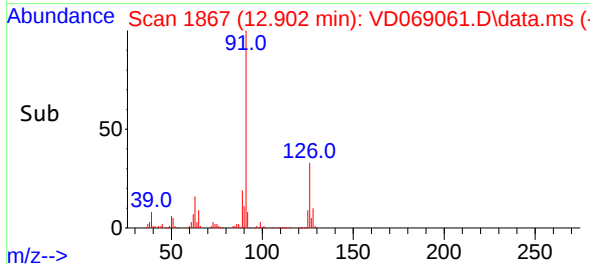
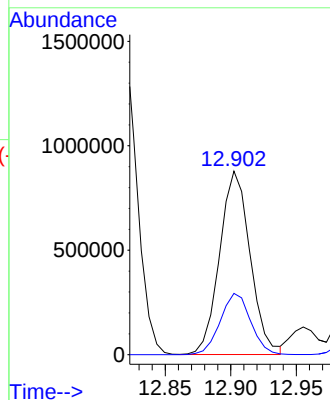
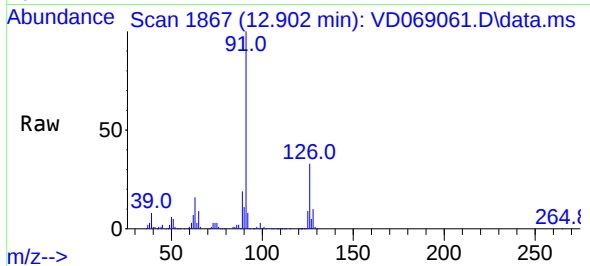
#79
2-Chlorotoluene
Concen: 156.77 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion: 91 Resp: 1424501
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

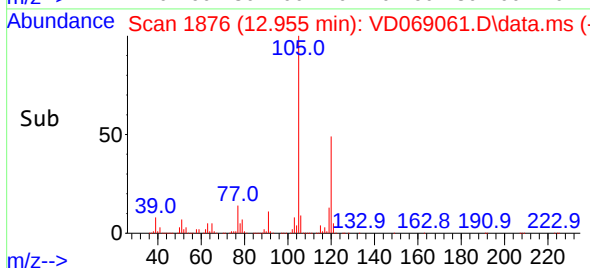
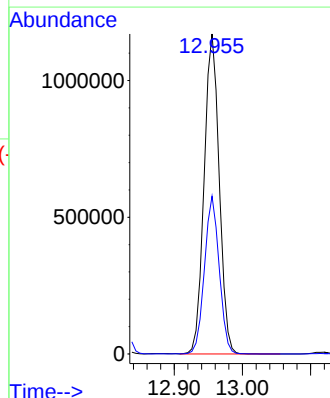
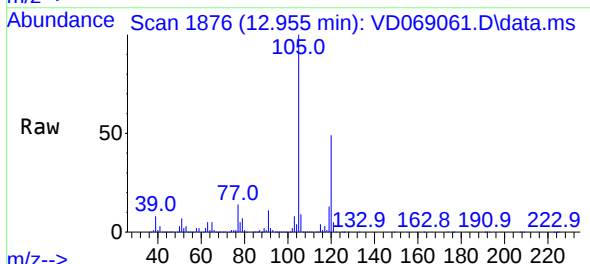
Manual Integrations
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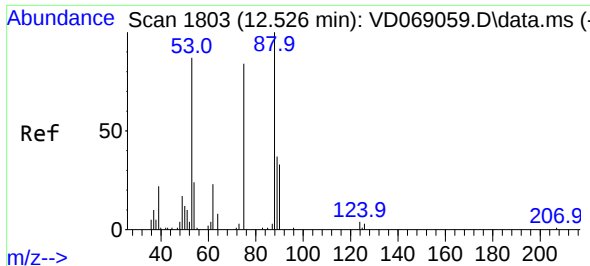
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#80
1,3,5-Trimethylbenzene
Concen: 159.54 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

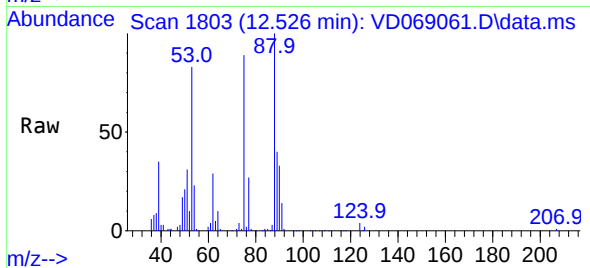
Tgt Ion:105 Resp: 1801502
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 157.39 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

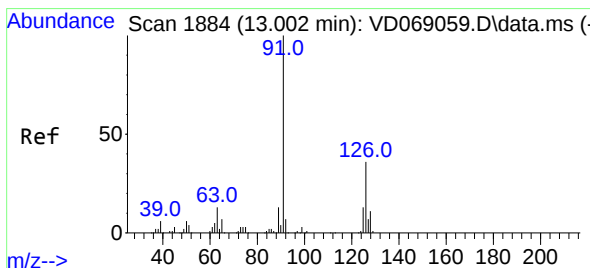
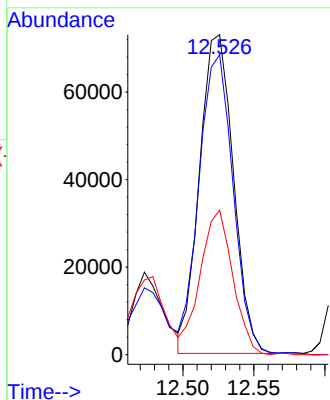
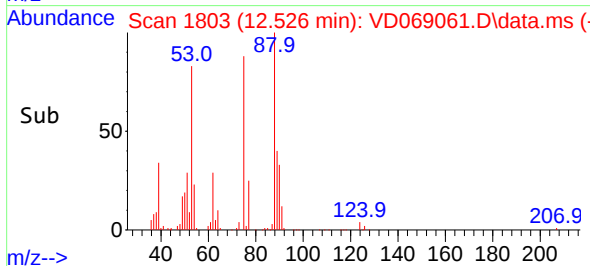
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



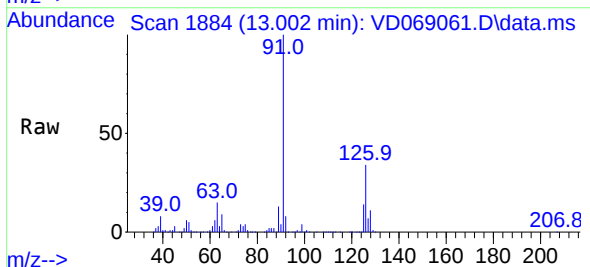
Tgt Ion: 75 Resp: 120669
Ion Ratio Lower Upper
75 100
53 95.4 80.4 120.6
89 43.8 37.8 56.8

Manual Integrations
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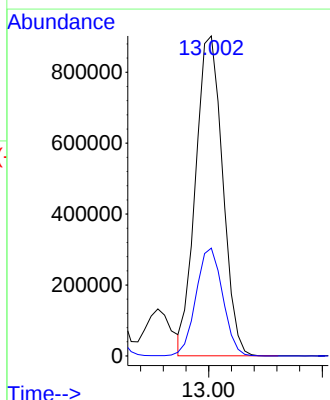
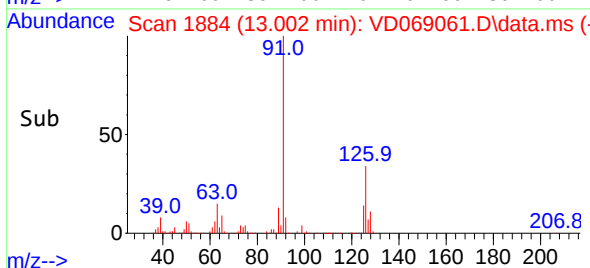
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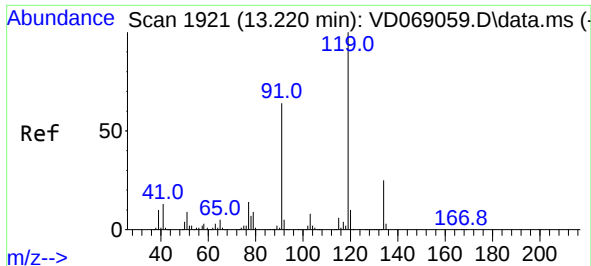


#82
4-Chlorotoluene
Concen: 153.28 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



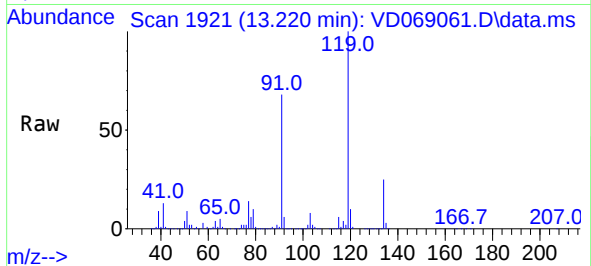
Tgt Ion: 91 Resp: 1491124
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.7





#83
tert-Butylbenzene
Concen: 162.61 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

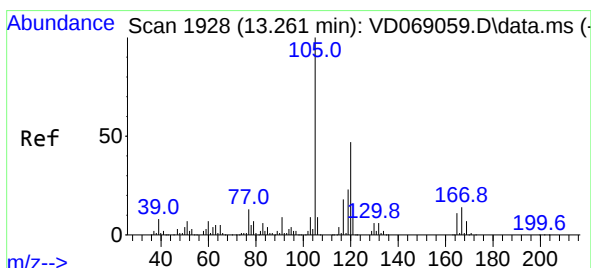
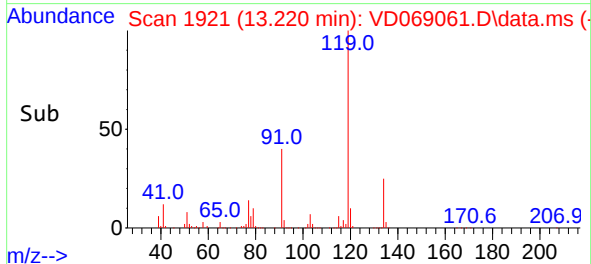
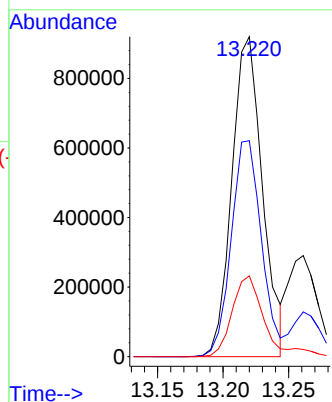
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1496301
Ion Ratio Lower Upper
119 100
91 66.6 32.8 98.3
134 26.6 12.6 37.8

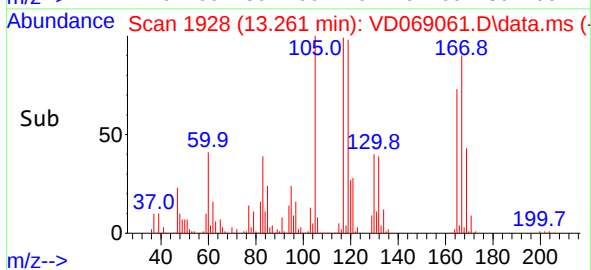
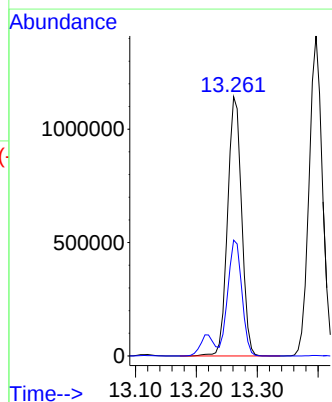
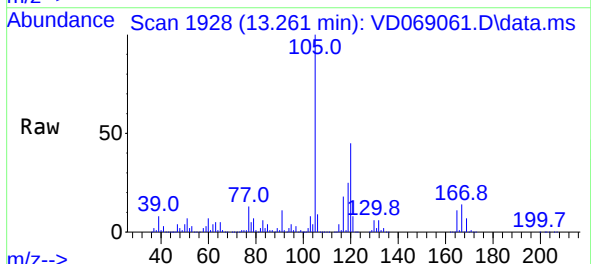
Manual Integrations
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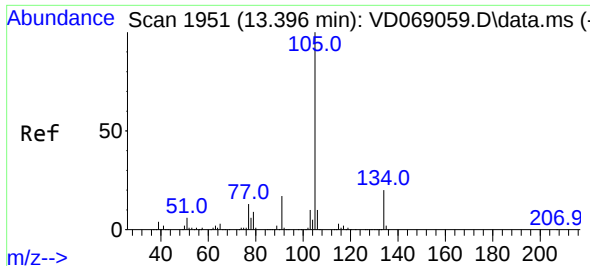
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#84
1,2,4-Trimethylbenzene
Concen: 161.97 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

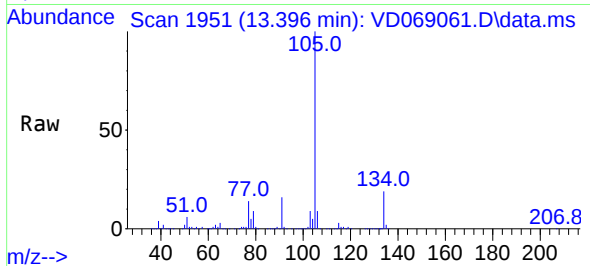
Tgt Ion:105 Resp: 1827349
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 160.41 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069061.D
 Acq: 04 May 2021 12:04

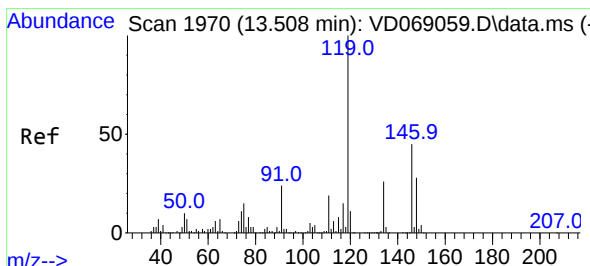
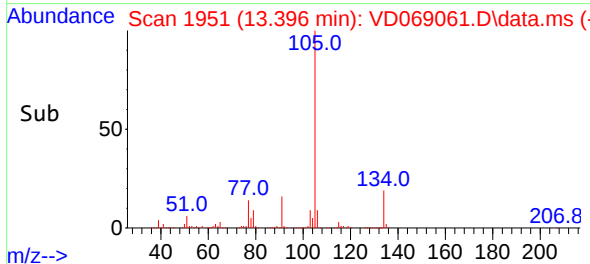
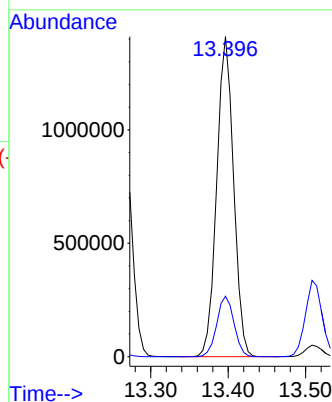
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 2136668
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

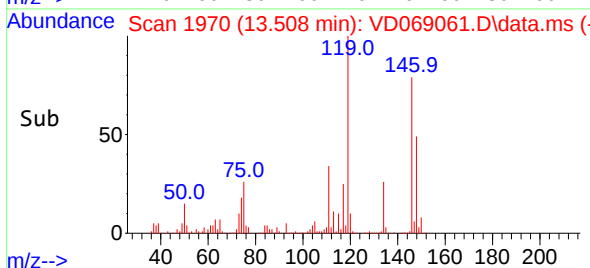
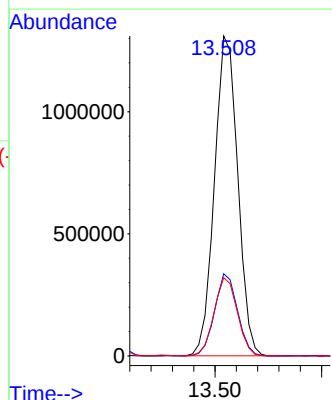
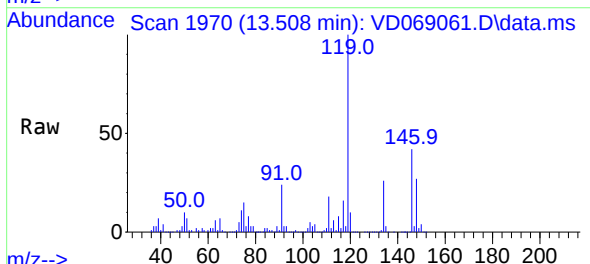
Manual Integrations
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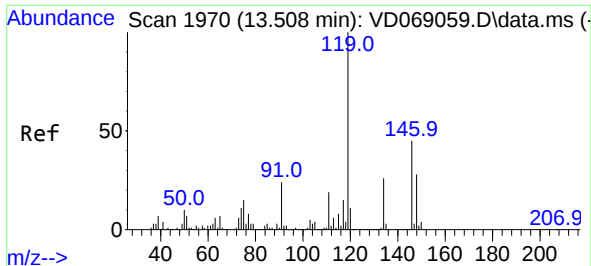
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#86
 p-Isopropyltoluene
 Concen: 161.56 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069061.D
 Acq: 04 May 2021 12:04

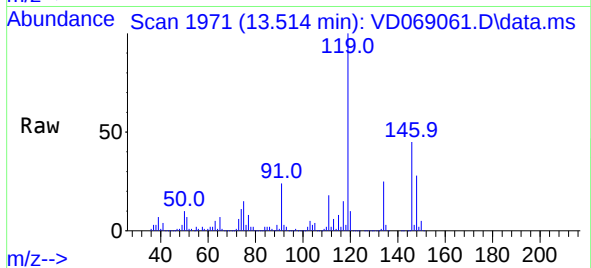
Tgt Ion:119 Resp: 1986277
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.5 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 149.50 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

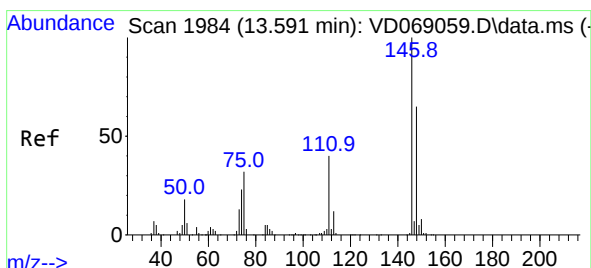
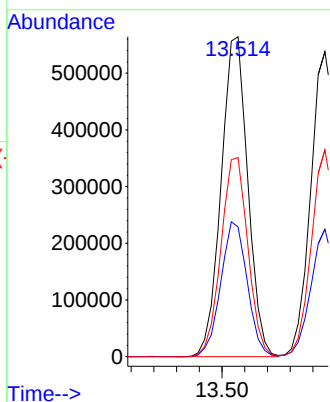
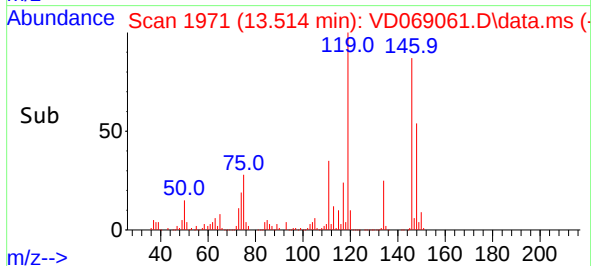
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



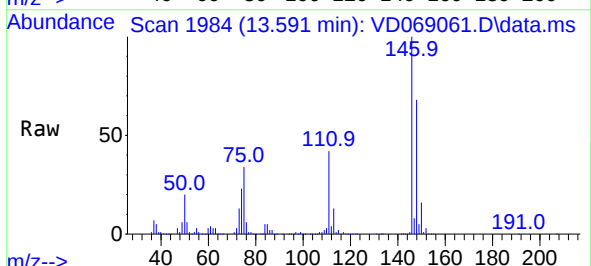
Tgt Ion:146 Resp: 921289
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 62.8 31.4 94.2

Manual Integrations
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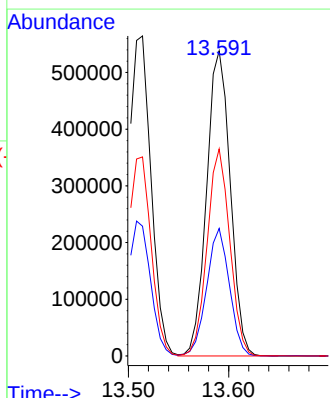
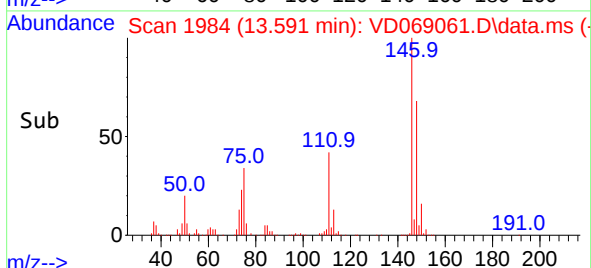
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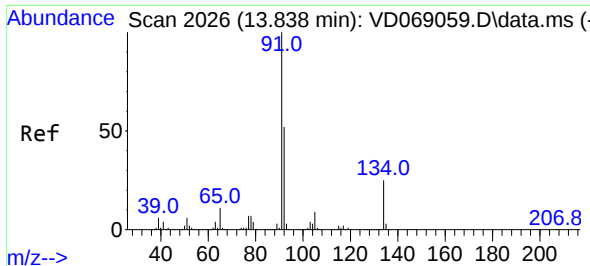


#88
1,4-Dichlorobenzene
Concen: 145.39 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



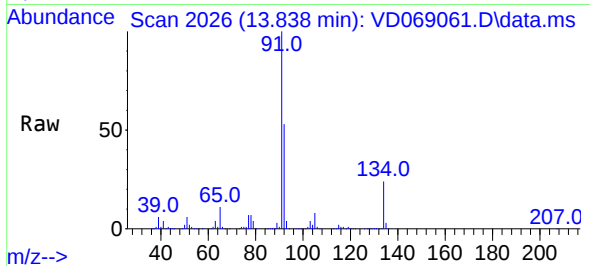
Tgt Ion:146 Resp: 883084
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 64.9 32.3 96.9





#89
n-Butylbenzene
Concen: 161.17 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

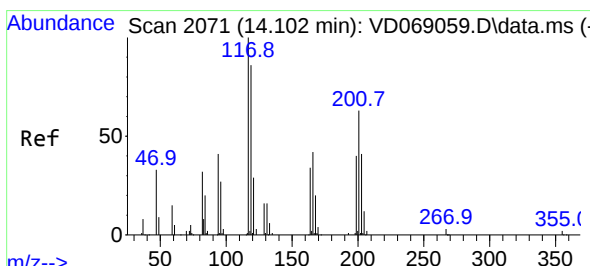
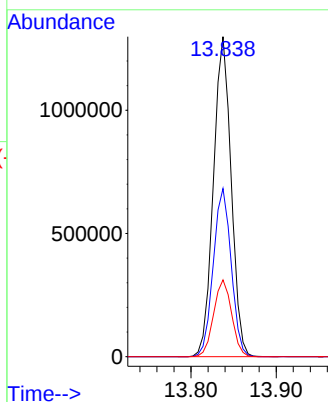
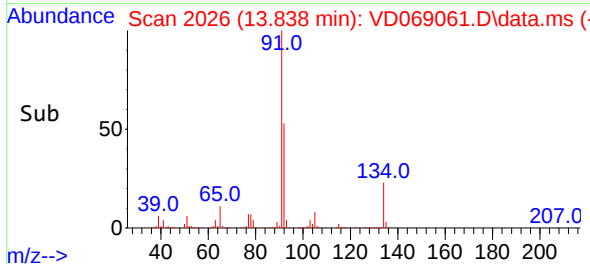
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



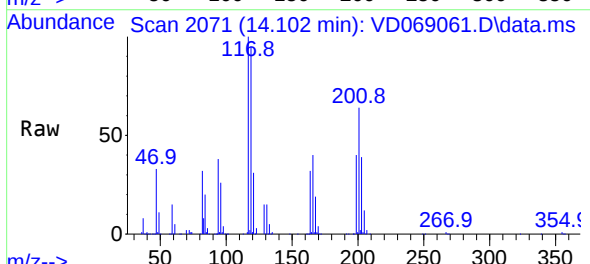
Tgt Ion: 91 Resp: 1880138
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.5
134 24.4 12.1 36.3

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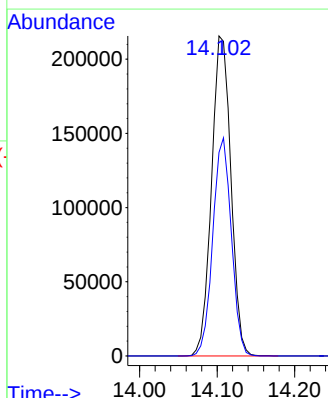
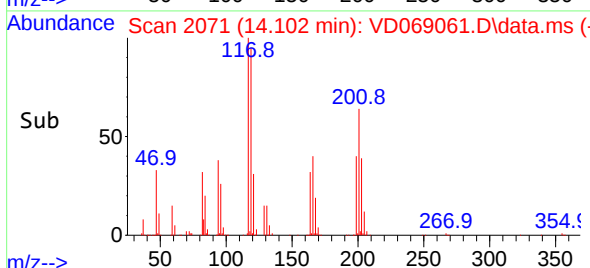
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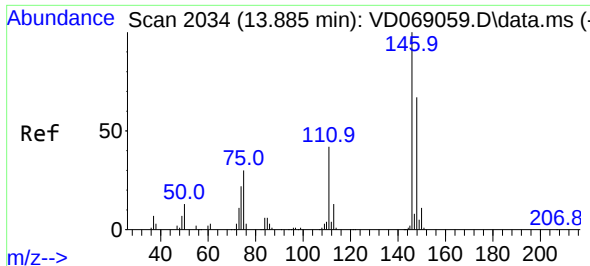


#90
Hexachloroethane
Concen: 147.90 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



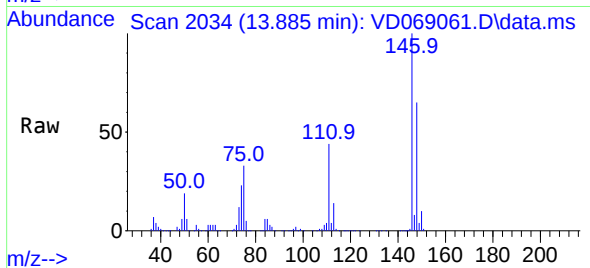
Tgt Ion: 117 Resp: 373783
Ion Ratio Lower Upper
117 100
201 65.2 32.6 97.8





#91
1,2-Dichlorobenzene
Concen: 147.67 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

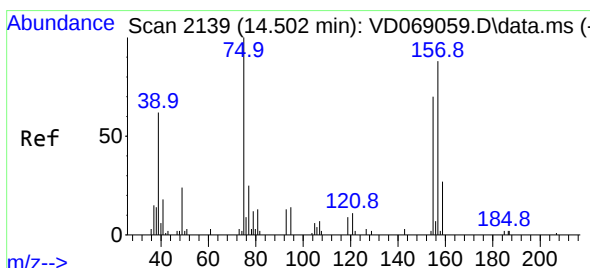
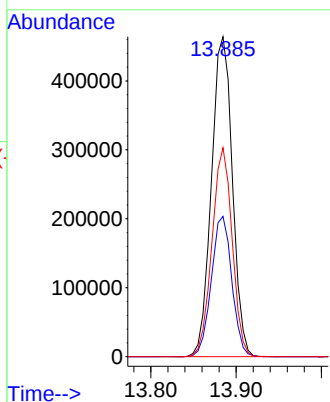
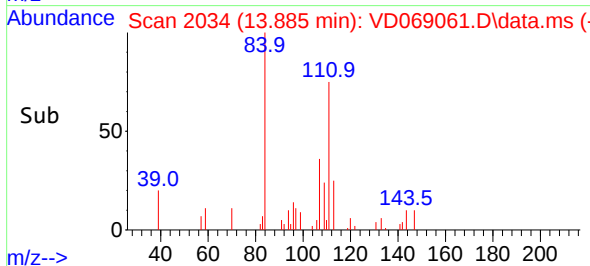
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MSVOA_D
ClientSampleId :
VSTDIC150



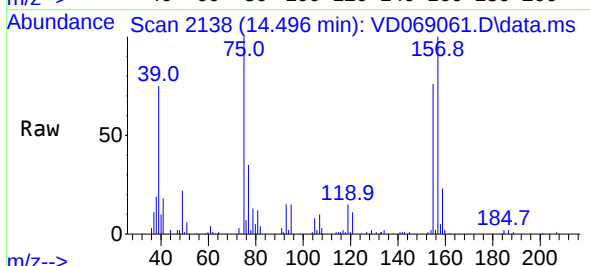
Tgt Ion:146 Resp: 791245
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 63.0 31.3 93.8

Manual Integrations
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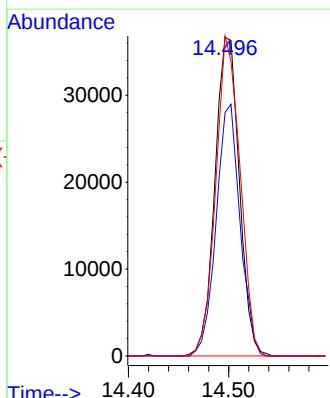
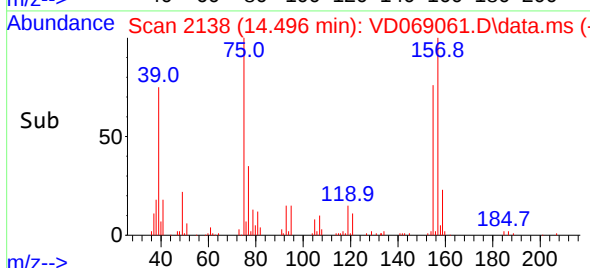
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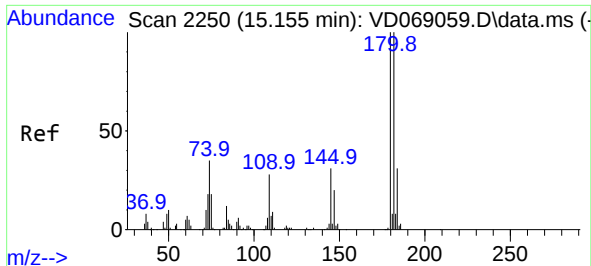


#92
1,2-Dibromo-3-Chloropropane
Concen: 144.37 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion: 75 Resp: 61749
Ion Ratio Lower Upper
75 100
155 77.6 39.1 117.3
157 100.1 48.6 145.8





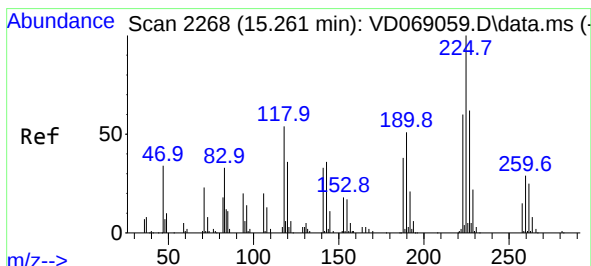
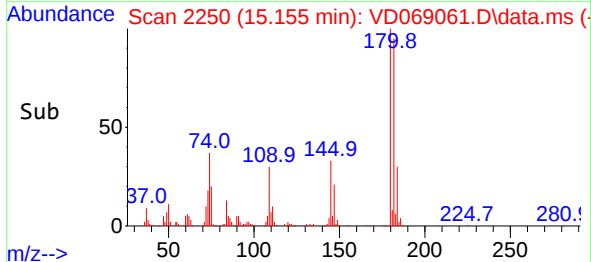
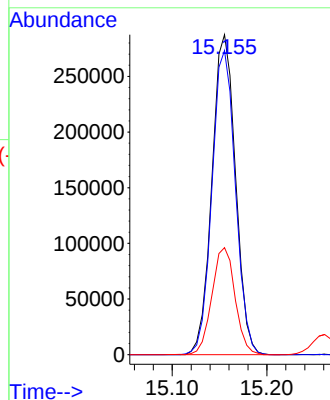
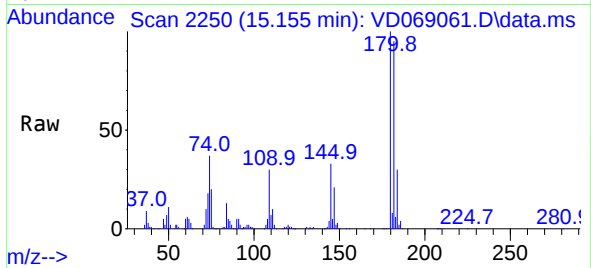
#93
1,2,4-Trichlorobenzene
Concen: 156.24 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

Tgt Ion:180 Resp: 496613
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 33.0 15.8 47.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

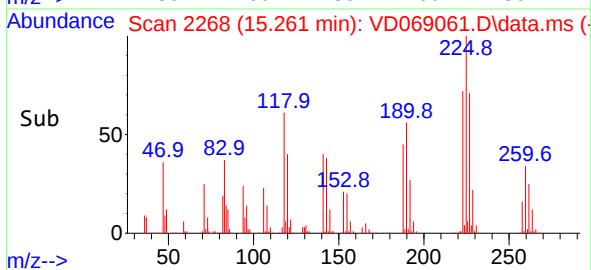
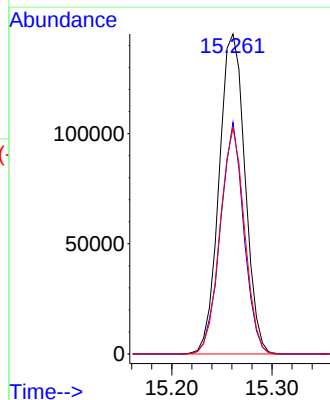
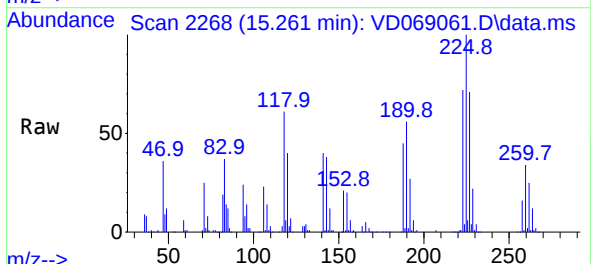
Manual Integrations
APPROVED

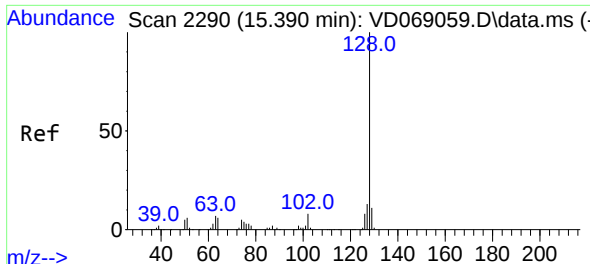
MMDadoda
5/5/2021 5:32:07 PM



#94
Hexachlorobutadiene
Concen: 141.25 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

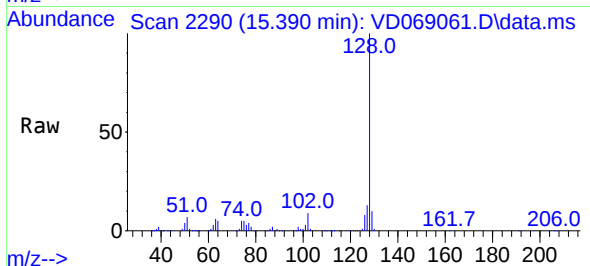
Tgt Ion:225 Resp: 260012
Ion Ratio Lower Upper
225 100
223 65.6 31.1 93.3
227 67.0 31.6 95.0





#95
Naphthalene
Concen: 174.04 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04

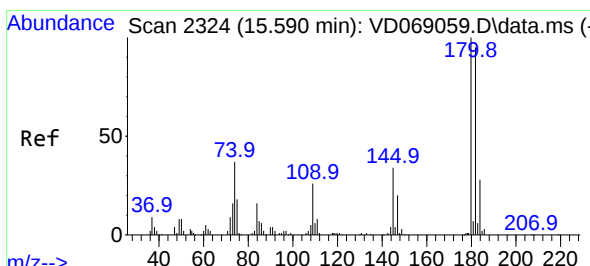
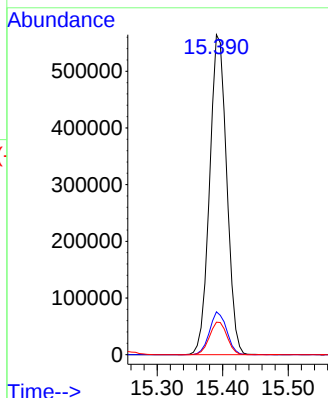
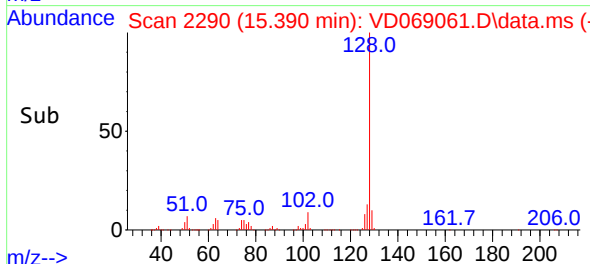
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



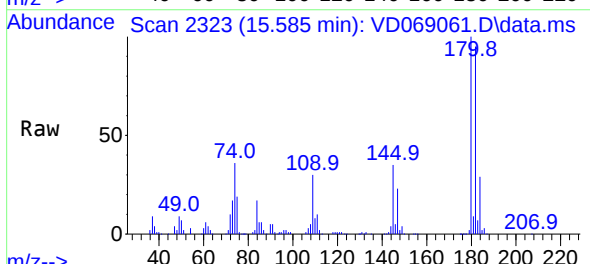
Tgt Ion:128 Resp: 1021315
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.5 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
5/5/2021 5:32:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 157.92 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD069061.D
Acq: 04 May 2021 12:04



Tgt Ion:180 Resp: 433546
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.5
145 34.3 17.4 52.2

