

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040423\
 Data File : VD075569.D
 Acq On : 04 Apr 2023 12:39
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 23:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	358973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	399101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	215895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	242426	29.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.040%	
7) Chloroethane-d5	2.805	69	218168	29.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.320%	
11) 1,1-Dichloroethene-d2	3.922	63	185430	27.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.040%#	
21) 2-Butanone-d5	6.981	46	35113	64.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.020%	
24) Chloroform-d	7.563	84	240556	28.423	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.680%	
26) 1,2-Dichloroethane-d4	8.228	65	104801	27.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.760%	
32) Benzene-d6	8.199	84	517419	22.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 88.720%	
36) 1,2-Dichloropropane-d6	9.210	67	135664	21.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 87.280%	
41) Toluene-d8	10.269	98	489889	22.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 89.560%	
43) trans-1,3-Dichloroprop...	10.528	79	59297	22.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.520%	
47) 2-Hexanone-d5	10.875	63	35718	48.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.080%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	139315	29.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.640%	
66) 1,2-Dichlorobenzene-d4	13.816	152	193480	26.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	79467	23.621	ug/L	99
3) Chloromethane	2.146	50	118107	26.828	ug/L	97
5) Vinyl chloride	2.287	62	174937	25.497	ug/L	100
6) Bromomethane	2.693	94	113994	24.350	ug/L	98
8) Chloroethane	2.840	64	124590	26.065	ug/L	94
9) Trichlorofluoromethane	3.181	101	153734	25.769	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	112652	27.182	ug/L	98
12) 1,1-Dichloroethene	3.940	96	88996	25.994	ug/L	97
13) Acetone	4.016	43	35328	61.888	ug/L	72
14) Carbon disulfide	4.269	76	196805	24.027	ug/L	99
15) Methyl Acetate	4.558	43	29901	31.257	ug/L	100
16) Methylene chloride	4.805	84	120011	24.322	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	99164	27.283	ug/L	89
18) Methyl tert-butyl Ether	5.316	73	210636	30.479	ug/L	99
19) 1,1-Dichloroethane	6.116	63	169636	27.227	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	121321	28.426	ug/L	95
22) 2-Butanone	7.081	43	43435	63.878	ug/L	98
23) Bromochloromethane	7.422	128	58332	28.987	ug/L	98
25) Chloroform	7.593	83	209074	28.015	ug/L	98

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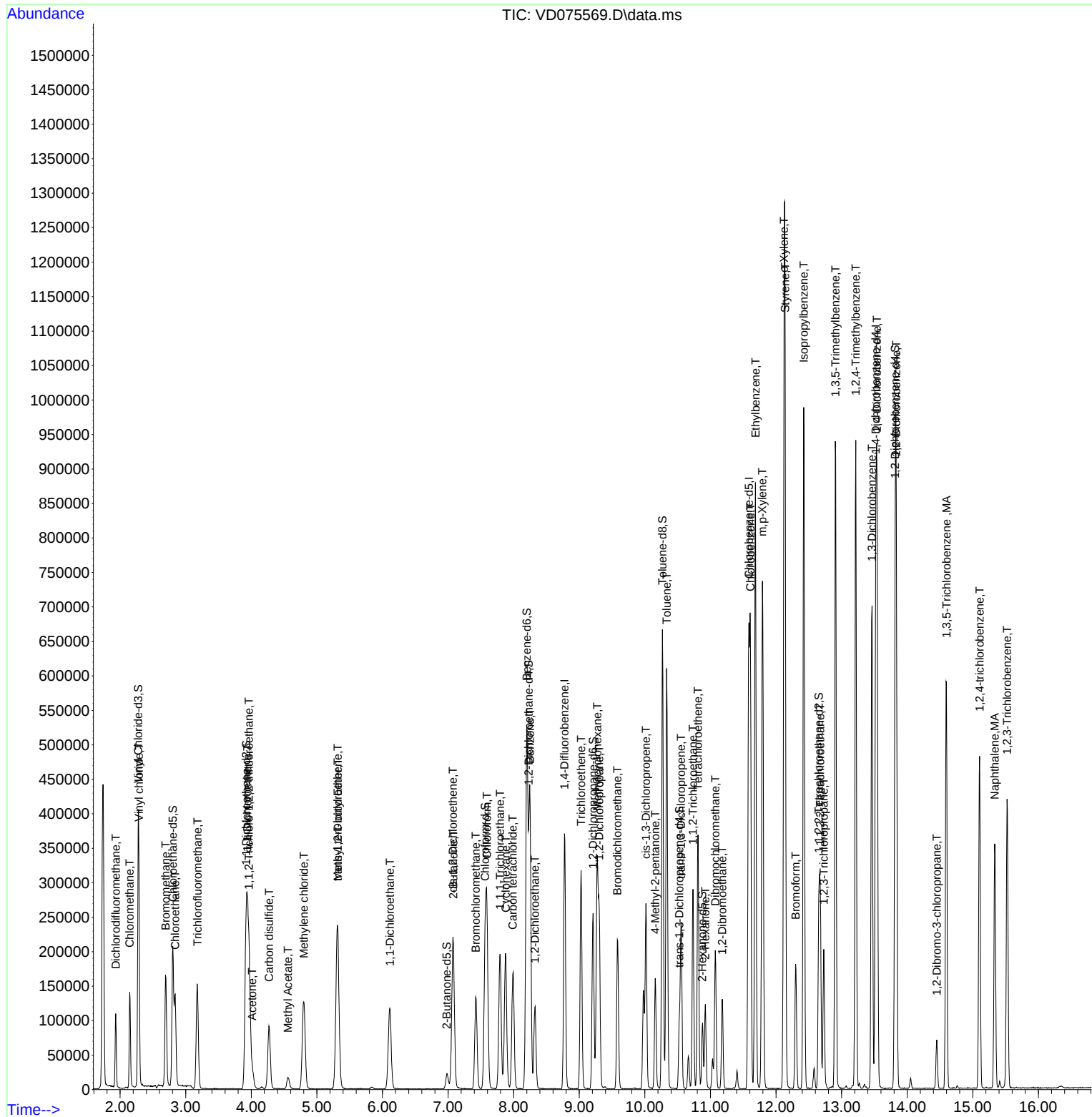
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	105300	27.298	ug/L	99
29) Cyclohexane	7.881	56	100247	20.583	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	167078	21.251	ug/L	99
31) Carbon tetrachloride	7.987	117	137725	21.700	ug/L	100
33) Benzene	8.251	78	429230	20.901	ug/L	100
34) Trichloroethene	9.028	95	111394	19.361	ug/L	98
35) Methylcyclohexane	9.275	83	151227	20.095	ug/L	99
37) 1,2-Dichloropropane	9.304	63	106352	22.012	ug/L	98
38) Bromodichloromethane	9.581	83	154902	22.510	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	173788	22.685	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	90936	50.214	ug/L	100
42) Toluene	10.334	91	496183	21.746	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	146316	22.464	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	97597	22.012	ug/L	96
46) Tetrachloroethene	10.810	164	88050	19.540	ug/L	99
48) 2-Hexanone	10.922	43	65822	53.930	ug/L	100
49) Dibromochloromethane	11.075	129	112508	23.437	ug/L	98
50) 1,2-Dibromoethane	11.181	107	88238	22.714	ug/L	94
51) Chlorobenzene	11.610	112	398136	25.908	ug/L	97
52) Ethylbenzene	11.687	91	656648	27.367	ug/L	99
53) m,p-Xylene	11.792	106	264694	28.133	ug/L	98
54) o-Xylene	12.122	106	257089	28.696	ug/L	99
55) Styrene	12.140	104	464448	29.094	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	135142	29.534	ug/L	92
59) Bromoform	12.298	173	86697	25.966	ug/L	99
60) Isopropylbenzene	12.422	105	680165	23.861	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	83830	24.532	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	524205	24.380	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	516822	25.136	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	332665	25.773	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	338798	25.164	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	300764	25.727	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	17254	25.073	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	207940	26.123	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	170898	26.520	ug/L	98
71) Naphthalene	15.333	128	338960	28.449	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	158231	27.412	ug/L	99

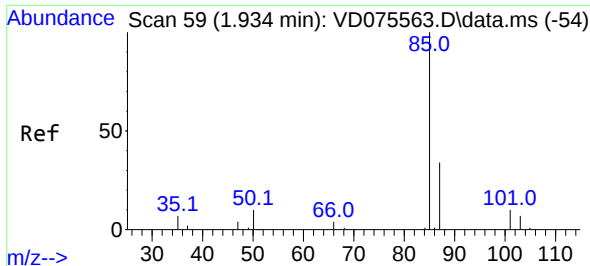
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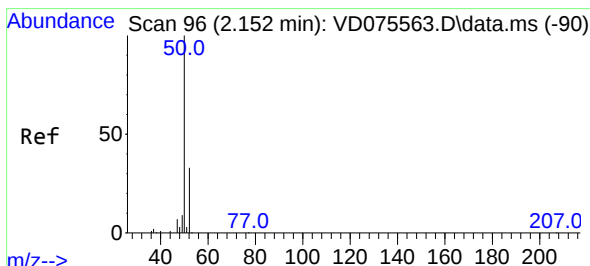
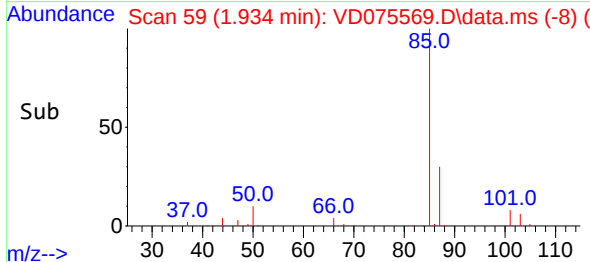
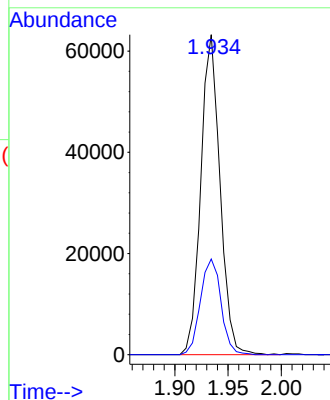
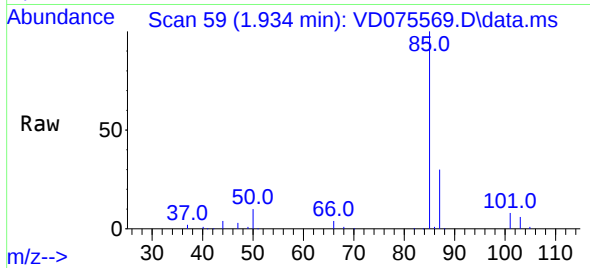




#2
Dichlorodifluoromethane
Concen: 23.621 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

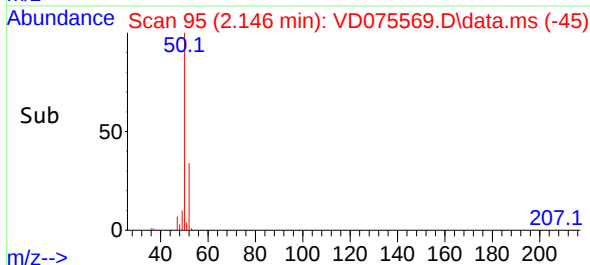
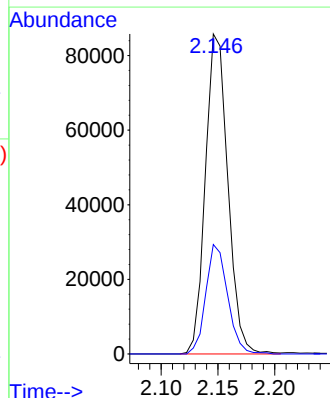
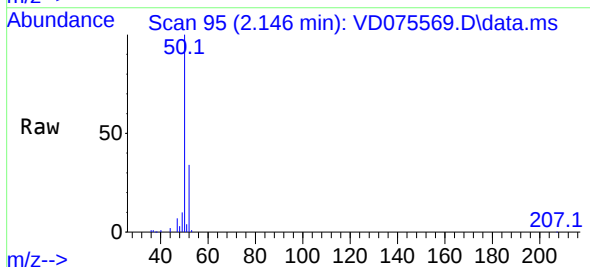
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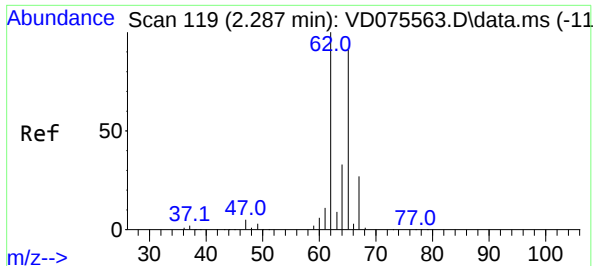
Tgt Ion: 85 Resp: 79467
Ion Ratio Lower Upper
85 100
87 32.0 25.0 37.4



#3
Chloromethane
Concen: 26.828 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 50 Resp: 118107
Ion Ratio Lower Upper
50 100
52 34.2 22.7 42.1

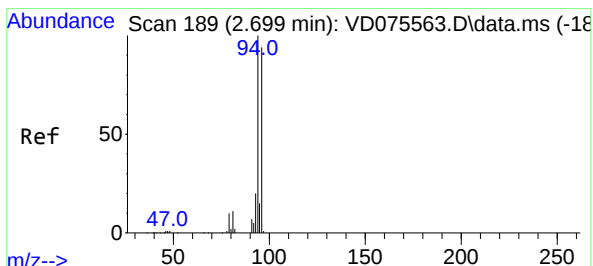
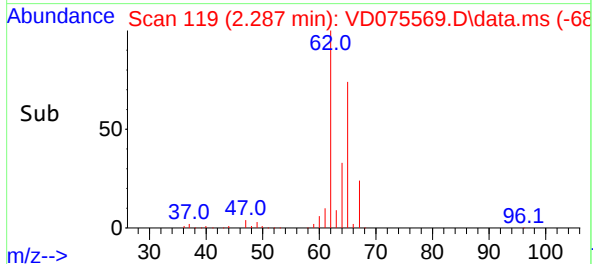
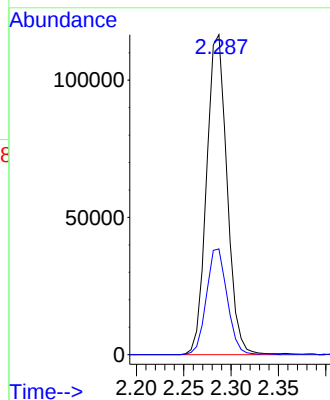
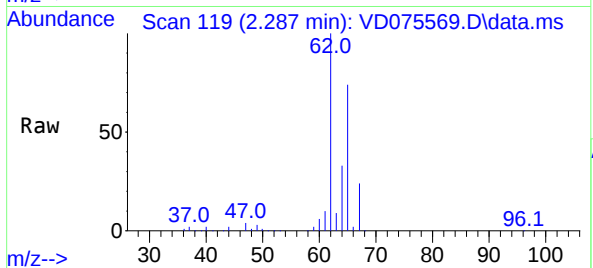




#5
 Vinyl chloride
 Concen: 25.497 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075569.D
 Acq: 04 Apr 2023 12:39

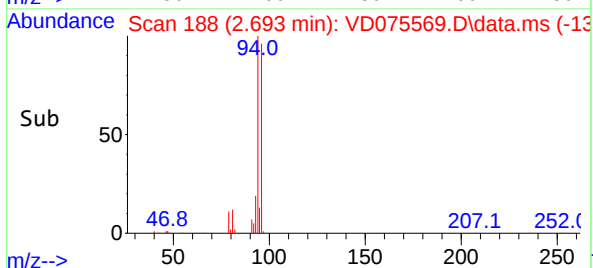
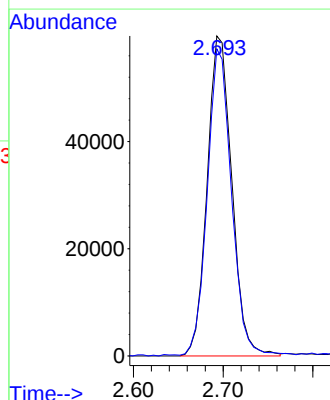
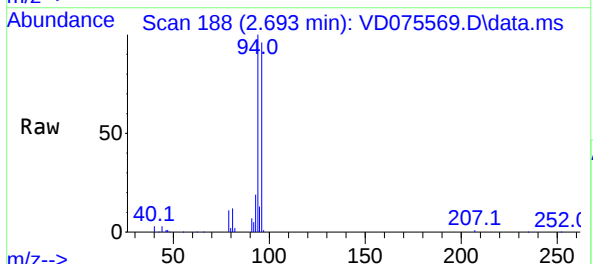
Instrument :
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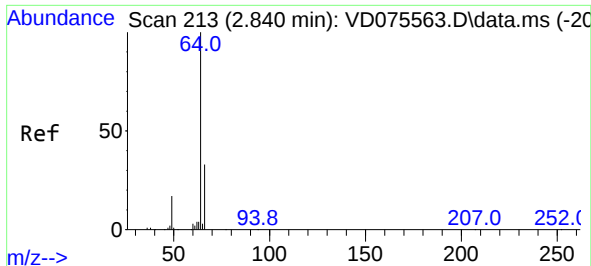
Tgt Ion: 62 Resp: 174937
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 24.350 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075569.D
 Acq: 04 Apr 2023 12:39

Tgt Ion: 94 Resp: 113994
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.1 122.7

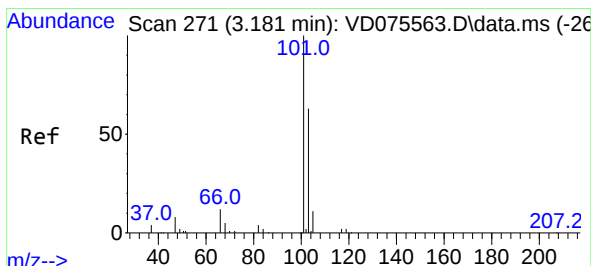
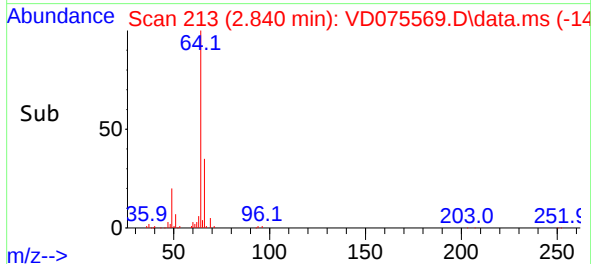
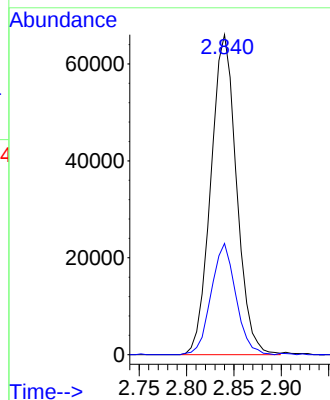
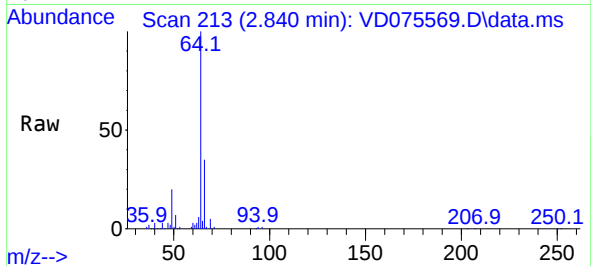




#8
Chloroethane
Concen: 26.065 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

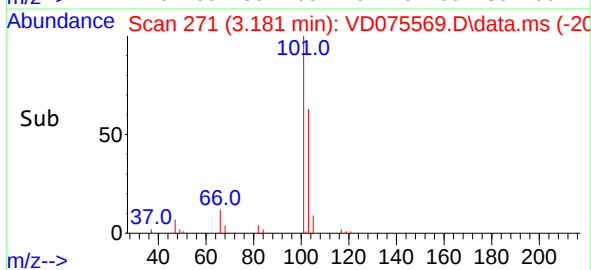
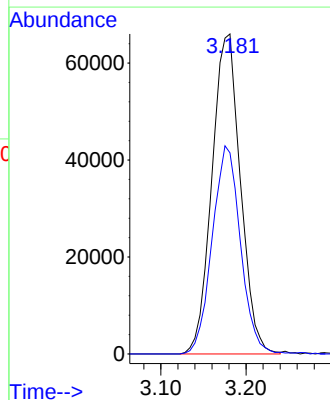
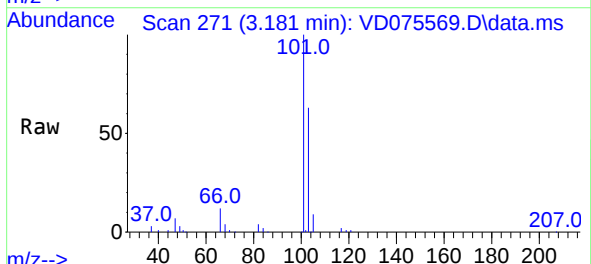
Instrument :
MSVOA_D
ClientSampleId :

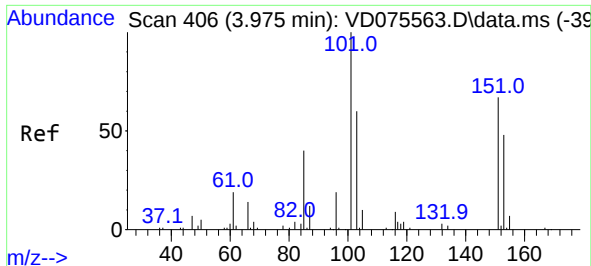
Tgt Ion: 64 Resp: 124590
Ion Ratio Lower Upper
64 100
66 34.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.769 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion:101 Resp: 153734
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

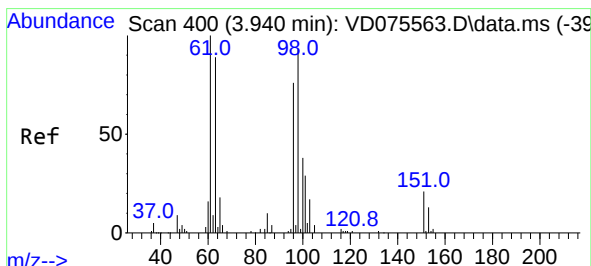
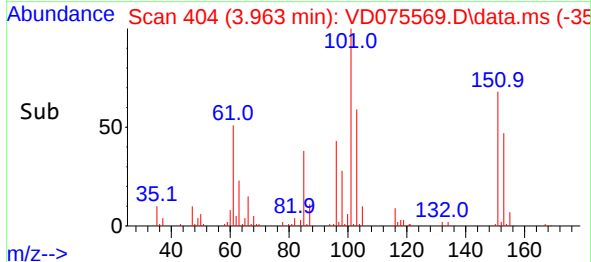
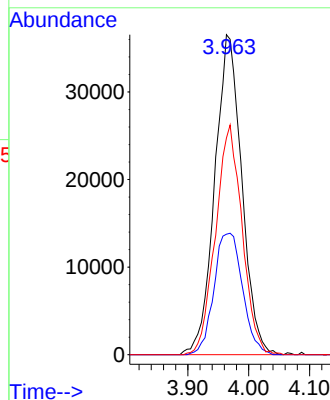
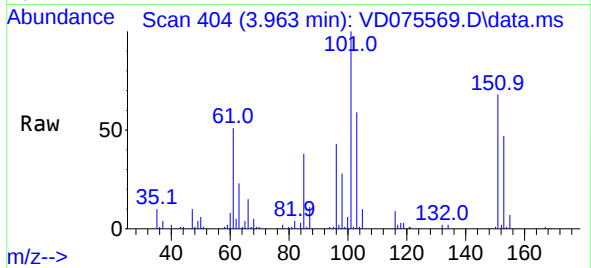




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.182 ug/L
RT: 3.963 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

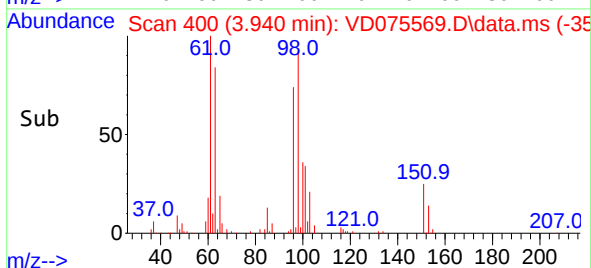
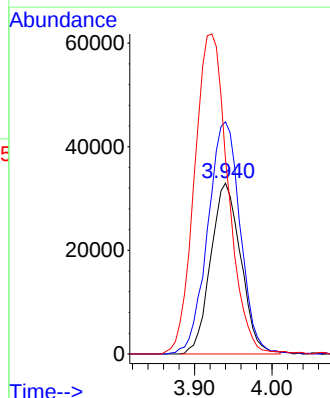
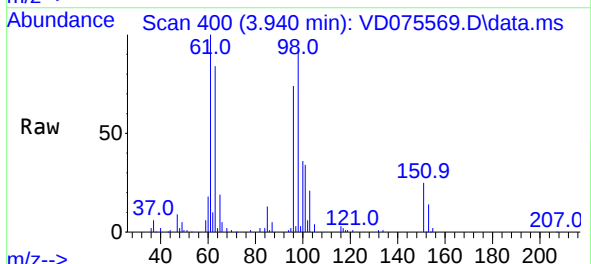
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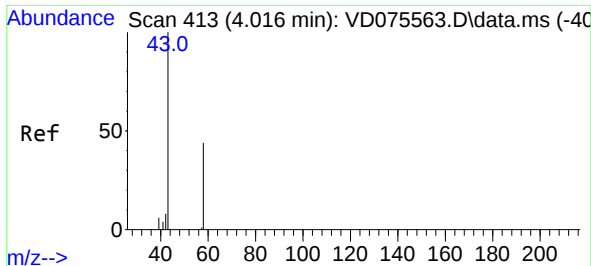
Tgt Ion:101 Resp: 112652
Ion Ratio Lower Upper
101 100
85 40.1 33.4 50.0
151 70.6 55.8 83.8



#12
1,1-Dichloroethene
Concen: 25.994 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 96 Resp: 88996
Ion Ratio Lower Upper
96 100
61 135.8 96.7 179.7
63 114.0 76.0 141.2

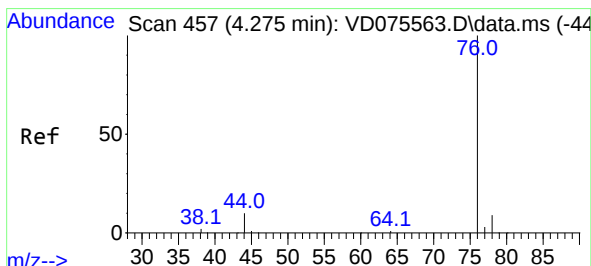
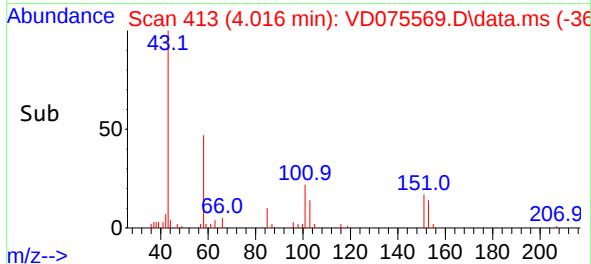
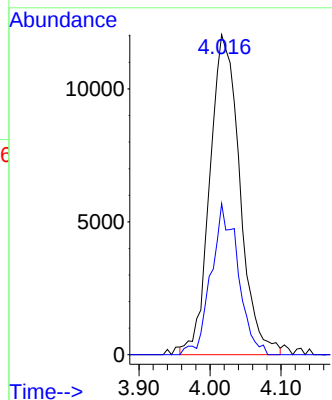
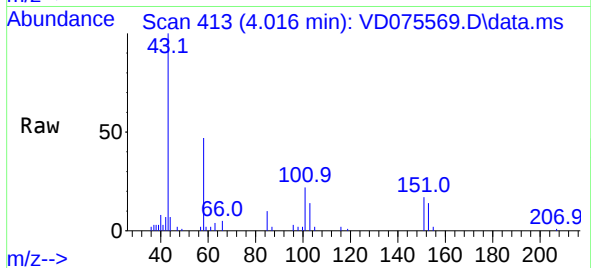




#13
Acetone
Concen: 61.888 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD075569.D
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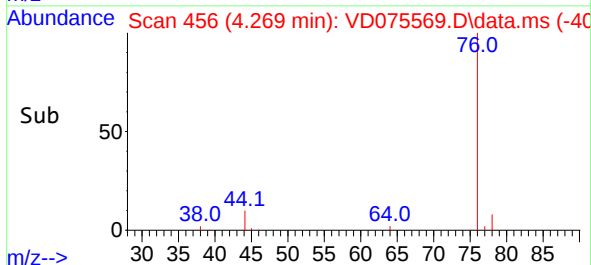
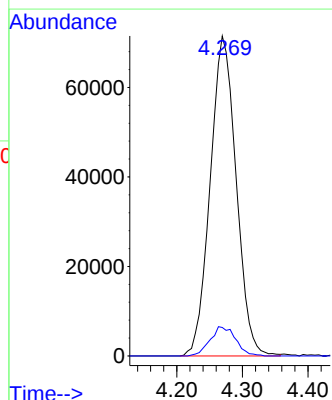
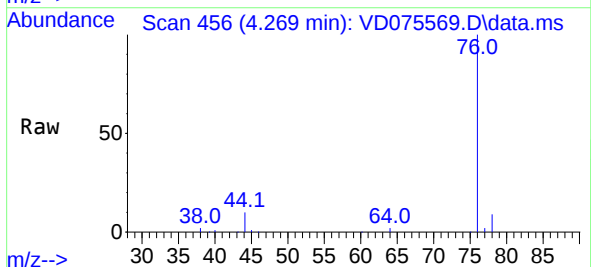
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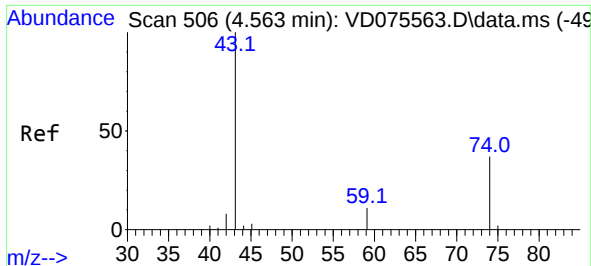
Tgt Ion: 43 Resp: 35328
Ion Ratio Lower Upper
43 100
58 21.8 0.0 77.4



#14
Carbon disulfide
Concen: 24.027 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 196805
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

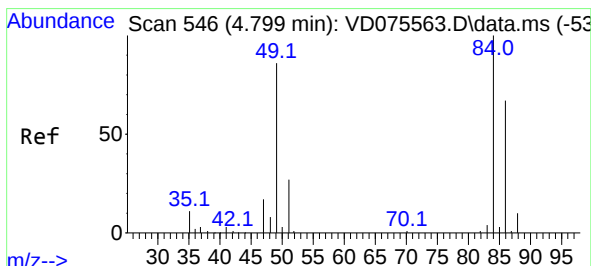
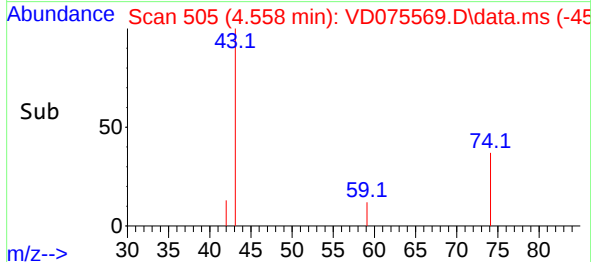
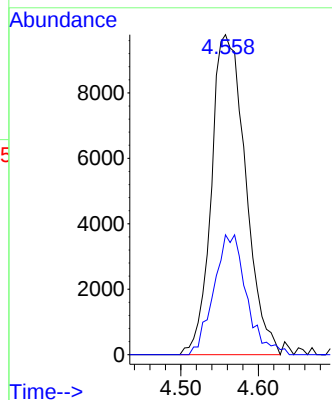
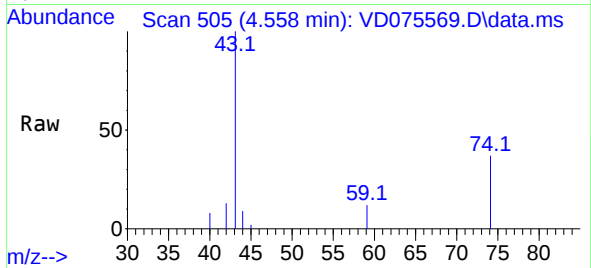




#15
Methyl Acetate
Concen: 31.257 ug/L
RT: 4.558 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

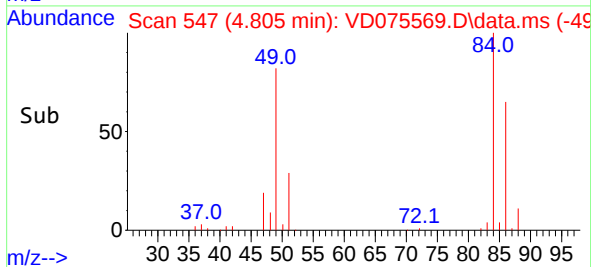
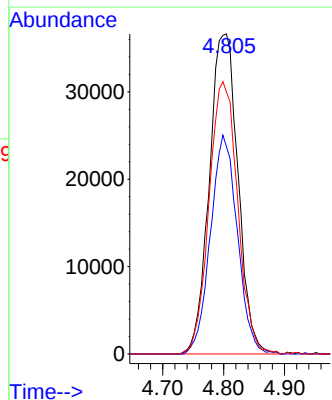
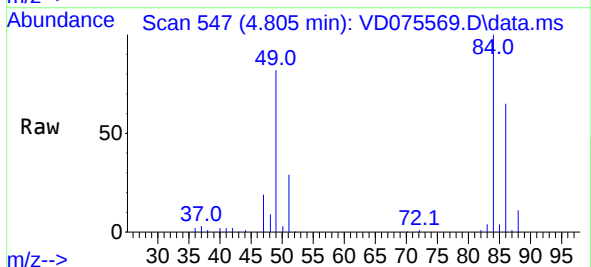
Instrument :
MSVOA_D
ClientSampleId :

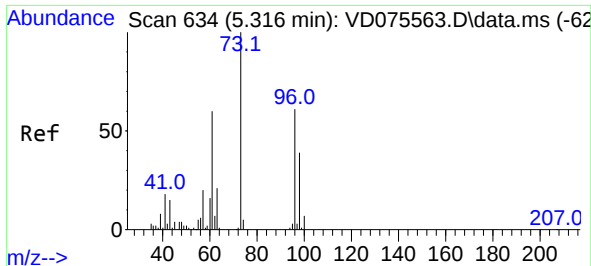
Tgt Ion: 43 Resp: 29901
Ion Ratio Lower Upper
43 100
74 36.0 29.0 43.4



#16
Methylene chloride
Concen: 24.322 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 84 Resp: 120011
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.4
49 81.9 58.5 108.7





#17

trans-1,2-Dichloroethene

Concen: 27.283 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

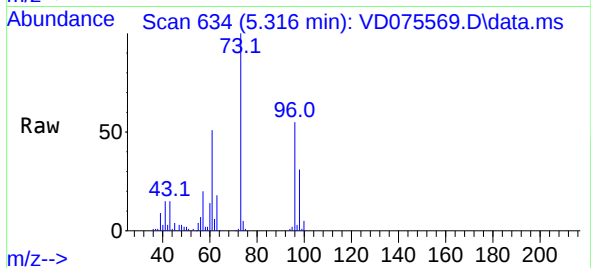
Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :



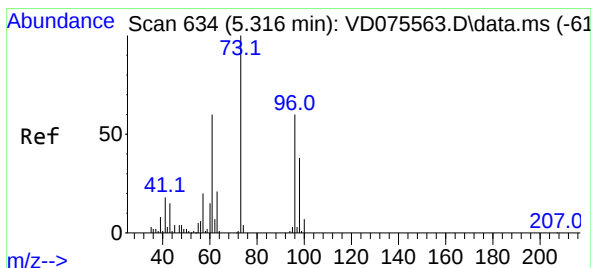
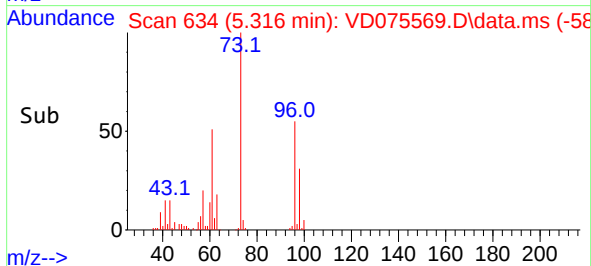
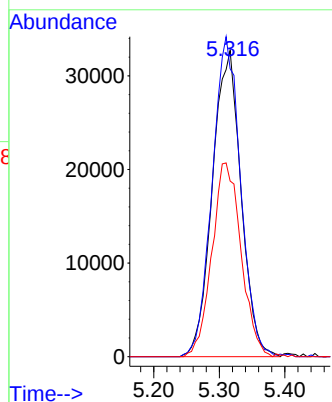
Tgt Ion: 96 Resp: 99164

Ion Ratio Lower Upper

96 100

61 94.0 75.4 140.0

98 57.4 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 30.479 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

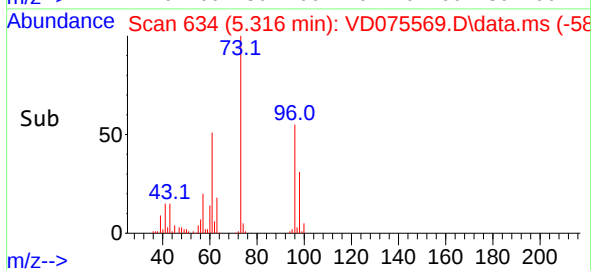
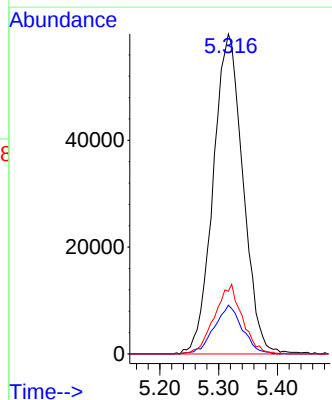
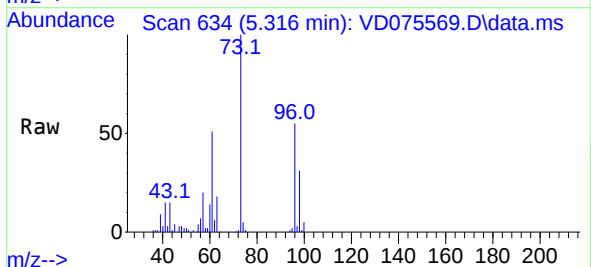
Tgt Ion: 73 Resp: 210636

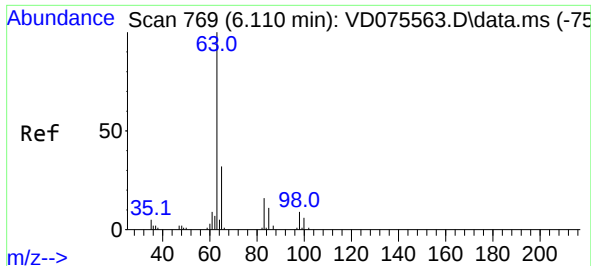
Ion Ratio Lower Upper

73 100

43 14.4 11.4 17.0

57 20.2 15.8 23.6

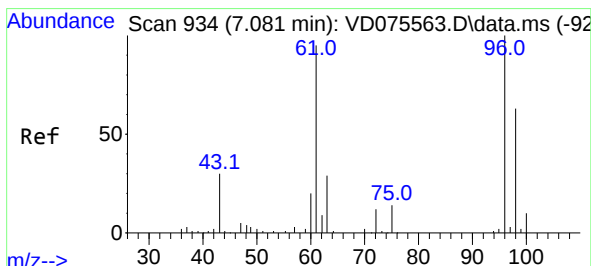
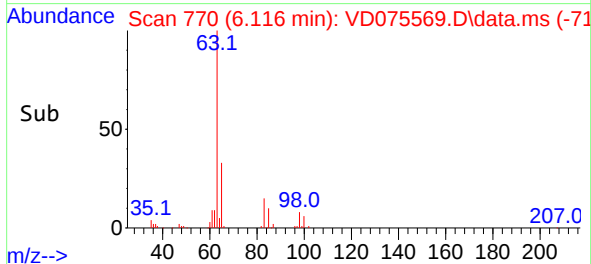
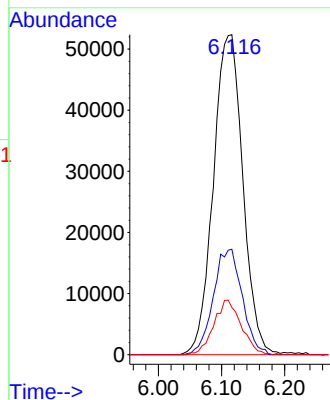
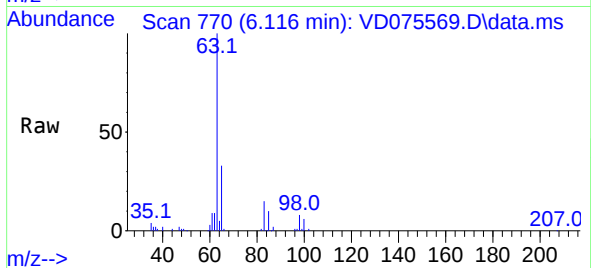




#19
1,1-Dichloroethane
Concen: 27.227 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

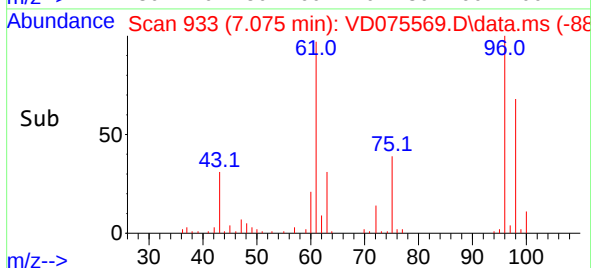
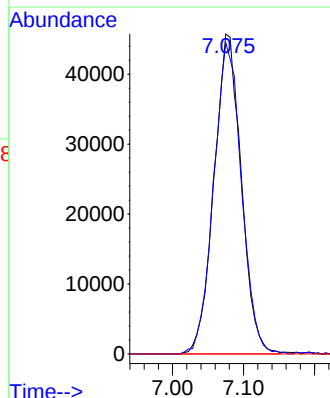
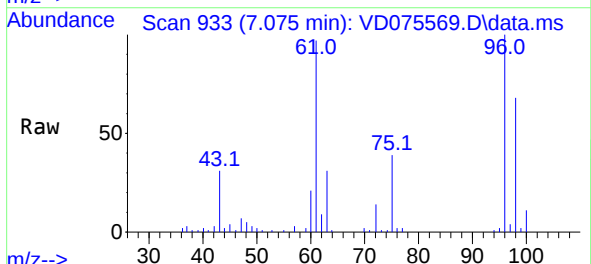
Instrument :
MSVOA_D
ClientSampleId :

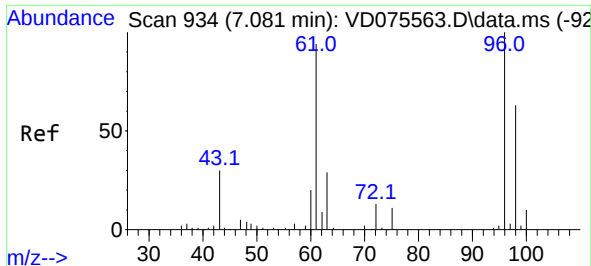
Tgt Ion: 63 Resp: 169636
Ion Ratio Lower Upper
63 100
65 33.0 23.1 42.9
83 14.8 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 28.426 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 96 Resp: 121321
Ion Ratio Lower Upper
96 100
61 97.1 64.8 120.4
68 0.0 0.0 0.0

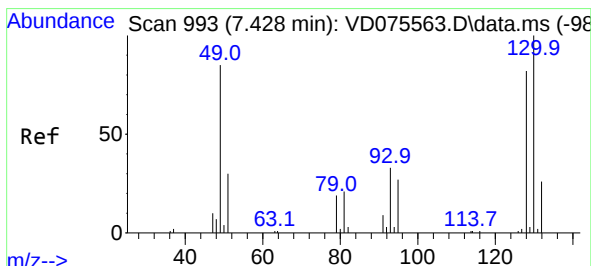
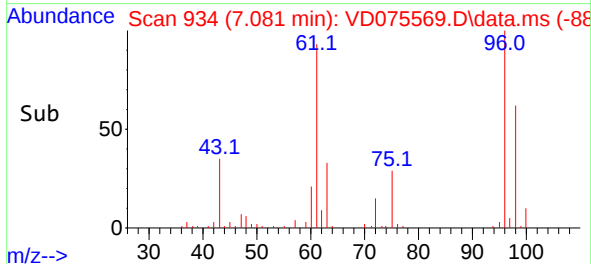
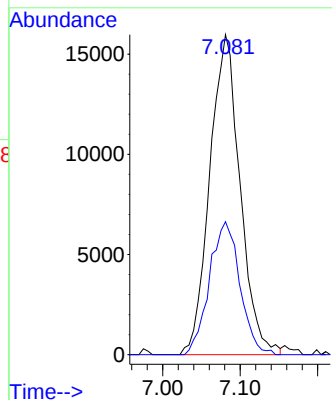
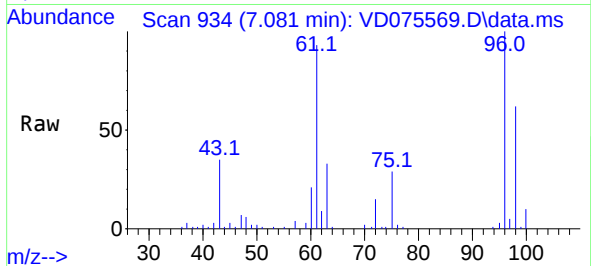




#22
2-Butanone
Concen: 63.878 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

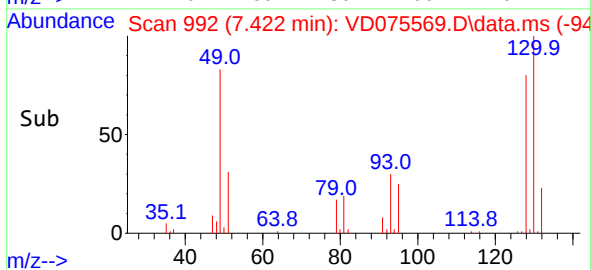
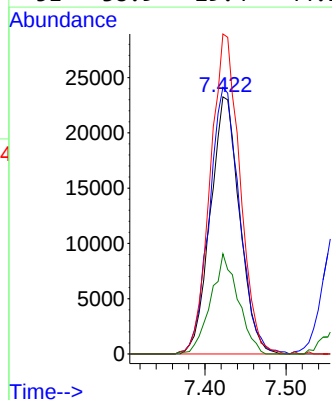
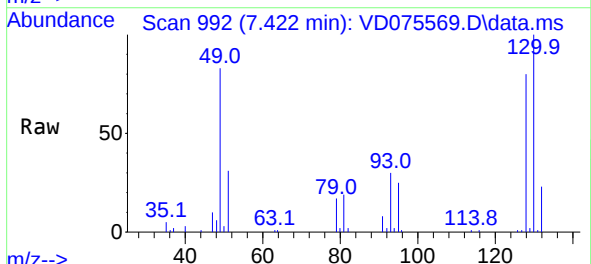
Instrument :
MSVOA_D
ClientSampleId :

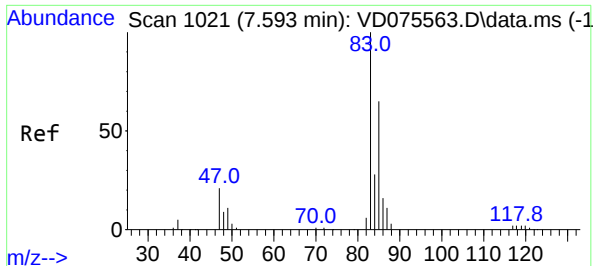
Tgt Ion: 43 Resp: 43435
Ion Ratio Lower Upper
43 100
72 41.6 21.3 63.9



#23
Bromochloromethane
Concen: 28.987 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion:128 Resp: 58332
Ion Ratio Lower Upper
128 100
49 103.6 75.0 139.4
130 124.5 87.4 162.2
51 38.9 29.4 44.2





#25

Chloroform

Concen: 28.015 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

Instrument :

MSVOA_D

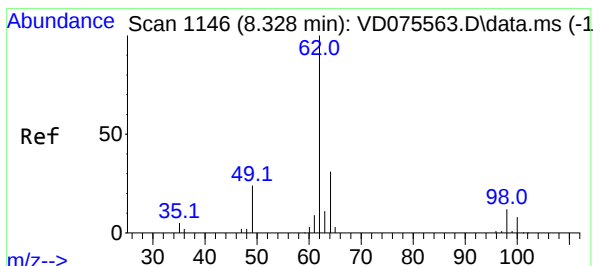
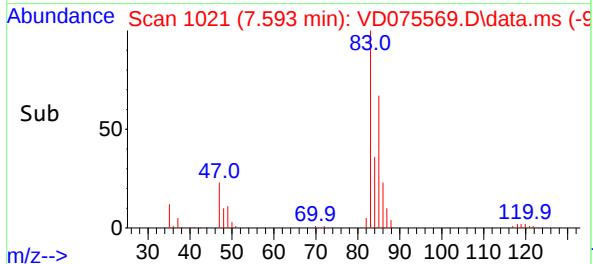
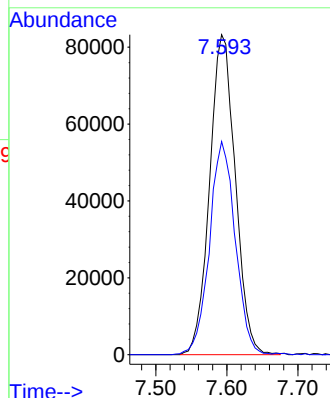
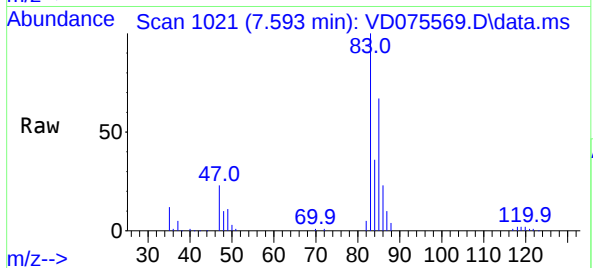
ClientSampleId :

Tgt Ion: 83 Resp: 209074

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 27.298 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075569.D

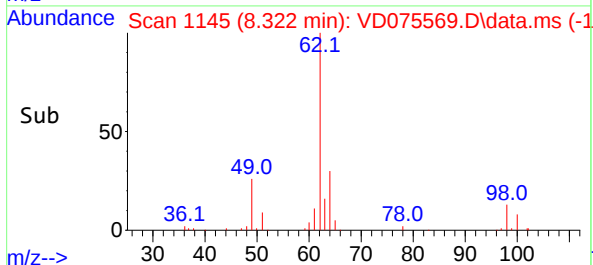
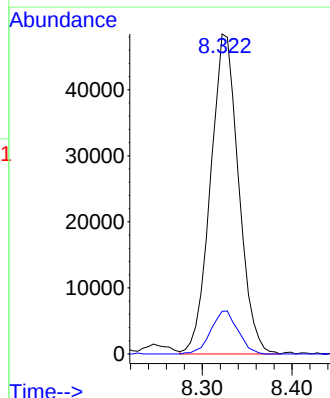
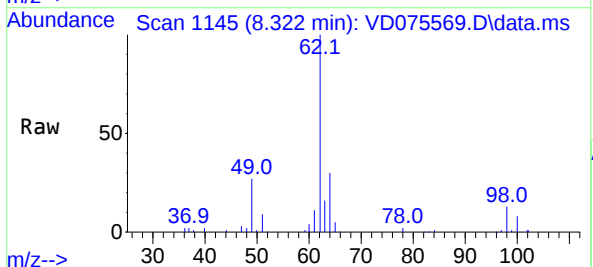
Acq: 04 Apr 2023 12:39

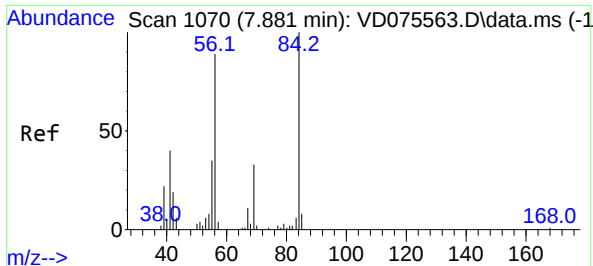
Tgt Ion: 62 Resp: 105300

Ion Ratio Lower Upper

62 100

98 13.3 10.5 15.7





#29

Cyclohexane

Concen: 20.583 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

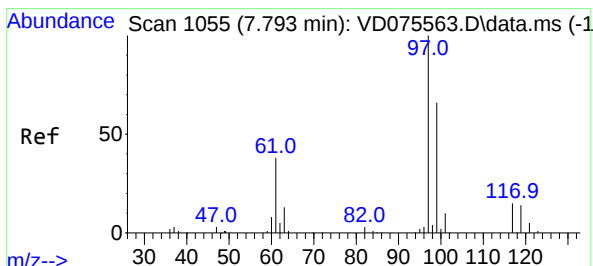
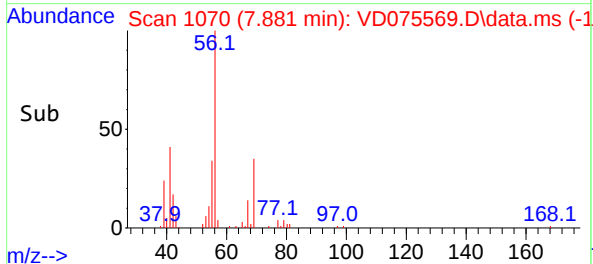
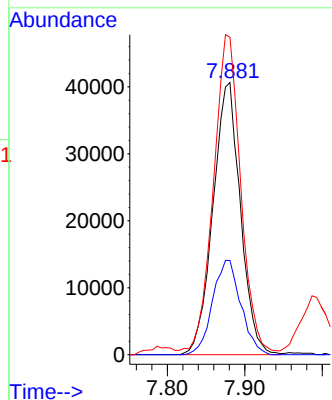
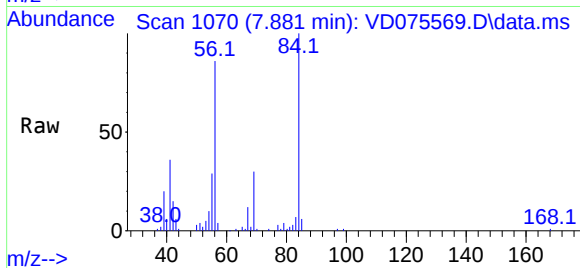
Tgt Ion: 56 Resp: 100247

Ion Ratio Lower Upper

56 100

69 35.6 28.3 42.5

84 114.6 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 21.251 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

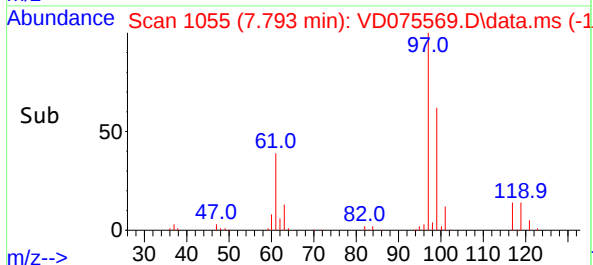
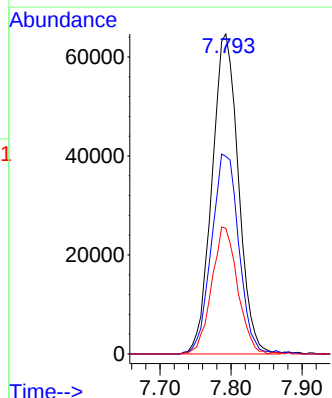
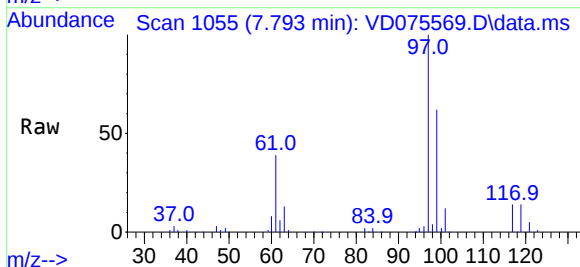
Tgt Ion: 97 Resp: 167078

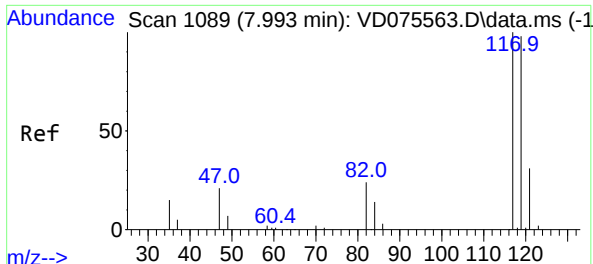
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

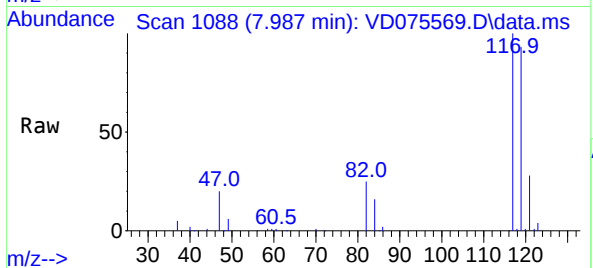
61 38.9 32.2 48.2



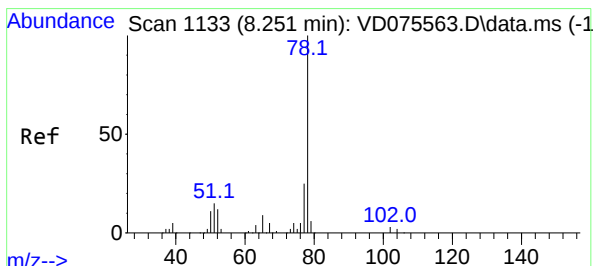
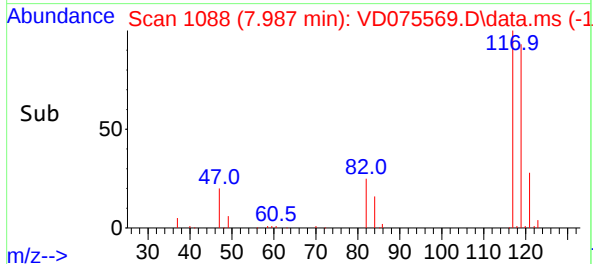
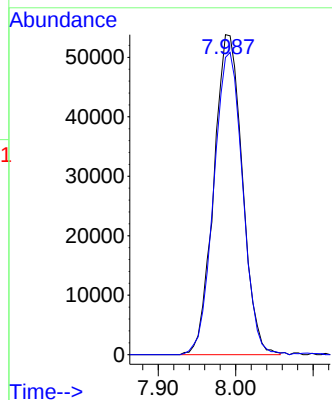


#31
Carbon tetrachloride
Concen: 21.700 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

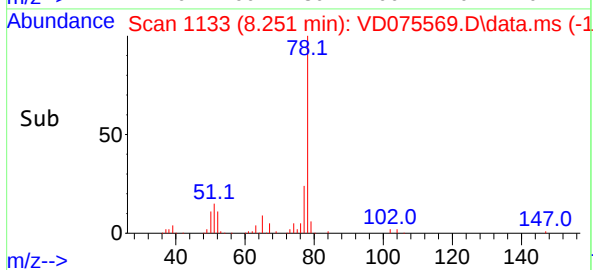
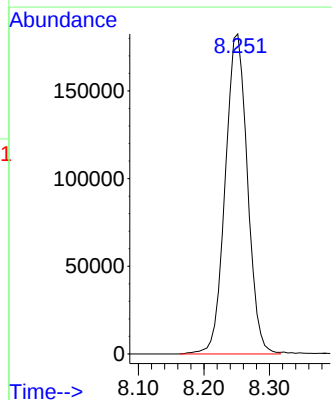
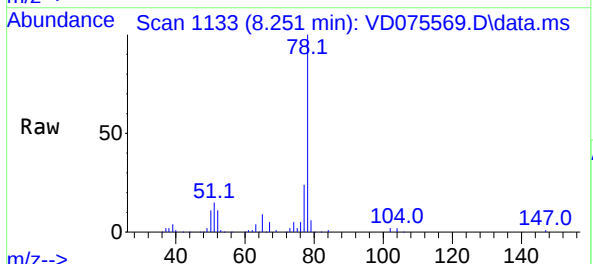


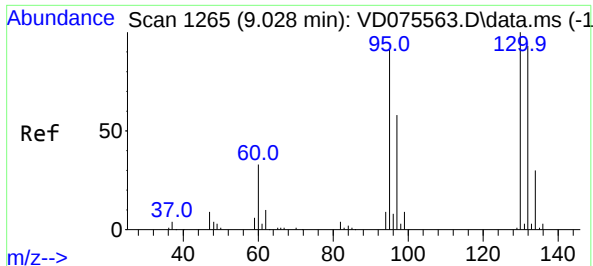
Tgt Ion:117 Resp: 137725
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6



#33
Benzene
Concen: 20.901 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

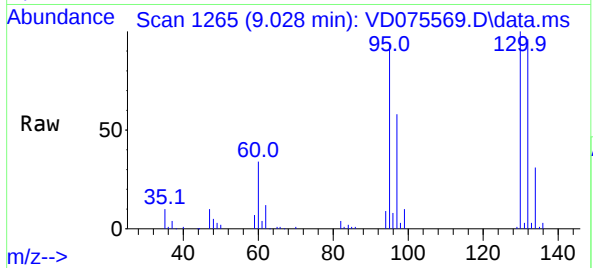
Tgt Ion: 78 Resp: 429230



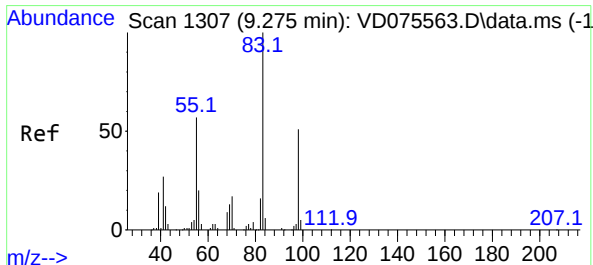
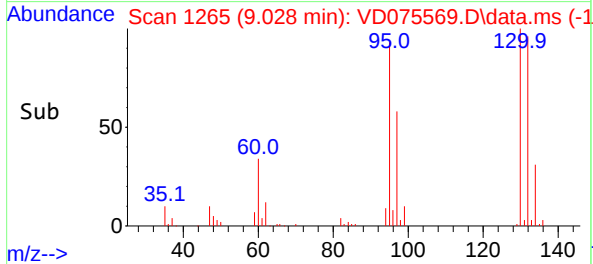
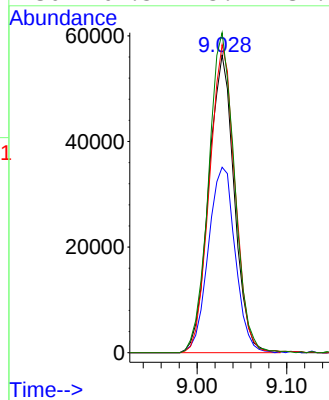


#34
Trichloroethene
Concen: 19.361 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

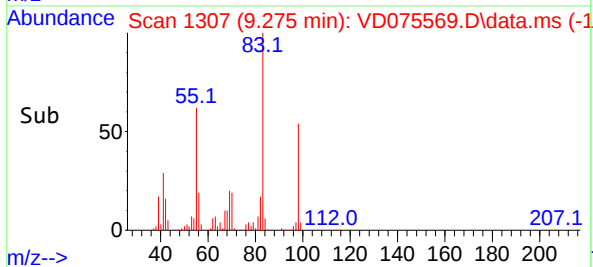
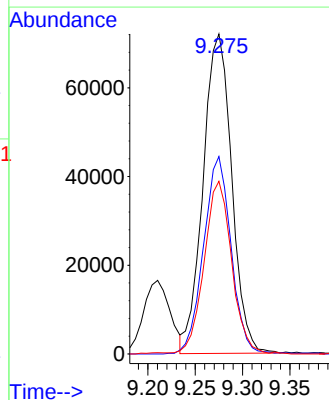
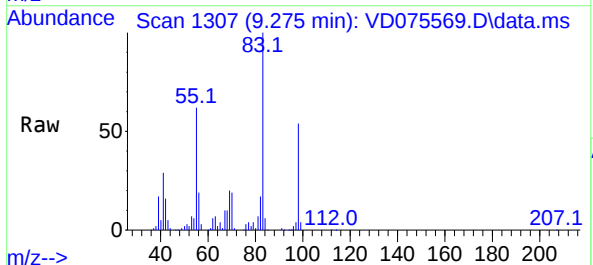


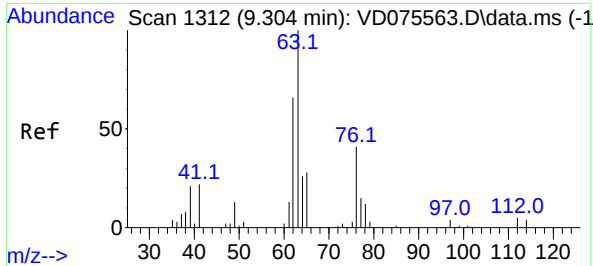
Tgt Ion: 95 Resp: 111394
Ion Ratio Lower Upper
95 100
97 62.3 47.0 87.2
132 103.4 71.2 132.2
130 107.5 75.2 139.6



#35
Methylcyclohexane
Concen: 20.095 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 83 Resp: 151227
Ion Ratio Lower Upper
83 100
55 59.3 46.9 70.3
98 52.0 40.8 61.2

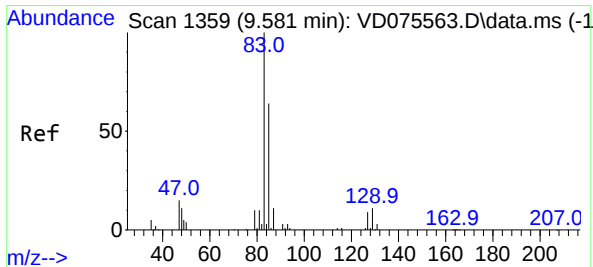
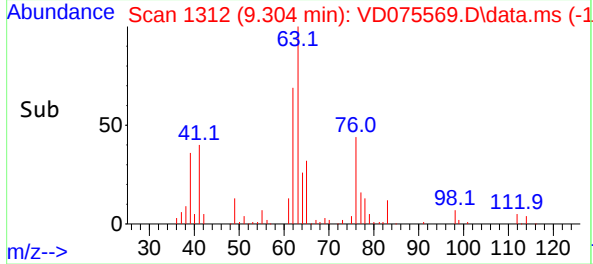
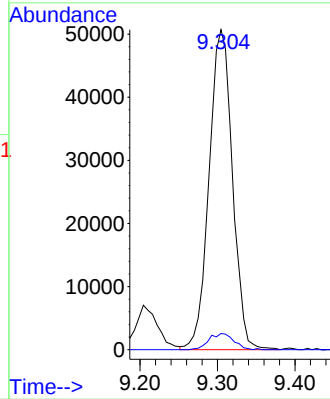
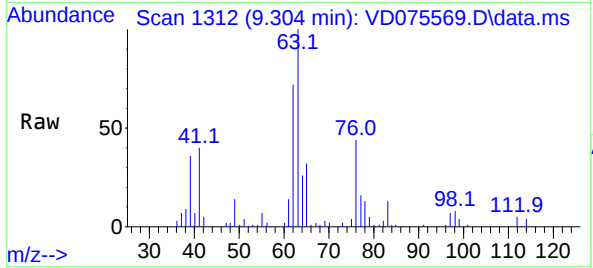




#37
1,2-Dichloropropane
Concen: 22.012 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

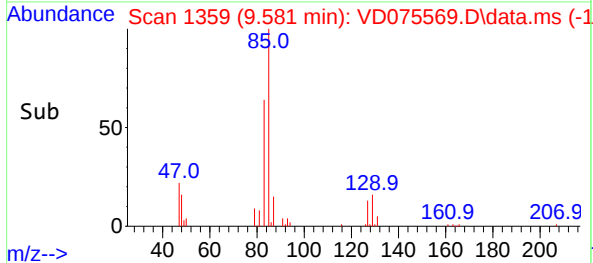
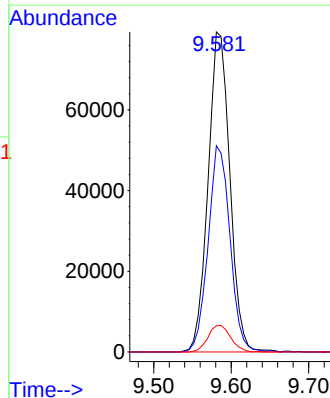
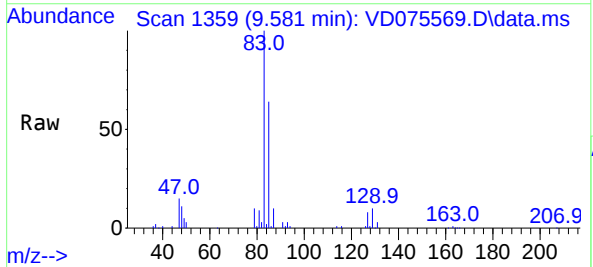
Instrument :
MSVOA_D
ClientSampleId :

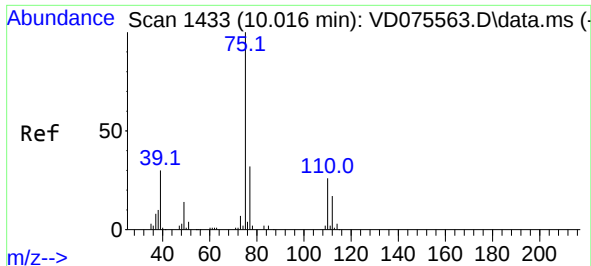
Tgt Ion: 63 Resp: 106352
Ion Ratio Lower Upper
63 100
112 5.4 4.7 7.1



#38
Bromodichloromethane
Concen: 22.510 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 83 Resp: 154902
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 8.2 6.8 10.2

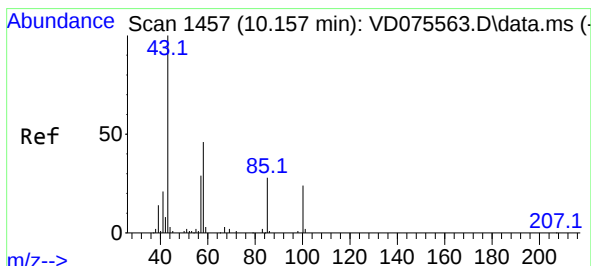
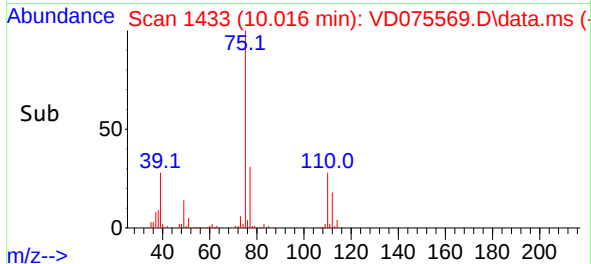
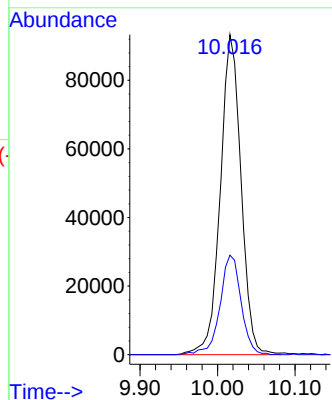
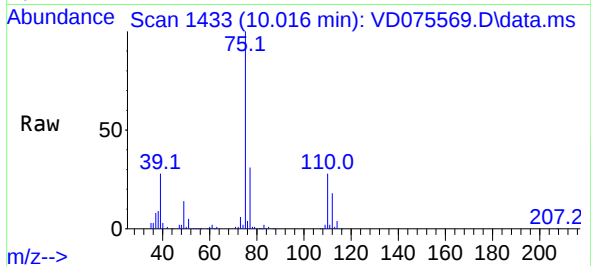




#39
cis-1,3-Dichloropropene
Concen: 22.685 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

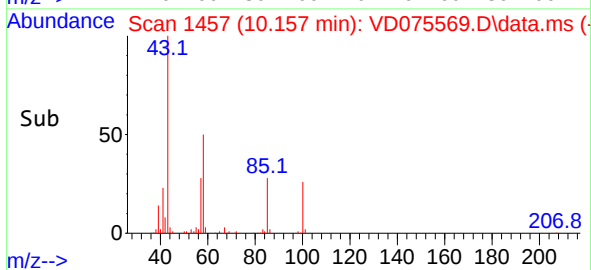
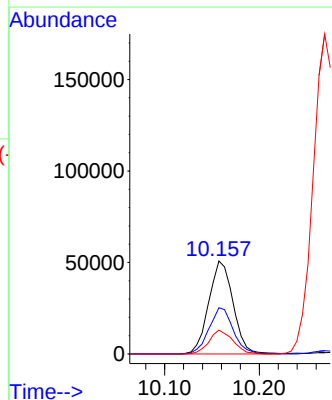
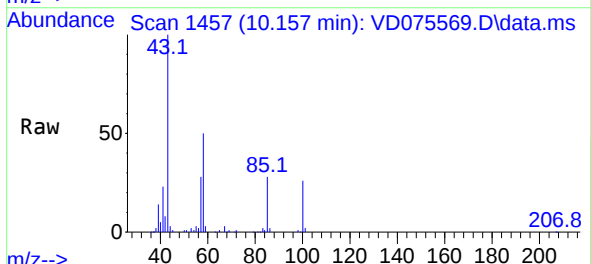
Instrument :
MSVOA_D
ClientSampleId :

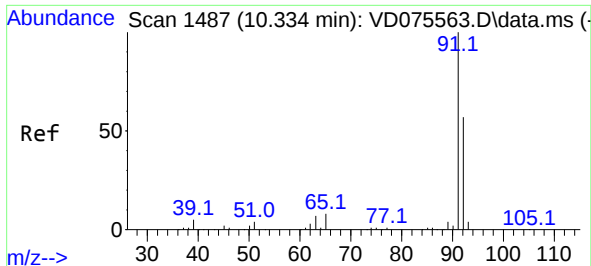
Tgt Ion: 75 Resp: 173788
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 50.214 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 43 Resp: 90936
Ion Ratio Lower Upper
43 100
58 49.2 39.4 59.0
100 25.0 20.3 30.5

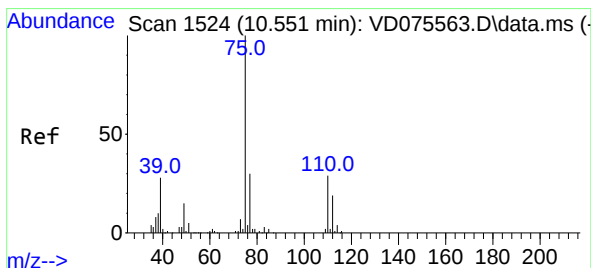
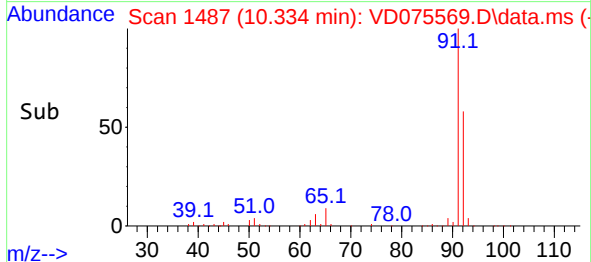
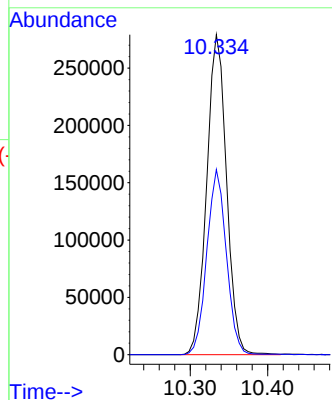
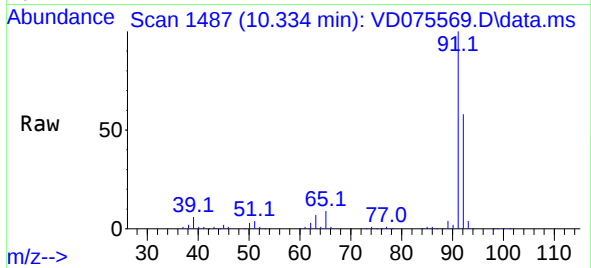




#42
Toluene
Concen: 21.746 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

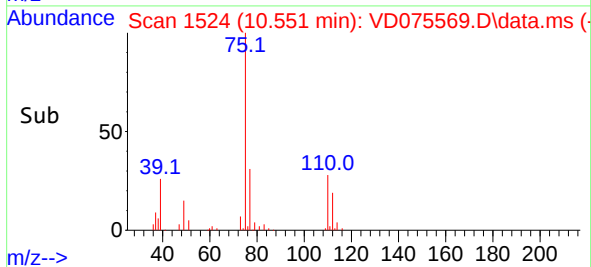
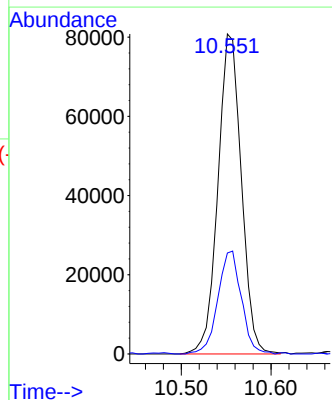
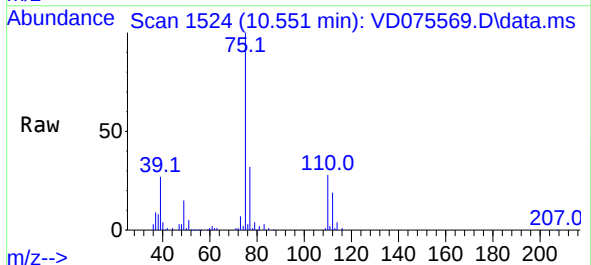
Instrument :
MSVOA_D
ClientSampleId :

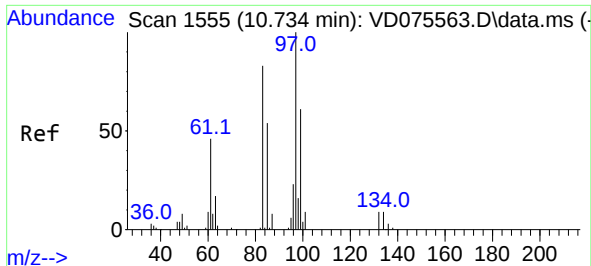
Tgt Ion: 91 Resp: 496183
Ion Ratio Lower Upper
91 100
92 57.9 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 22.464 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

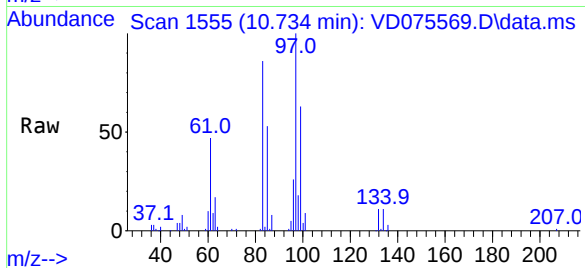
Tgt Ion: 75 Resp: 146316
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1



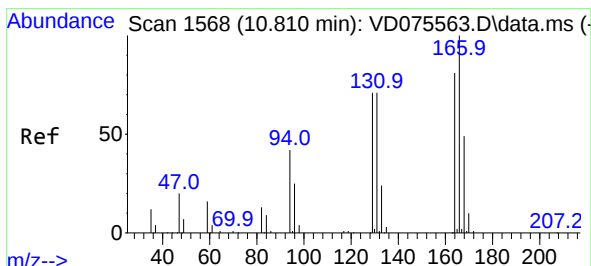
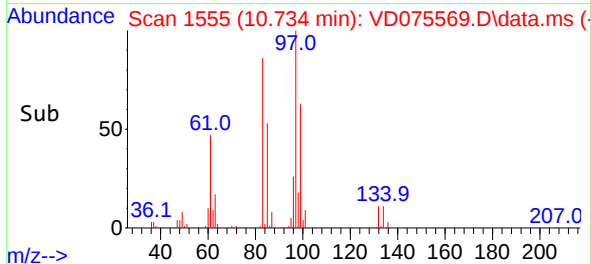
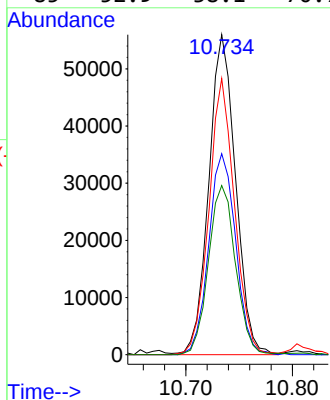


#45
1,1,2-Trichloroethane
Concen: 22.012 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

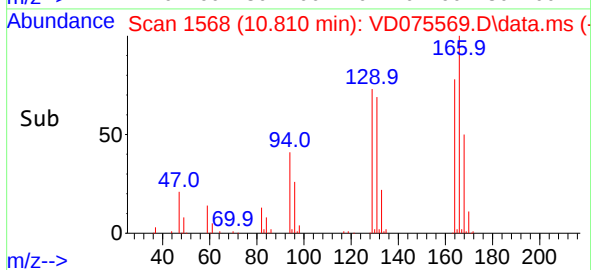
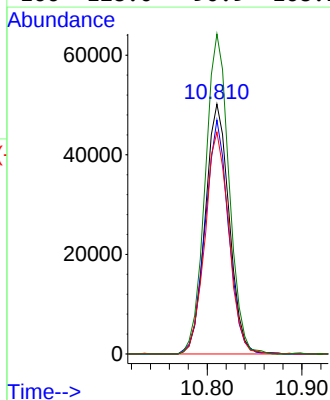
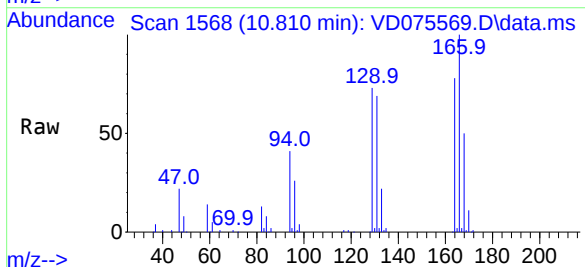


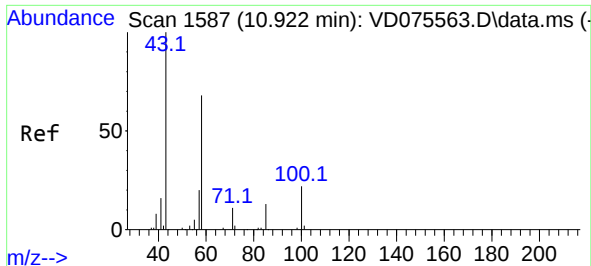
Tgt Ion:	97	Resp:	97597
Ion	Ratio	Lower	Upper
97	100		
99	62.8	46.4	86.2
83	86.3	57.1	106.1
85	52.9	38.1	70.7



#46
Tetrachloroethene
Concen: 19.540 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

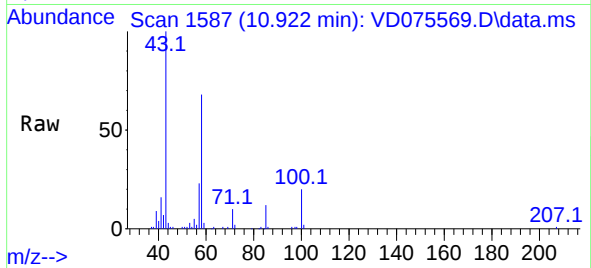
Tgt Ion:	164	Resp:	88050
Ion	Ratio	Lower	Upper
164	100		
129	93.6	64.8	120.3
131	88.7	61.7	114.7
166	128.0	90.9	168.9





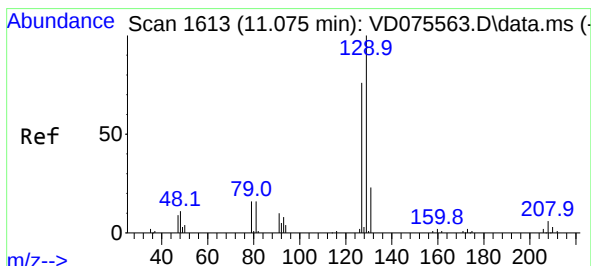
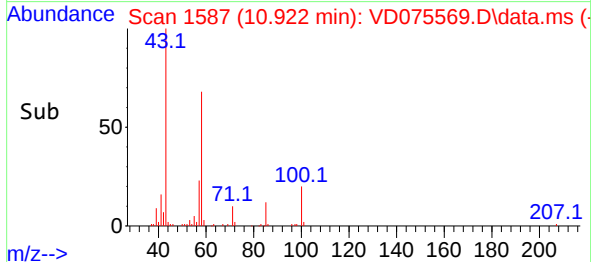
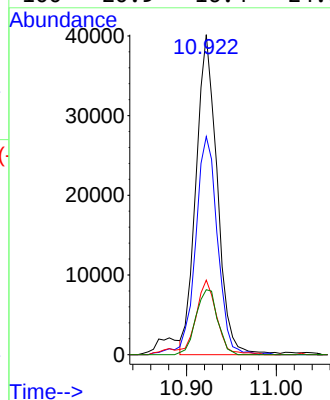
#48
2-Hexanone
Concen: 53.930 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 65822

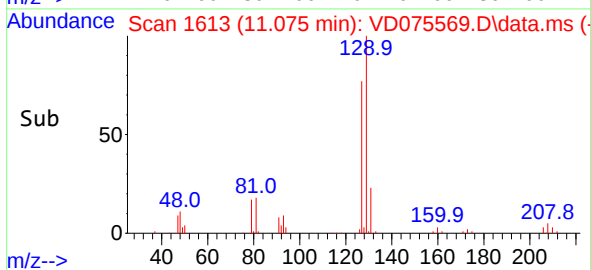
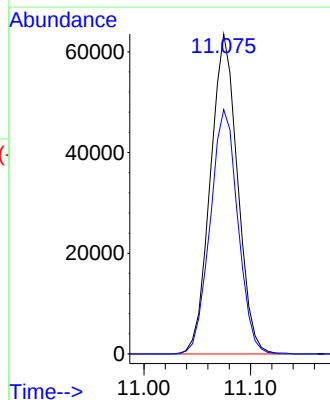
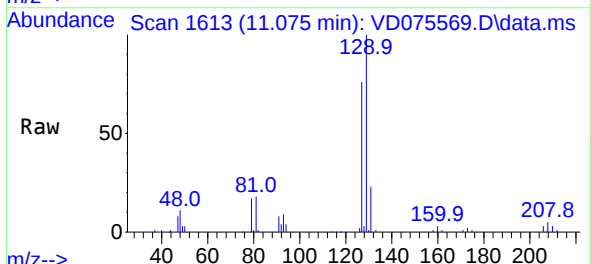
Ion	Ratio	Lower	Upper
43	100		
58	69.7	55.8	83.6
57	22.4	18.6	27.8
100	20.9	16.4	24.6

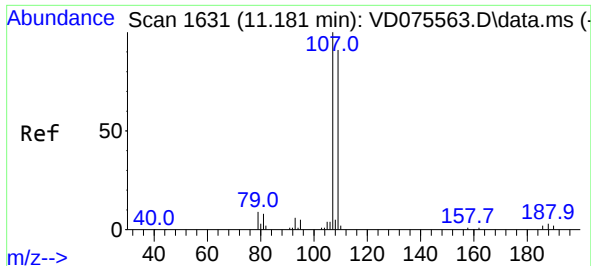


#49
Dibromochloromethane
Concen: 23.437 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion: 129 Resp: 112508

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.5	101.1

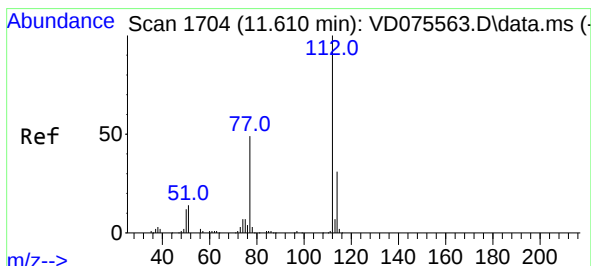
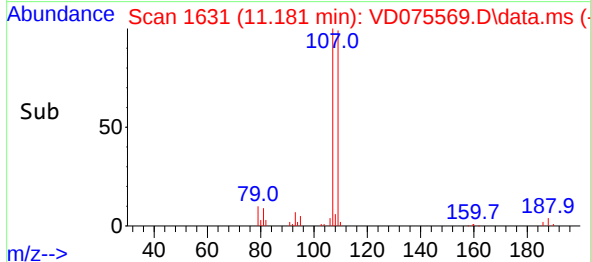
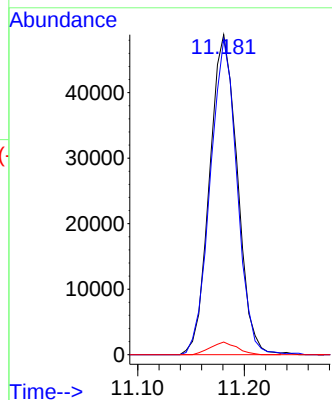
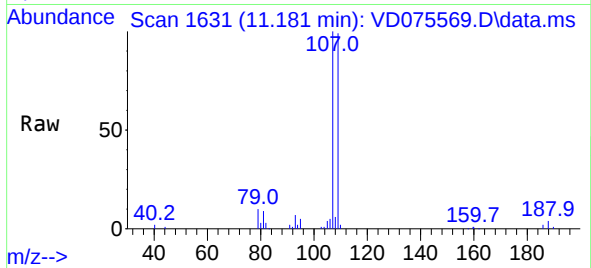




#50
1,2-Dibromoethane
Concen: 22.714 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

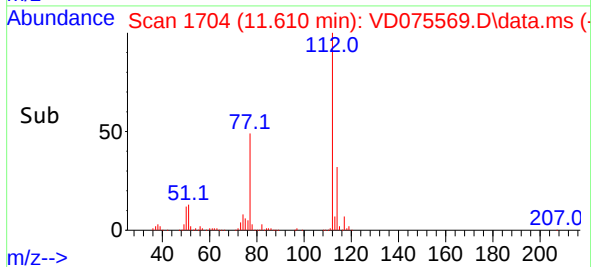
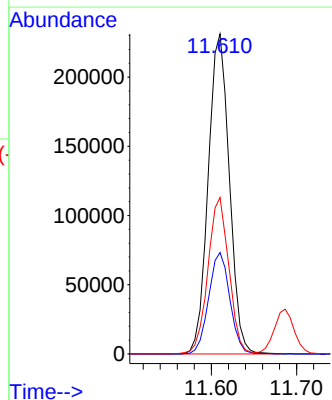
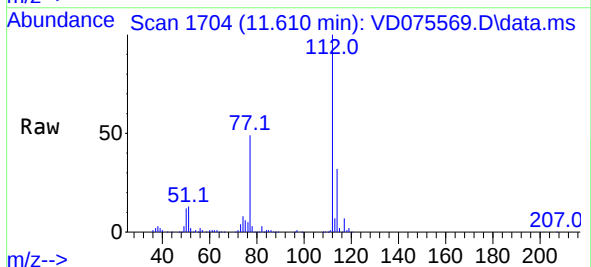
Instrument :
MSVOA_D
ClientSampleId :

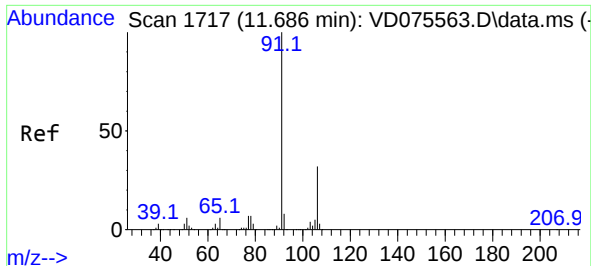
Tgt Ion:107 Resp: 88238
Ion Ratio Lower Upper
107 100
109 98.6 64.8 120.3
188 4.0 3.4 5.0



#51
Chlorobenzene
Concen: 25.908 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

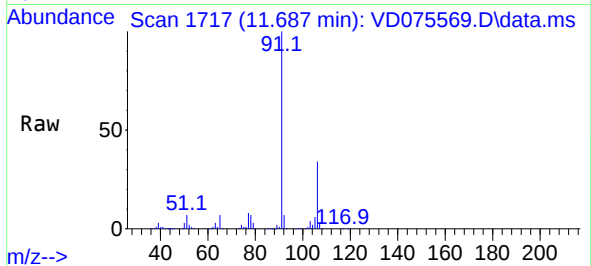
Tgt Ion:112 Resp: 398136
Ion Ratio Lower Upper
112 100
114 31.7 21.1 39.1
77 48.9 37.8 56.6



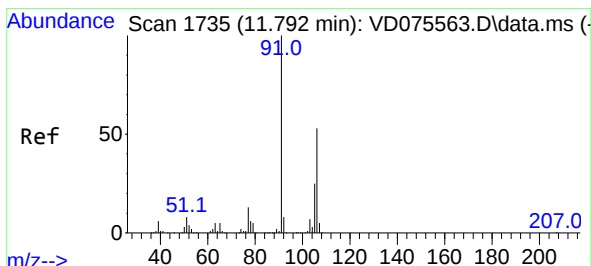
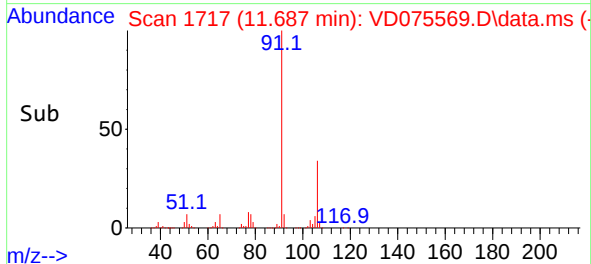
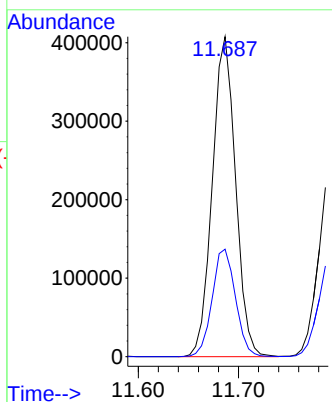


#52
Ethylbenzene
Concen: 27.367 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

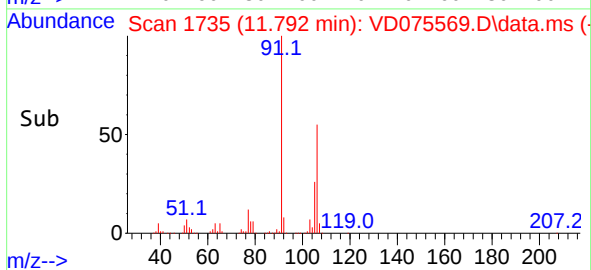
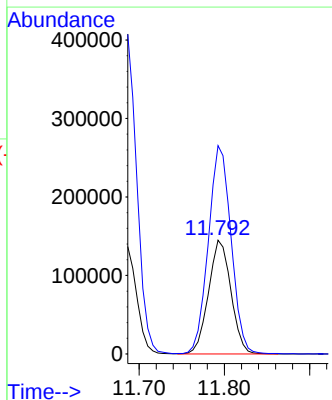
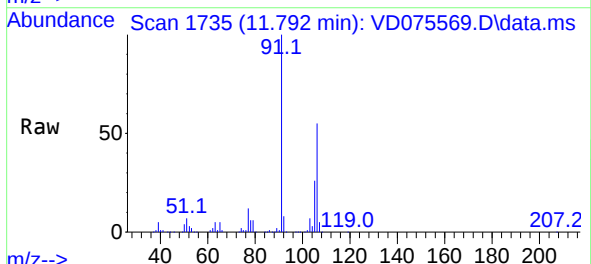


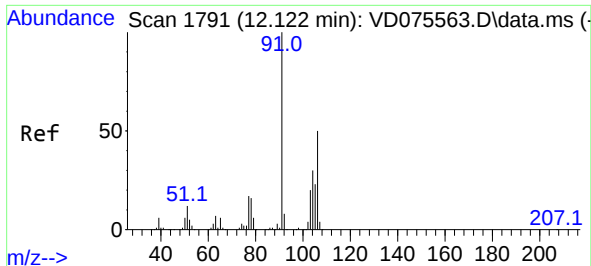
Tgt Ion: 91 Resp: 656648
Ion Ratio Lower Upper
91 100
106 33.6 23.2 43.2



#53
m,p-Xylene
Concen: 28.133 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

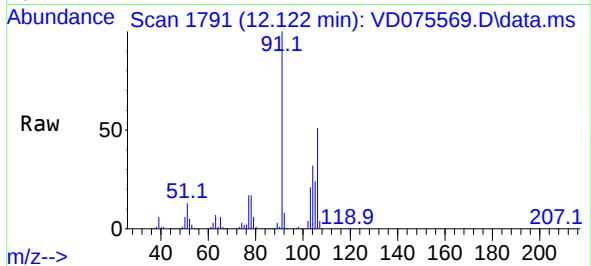
Tgt Ion:106 Resp: 264694
Ion Ratio Lower Upper
106 100
91 183.2 126.7 235.3



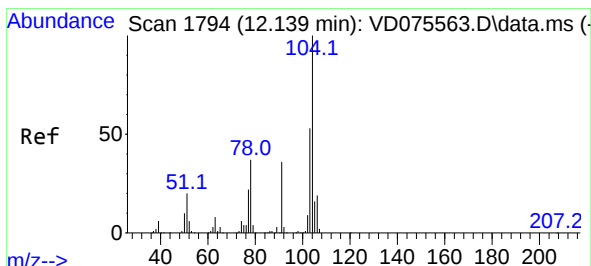
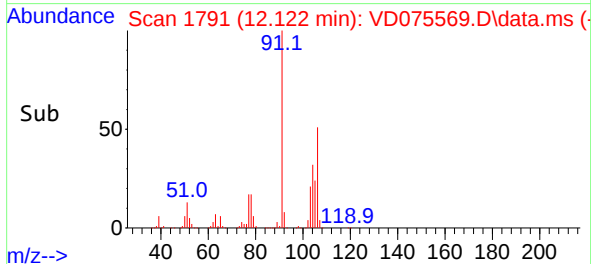
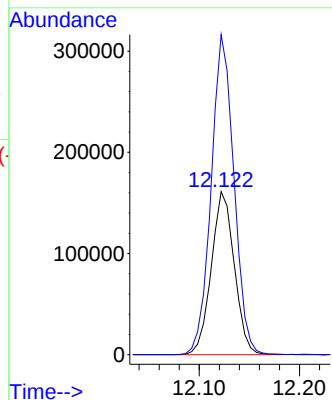


#54
o-Xylene
Concen: 28.696 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

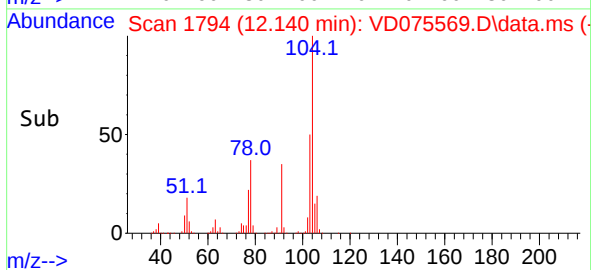
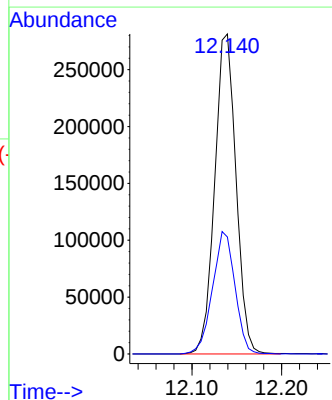
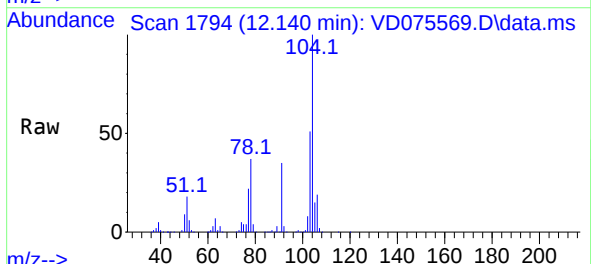


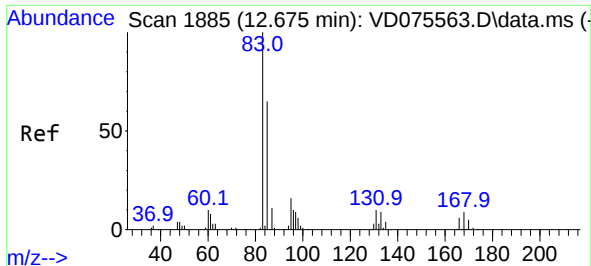
Tgt Ion:106 Resp: 257089
Ion Ratio Lower Upper
106 100
91 196.3 138.3 256.9



#55
Styrene
Concen: 29.094 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion:104 Resp: 464448
Ion Ratio Lower Upper
104 100
78 36.6 25.8 47.8

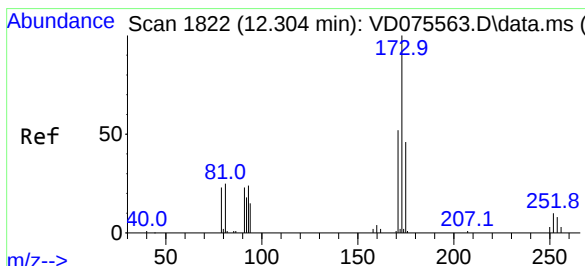
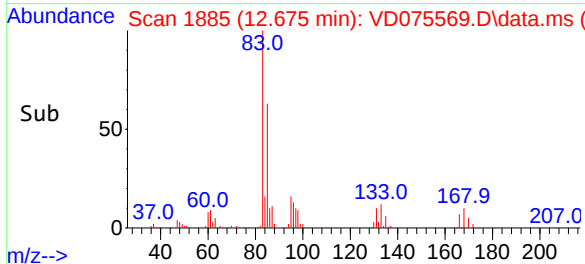
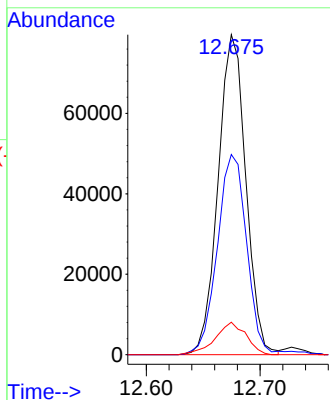
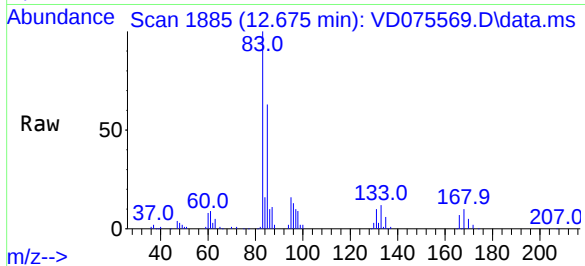




#57
1,1,2,2-Tetrachloroethane
Concen: 29.534 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

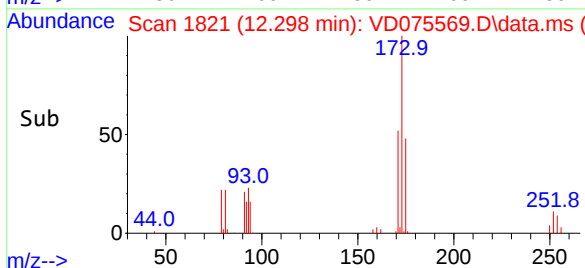
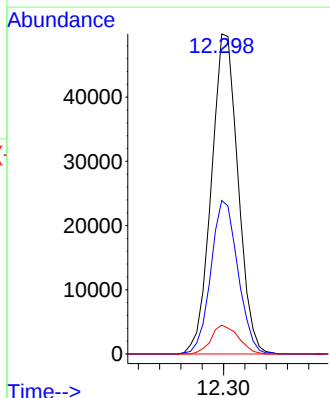
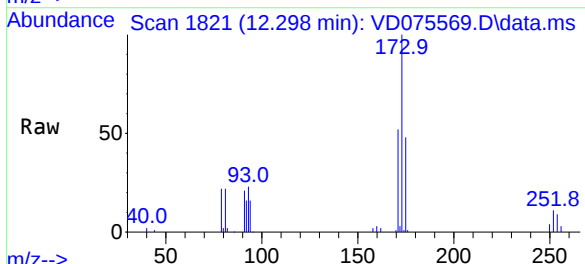
Instrument :
MSVOA_D
ClientSampleId :

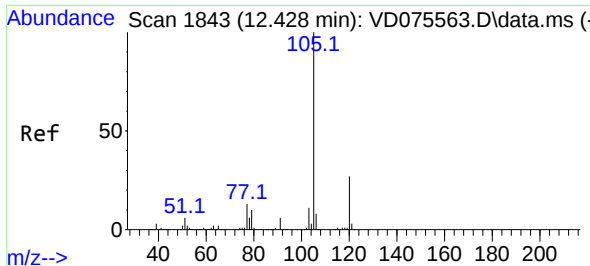
Tgt Ion: 83 Resp: 135142
Ion Ratio Lower Upper
83 100
85 62.6 48.7 90.5
131 10.1 9.3 13.9



#59
Bromoform
Concen: 25.966 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

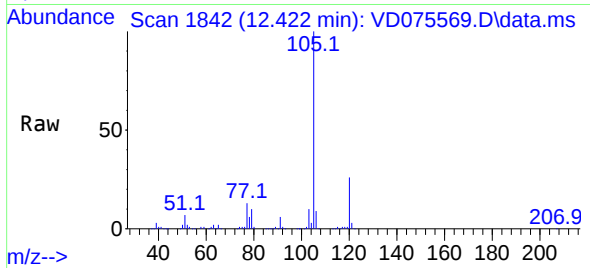
Tgt Ion:173 Resp: 86697
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 9.2 7.7 11.5



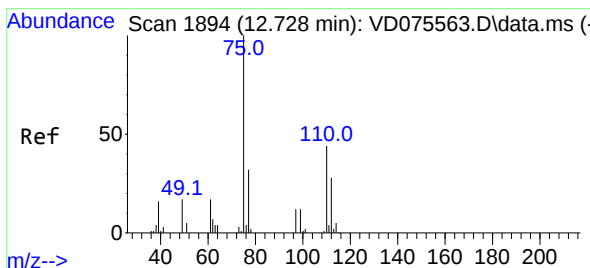
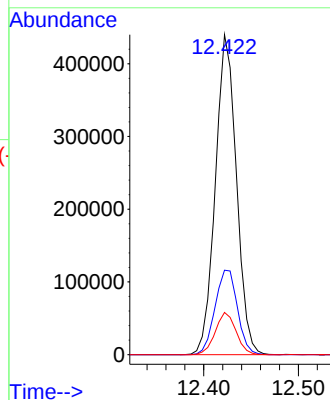
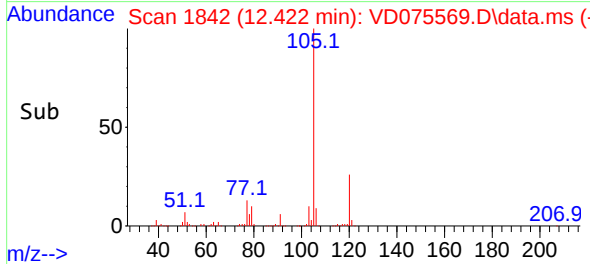


#60
Isopropylbenzene
Concen: 23.861 ug/L
RT: 12.422 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

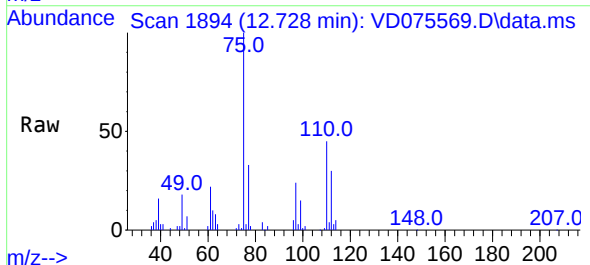
Instrument :
MSVOA_D
ClientSampleId :



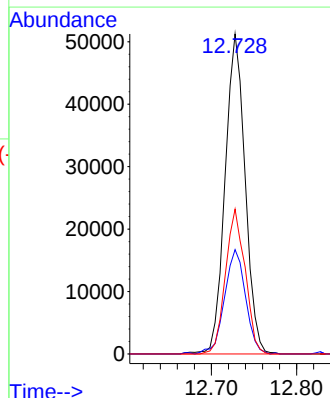
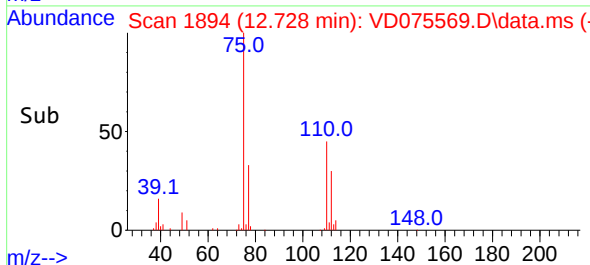
Tgt Ion:105 Resp: 680165
Ion Ratio Lower Upper
105 100
120 28.2 22.5 33.7
77 13.0 10.7 16.1

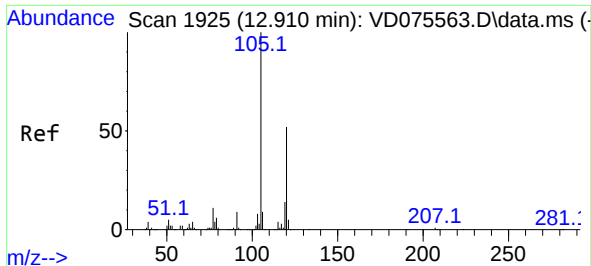


#61
1,2,3-Trichloropropane
Concen: 24.532 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39



Tgt Ion: 75 Resp: 83830
Ion Ratio Lower Upper
75 100
77 34.2 25.7 38.5
110 44.4 35.9 53.9

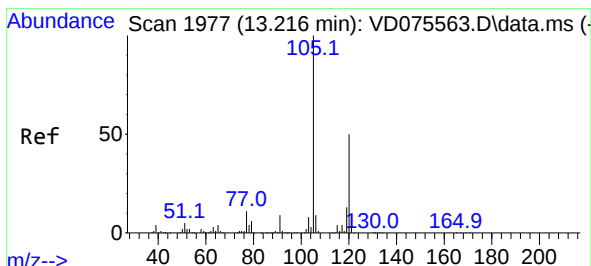
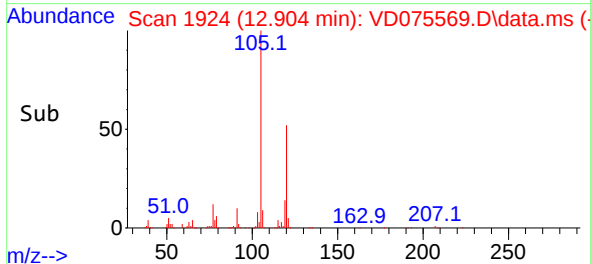
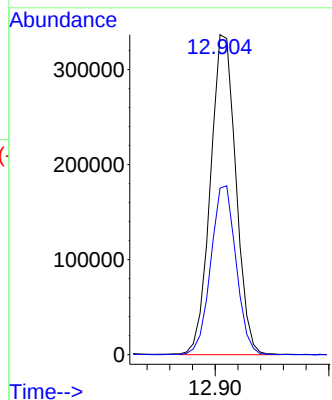
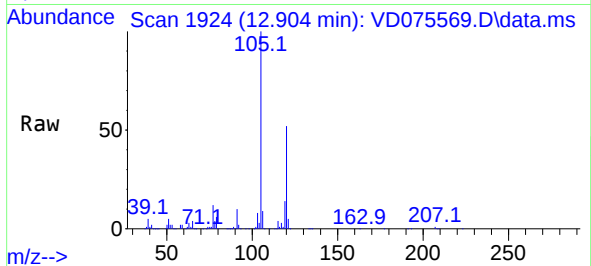




#62
1,3,5-Trimethylbenzene
Concen: 24.380 ug/L
RT: 12.904 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

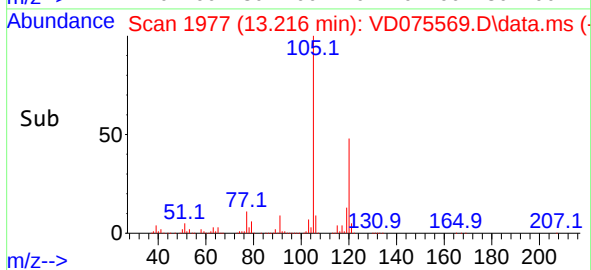
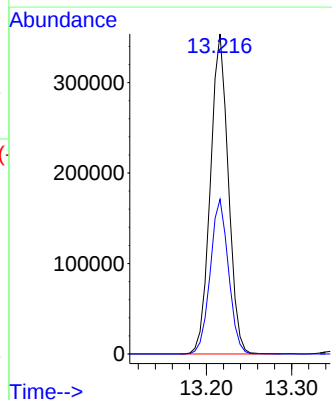
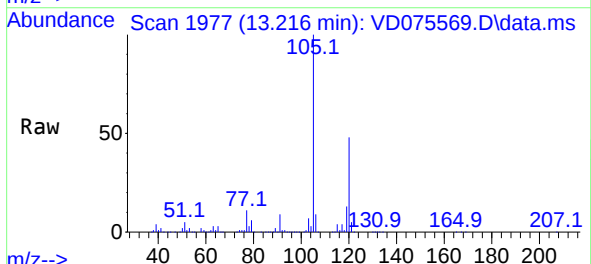
Instrument :
MSVOA_D
ClientSampleId :

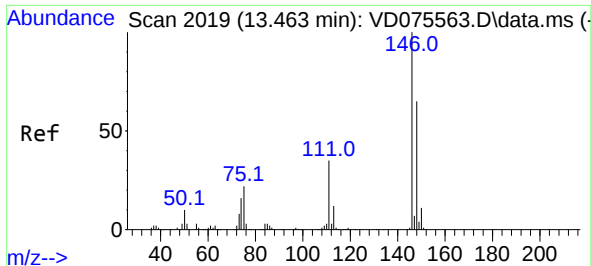
Tgt Ion:105 Resp: 524205
Ion Ratio Lower Upper
105 100
120 52.4 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 25.136 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion:105 Resp: 516822
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.4

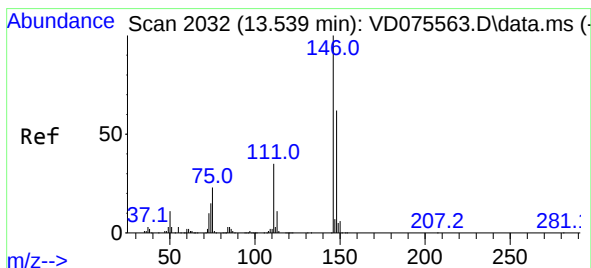
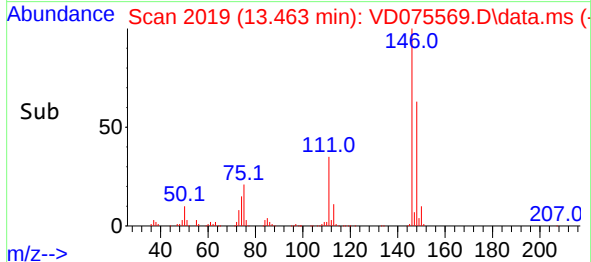
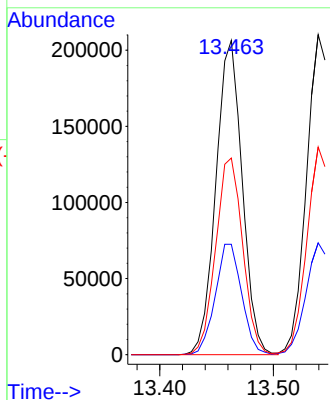
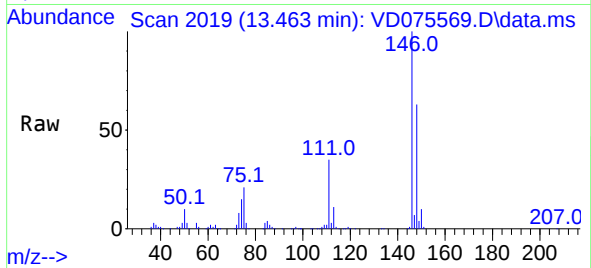




#64
1,3-Dichlorobenzene
Concen: 25.773 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

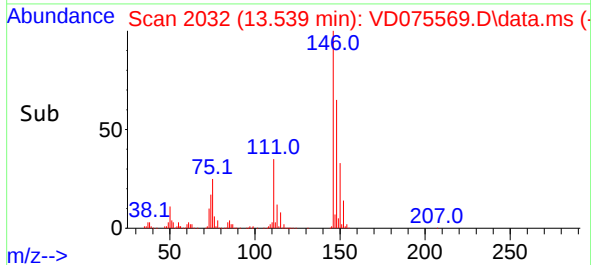
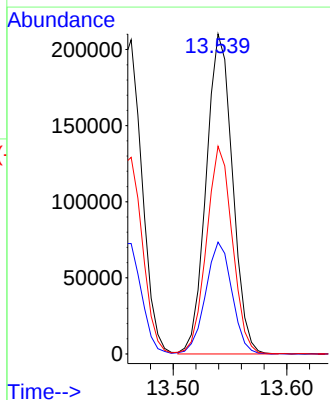
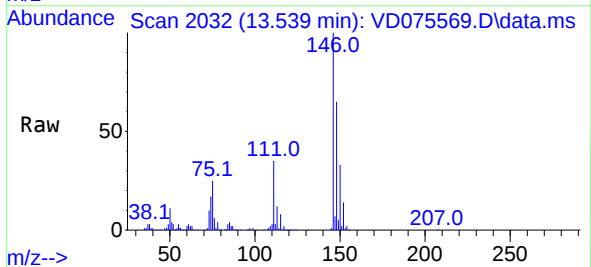
Instrument :
MSVOA_D
ClientSampleId :

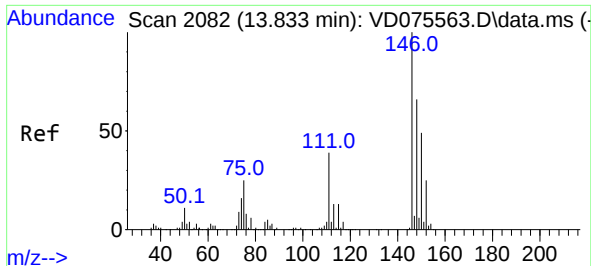
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.1	26.2	48.8
148	62.6	44.6	82.8



#65
1,4-Dichlorobenzene
Concen: 25.164 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	26.0	48.4
148	64.9	44.3	82.3





#67

1,2-Dichlorobenzene

Concen: 25.727 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

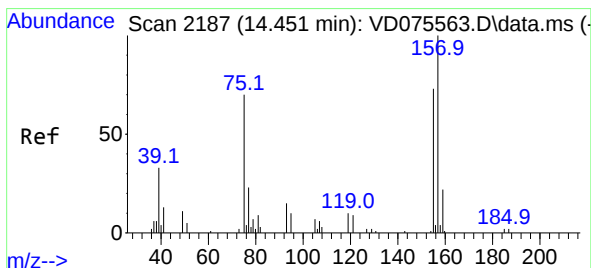
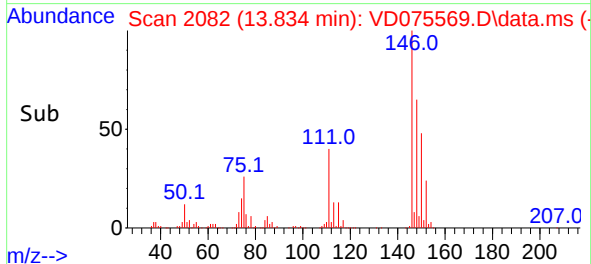
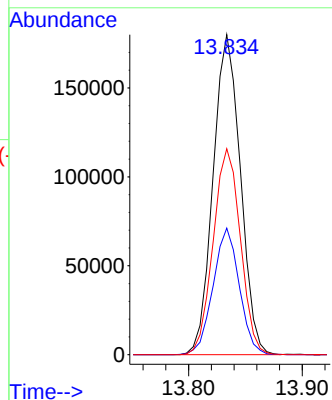
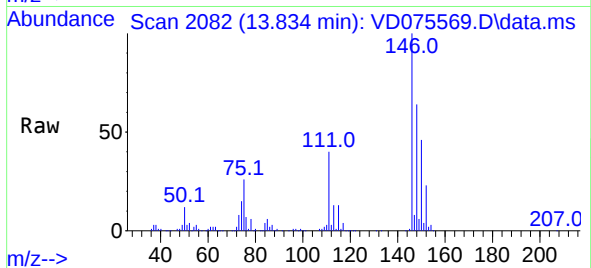
Tgt Ion:146 Resp: 300764

Ion Ratio Lower Upper

146 100

111 39.5 31.3 46.9

148 64.4 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.073 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075569.D

Acq: 04 Apr 2023 12:39

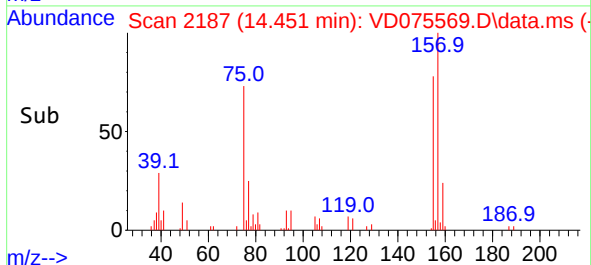
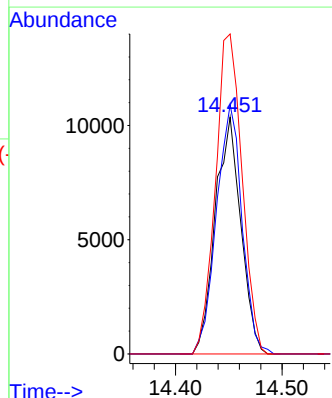
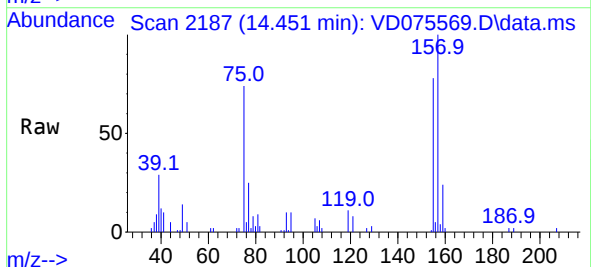
Tgt Ion: 75 Resp: 17254

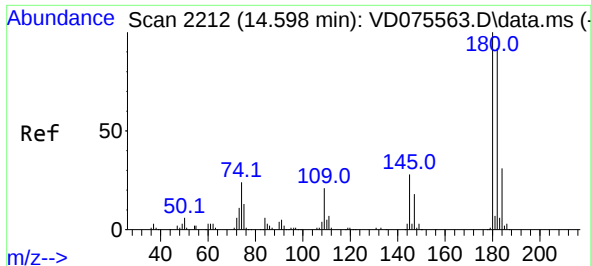
Ion Ratio Lower Upper

75 100

155 105.3 70.6 106.0

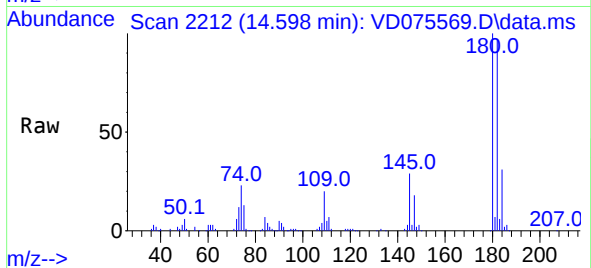
157 135.2 111.3 166.9



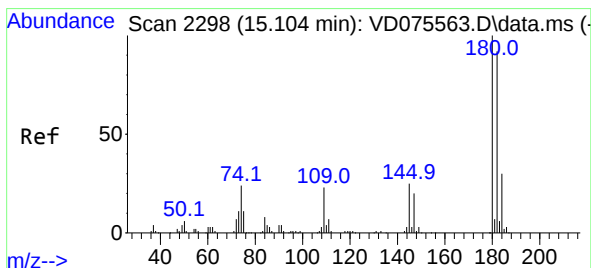
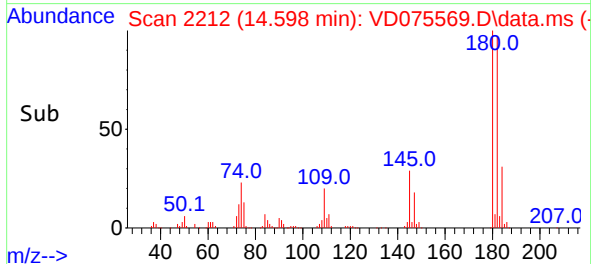
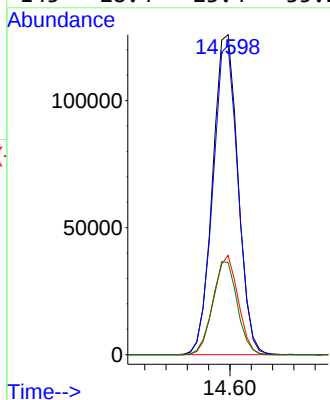


#69
1,3,5-Trichlorobenzene
Concen: 26.123 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :

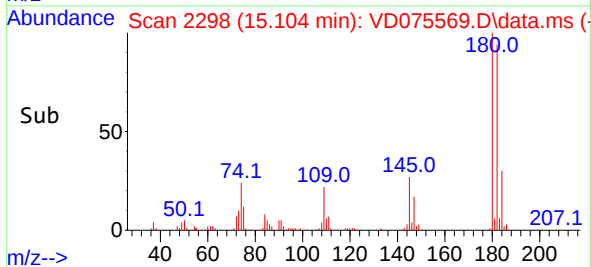
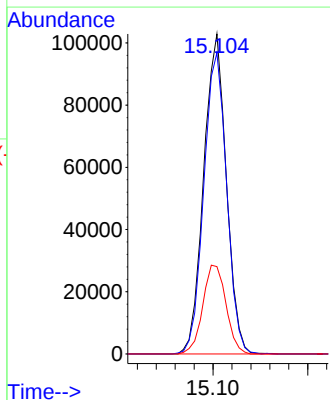
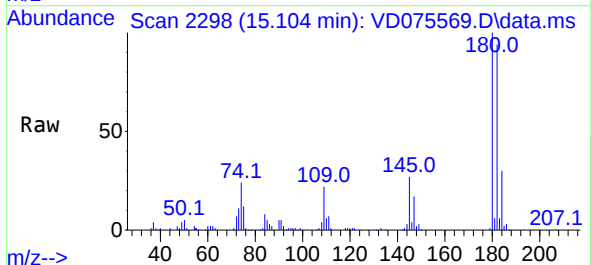


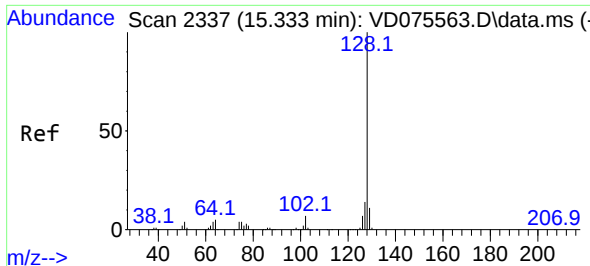
Tgt Ion:180 Resp: 207940
Ion Ratio Lower Upper
180 100
182 96.2 76.9 115.3
184 30.1 24.6 36.8
145 28.4 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 26.520 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

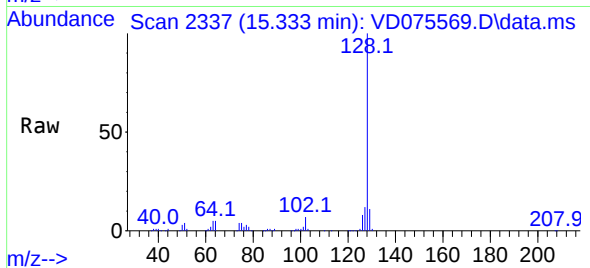
Tgt Ion:180 Resp: 170898
Ion Ratio Lower Upper
180 100
182 95.0 74.2 111.2
145 28.5 22.9 34.3



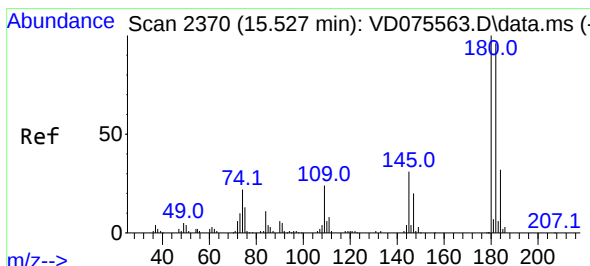
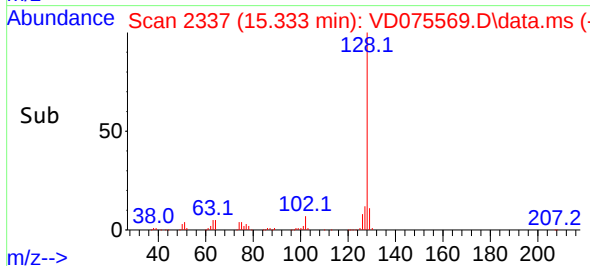
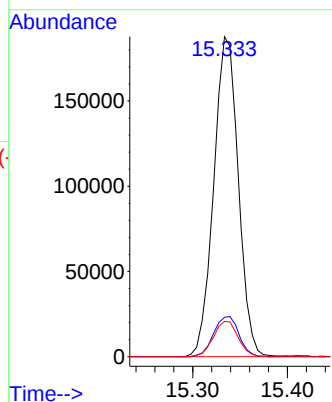


#71
Naphthalene
Concen: 28.449 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 338960
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 27.412 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075569.D
Acq: 04 Apr 2023 12:39

Tgt Ion:180 Resp: 158231
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.0
145 31.0 25.2 37.8

