

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075579.D
 Acq On : 05 Apr 2023 15:25
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025124

Quant Time: Apr 05 23:38:06 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	8.781	114	375879	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	163781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	232275	26.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.160%
7) Chloroethane-d5	2.805	69	214767	27.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.320%
11) 1,1-Dichloroethene-d2	3.922	63	182809	25.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.600%
21) 2-Butanone-d5	6.987	46	34567	60.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.300%
24) Chloroform-d	7.569	84	229354	25.881	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.520%
26) 1,2-Dichloroethane-d4	8.234	65	98892	25.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.720%
32) Benzene-d6	8.205	84	498281	25.397	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	9.210	67	130340	24.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.269	98	471634	25.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.528	79	53744	24.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.875	63	33714	54.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	109232	27.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	136929	24.372	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	69881	19.838	ug/L	98
3) Chloromethane	2.146	50	103907	22.541	ug/L	98
5) Vinyl chloride	2.287	62	159273	22.169	ug/L	100
6) Bromomethane	2.693	94	112030	22.854	ug/L	100
8) Chloroethane	2.840	64	117574	23.491	ug/L	96
9) Trichlorofluoromethane	3.175	101	138479	22.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	101116	23.301	ug/L	98
12) 1,1-Dichloroethene	3.946	96	82318	22.962	ug/L	91
13) Acetone	4.028	43	33830	56.599	ug/L	97
14) Carbon disulfide	4.269	76	178700	20.835	ug/L	100
15) Methyl Acetate	4.564	43	27364	27.319	ug/L	100
16) Methylene chloride	4.805	84	105655	20.449	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	88957	23.374	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	197603	27.307	ug/L #	88
19) 1,1-Dichloroethane	6.111	63	160699	24.632	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	112945	25.273	ug/L	99
22) 2-Butanone	7.081	43	42056	59.069	ug/L	96
23) Bromochloromethane	7.428	128	53566	25.421	ug/L	97
25) Chloroform	7.599	83	194490	24.889	ug/L	98

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 Response via : Initial Calibration

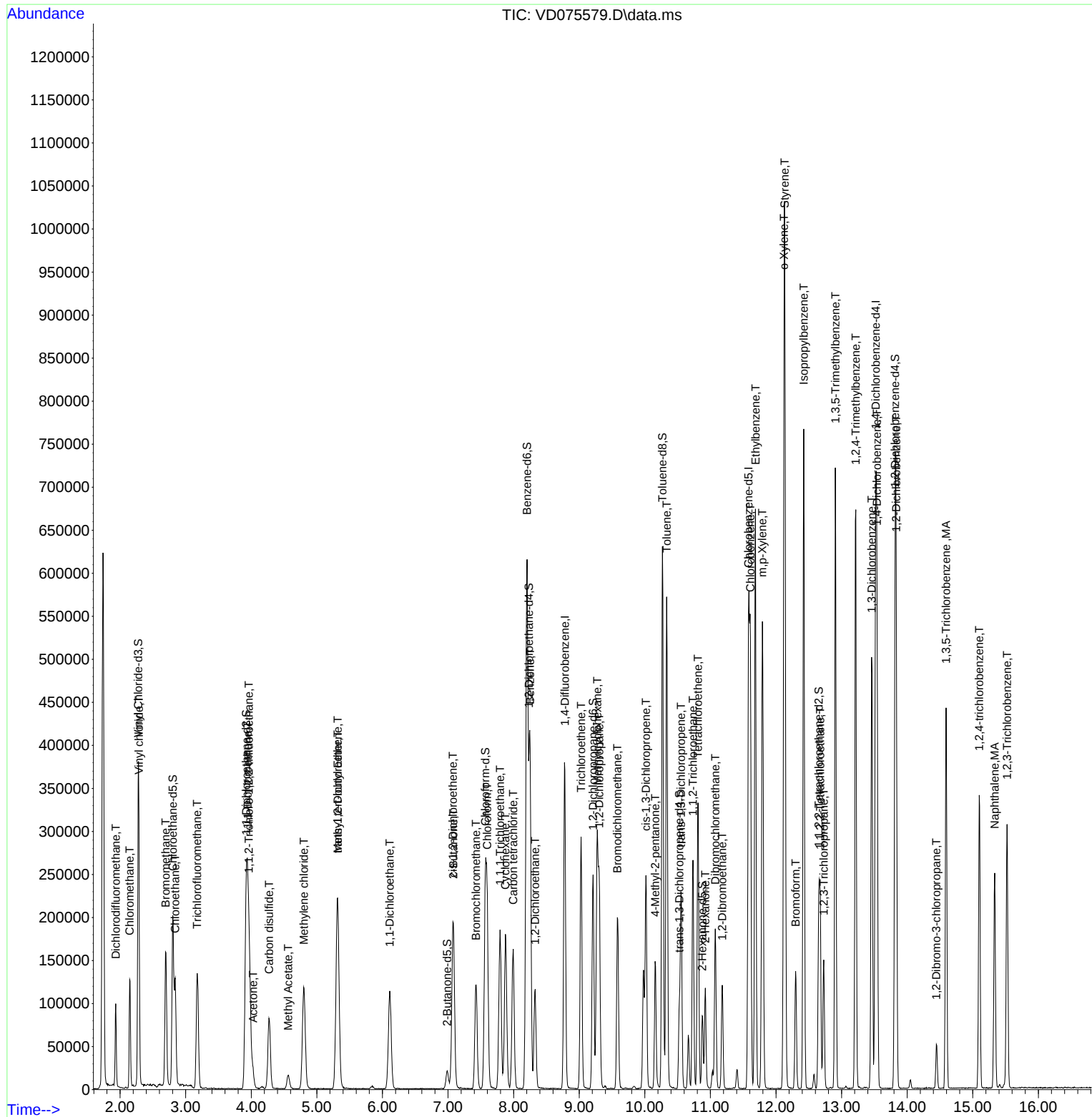
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	100483	24.878	ug/L	99
29) Cyclohexane	7.875	56	91232	22.277	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	153694	23.248	ug/L	99
31) Carbon tetrachloride	7.993	117	122943	23.037	ug/L	99
33) Benzene	8.252	78	400846	23.212	ug/L	100
34) Trichloroethene	9.028	95	103735	21.442	ug/L	99
35) Methylcyclohexane	9.275	83	136635	21.592	ug/L	99
37) 1,2-Dichloropropane	9.305	63	98317	24.200	ug/L	98
38) Bromodichloromethane	9.581	83	146400	25.301	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	162154	25.173	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	84733	55.643	ug/L	99
42) Toluene	10.334	91	457352	23.837	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	136115	24.853	ug/L	93
45) 1,1,2-Trichloroethane	10.734	97	94303	25.294	ug/L	98
46) Tetrachloroethene	10.810	164	80251	21.180	ug/L	97
48) 2-Hexanone	10.922	43	66163	64.469	ug/L	96
49) Dibromochloromethane	11.075	129	104359	25.854	ug/L	99
50) 1,2-Dibromoethane	11.181	107	82335	25.205	ug/L	97
51) Chlorobenzene	11.610	112	310930	24.063	ug/L	96
52) Ethylbenzene	11.687	91	491318	24.352	ug/L	99
53) m,p-Xylene	11.793	106	193540	24.463	ug/L	96
54) o-Xylene	12.122	106	191726	25.450	ug/L	96
55) Styrene	12.134	104	353349	26.323	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	103891	27.001	ug/L #	92
59) Bromoform	12.298	173	62612	24.719	ug/L	98
60) Isopropylbenzene	12.422	105	507108	23.450	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	61908	23.881	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	379595	23.272	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	377610	24.209	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	234437	23.942	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	243643	23.855	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	215395	24.287	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12771	24.464	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	142740	23.638	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	116173	23.764	ug/L	97
71) Naphthalene	15.334	128	230617	25.515	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	106541	24.330	ug/L	99

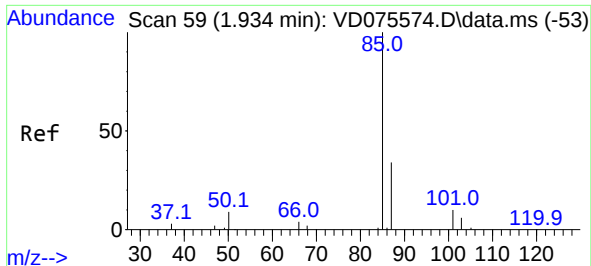
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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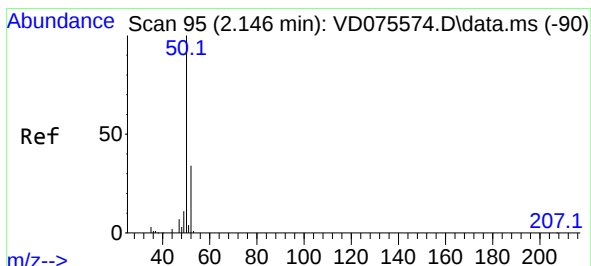
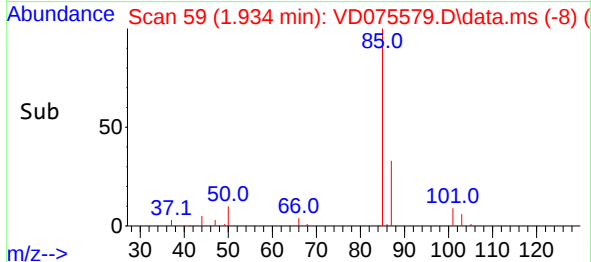
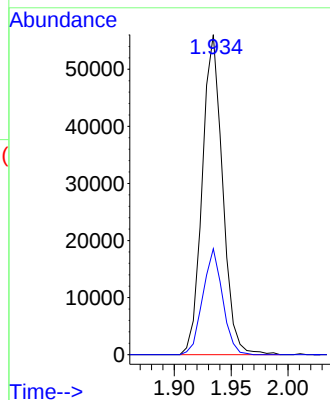
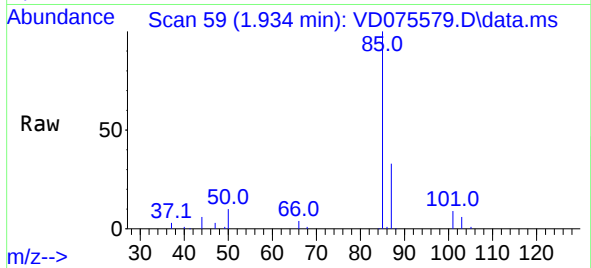




#2
 Dichlorodifluoromethane
 Concen: 19.838 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

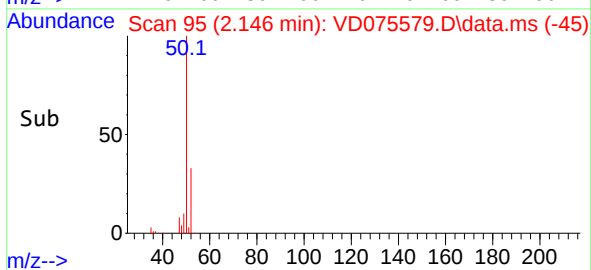
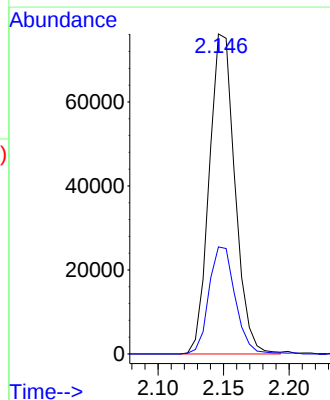
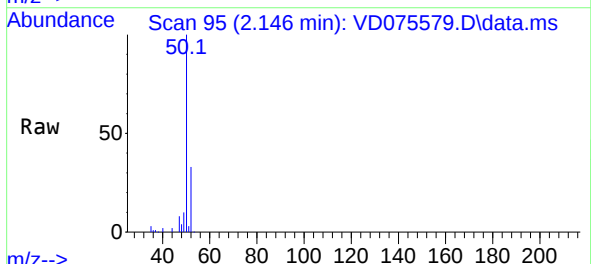
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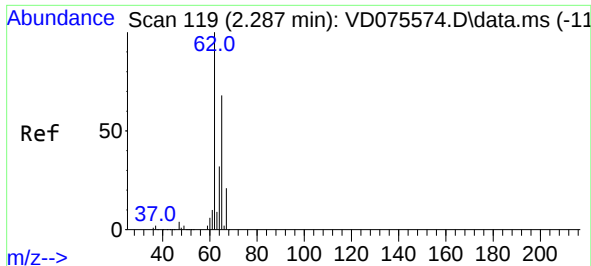
Tgt Ion: 85 Resp: 69881
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 22.541 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

Tgt Ion: 50 Resp: 103907
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1

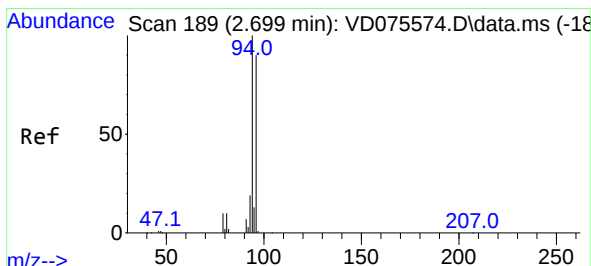
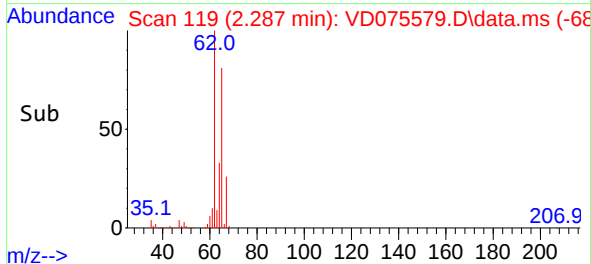
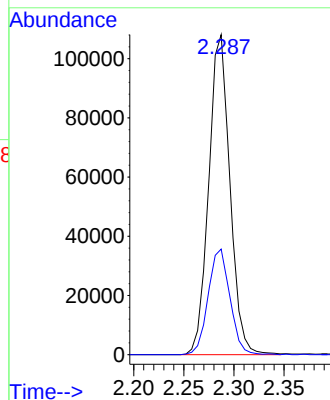
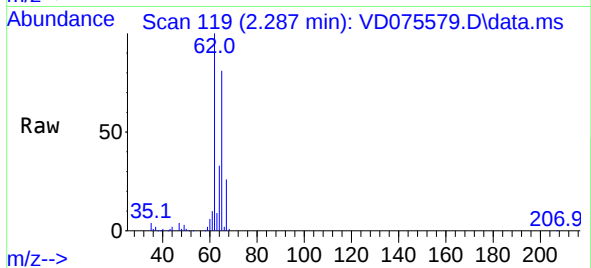




#5
 Vinyl chloride
 Concen: 22.169 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

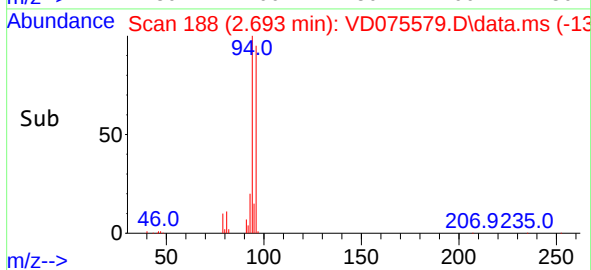
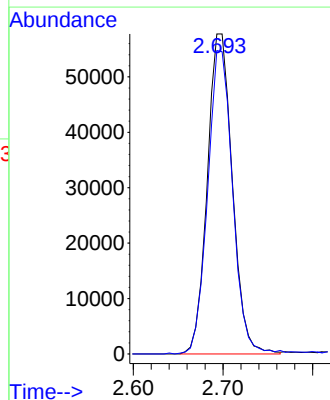
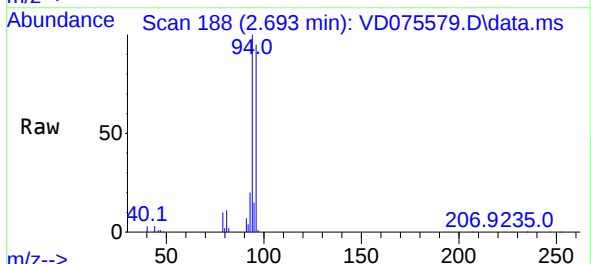
Instrument :
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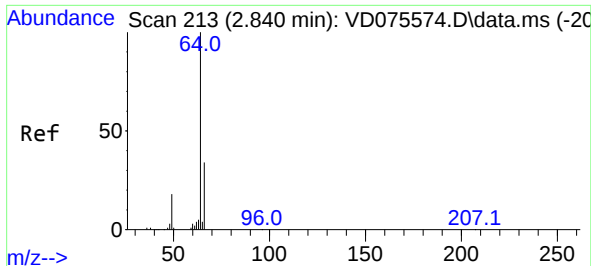
Tgt Ion: 62 Resp: 159273
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 22.854 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.005 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

Tgt Ion: 94 Resp: 112030
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.1 122.7

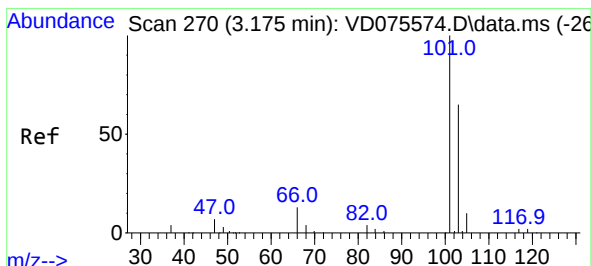
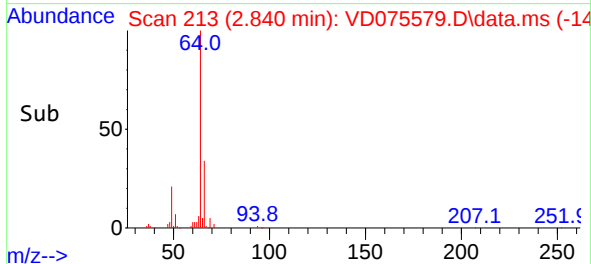
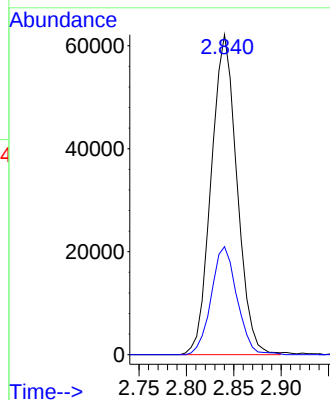
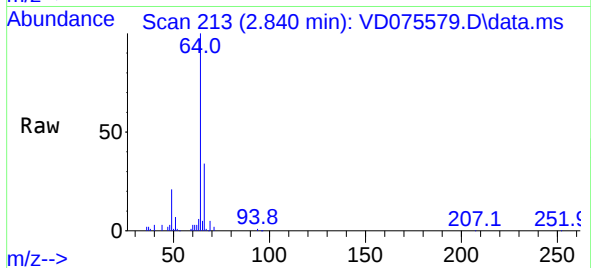




#8
Chloroethane
Concen: 23.491 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

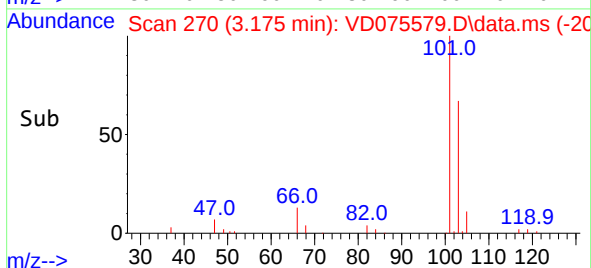
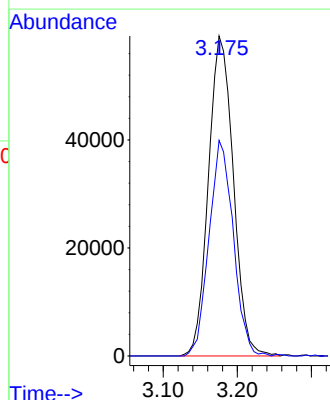
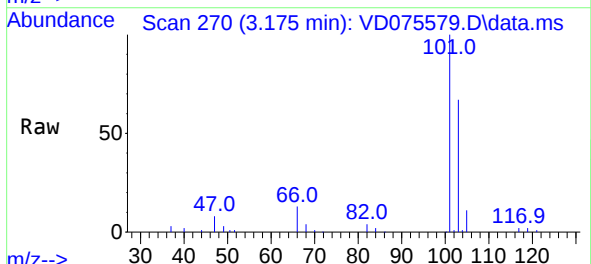
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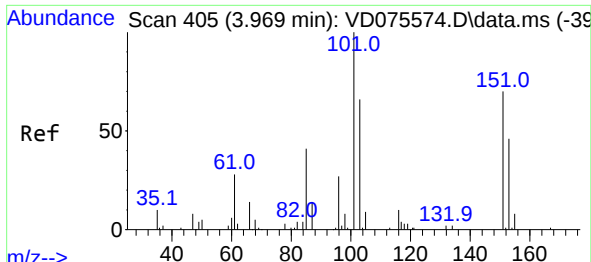
Tgt Ion: 64 Resp: 117574
Ion Ratio Lower Upper
64 100
66 33.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.168 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:101 Resp: 138479
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

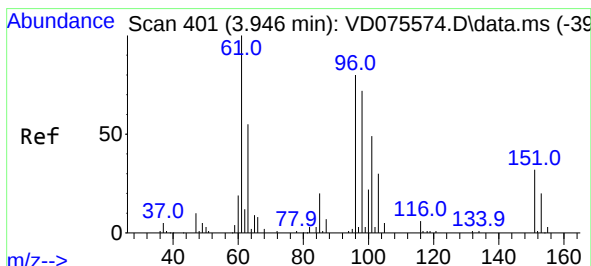
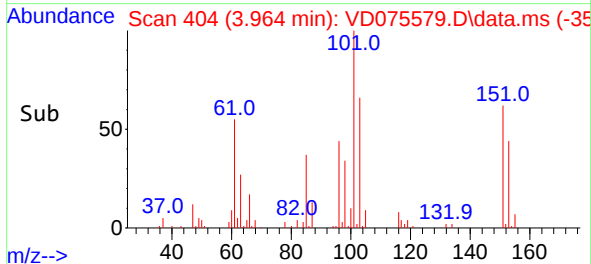
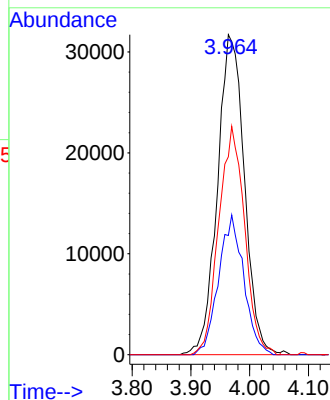
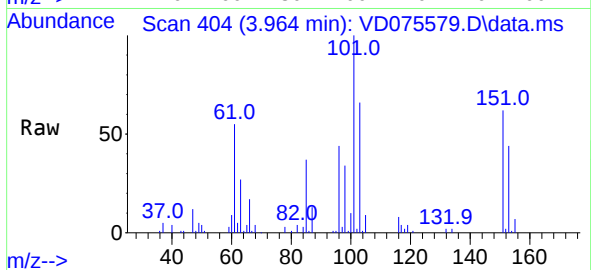




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.301 ug/L
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

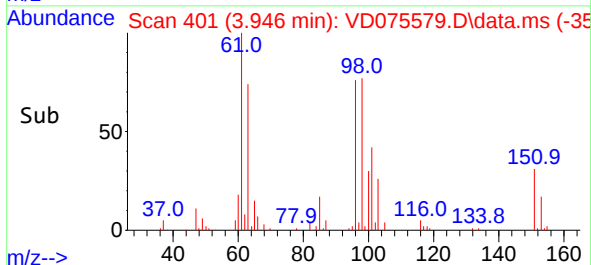
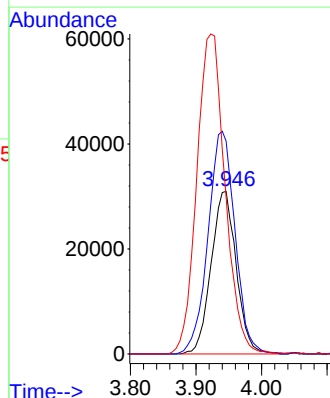
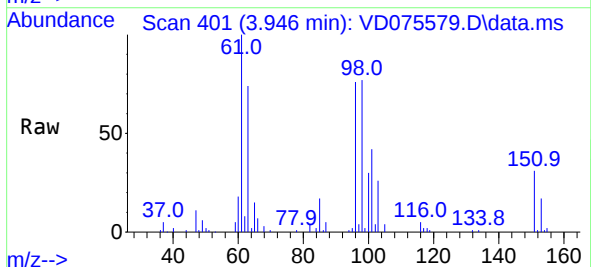
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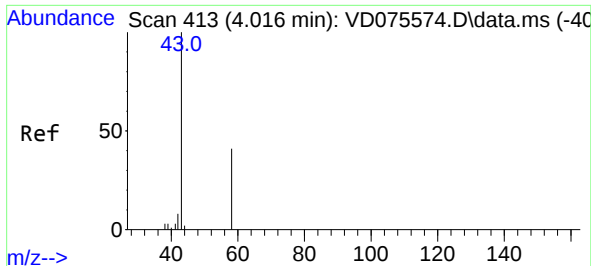
Tgt Ion:101 Resp: 101116
Ion Ratio Lower Upper
101 100
85 40.8 33.4 50.0
151 68.4 55.8 83.8



#12
1,1-Dichloroethene
Concen: 22.962 ug/L
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 96 Resp: 82318
Ion Ratio Lower Upper
96 100
61 130.8 96.7 179.7
63 96.4 76.0 141.2





#13

Acetone

Concen: 56.599 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD075579.D

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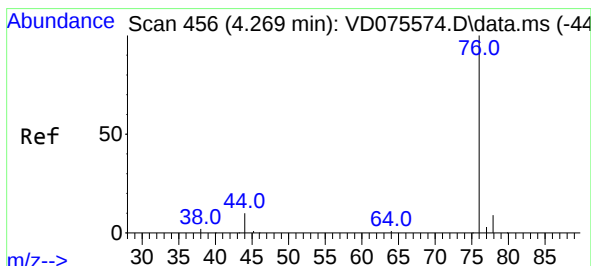
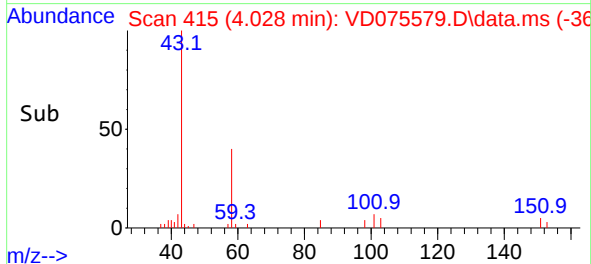
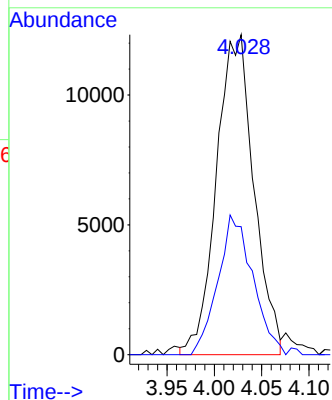
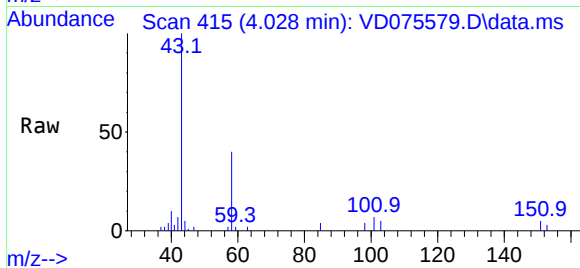
VSTD025124

Tgt Ion: 43 Resp: 33830

Ion Ratio Lower Upper

43 100

58 40.7 0.0 77.4



#14

Carbon disulfide

Concen: 20.835 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.005 min

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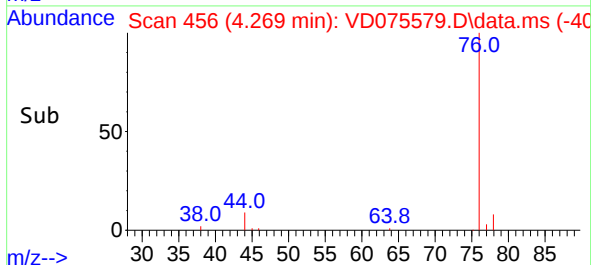
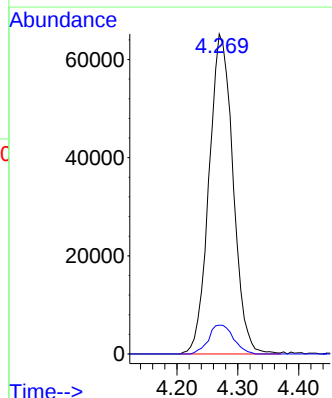
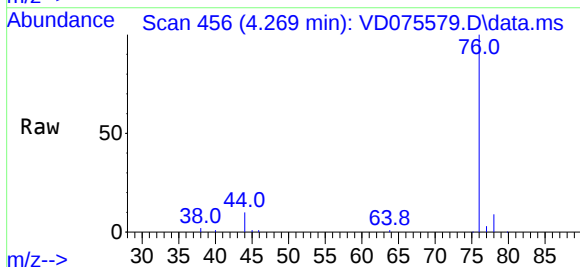
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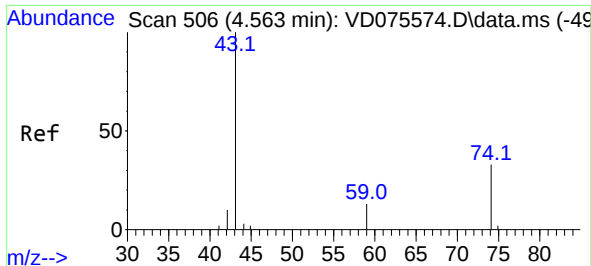
Tgt Ion: 76 Resp: 178700

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

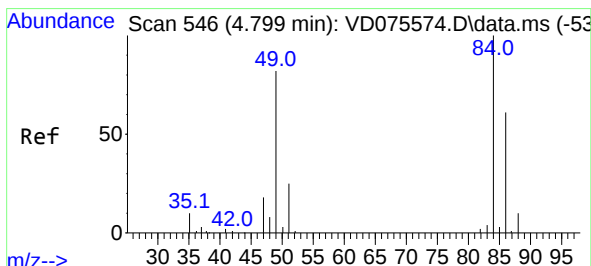
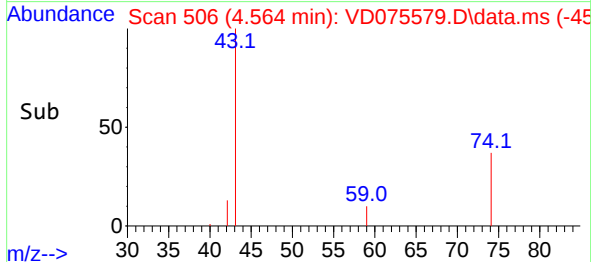
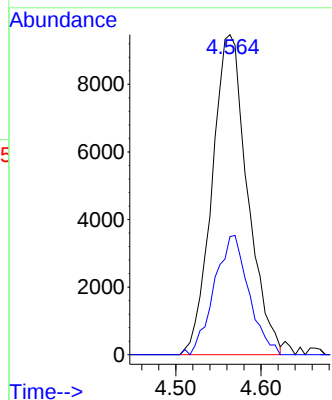
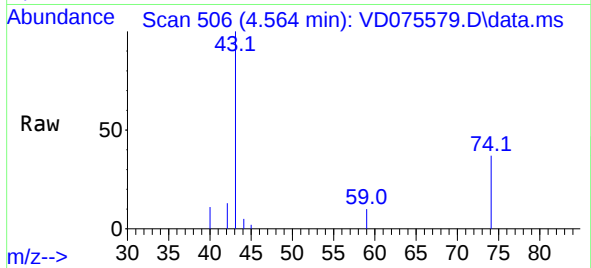




#15
Methyl Acetate
Concen: 27.319 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

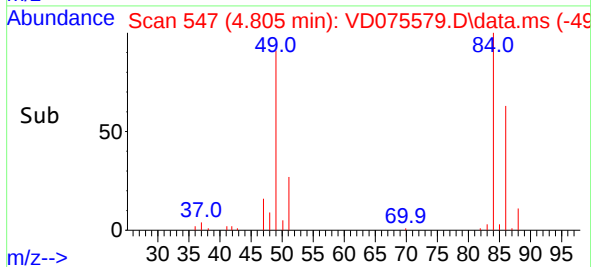
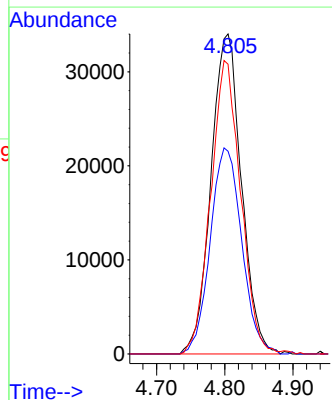
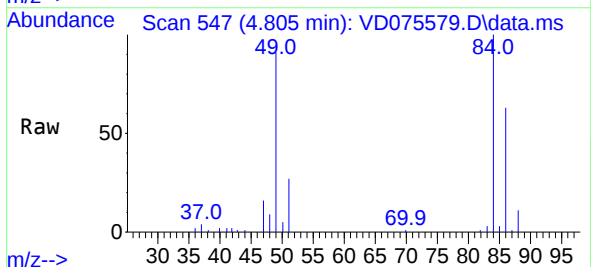
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

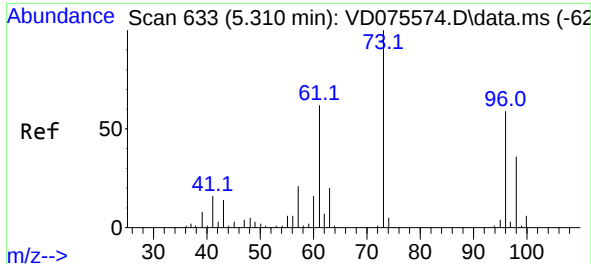
Tgt Ion: 43 Resp: 27364
Ion Ratio Lower Upper
43 100
74 36.1 29.0 43.4



#16
Methylene chloride
Concen: 20.449 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 84 Resp: 105655
Ion Ratio Lower Upper
84 100
86 63.4 44.4 82.4
49 90.6 58.5 108.7

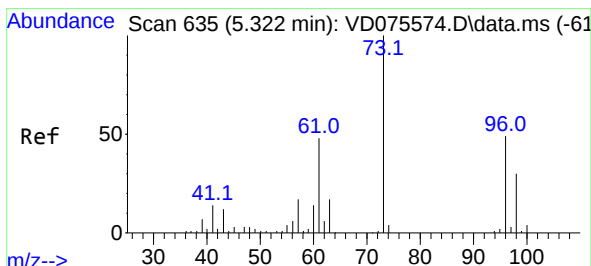
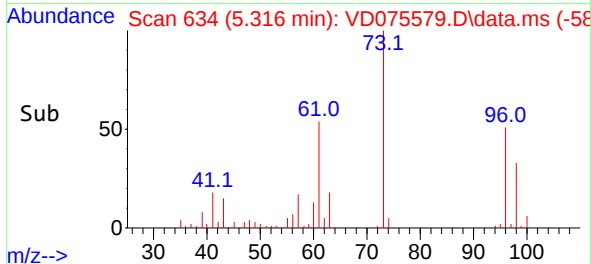
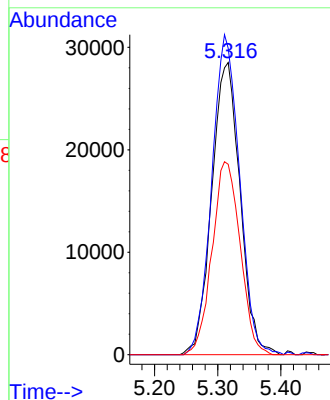
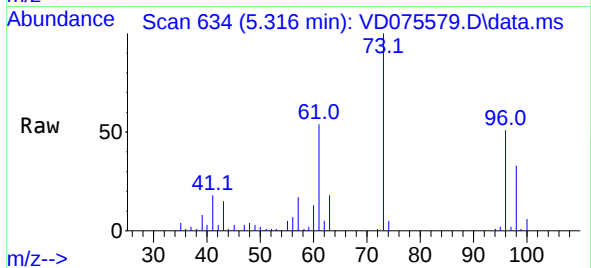




#17
trans-1,2-Dichloroethene
Concen: 23.374 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

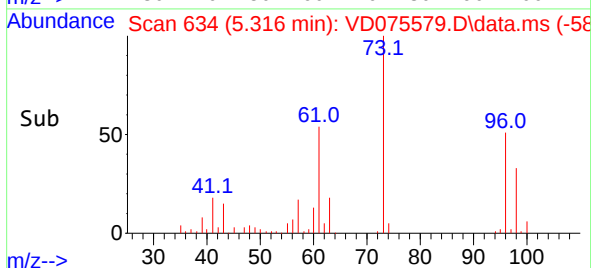
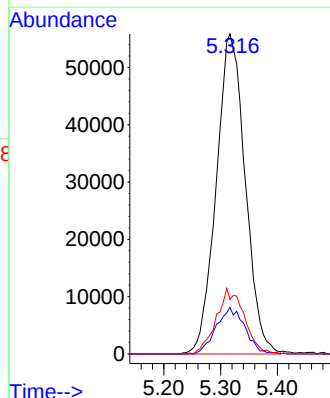
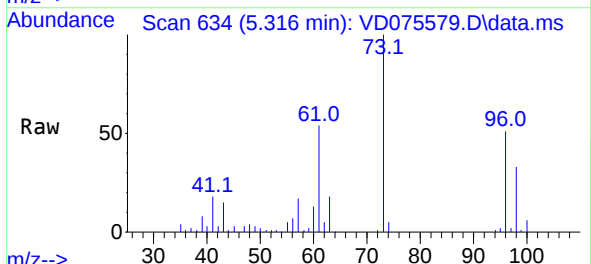
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

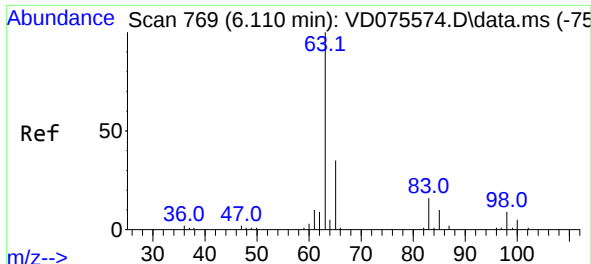
Tgt Ion: 96 Resp: 88957
Ion Ratio Lower Upper
96 100
61 104.9 75.4 140.0
98 65.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 27.307 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 73 Resp: 197603
Ion Ratio Lower Upper
73 100
43 14.4 11.4 17.0
57 10.3 15.8 23.6#

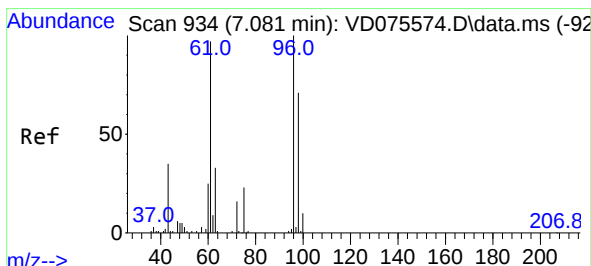
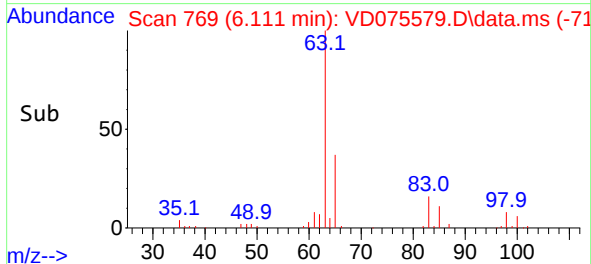
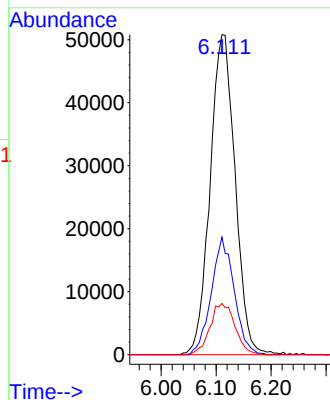
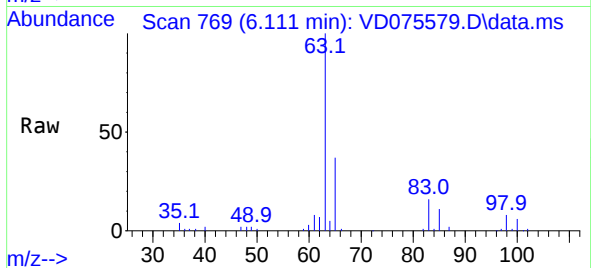




#19
1,1-Dichloroethane
Concen: 24.632 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

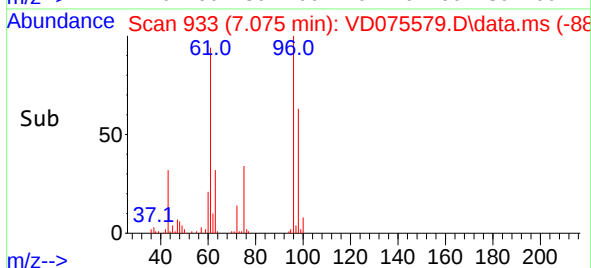
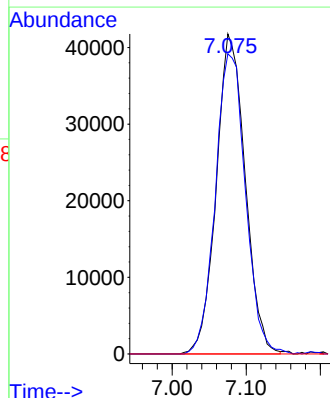
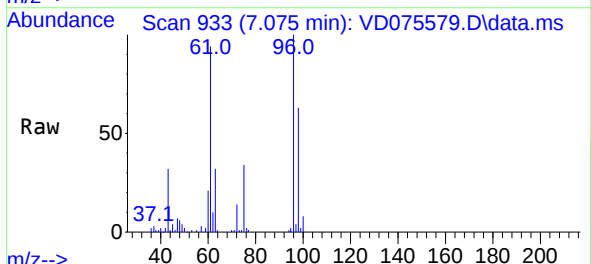
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

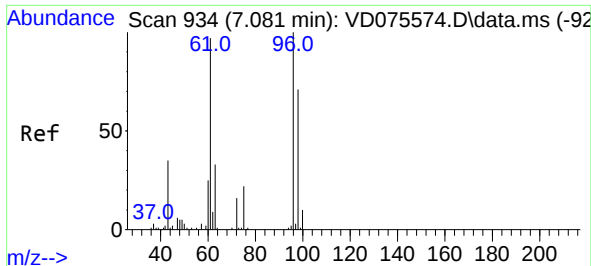
Tgt Ion: 63 Resp: 160699
Ion Ratio Lower Upper
63 100
65 36.7 23.1 42.9
83 16.0 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 25.273 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.011 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 96 Resp: 112945
Ion Ratio Lower Upper
96 100
61 93.8 64.8 120.4
68 0.0 0.0 0.0

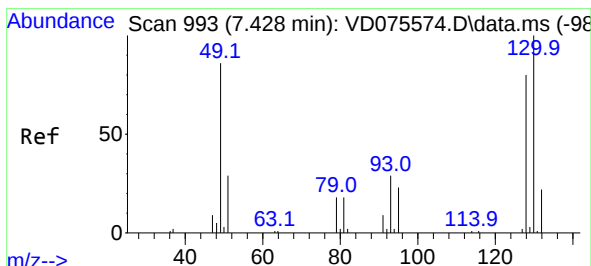
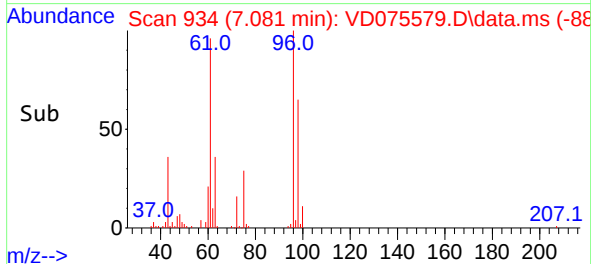
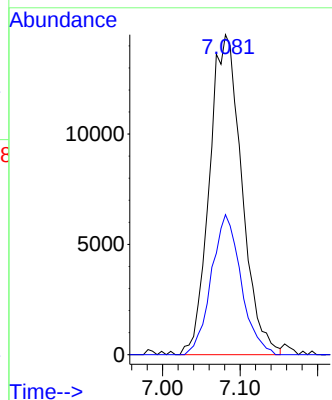
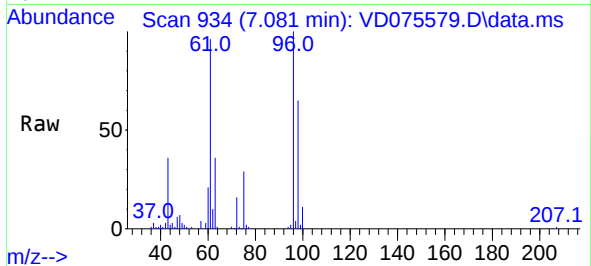




#22
2-Butanone
Concen: 59.069 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

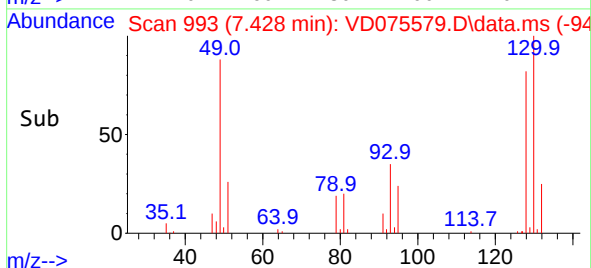
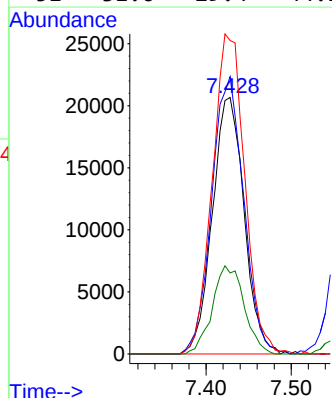
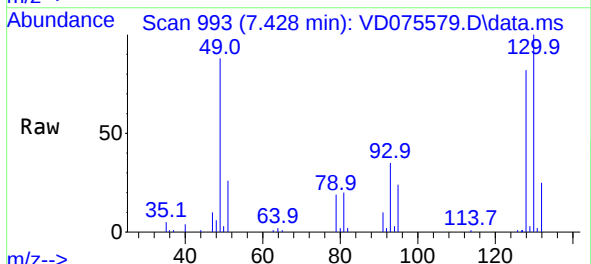
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

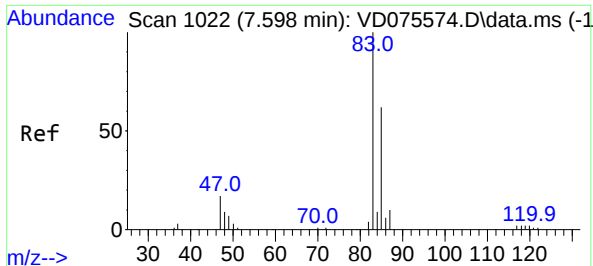
Tgt Ion: 43 Resp: 42056
Ion Ratio Lower Upper
43 100
72 40.2 21.3 63.9



#23
Bromochloromethane
Concen: 25.421 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 128 Resp: 53566
Ion Ratio Lower Upper
128 100
49 108.1 75.0 139.4
130 122.2 87.4 162.2
51 31.6 29.4 44.2





#25

Chloroform

Concen: 24.889 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075579.D

Acq: 05 Apr 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

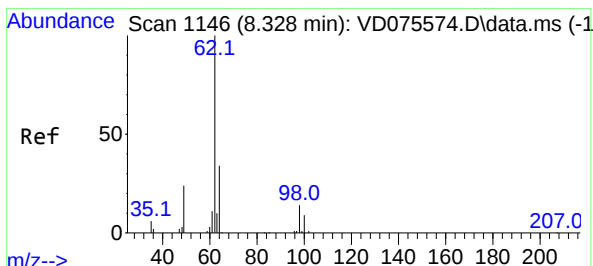
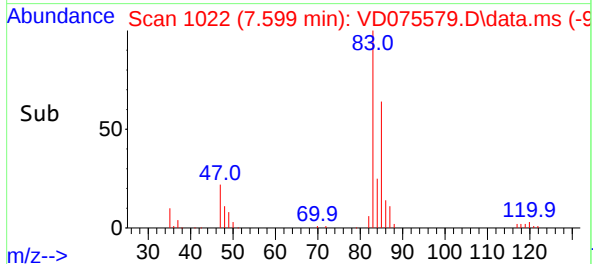
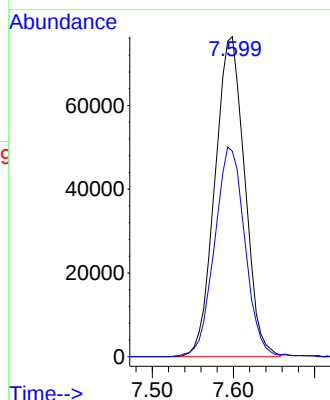
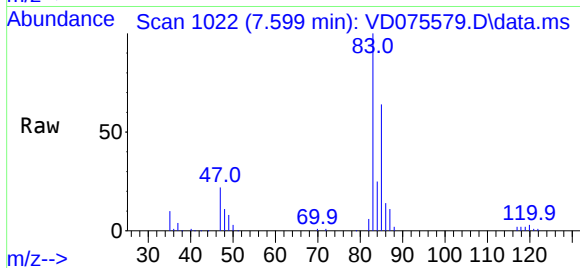
VSTD025124

Tgt Ion: 83 Resp: 194490

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 24.878 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075579.D

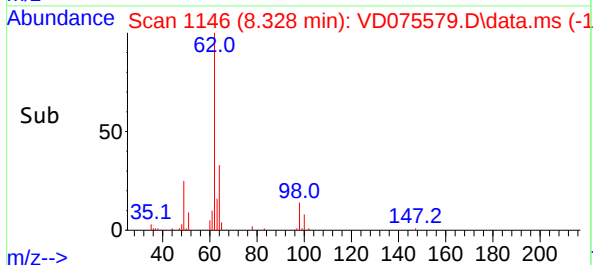
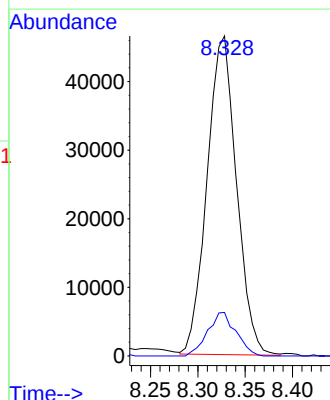
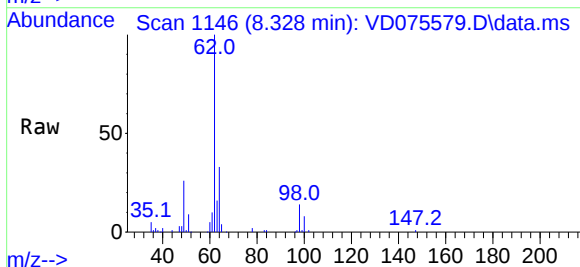
Acq: 05 Apr 2023 15:25

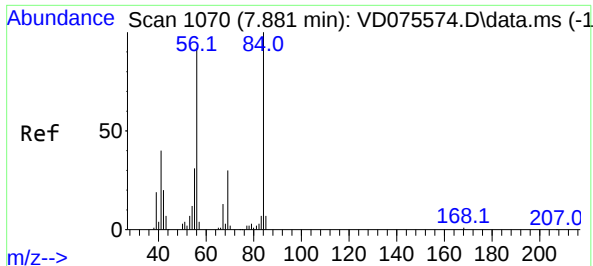
Tgt Ion: 62 Resp: 100483

Ion Ratio Lower Upper

62 100

98 13.6 10.5 15.7

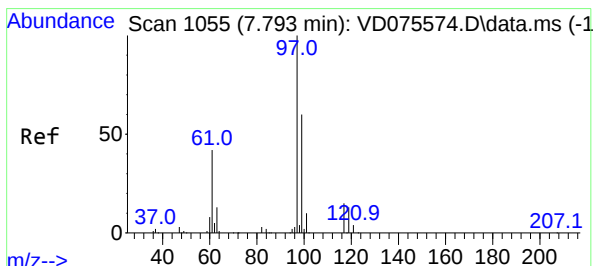
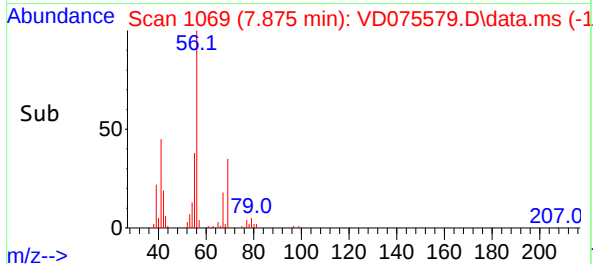
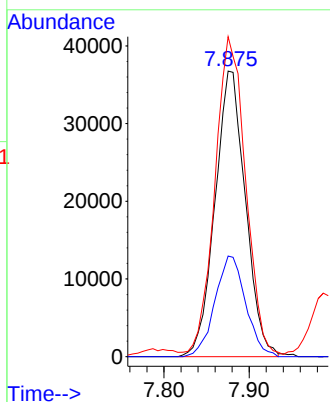
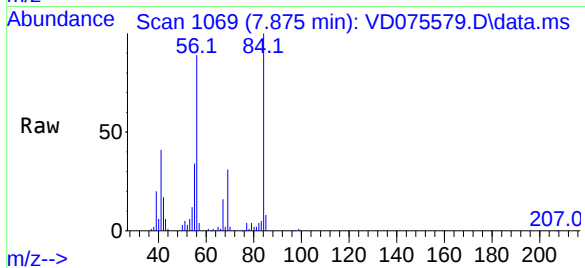




#29
Cyclohexane
Concen: 22.277 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

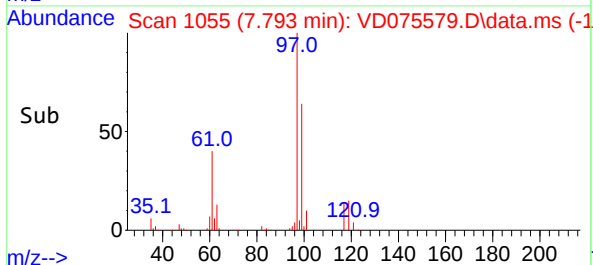
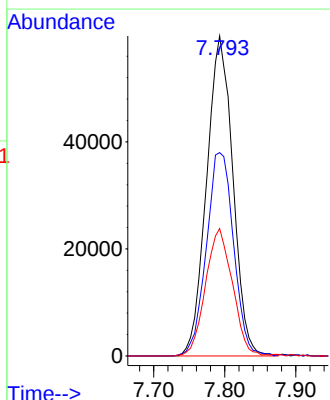
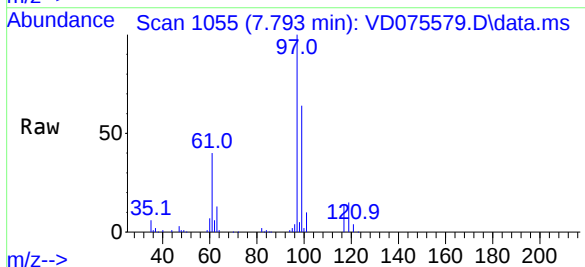
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

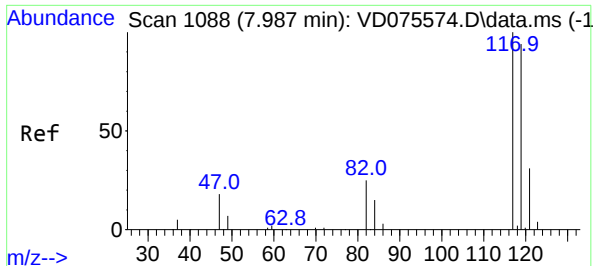
Tgt Ion:	56	Resp:	91232
Ion	Ratio	Lower	Upper
56	100		
69	35.6	28.3	42.5
84	113.0	91.1	136.7



#30
1,1,1-Trichloroethane
Concen: 23.248 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:	97	Resp:	153694
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.4	77.2
61	40.6	32.2	48.2

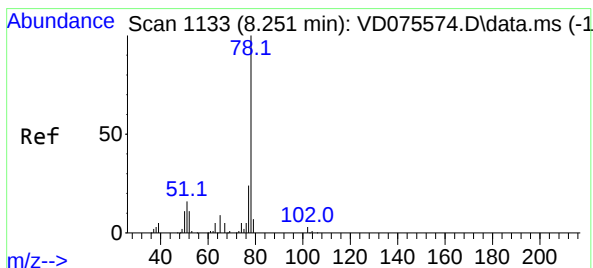
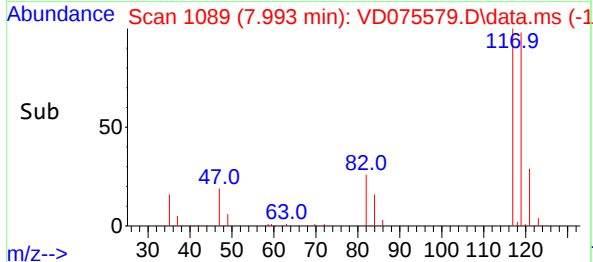
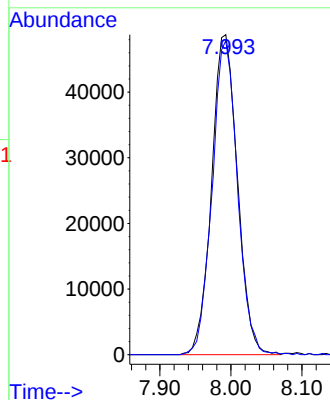
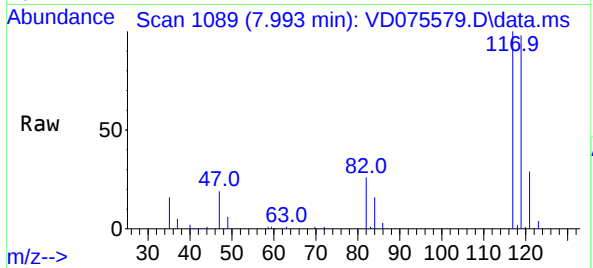




#31
Carbon tetrachloride
Concen: 23.037 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

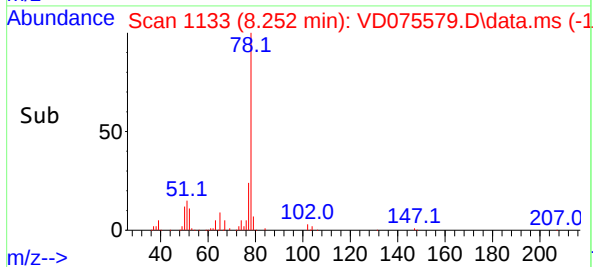
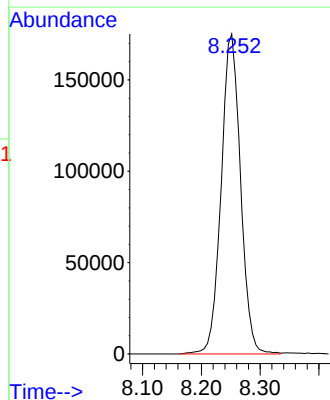
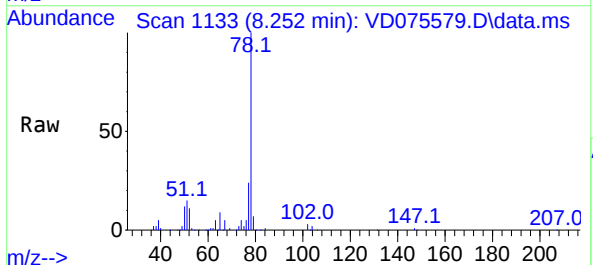
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

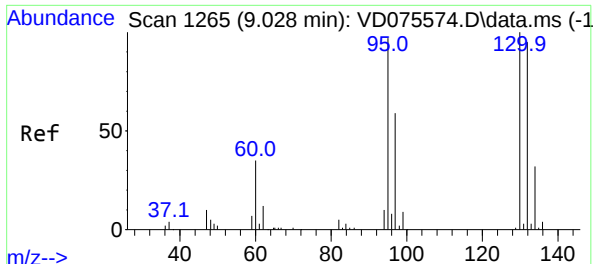
Tgt Ion:117 Resp: 122943
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6



#33
Benzene
Concen: 23.212 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 78 Resp: 400846

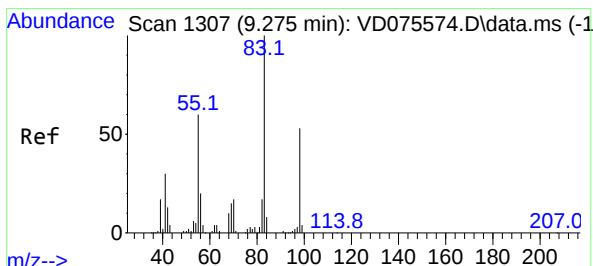
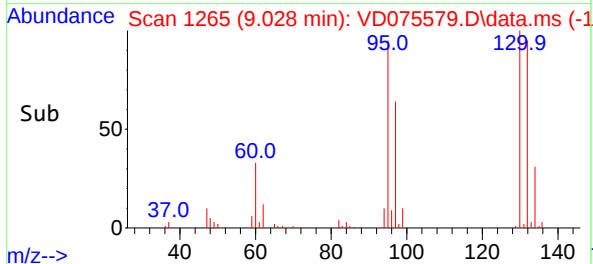
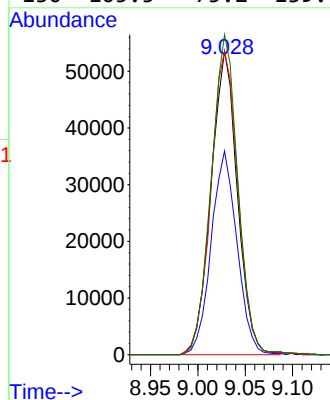
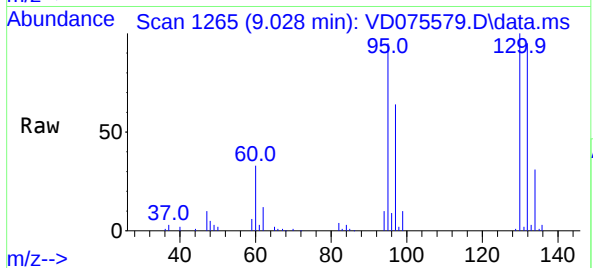




#34
Trichloroethene
Concen: 21.442 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

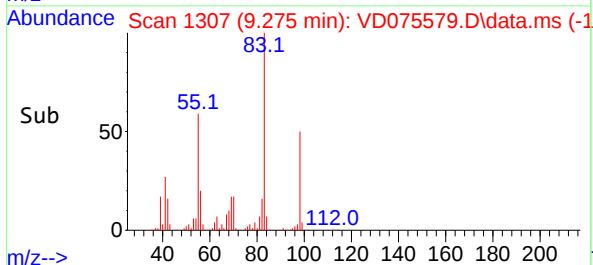
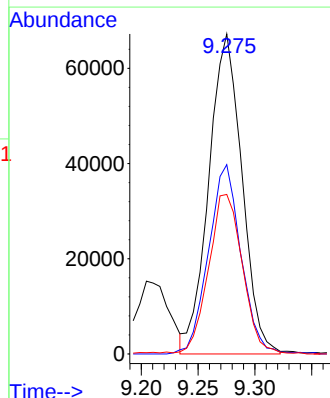
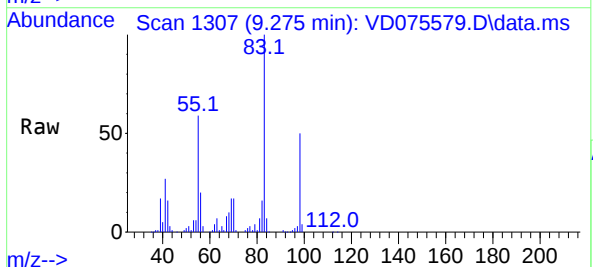
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

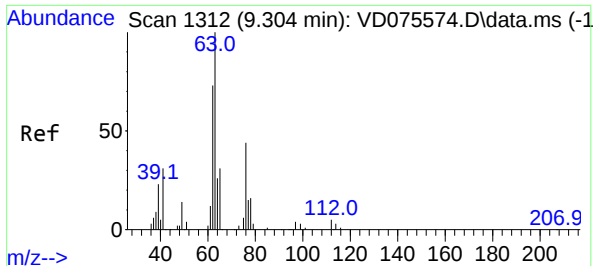
Tgt Ion: 95 Resp: 103735
Ion Ratio Lower Upper
95 100
97 67.1 47.0 87.2
132 100.0 71.2 132.2
130 105.5 75.2 139.6



#35
Methylcyclohexane
Concen: 21.592 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 83 Resp: 136635
Ion Ratio Lower Upper
83 100
55 57.8 46.9 70.3
98 50.9 40.8 61.2

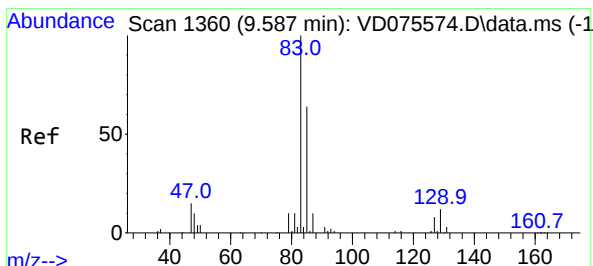
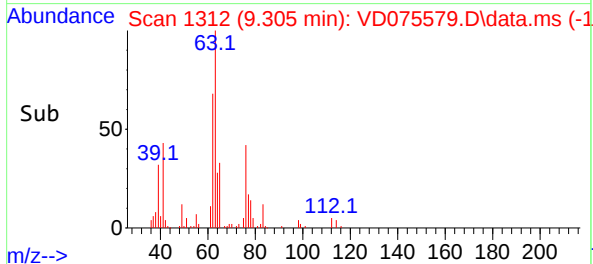
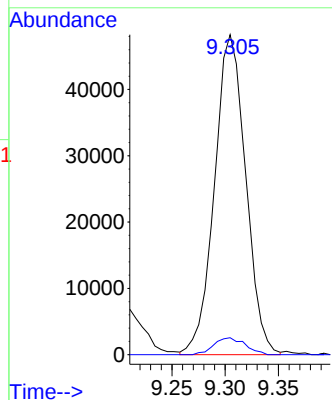
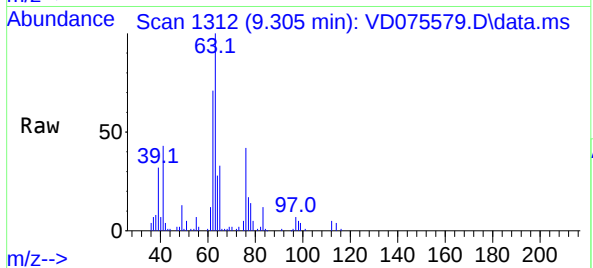




#37
1,2-Dichloropropane
Concen: 24.200 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

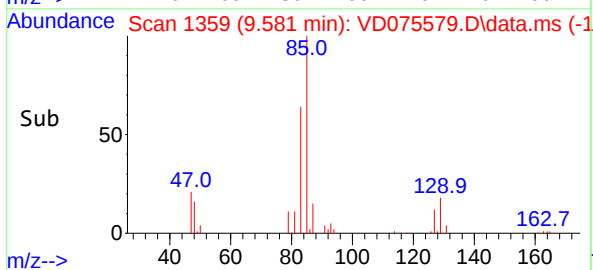
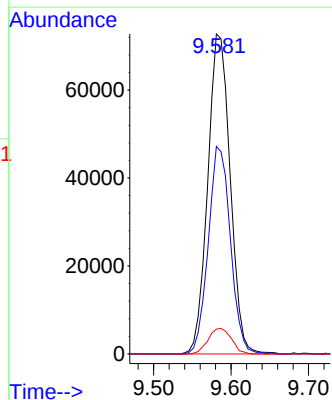
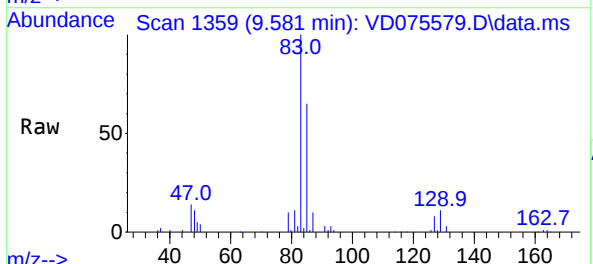
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

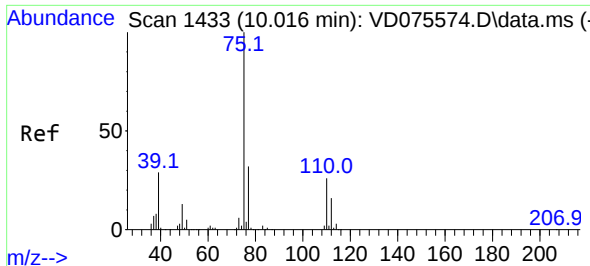
Tgt Ion: 63 Resp: 98317
Ion Ratio Lower Upper
63 100
112 5.3 4.7 7.1



#38
Bromodichloromethane
Concen: 25.301 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 83 Resp: 146400
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9
127 7.8 6.8 10.2

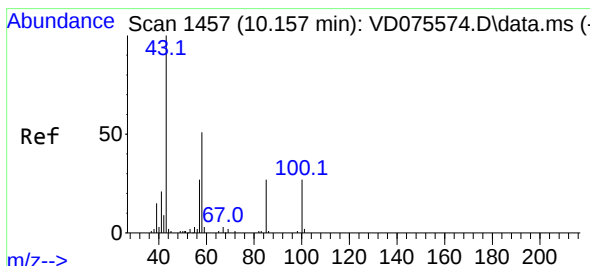
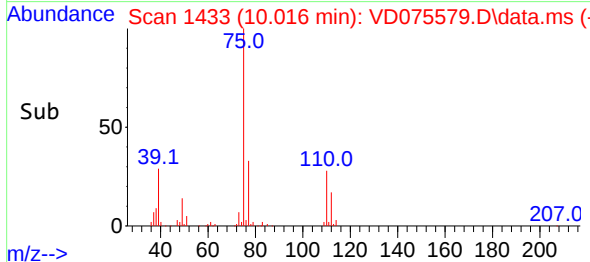
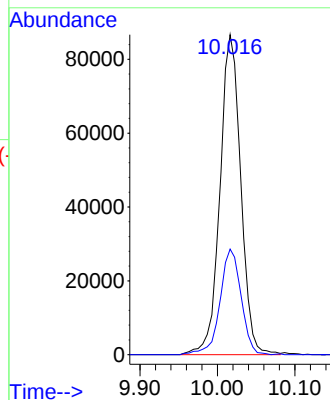
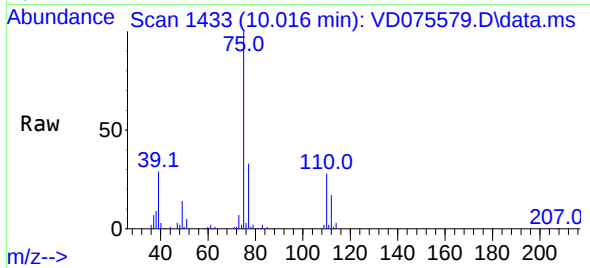




#39
cis-1,3-Dichloropropene
Concen: 25.173 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

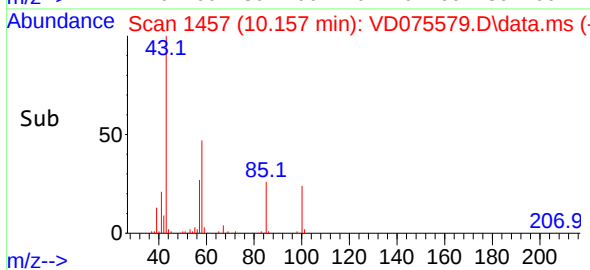
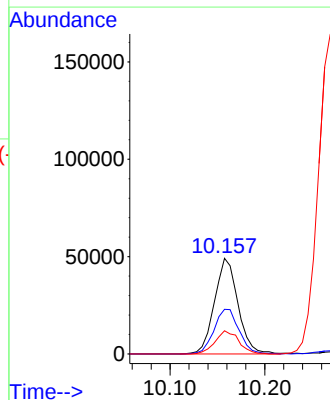
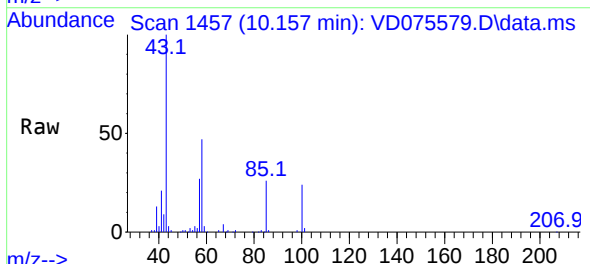
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

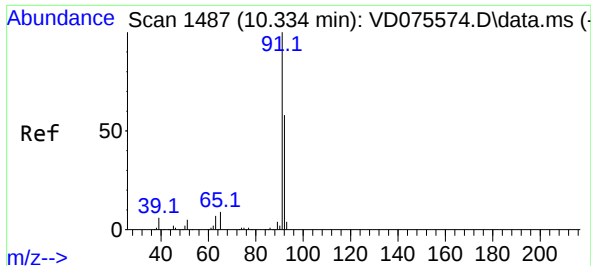
Tgt Ion: 75 Resp: 162154
Ion Ratio Lower Upper
75 100
77 33.0 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 55.643 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 43 Resp: 84733
Ion Ratio Lower Upper
43 100
58 49.5 39.4 59.0
100 24.4 20.3 30.5

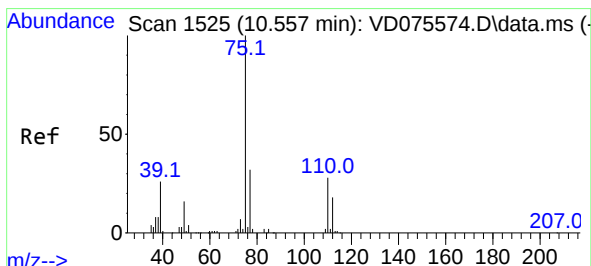
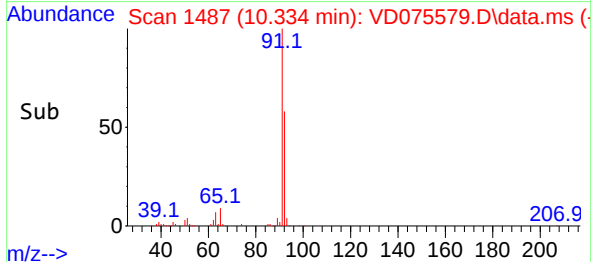
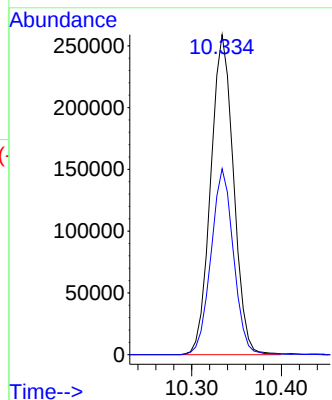
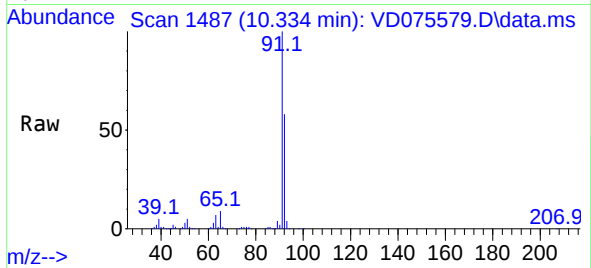




#42
Toluene
Concen: 23.837 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

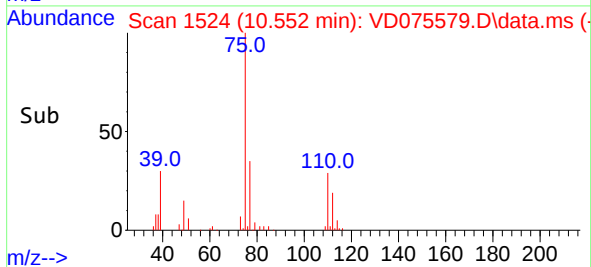
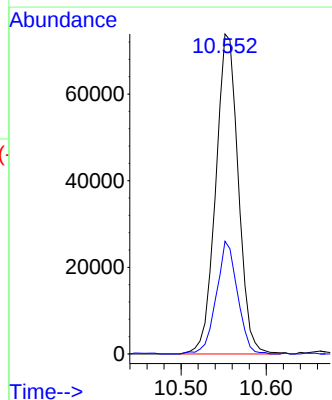
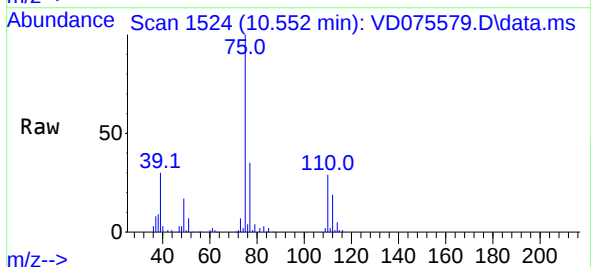
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

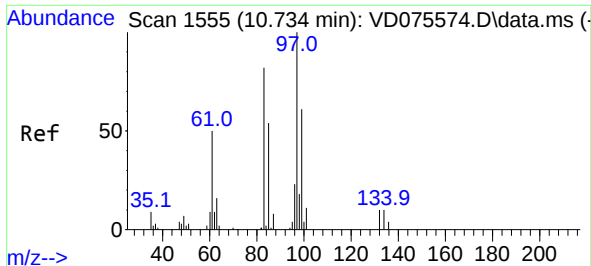
Tgt Ion: 91 Resp: 457352
Ion Ratio Lower Upper
91 100
92 58.1 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 24.853 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 75 Resp: 136115
Ion Ratio Lower Upper
75 100
77 35.2 22.1 41.1

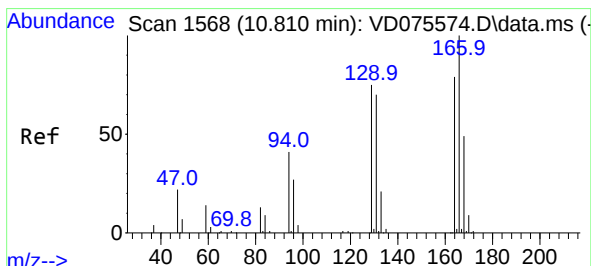
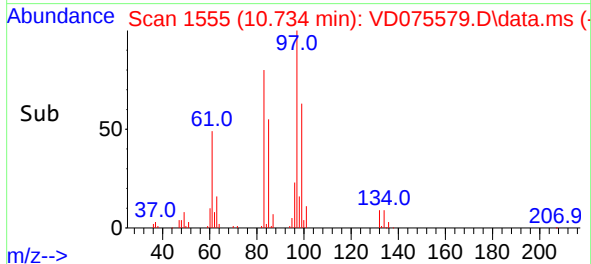
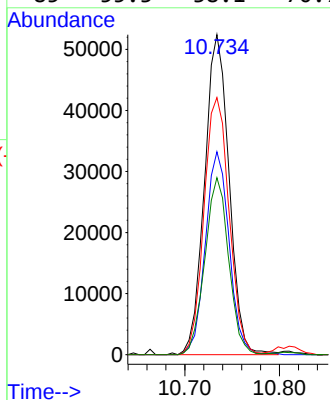
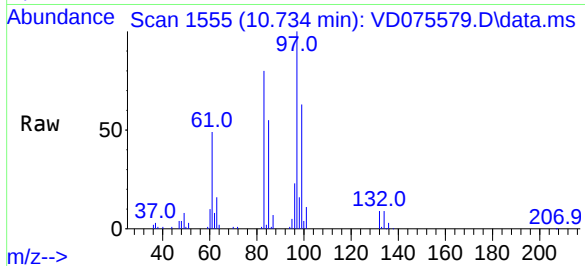




#45
1,1,2-Trichloroethane
Concen: 25.294 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

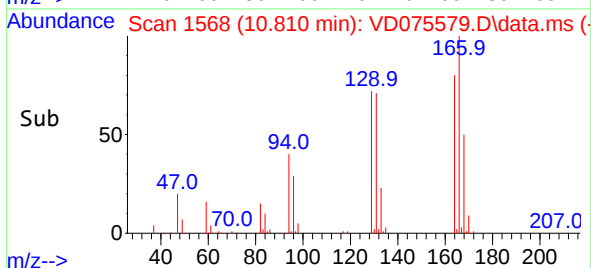
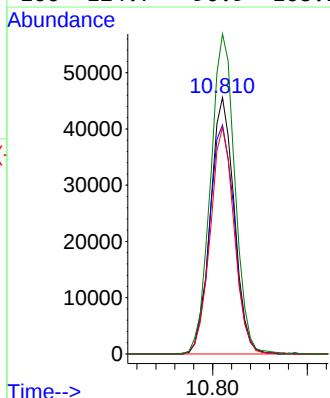
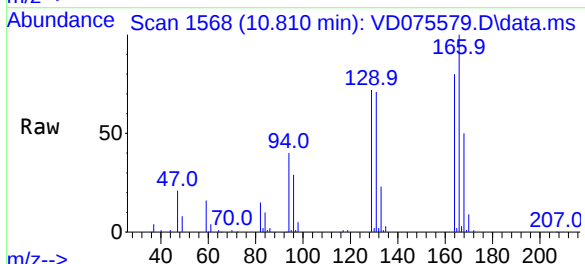
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

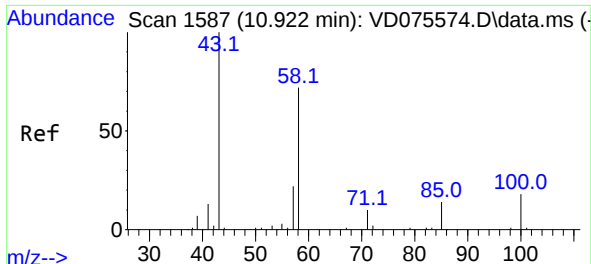
Tgt Ion: 97	Resp: 94303
Ion Ratio	Lower Upper
97 100	
99 63.4	46.4 86.2
83 80.4	57.1 106.1
85 55.3	38.1 70.7



#46
Tetrachloroethene
Concen: 21.180 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt	Ion:164	Resp:	80251
Ion	Ratio	Lower	Upper
164	100		
129	89.2	64.8	120.3
131	88.3	61.7	114.7
166	124.7	90.9	168.9



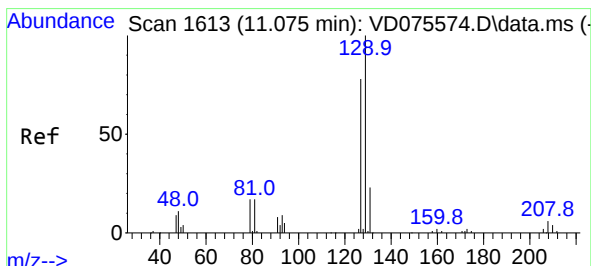
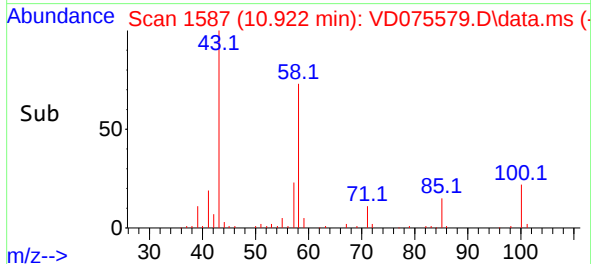
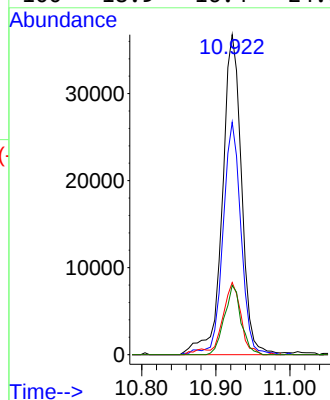
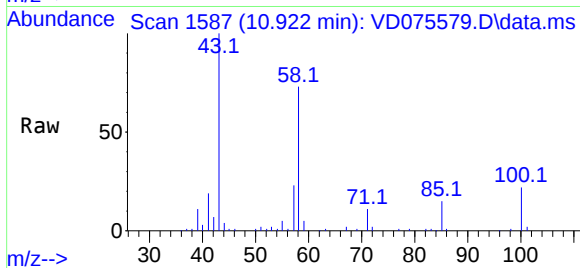


#48
2-Hexanone
Concen: 64.469 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

Tgt Ion: 43 Resp: 66163

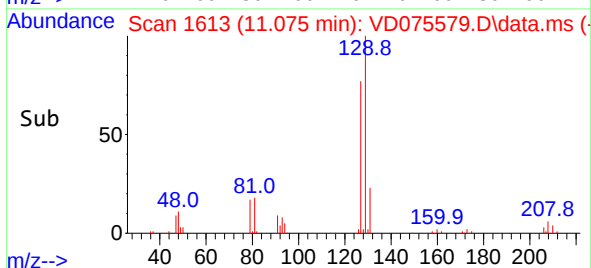
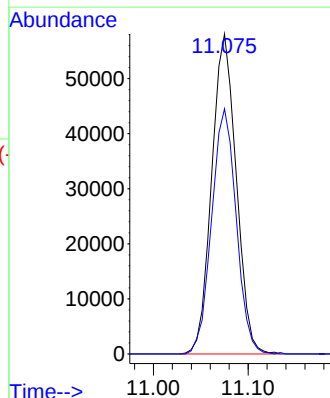
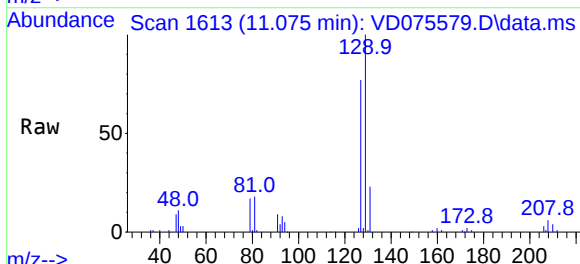
Ion	Ratio	Lower	Upper
43	100		
58	67.4	55.8	83.6
57	20.5	18.6	27.8
100	18.9	16.4	24.6

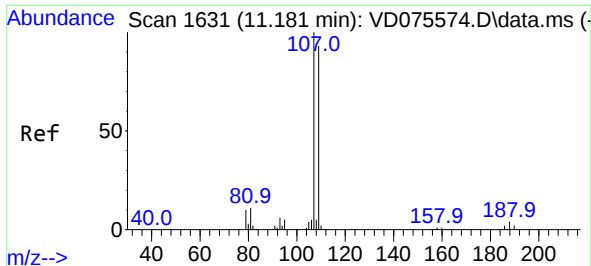


#49
Dibromochloromethane
Concen: 25.854 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 129 Resp: 104359

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.5	101.1

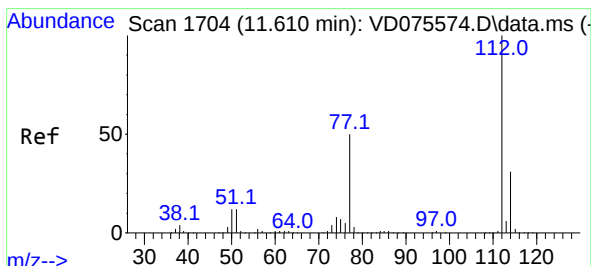
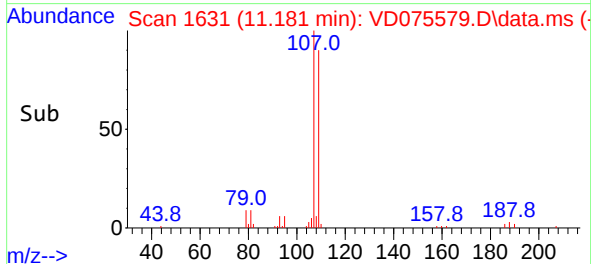
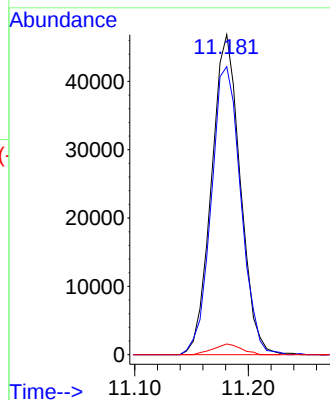
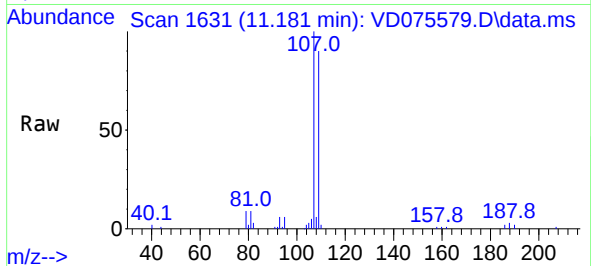




#50
1,2-Dibromoethane
Concen: 25.205 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

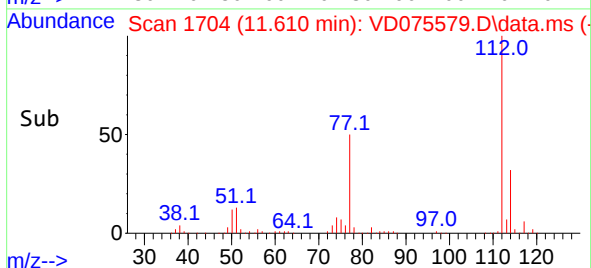
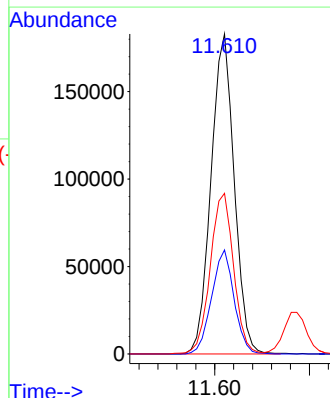
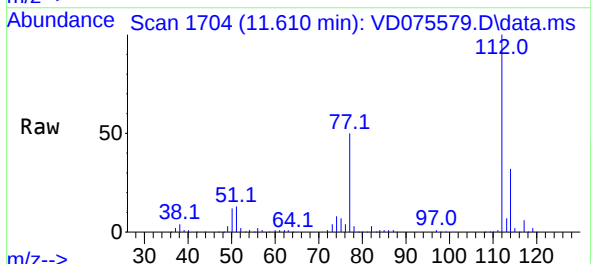
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

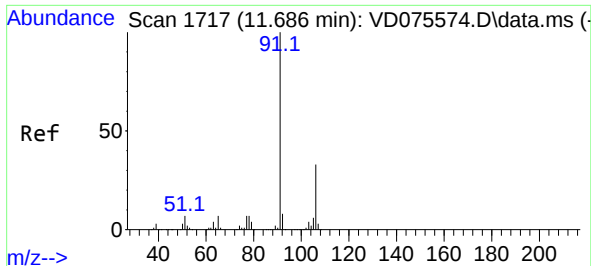
Tgt Ion:107 Resp: 82335
Ion Ratio Lower Upper
107 100
109 90.0 64.8 120.3
188 3.4 3.4 5.0



#51
Chlorobenzene
Concen: 24.063 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:112 Resp: 310930
Ion Ratio Lower Upper
112 100
114 32.5 21.1 39.1
77 50.2 37.8 56.6

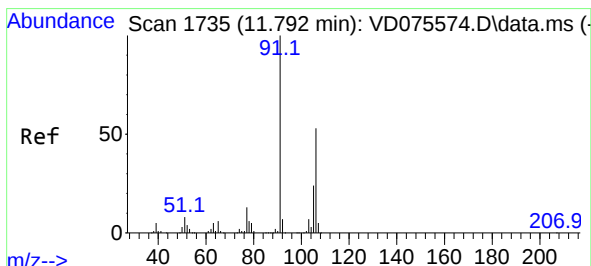
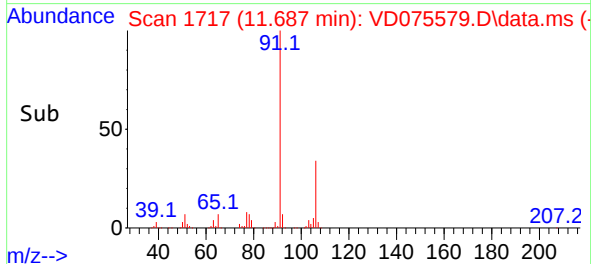
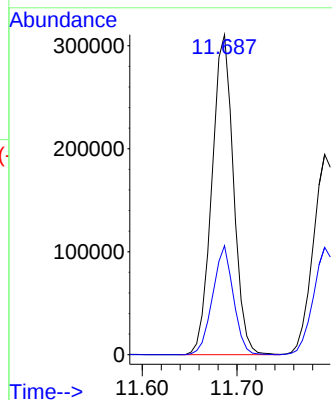
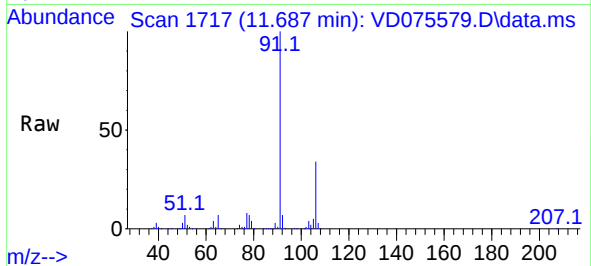




#52
Ethylbenzene
Concen: 24.352 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

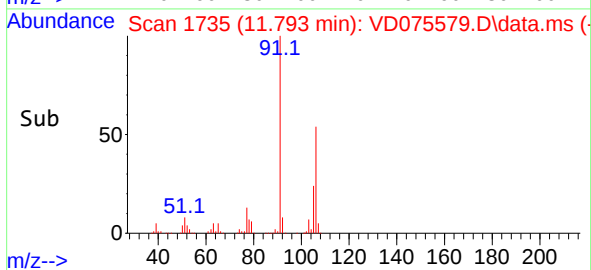
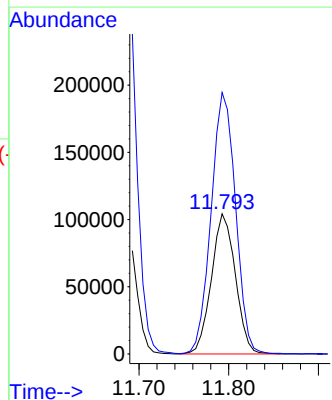
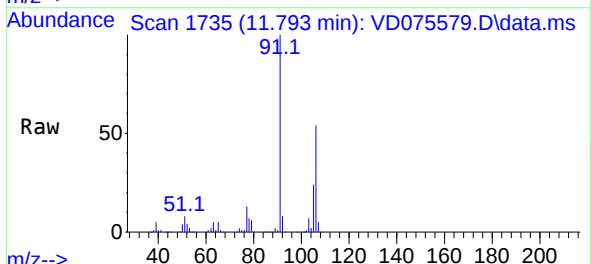
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

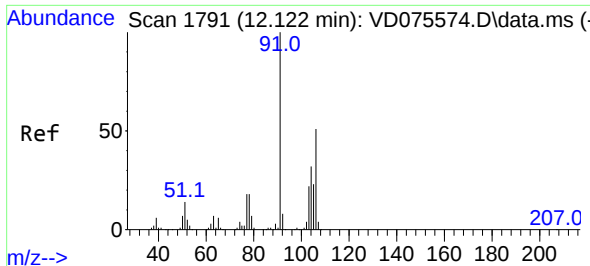
Tgt Ion: 91 Resp: 491318
Ion Ratio Lower Upper
91 100
106 34.0 23.2 43.2



#53
m,p-Xylene
Concen: 24.463 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 106 Resp: 193540
Ion Ratio Lower Upper
106 100
91 186.6 126.7 235.3

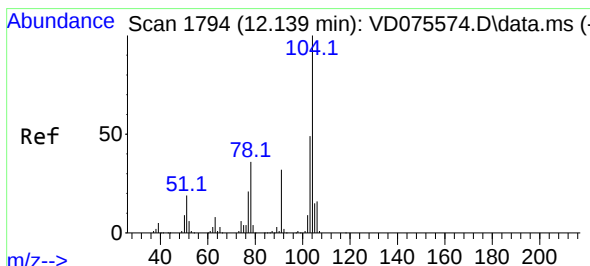
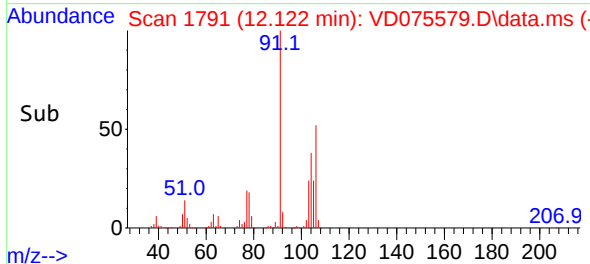
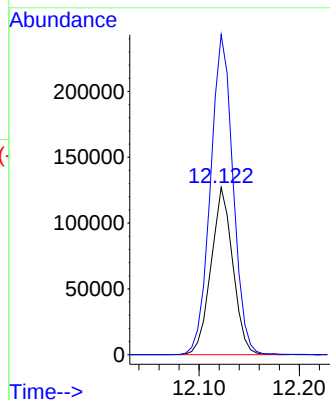
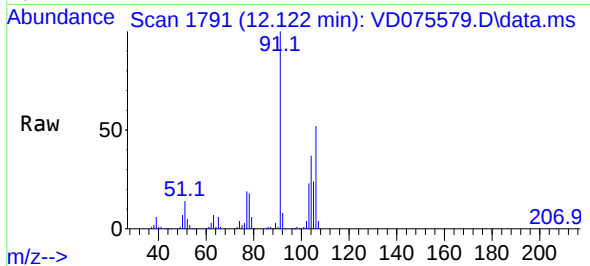




#54
o-Xylene
Concen: 25.450 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

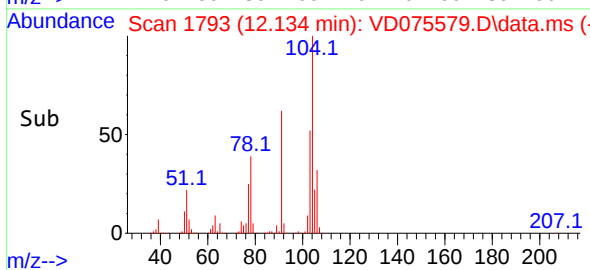
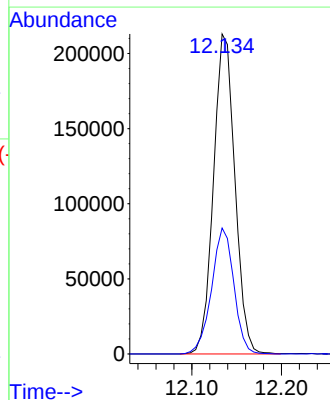
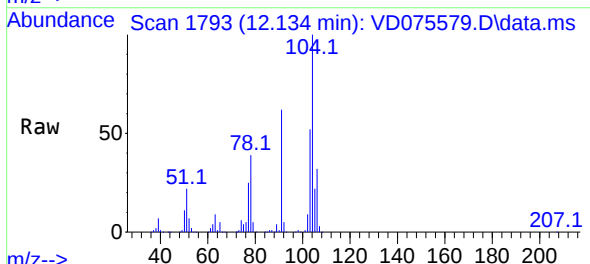
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

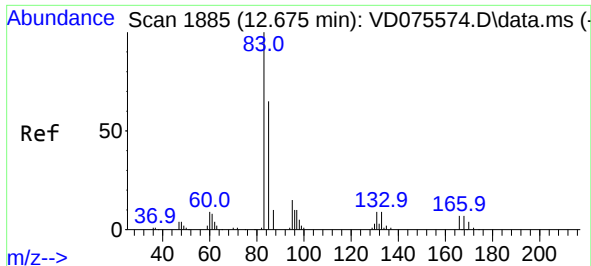
Tgt Ion:106 Resp: 191726
Ion Ratio Lower Upper
106 100
91 191.5 138.3 256.9



#55
Styrene
Concen: 26.323 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:104 Resp: 353349
Ion Ratio Lower Upper
104 100
78 39.4 25.8 47.8

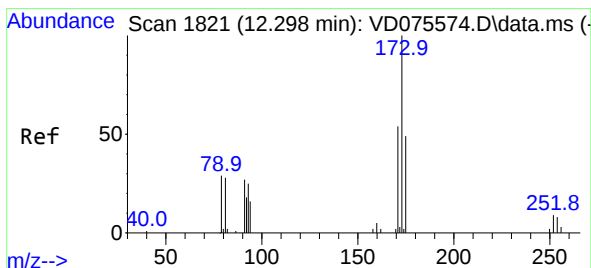
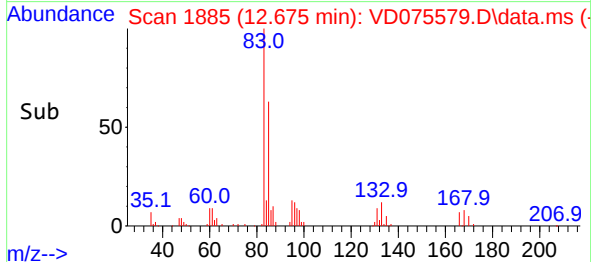
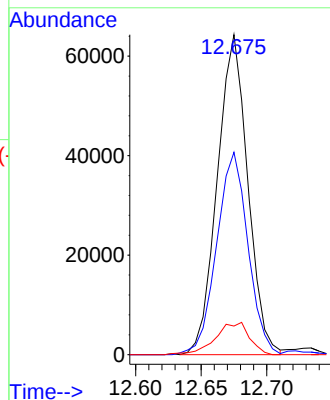
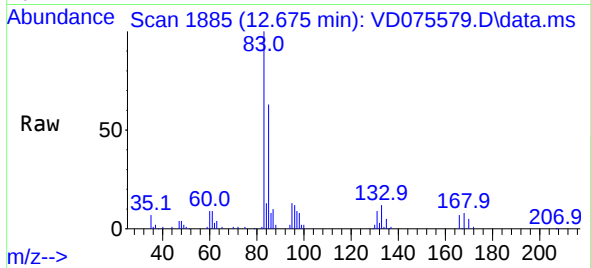




#57
1,1,2,2-Tetrachloroethane
Concen: 27.001 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

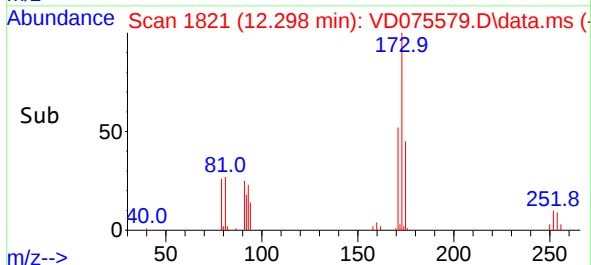
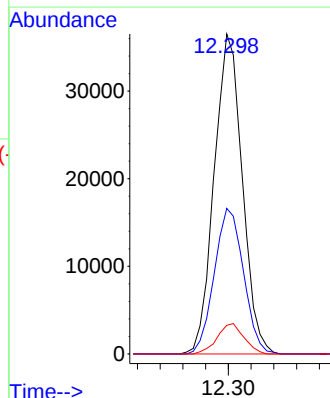
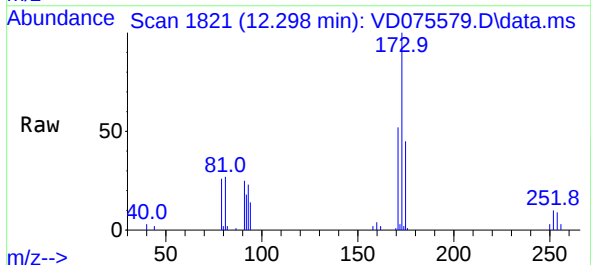
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

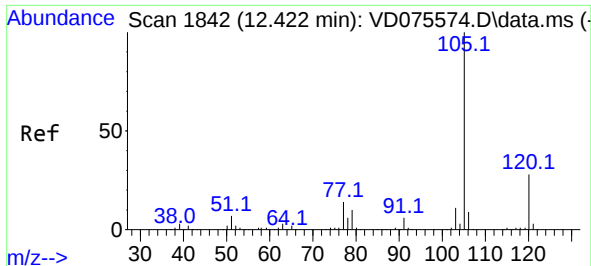
Tgt Ion: 83 Resp: 103891
Ion Ratio Lower Upper
83 100
85 63.2 48.7 90.5
131 9.0 9.3 13.9#



#59
Bromoform
Concen: 24.719 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 173 Resp: 62612
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 9.1 7.7 11.5

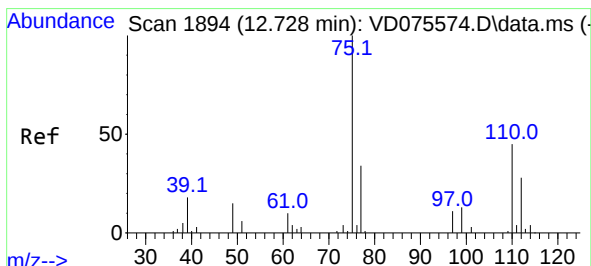
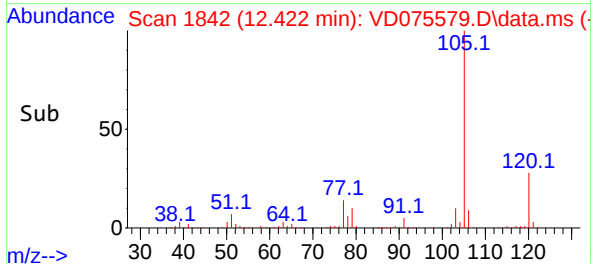
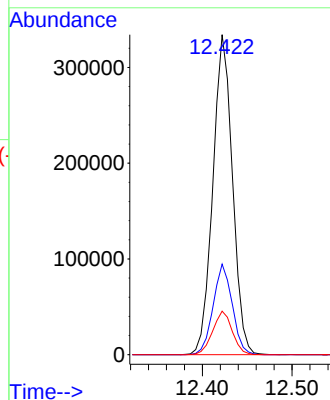
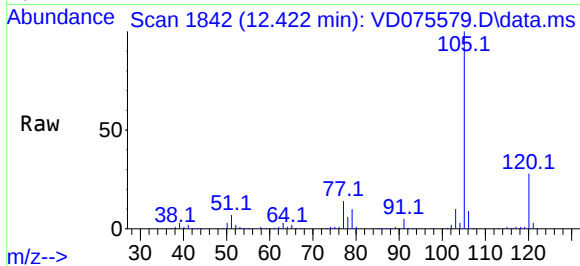




#60
Isopropylbenzene
Concen: 23.450 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

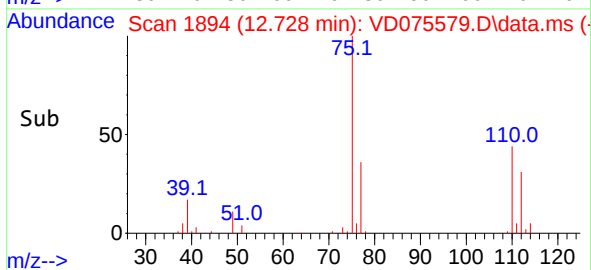
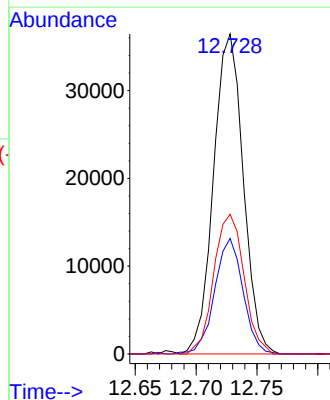
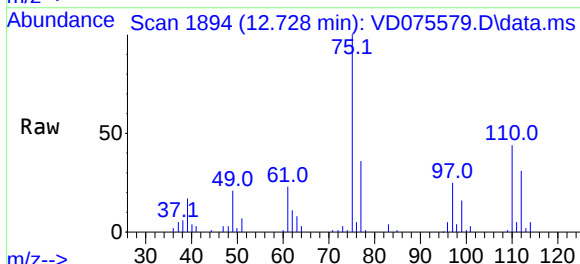
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

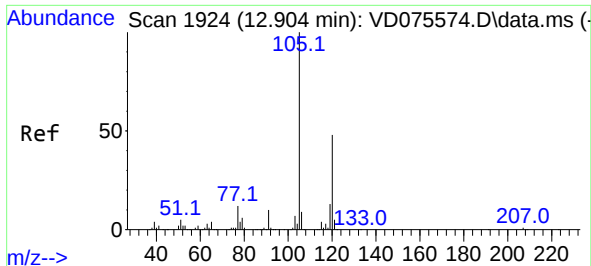
Tgt Ion:105 Resp: 507108
Ion Ratio Lower Upper
105 100
120 27.6 22.5 33.7
77 13.6 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 23.881 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion: 75 Resp: 61908
Ion Ratio Lower Upper
75 100
77 34.4 25.7 38.5
110 44.4 35.9 53.9

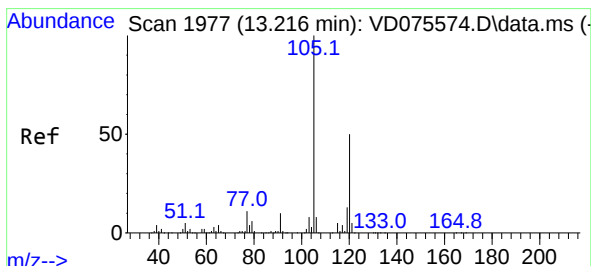
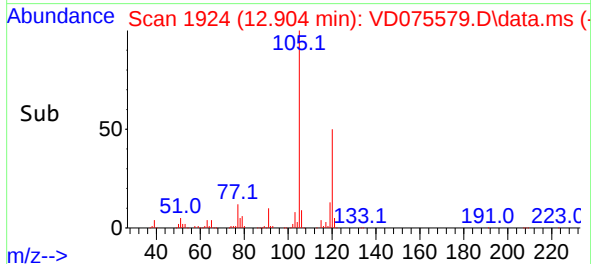
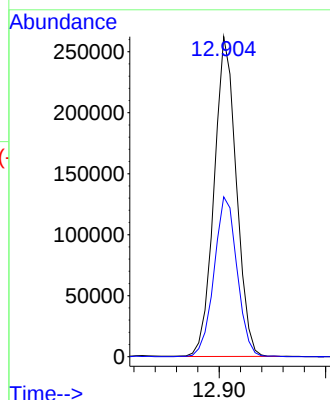
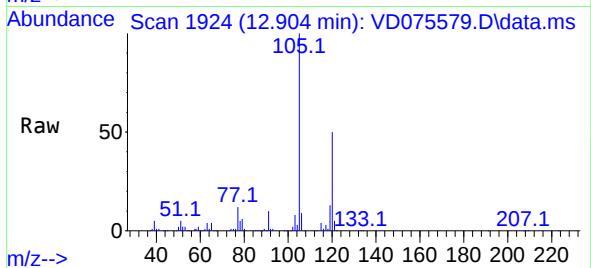




#62
1,3,5-Trimethylbenzene
Concen: 23.272 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

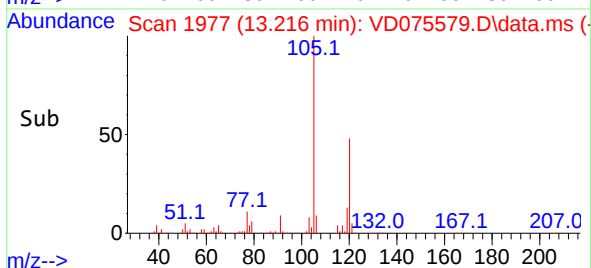
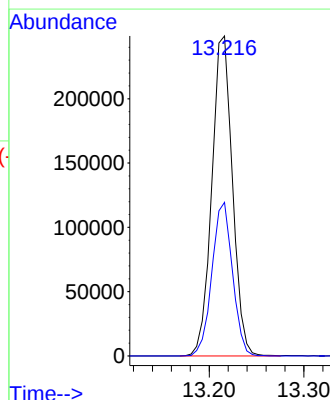
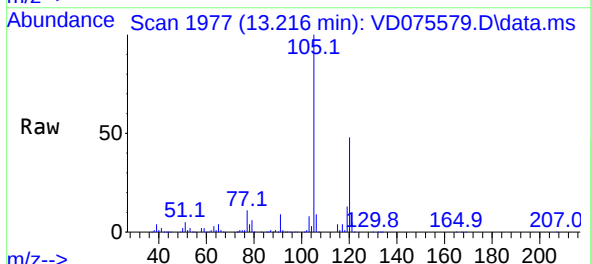
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

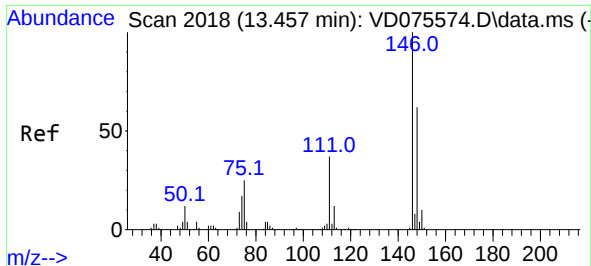
Tgt Ion:105 Resp: 379595
Ion Ratio Lower Upper
105 100
120 51.7 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 24.209 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:105 Resp: 377610
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.4

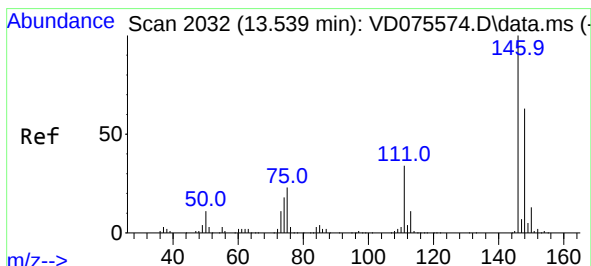
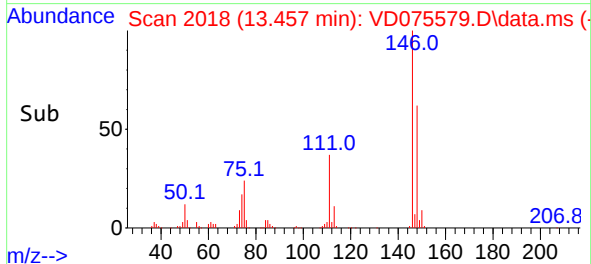
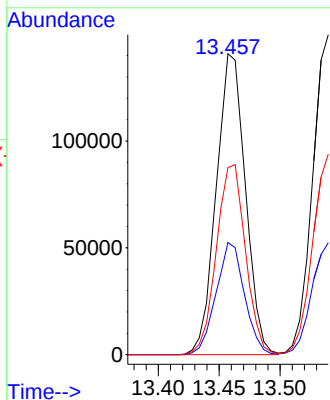
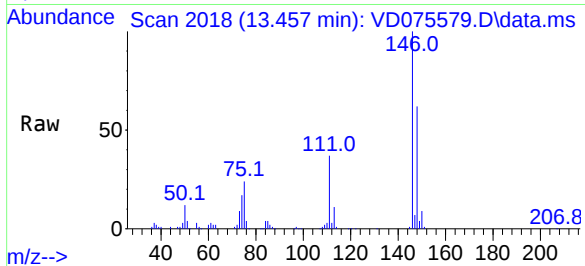




#64
1,3-Dichlorobenzene
Concen: 23.942 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

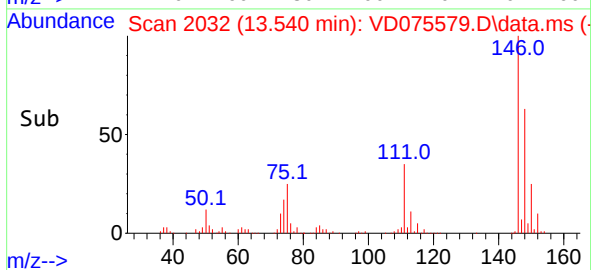
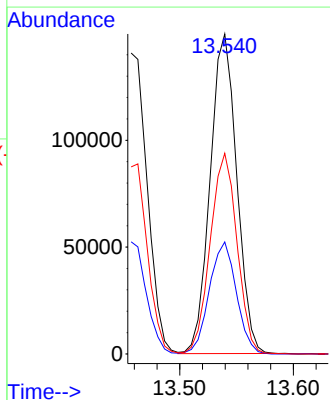
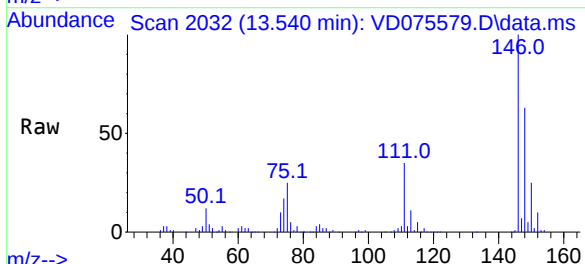
Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

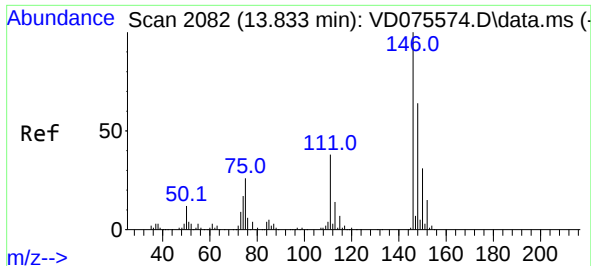
Tgt Ion:146 Resp: 234437
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 62.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 23.855 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:146 Resp: 243643
Ion Ratio Lower Upper
146 100
111 35.0 26.0 48.4
148 62.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 24.287 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075579.D

Acq: 05 Apr 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD025124

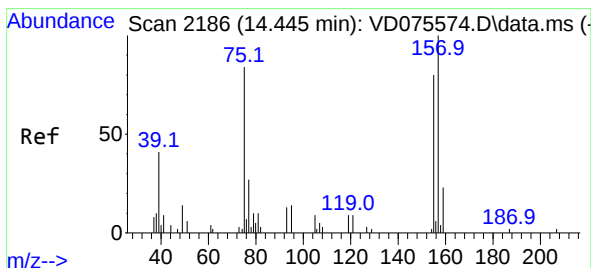
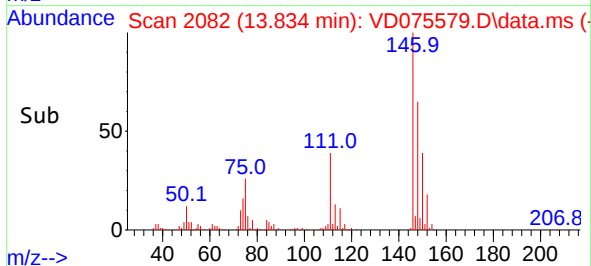
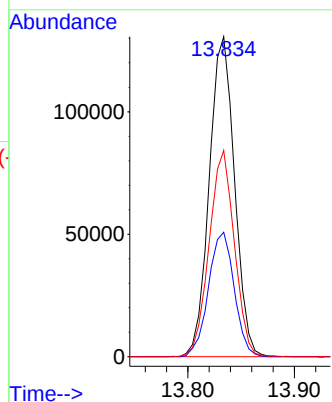
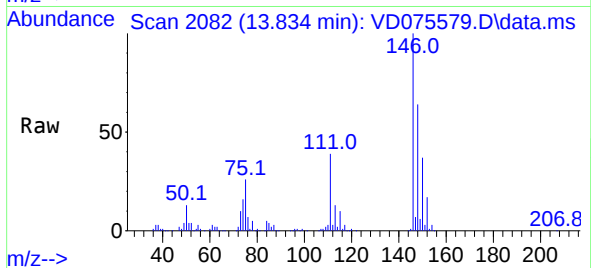
Tgt Ion:146 Resp: 215395

Ion Ratio Lower Upper

146 100

111 38.9 31.3 46.9

148 64.5 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.464 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.005 min

Lab File: VD075579.D

Acq: 05 Apr 2023 15:25

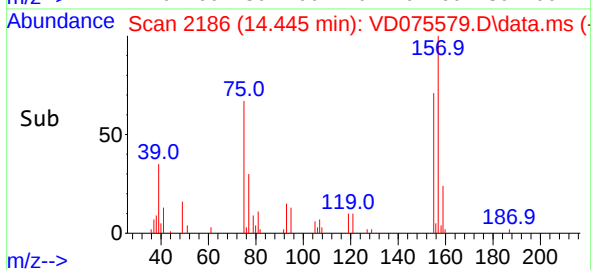
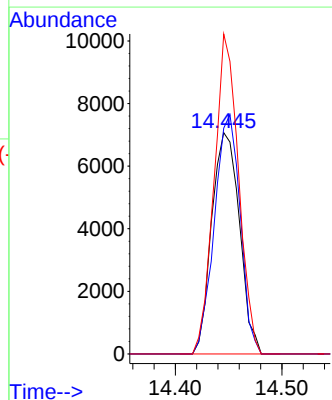
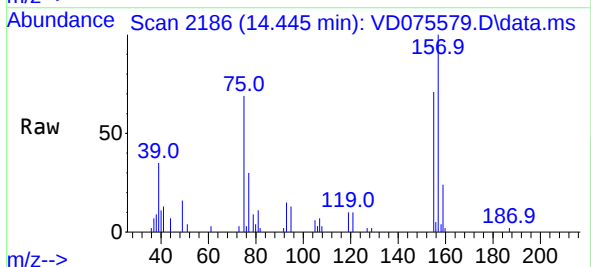
Tgt Ion: 75 Resp: 12771

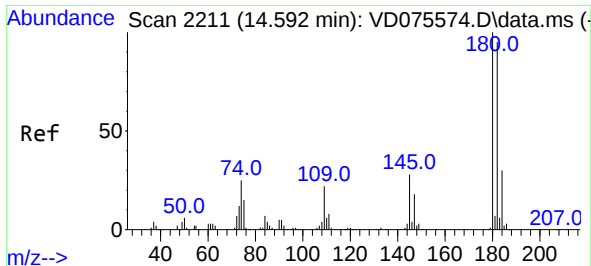
Ion Ratio Lower Upper

75 100

155 102.0 70.6 106.0

157 144.6 111.3 166.9



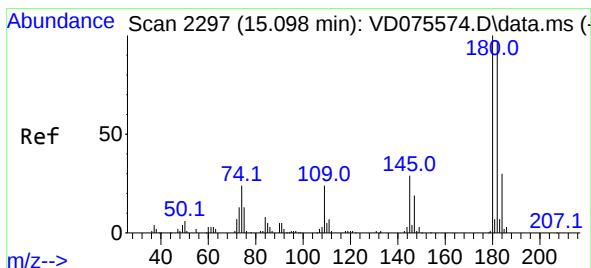
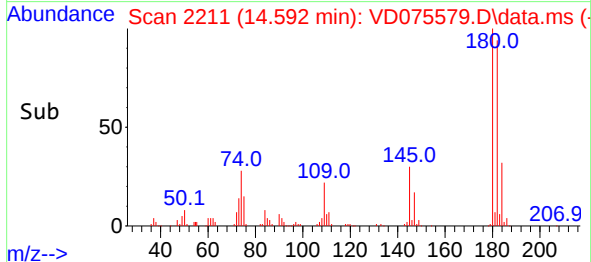
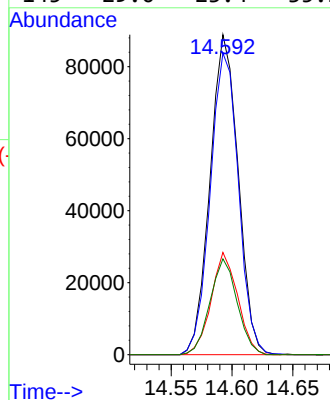
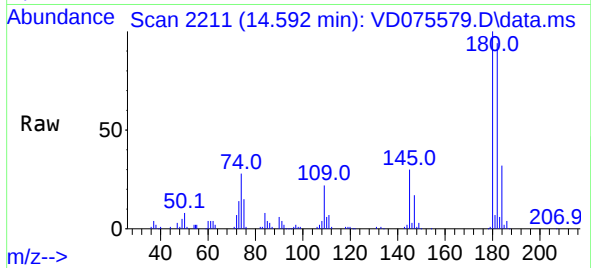


#69
 1,3,5-Trichlorobenzene
 Concen: 23.638 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.005 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025124

Tgt Ion:180 Resp: 142740

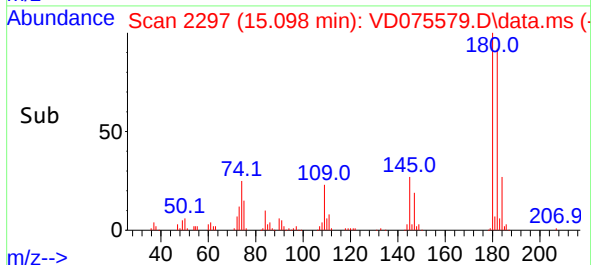
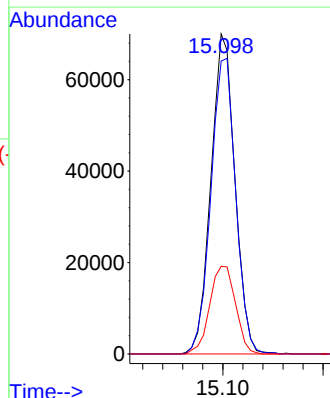
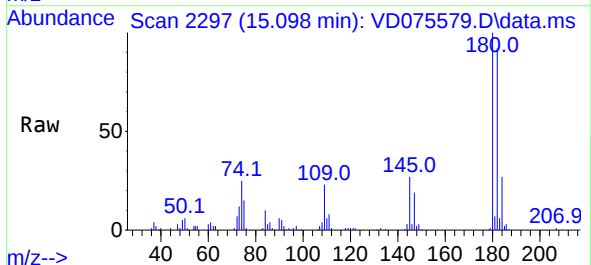
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.9	115.3
184	30.3	24.6	36.8
145	29.0	23.4	35.2

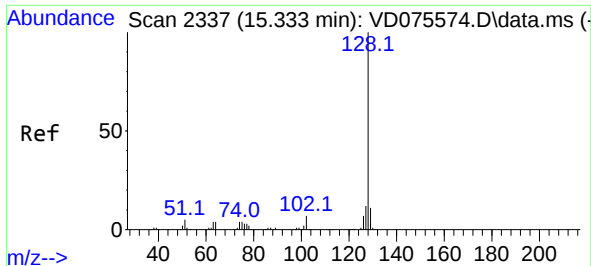


#70
 1,2,4-trichlorobenzene
 Concen: 23.764 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.005 min
 Lab File: VD075579.D
 Acq: 05 Apr 2023 15:25

Tgt Ion:180 Resp: 116173

Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.2	111.2
145	29.5	22.9	34.3

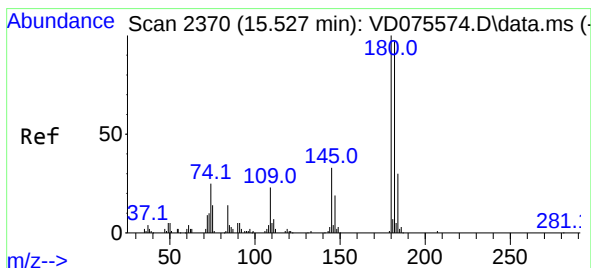
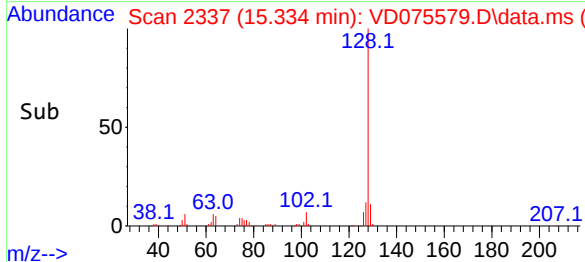
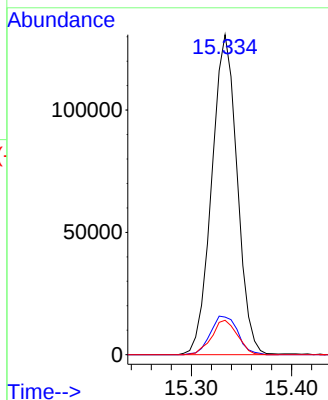
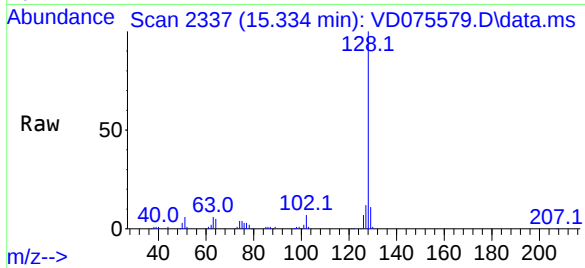




#71
Naphthalene
Concen: 25.515 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

Tgt Ion:128 Resp: 230617
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.330 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075579.D
Acq: 05 Apr 2023 15:25

Tgt Ion:180 Resp: 106541
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.0
145 30.9 25.2 37.8

