

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075974.D
 Acq On : 02 May 2023 20:00
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025145

Quant Time: May 03 02:52:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	346167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	326541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	165758	21.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.320%		
7) Chloroethane-d5	2.799	69	150195	22.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.560%		
11) 1,1-Dichloroethene-d2	3.916	65	36802	21.020	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.080%		
21) 2-Butanone-d5	6.987	46	43728	66.329	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.660%		
24) Chloroform-d	7.563	84	213108	24.618	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.480%		
26) 1,2-Dichloroethane-d4	8.228	65	98006	26.512	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.040%		
32) Benzene-d6	8.198	84	443242	23.289	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.160%		
36) 1,2-Dichloropropane-d6	9.210	67	129106	24.508	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.040%		
41) Toluene-d8	10.269	98	413793	23.223	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.880%		
43) trans-1,3-Dichloroprop...	10.528	79	52784	24.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.960%		
47) 2-Hexanone-d5	10.875	63	38770	61.123	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.240%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115901	28.752	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.000%		
66) 1,2-Dichlorobenzene-d4	13.816	152	135604	22.757	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	128346	26.895	ug/L	99
3) Chloromethane	2.146	50	211563	31.802	ug/L	97
5) Vinyl chloride	2.281	62	242799	27.926	ug/L	99
6) Bromomethane	2.693	94	122731	21.007	ug/L	99
8) Chloroethane	2.834	64	152366	27.097	ug/L	98
9) Trichlorofluoromethane	3.169	101	183929	26.328	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	129234	27.536	ug/L	97
12) 1,1-Dichloroethene	3.934	96	118712	26.082	ug/L	90
13) Acetone	4.028	43	32039	56.790	ug/L	99
14) Carbon disulfide	4.263	76	402076	25.291	ug/L	99
15) Methyl Acetate	4.569	43	40959	33.499	ug/L #	61
16) Methylene chloride	4.799	84	153316	21.832	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	130744	25.618	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	236439	28.881	ug/L	99
19) 1,1-Dichloroethane	6.110	63	212846	28.468	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	147657	27.361	ug/L	97
22) 2-Butanone	7.087	43	50624	68.829	ug/L	92
23) Bromochloromethane	7.422	128	73287	29.283	ug/L #	91
25) Chloroform	7.593	83	231600	27.639	ug/L	96

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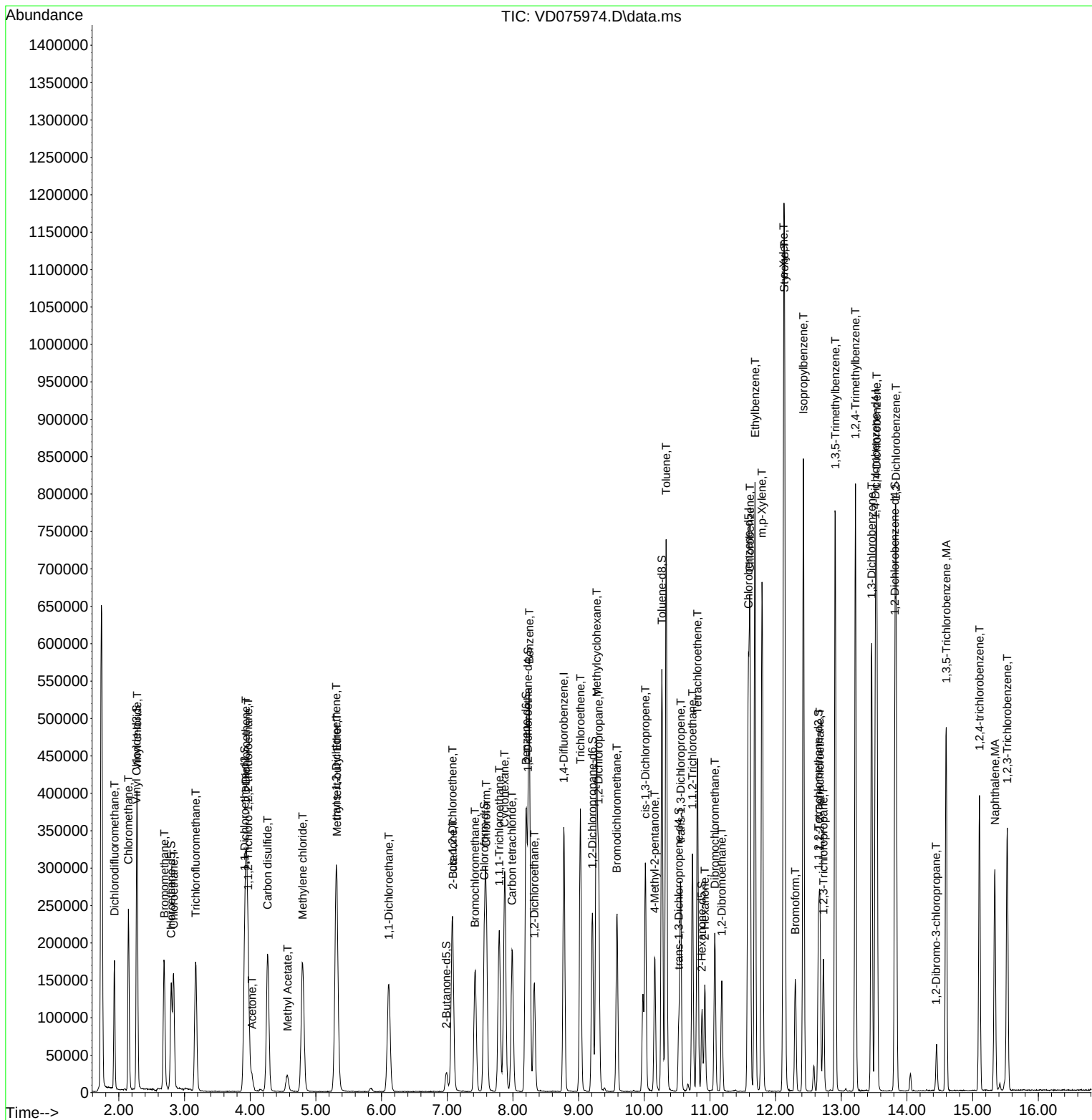
Instrument :
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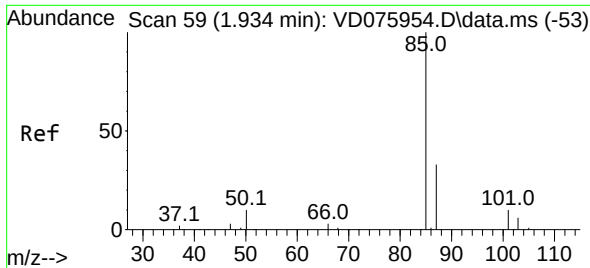
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 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	129862	30.024	ug/L	100
29) Cyclohexane	7.875	56	153505	27.460	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	180521	26.129	ug/L	99
31) Carbon tetrachloride	7.987	117	145905	26.323	ug/L	96
33) Benzene	8.251	78	541132	27.396	ug/L	100
34) Trichloroethene	9.028	95	127589	24.978	ug/L	92
35) Methylcyclohexane	9.275	83	201922	25.640	ug/L	97
37) 1,2-Dichloropropane	9.304	63	130781	28.824	ug/L	99
38) Bromodichloromethane	9.581	83	166975	27.293	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	195543	27.099	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	111489	67.395	ug/L	97
42) Toluene	10.334	91	591708	27.682	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	164678	28.409	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	108836	28.196	ug/L	97
46) Tetrachloroethene	10.810	164	112416	26.832	ug/L	98
48) 2-Hexanone	10.922	43	81440	69.833	ug/L	93
49) Dibromochloromethane	11.075	129	116505	27.725	ug/L	96
50) 1,2-Dibromoethane	11.181	107	99595	28.619	ug/L #	94
51) Chlorobenzene	11.610	112	380846	27.235	ug/L	98
52) Ethylbenzene	11.686	91	590344	26.933	ug/L	98
53) m,p-Xylene	11.792	106	239641	27.457	ug/L	98
54) o-Xylene	12.122	106	227595	27.455	ug/L	97
55) Styrene	12.134	104	415107	28.771	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	120505	30.683	ug/L	97
59) Bromoform	12.298	173	70270	27.216	ug/L	100
60) Isopropylbenzene	12.422	105	561306	25.128	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	76735	28.996	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	429198	25.767	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	423132	26.352	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	282197	26.403	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	292297	26.058	ug/L	100
67) 1,2-Dichlorobenzene	13.833	146	254591	26.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15368	29.048	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	164732	22.995	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	136280	22.955	ug/L	99
71) Naphthalene	15.339	128	282129	25.969	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	132308	24.967	ug/L	98

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

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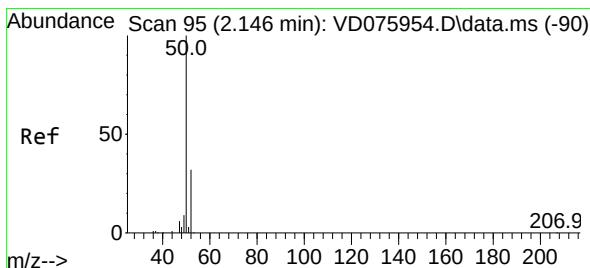
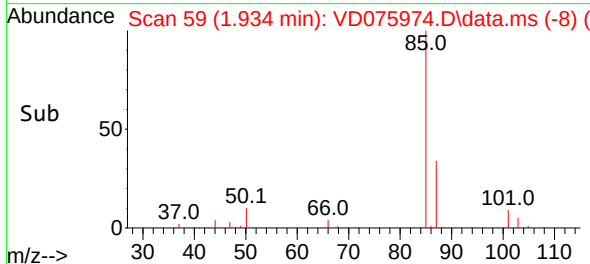
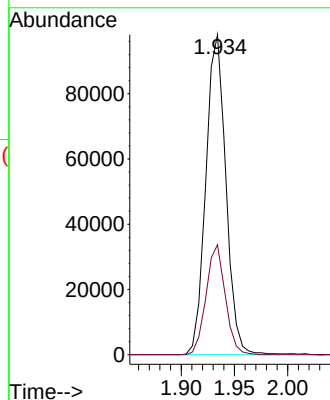
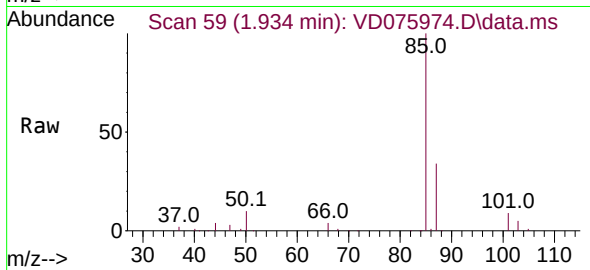




#2
 Dichlorodifluoromethane
 Concen: 26.895 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

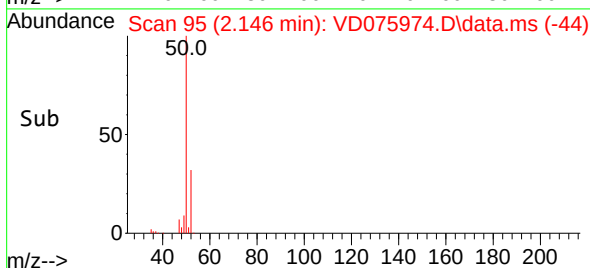
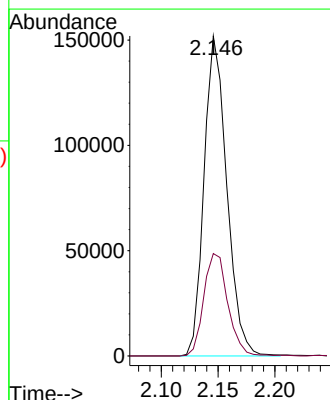
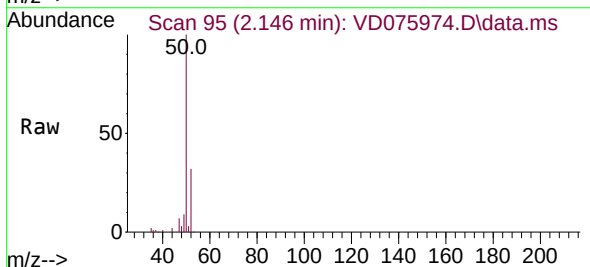
Instrument :
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 VSTD025145

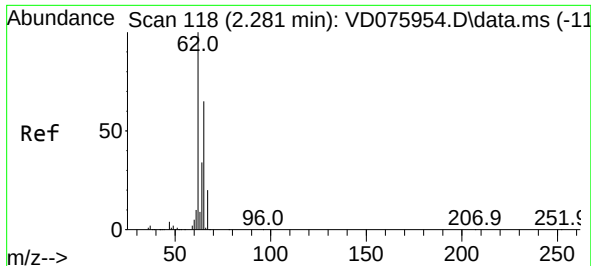
Tgt Ion: 85 Resp: 128346
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 31.802 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

Tgt Ion: 50 Resp: 211563
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.7 44.1

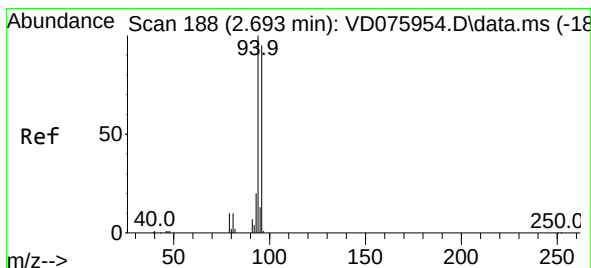
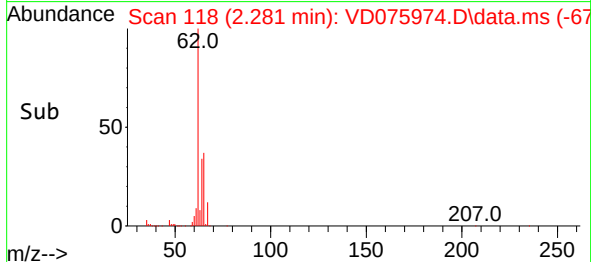
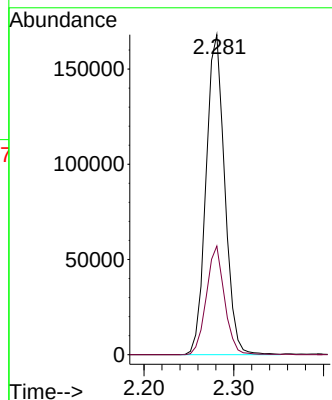
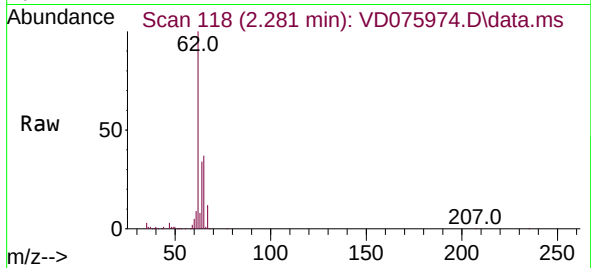




#5
 Vinyl chloride
 Concen: 27.926 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

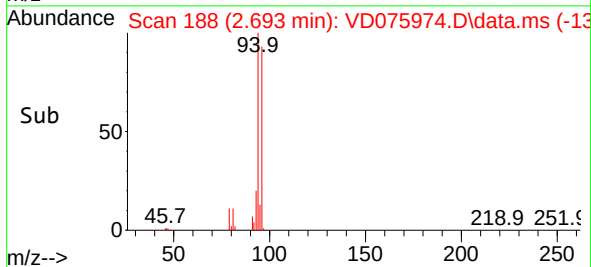
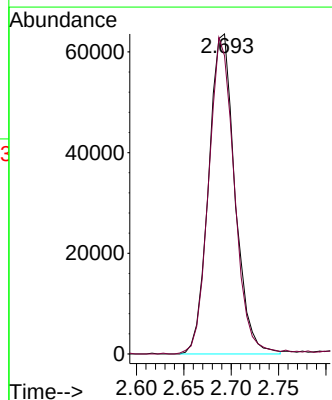
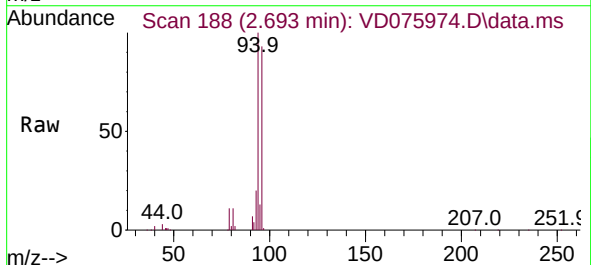
Instrument :
 MSVOA_D
 ClientSampleId :
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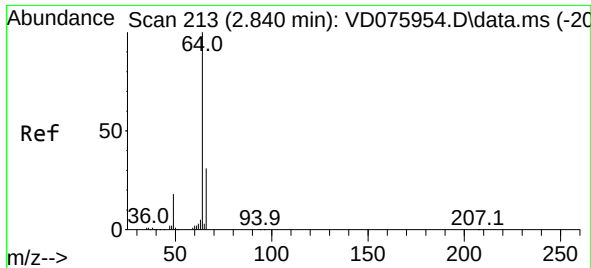
Tgt Ion: 62 Resp: 242799
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.0



#6
 Bromomethane
 Concen: 21.007 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

Tgt Ion: 94 Resp: 122731
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.7 121.9

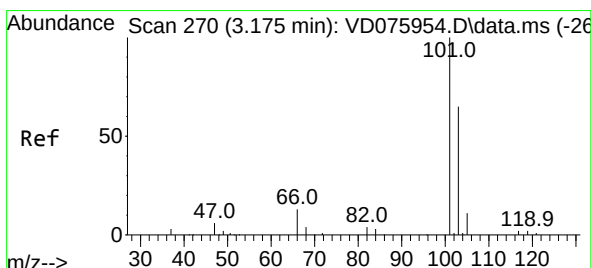
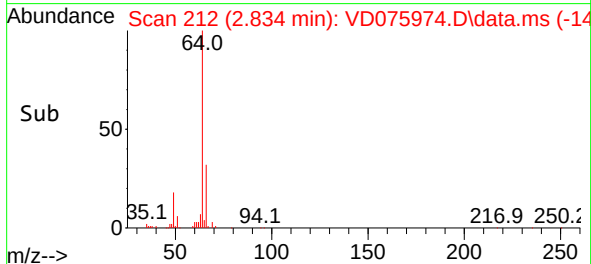
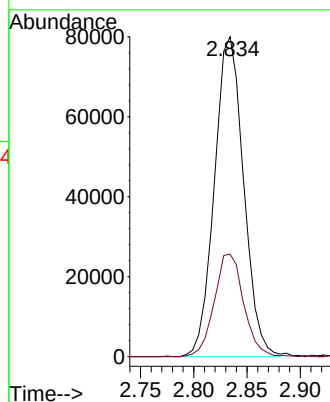
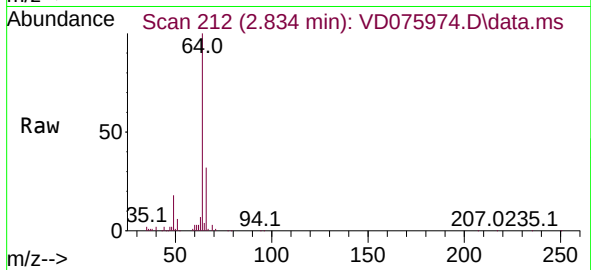




#8
Chloroethane
Concen: 27.097 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

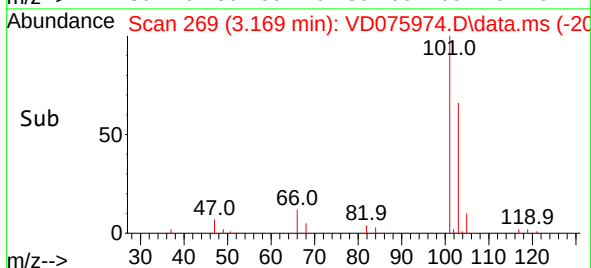
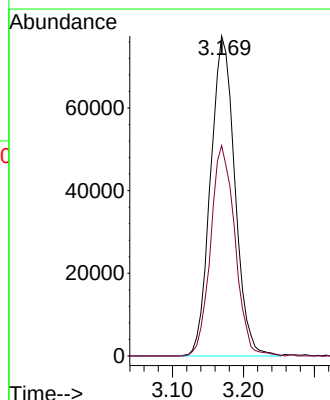
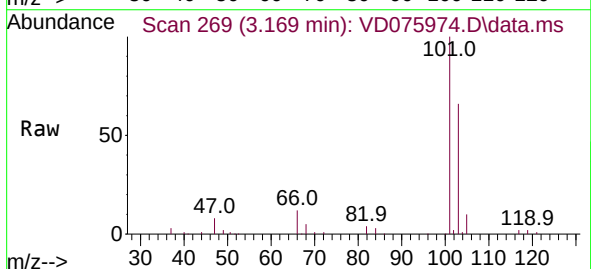
Instrument :
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ClientSampleId :
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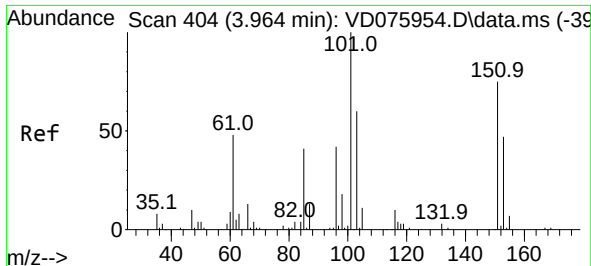
Tgt Ion: 64 Resp: 152366
Ion Ratio Lower Upper
64 100
66 32.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.328 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 101 Resp: 183929
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

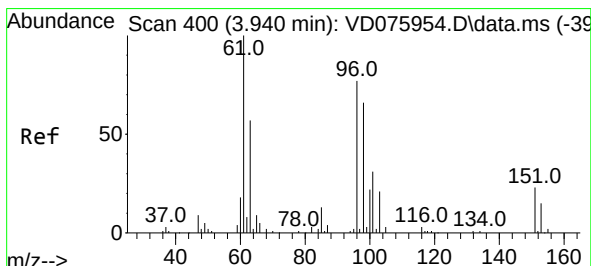
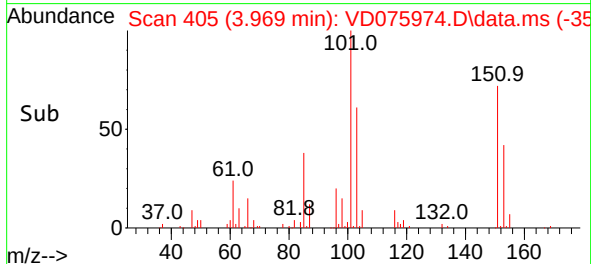
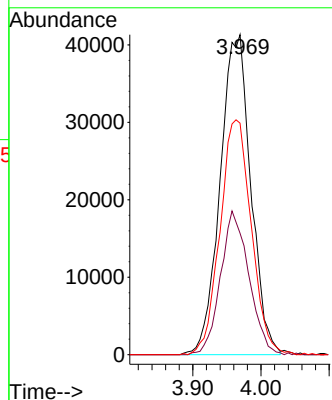
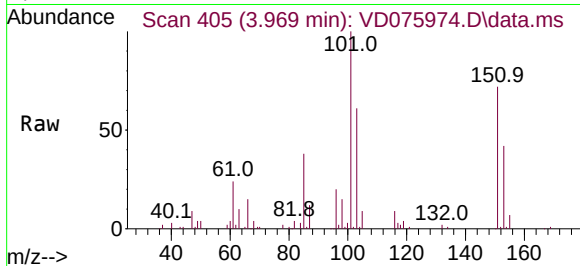




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.536 ug/L
 RT: 3.969 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

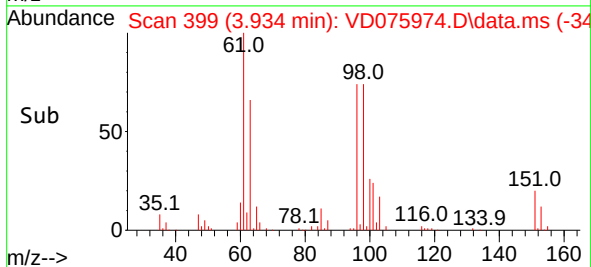
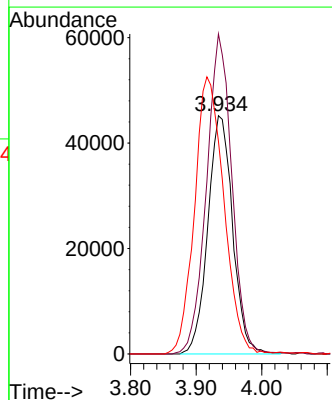
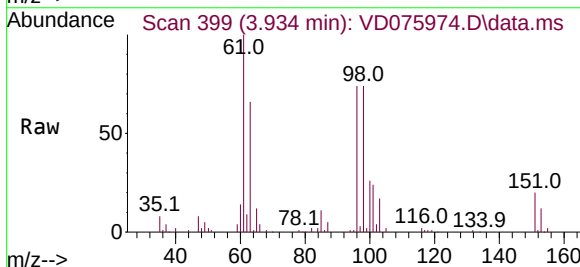
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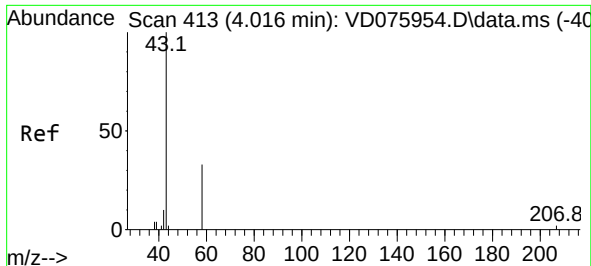
Tgt Ion:101 Resp: 129234
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.9 49.3
 151 74.6 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.082 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

Tgt Ion: 96 Resp: 118712
 Ion Ratio Lower Upper
 96 100
 61 134.3 92.6 172.0
 63 89.3 77.4 143.8





#13

Acetone

Concen: 56.790 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

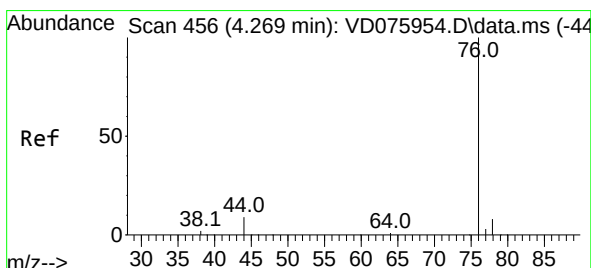
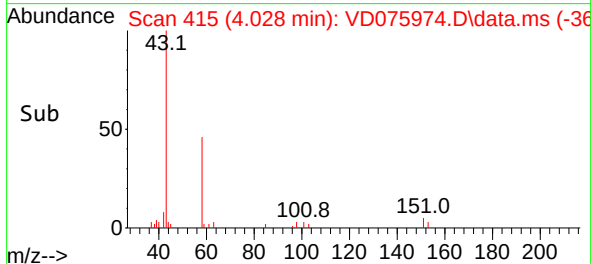
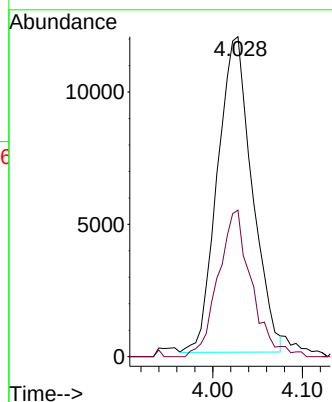
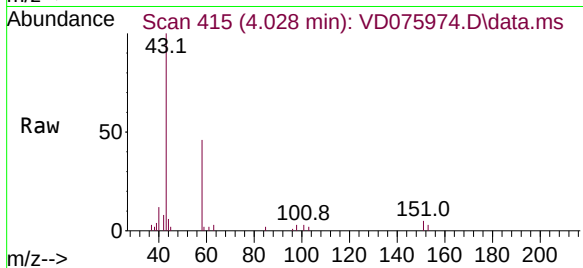
VSTD025145

Tgt Ion: 43 Resp: 32039

Ion Ratio Lower Upper

43 100

58 43.2 0.0 87.4



#14

Carbon disulfide

Concen: 25.291 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075974.D

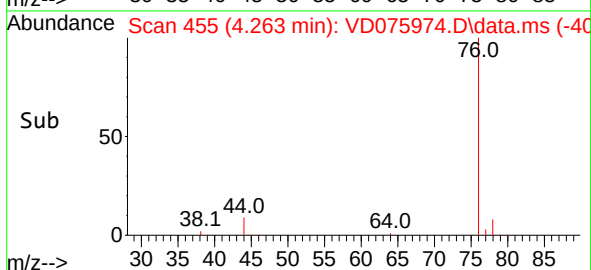
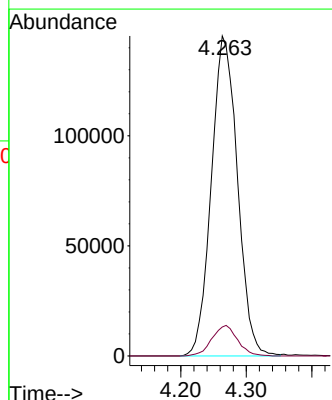
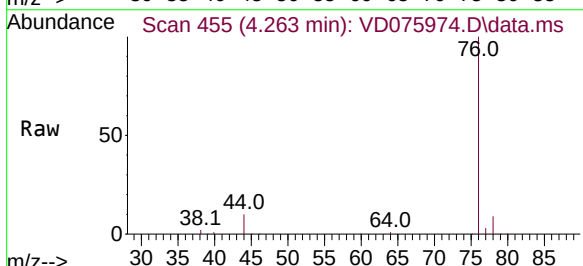
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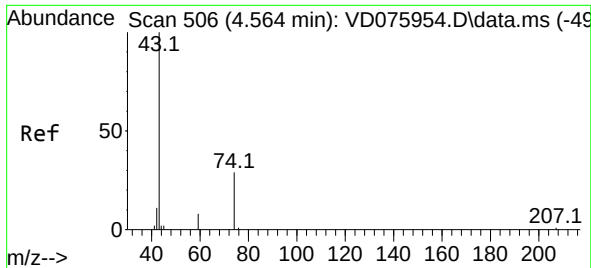
Tgt Ion: 76 Resp: 402076

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

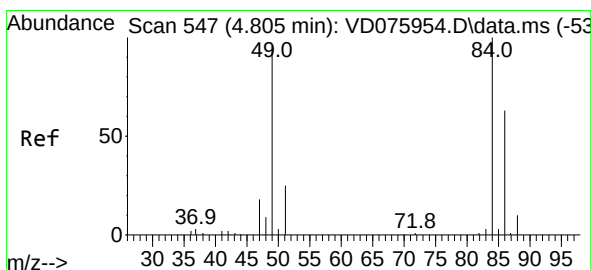
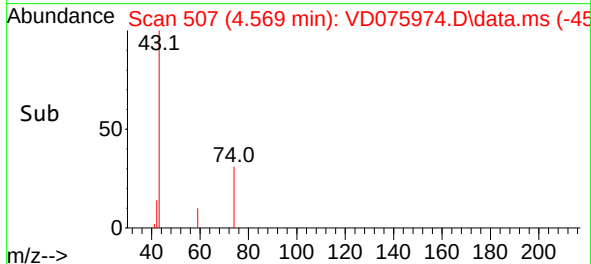
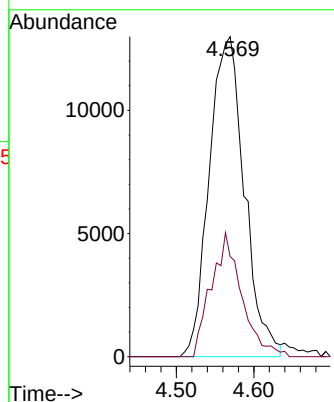
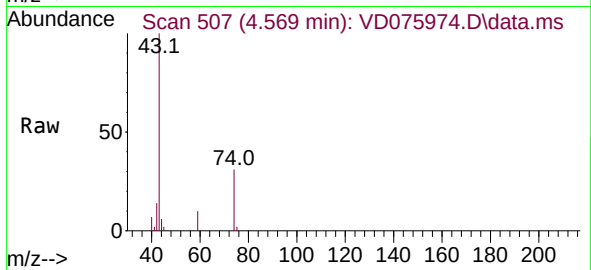




#15
Methyl Acetate
Concen: 33.499 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

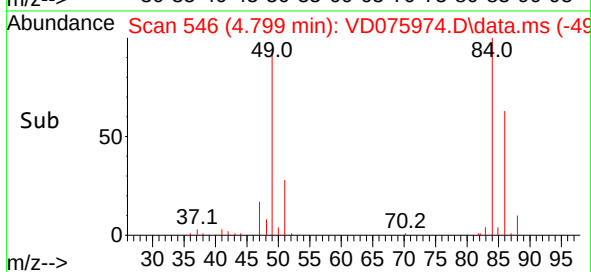
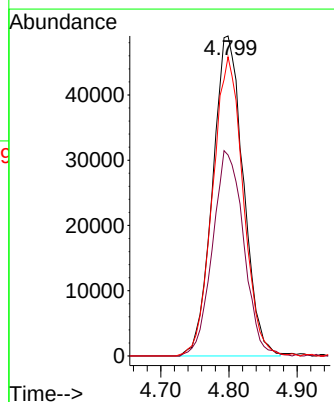
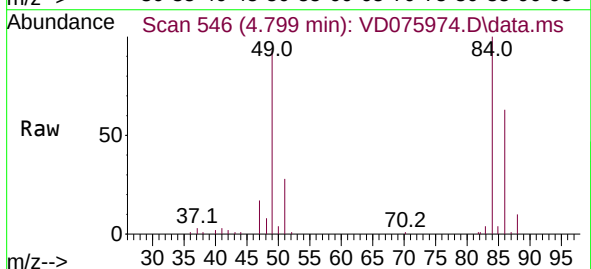
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

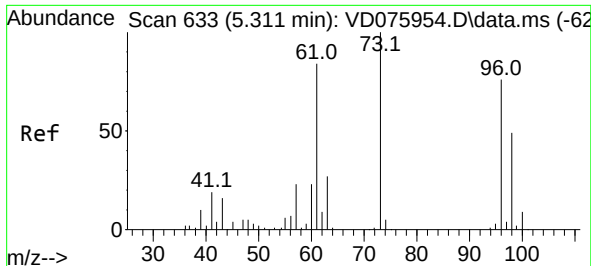
Tgt Ion: 43 Resp: 40959
Ion Ratio Lower Upper
43 100
74 32.7 12.8 19.2#



#16
Methylene chloride
Concen: 21.832 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 84 Resp: 153316
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 93.5 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.618 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

VSTD025145

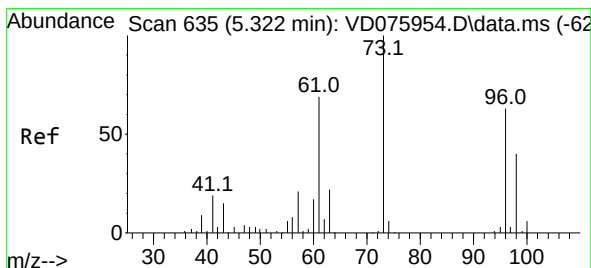
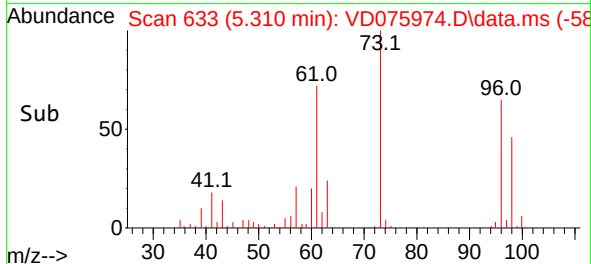
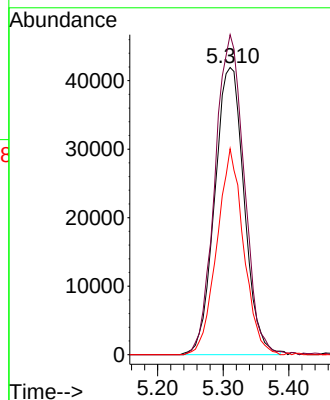
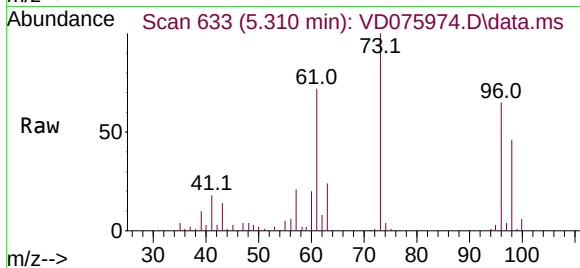
Tgt Ion: 96 Resp: 130744

Ion Ratio Lower Upper

96 100

61 111.4 72.9 135.5

98 71.7 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 28.881 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

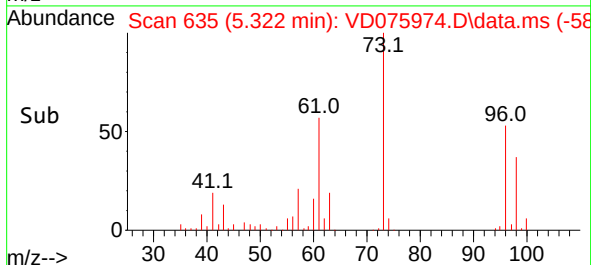
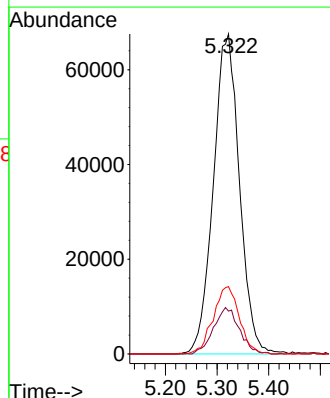
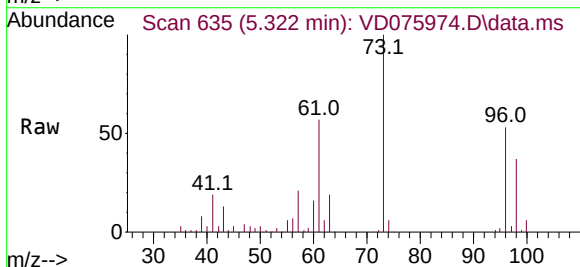
Tgt Ion: 73 Resp: 236439

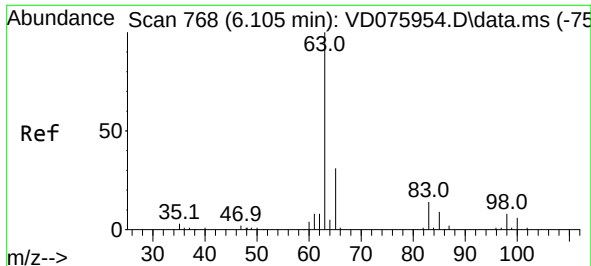
Ion Ratio Lower Upper

73 100

43 14.3 11.3 16.9

57 21.1 16.3 24.5





#19

1,1-Dichloroethane

Concen: 28.468 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

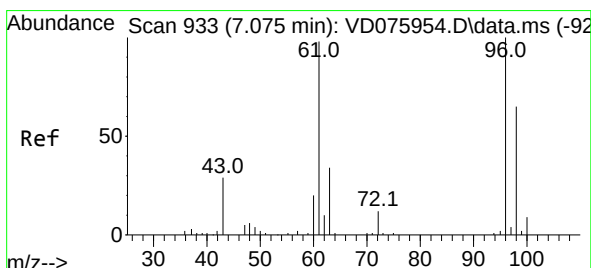
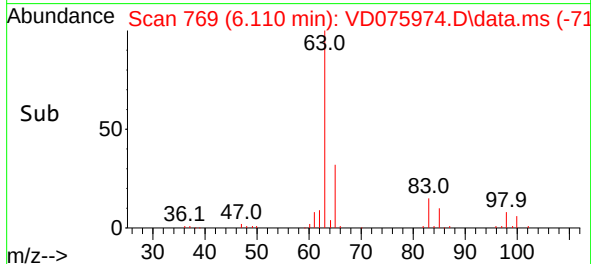
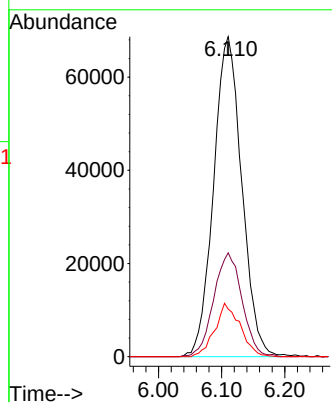
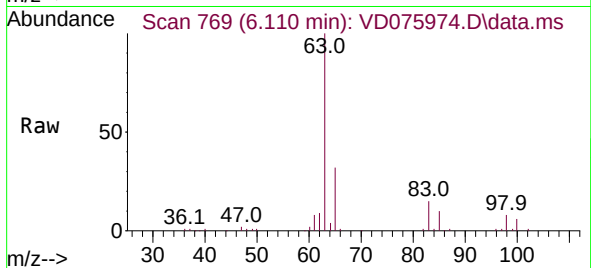
MSVOA_D

ClientSampleId :

VSTD025145

Tgt Ion: 63 Resp: 212846

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.8	42.4
83	14.9	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 27.361 ug/L

RT: 7.081 min Scan# 934

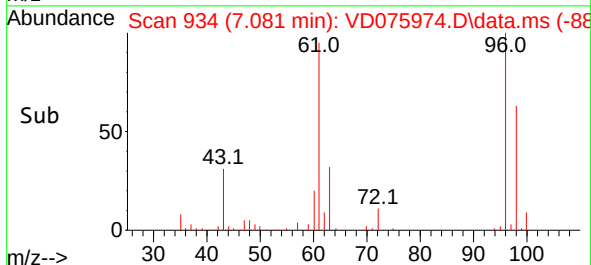
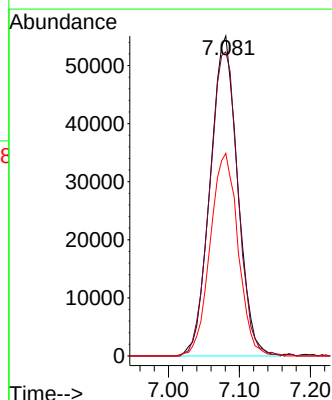
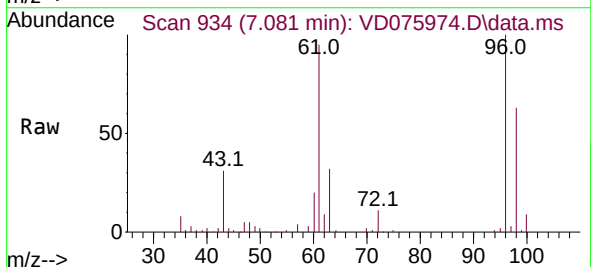
Delta R.T. 0.006 min

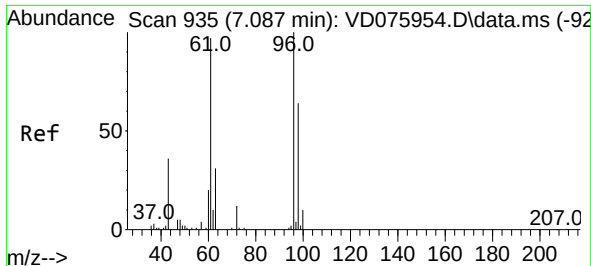
Lab File: VD075974.D

Acq: 02 May 2023 20:00

Tgt Ion: 96 Resp: 147657

Ion	Ratio	Lower	Upper
96	100		
61	95.0	67.5	125.3
98	63.3	47.5	88.1

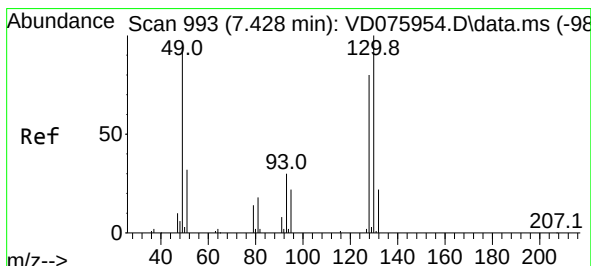
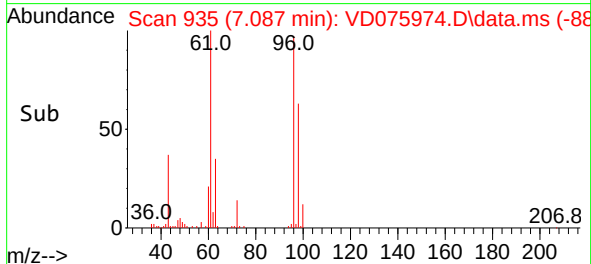
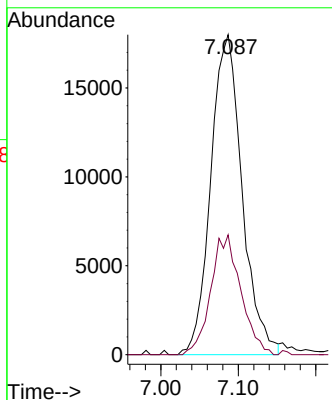
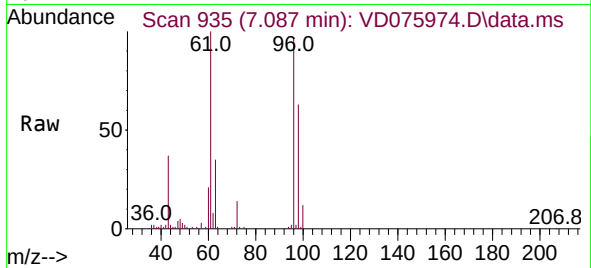




#22
2-Butanone
Concen: 68.829 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

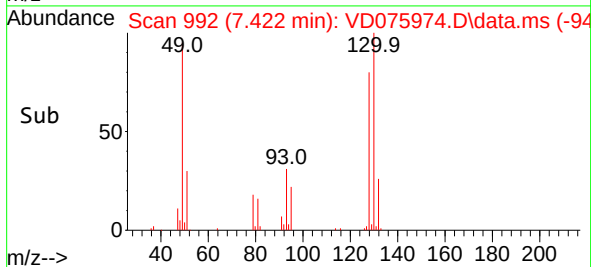
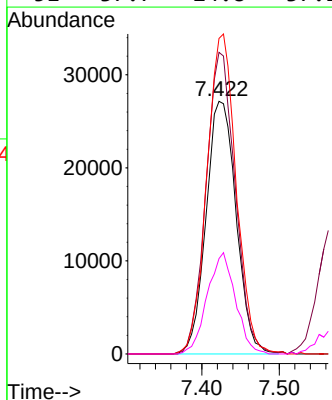
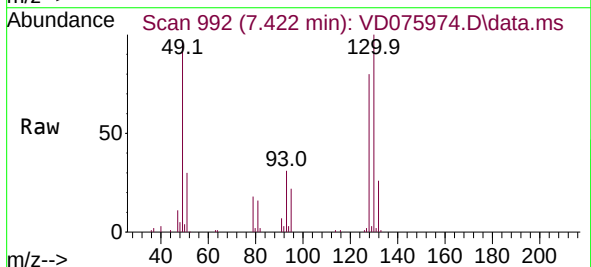
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

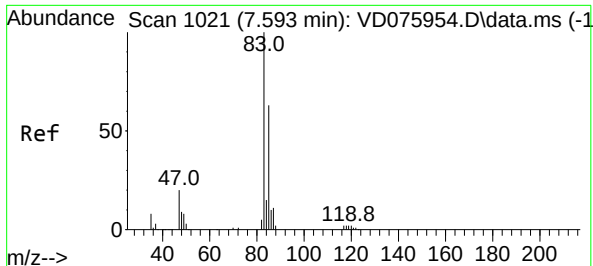
Tgt Ion: 43 Resp: 50624
Ion Ratio Lower Upper
43 100
72 35.9 20.5 61.5



#23
Bromochloromethane
Concen: 29.283 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 128 Resp: 73287
Ion Ratio Lower Upper
128 100
49 119.3 76.4 142.0
130 124.9 93.5 173.7
51 37.7 24.8 37.2#





#25

Chloroform

Concen: 27.639 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

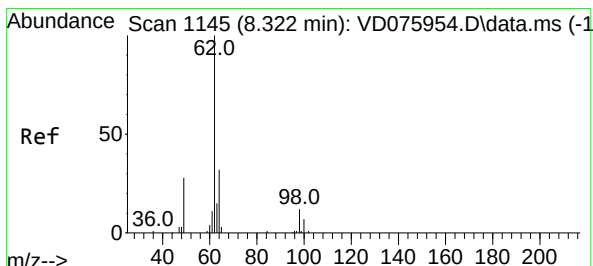
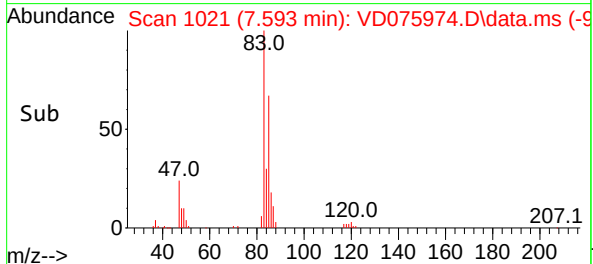
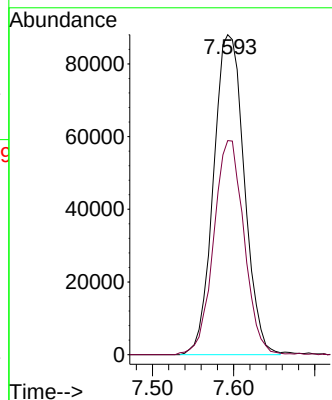
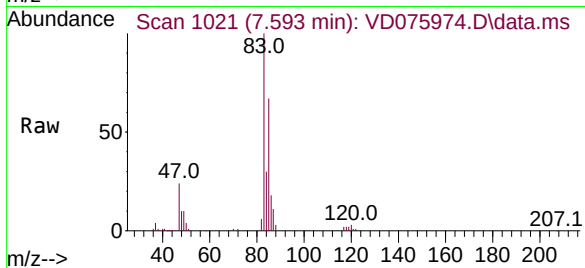
VSTD025145

Tgt Ion: 83 Resp: 231600

Ion Ratio Lower Upper

83 100

85 66.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 30.024 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075974.D

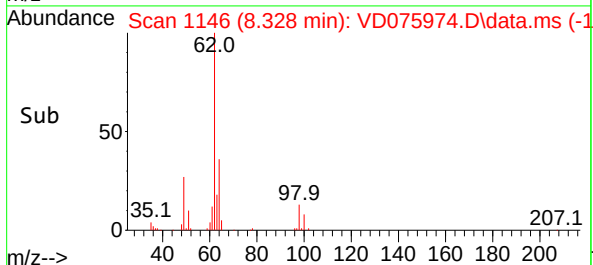
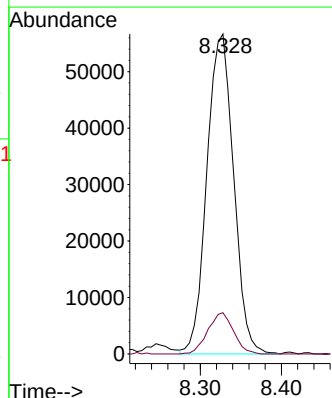
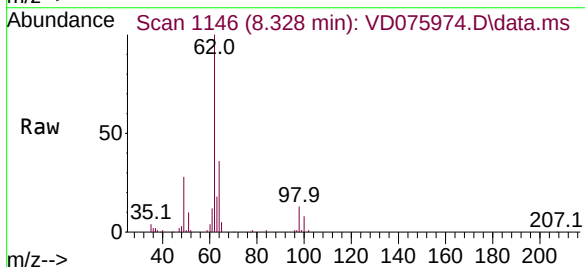
Acq: 02 May 2023 20:00

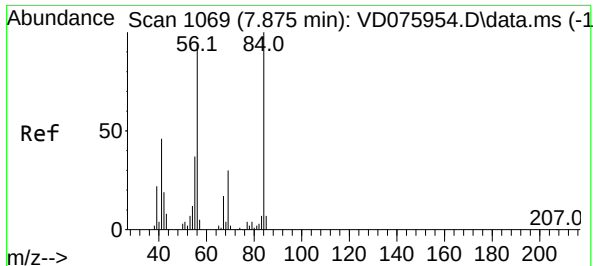
Tgt Ion: 62 Resp: 129862

Ion Ratio Lower Upper

62 100

98 12.9 10.2 15.2





#29

Cyclohexane

Concen: 27.460 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

VSTD025145

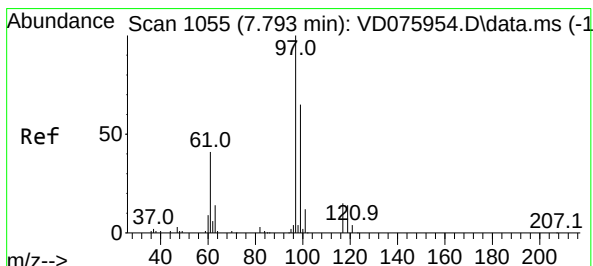
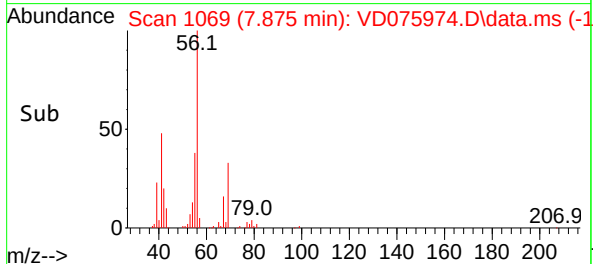
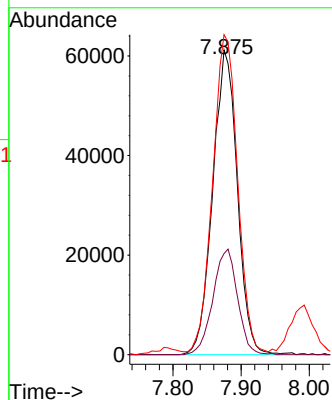
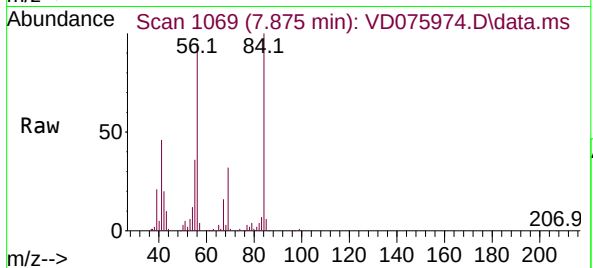
Tgt Ion: 56 Resp: 153505

Ion Ratio Lower Upper

56 100

69 34.6 28.2 42.2

84 106.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.129 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

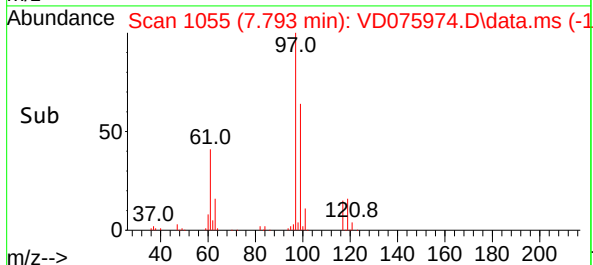
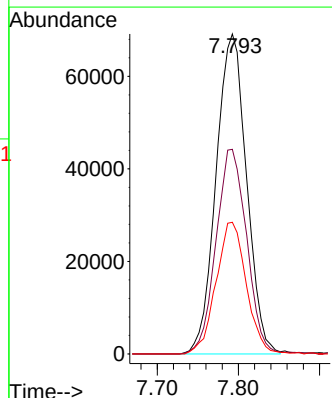
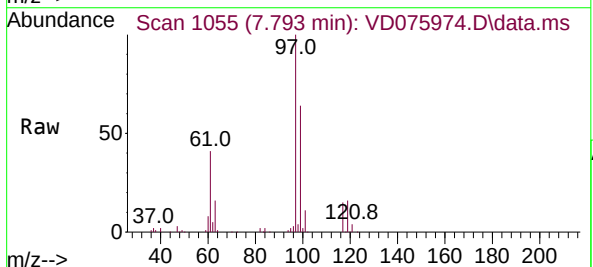
Tgt Ion: 97 Resp: 180521

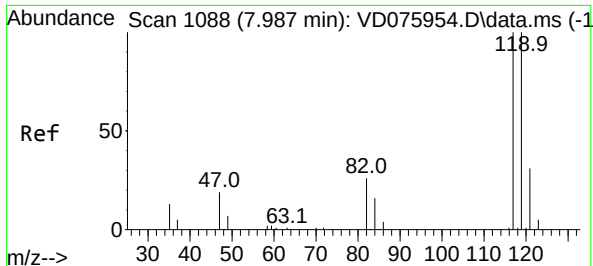
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 40.9 32.1 48.1

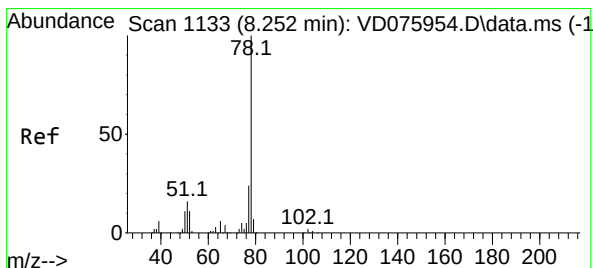
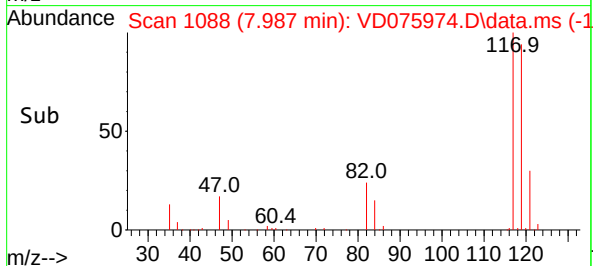
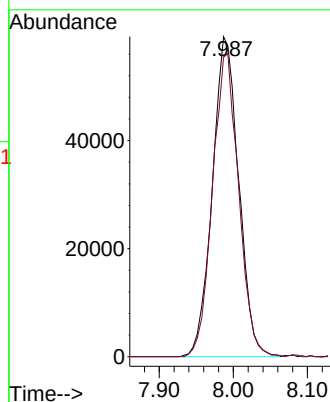
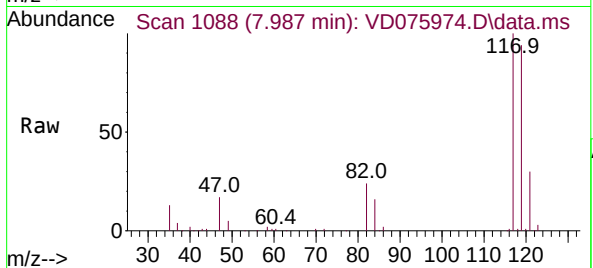




#31
Carbon tetrachloride
Concen: 26.323 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

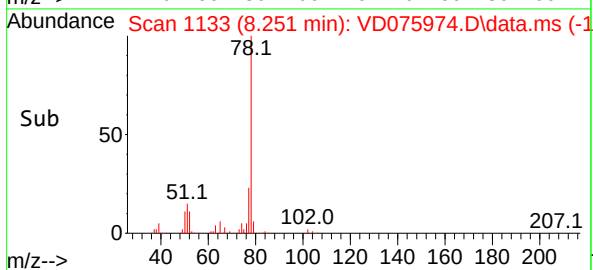
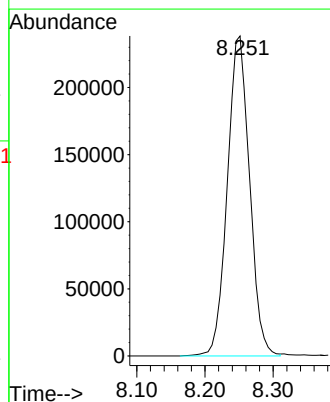
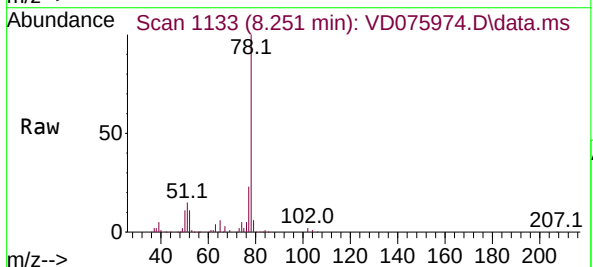
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

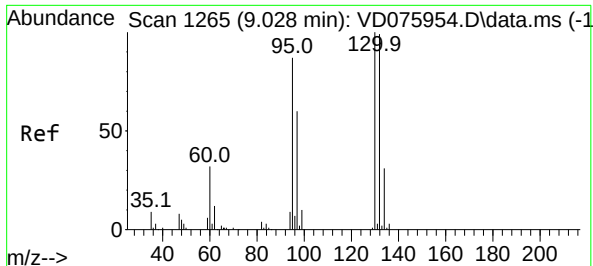
Tgt Ion:117 Resp: 145905
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4



#33
Benzene
Concen: 27.396 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 78 Resp: 541132



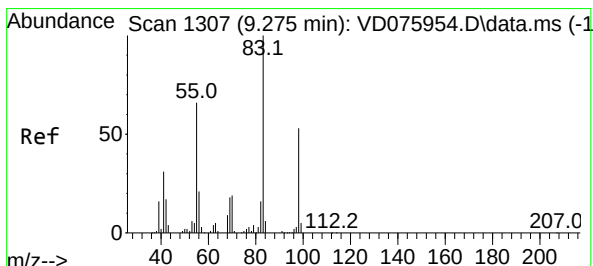
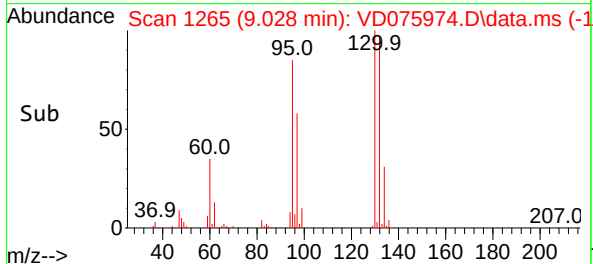
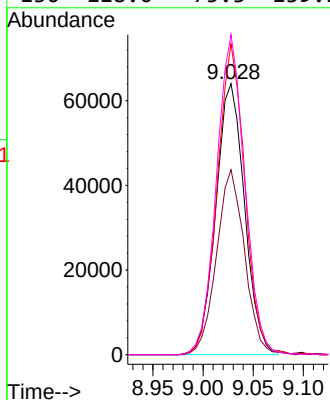
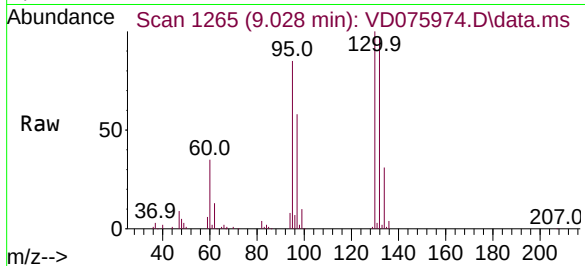


#34
Trichloroethene
Concen: 24.978 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

Tgt Ion: 95 Resp: 127589

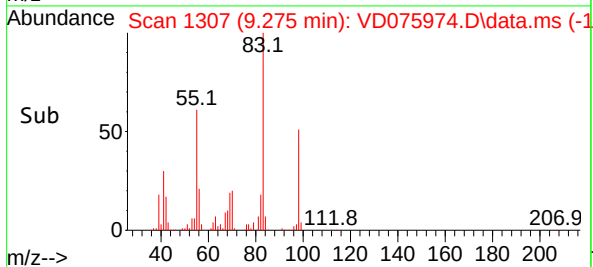
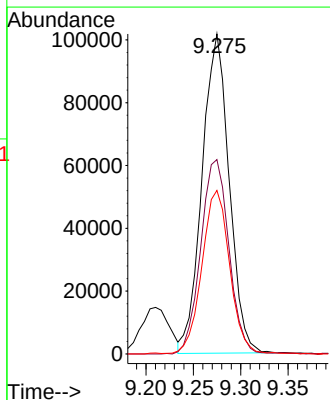
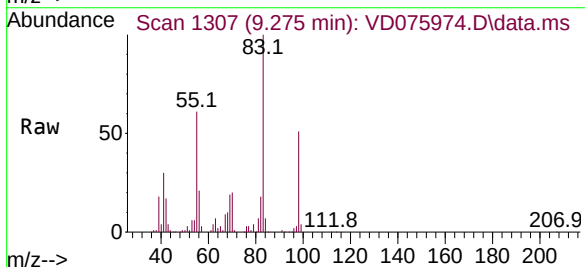
Ion	Ratio	Lower	Upper
95	100		
97	68.2	46.0	85.4
132	114.6	73.3	136.1
130	118.0	75.3	139.9

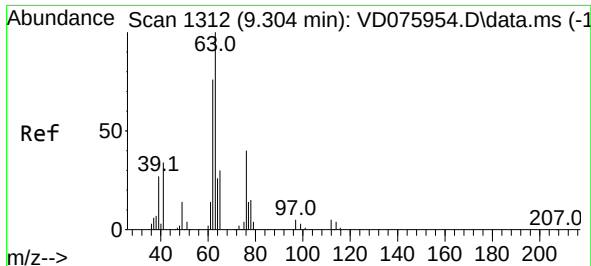


#35
Methylcyclohexane
Concen: 25.640 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 83 Resp: 201922

Ion	Ratio	Lower	Upper
83	100		
55	63.3	48.2	72.2
98	52.4	40.8	61.2





#37

1,2-Dichloropropane

Concen: 28.824 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

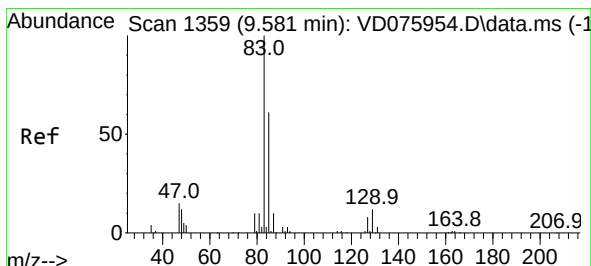
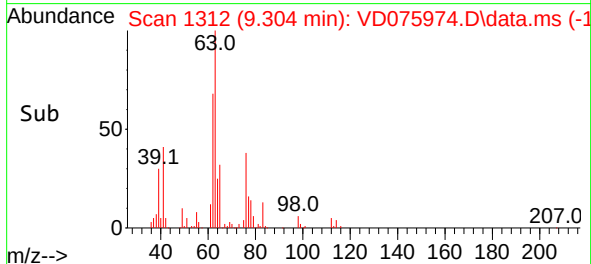
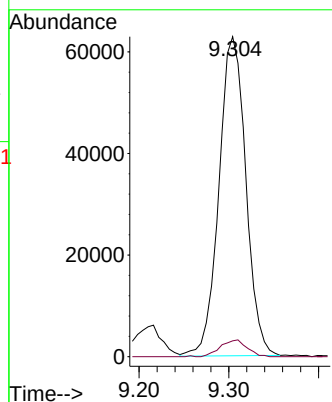
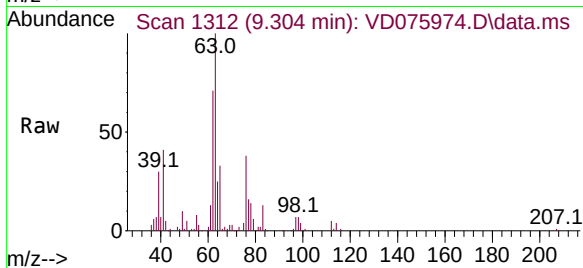
VSTD025145

Tgt Ion: 63 Resp: 130781

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 27.293 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

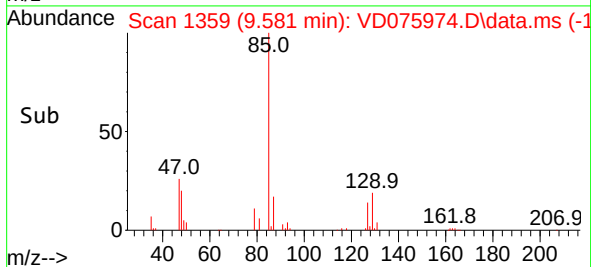
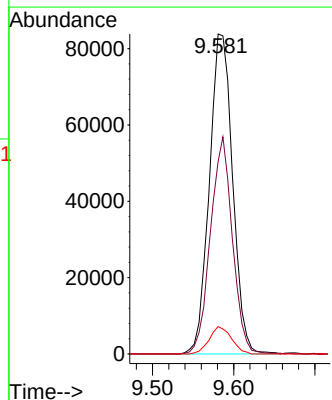
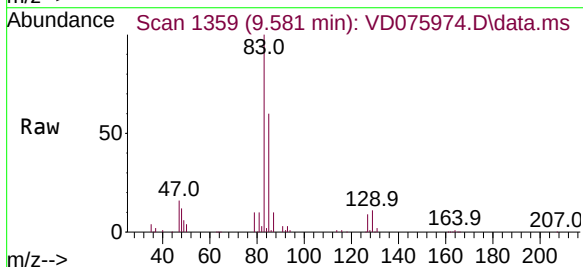
Tgt Ion: 83 Resp: 166975

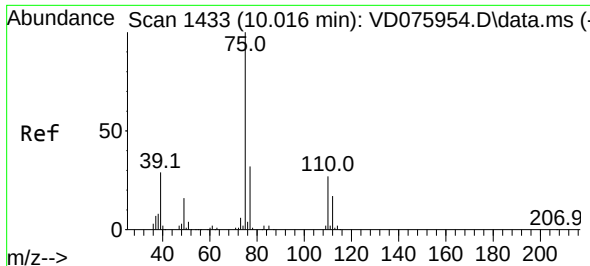
Ion Ratio Lower Upper

83 100

85 60.2 44.2 82.2

127 8.5 6.3 9.5

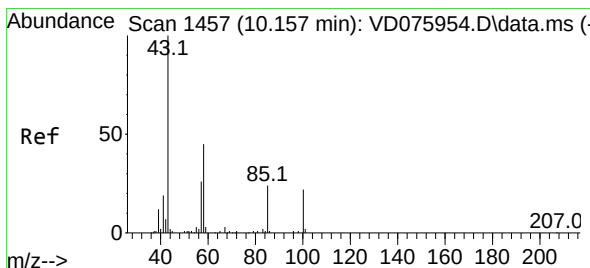
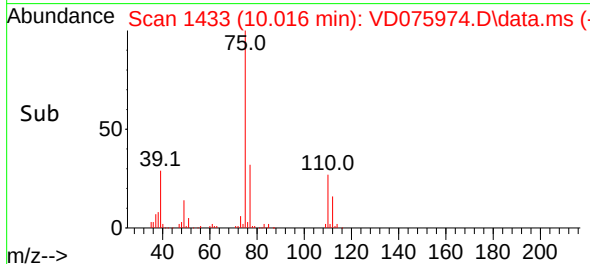
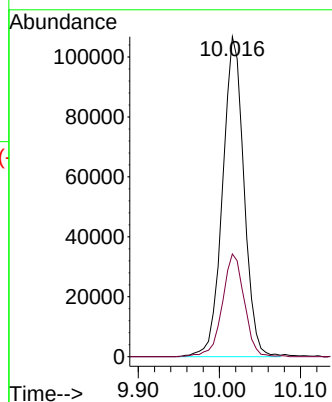
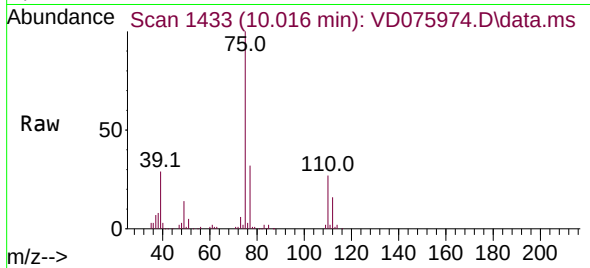




#39
 cis-1,3-Dichloropropene
 Concen: 27.099 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

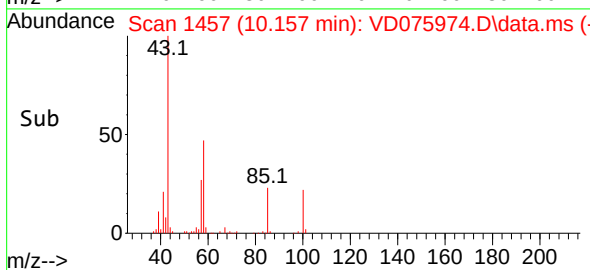
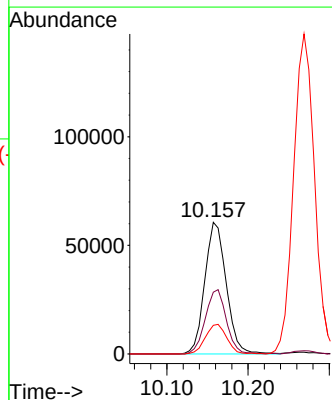
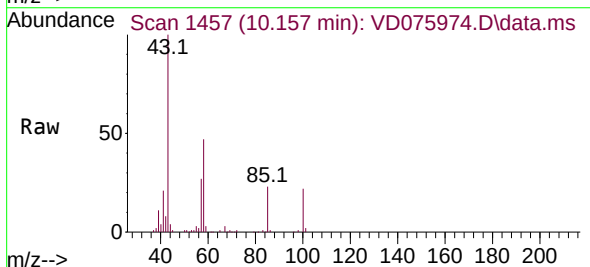
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025145

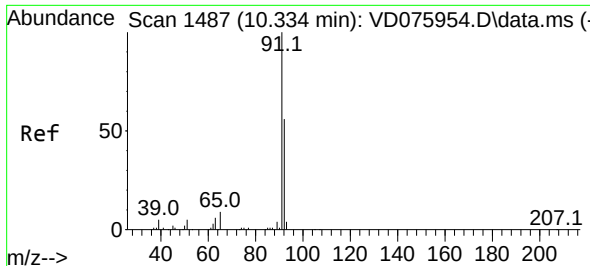
Tgt Ion: 75 Resp: 195543
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 67.395 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

Tgt Ion: 43 Resp: 111489
 Ion Ratio Lower Upper
 43 100
 58 47.7 39.1 58.7
 100 22.1 19.4 29.0

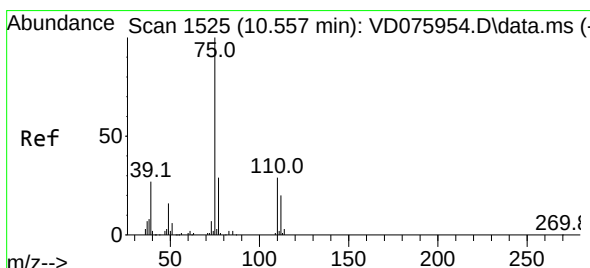
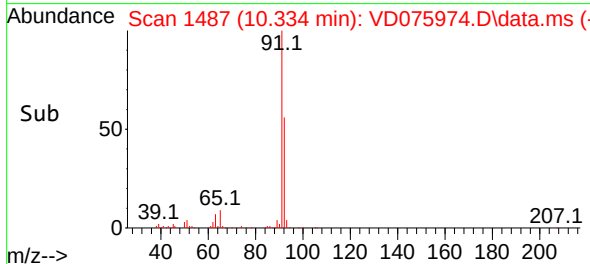
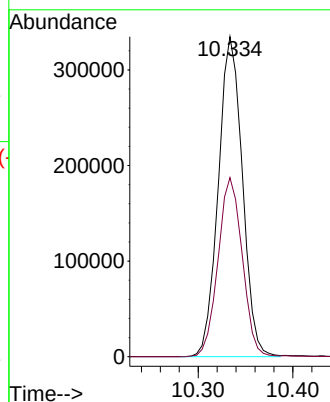
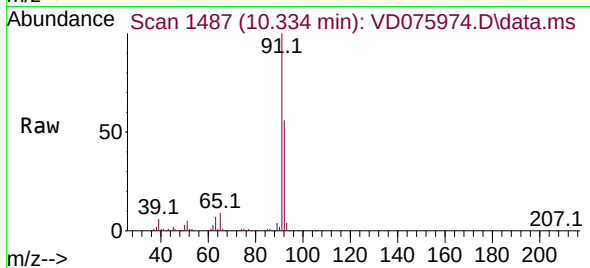




#42
Toluene
Concen: 27.682 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

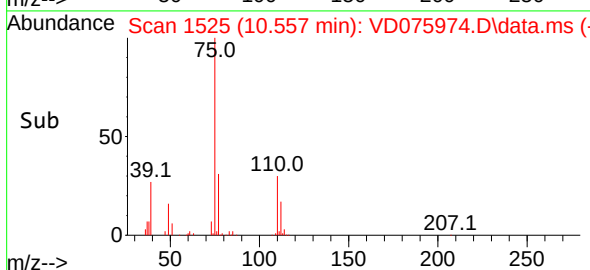
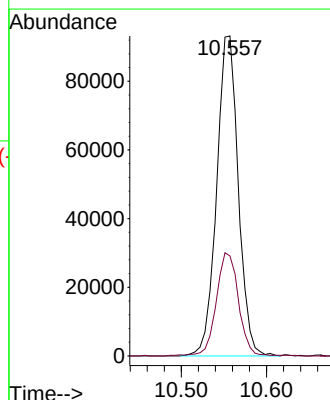
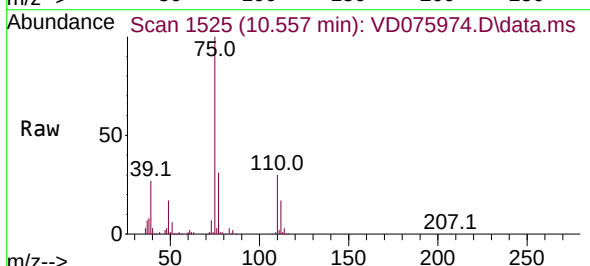
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

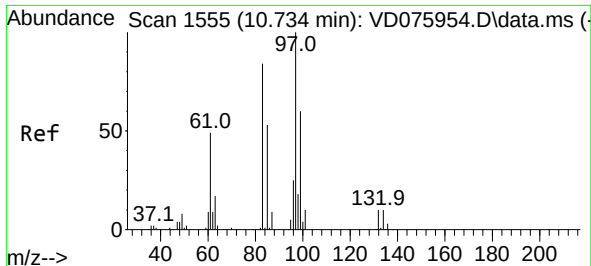
Tgt Ion: 91 Resp: 591708
Ion Ratio Lower Upper
91 100
92 55.9 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 28.409 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 75 Resp: 164678
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

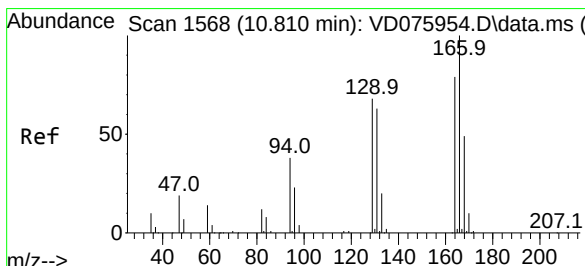
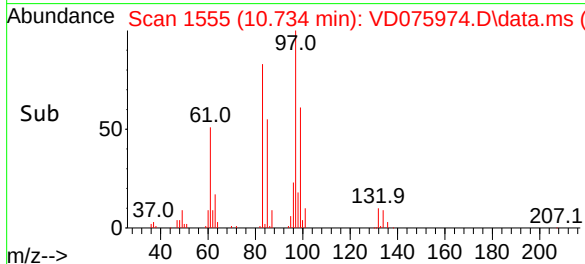
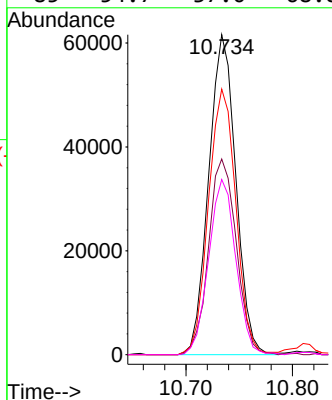
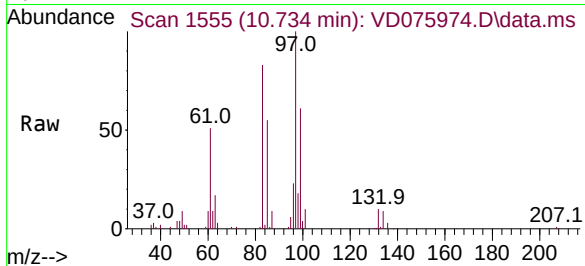




#45
1,1,2-Trichloroethane
Concen: 28.196 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

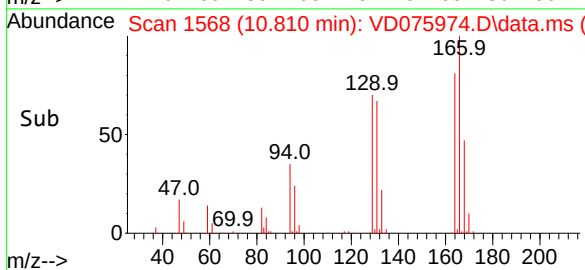
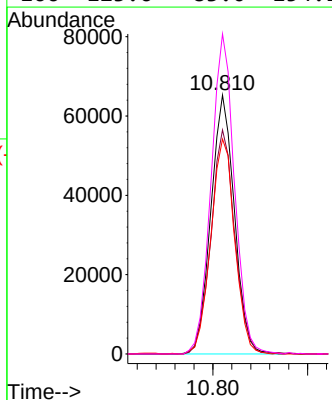
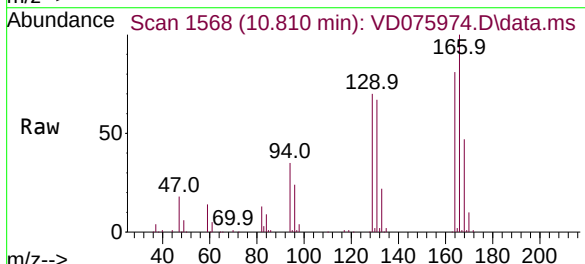
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

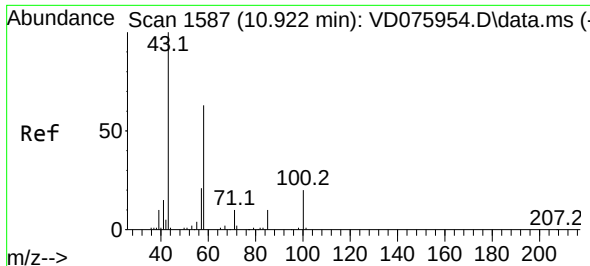
Tgt Ion: 97	Resp: 108836
Ion Ratio	Lower Upper
97 100	
99 61.2	42.2 78.4
83 83.0	54.8 101.8
85 54.7	37.0 68.8



#46
Tetrachloroethene
Concen: 26.832 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt	Ion:164	Resp:	112416
Ion	Ratio	Lower	Upper
164	100		
129	86.5	60.3	112.1
131	83.0	58.9	109.3
166	123.6	83.0	154.1

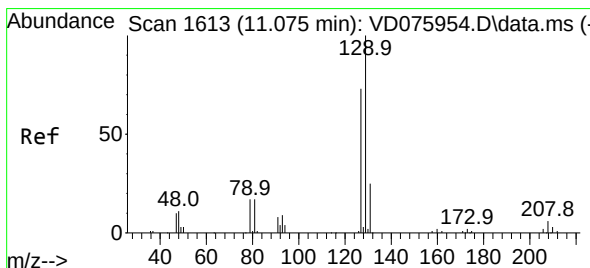
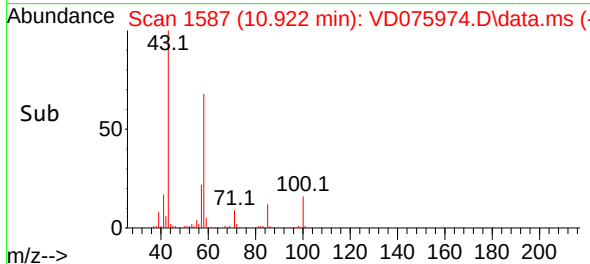
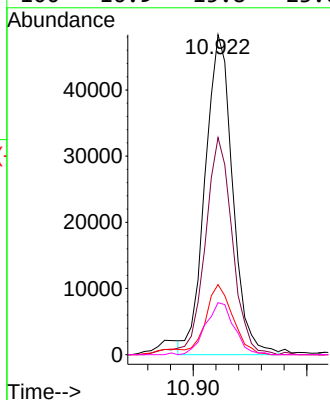
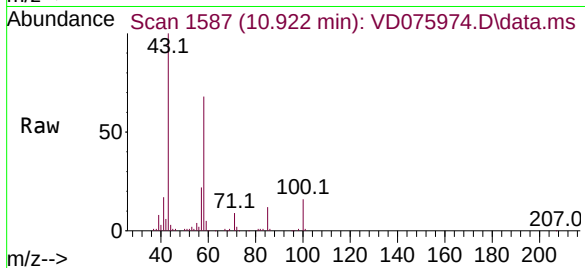




#48
2-Hexanone
Concen: 69.833 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

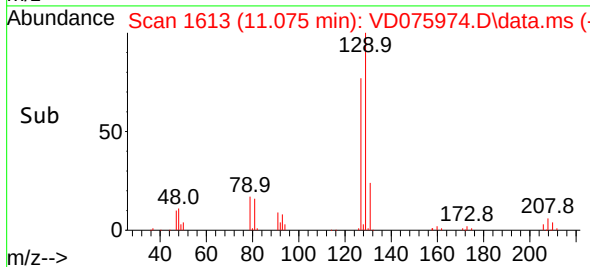
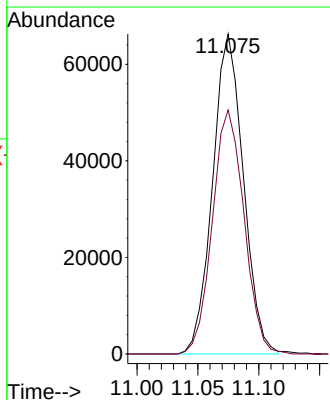
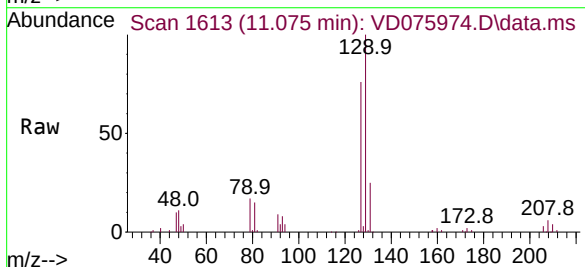
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

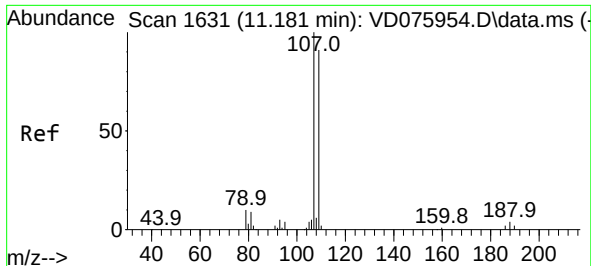
Tgt Ion: 43	Resp: 81440
Ion Ratio	Lower Upper
43 100	
58 67.6	59.7 89.5
57 21.4	17.9 26.9
100 16.9	15.8 23.6



#49
Dibromochloromethane
Concen: 27.725 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:129	Resp: 116505
Ion Ratio	Lower Upper
129 100	
127 76.2	55.6 103.4

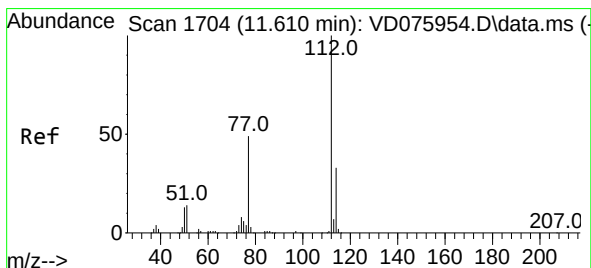
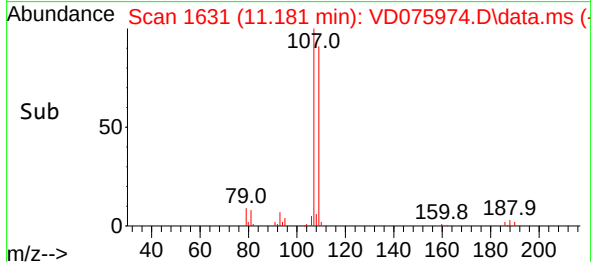
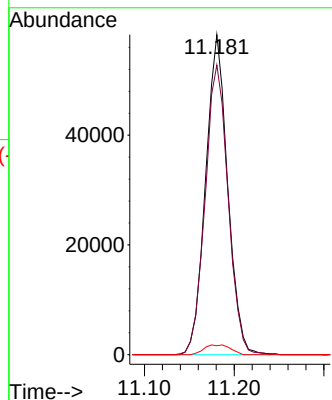
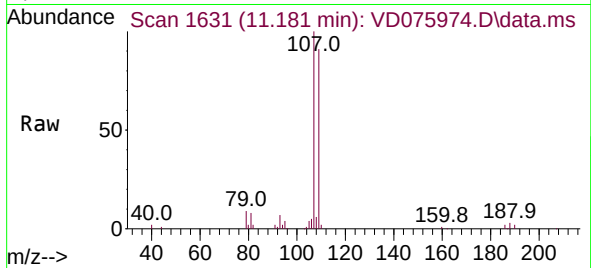




#50
1,2-Dibromoethane
Concen: 28.619 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

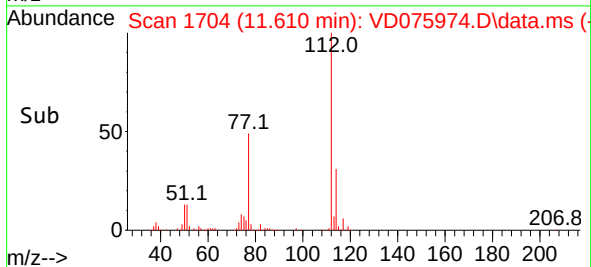
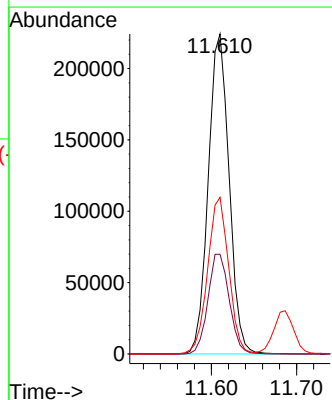
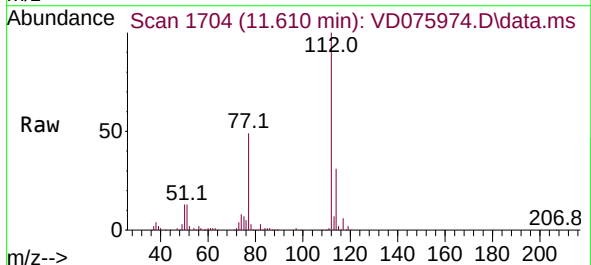
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

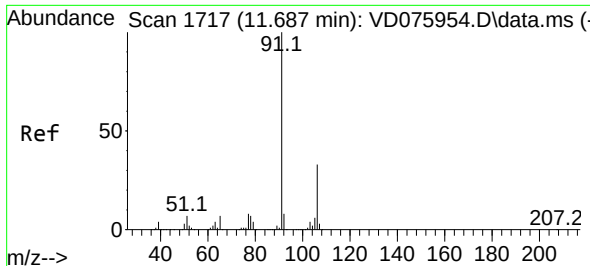
Tgt Ion:107 Resp: 99595
Ion Ratio Lower Upper
107 100
109 90.5 67.6 125.6
188 2.8 3.0 4.6#



#51
Chlorobenzene
Concen: 27.235 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:112 Resp: 380846
Ion Ratio Lower Upper
112 100
114 31.2 23.0 42.8
77 48.9 39.7 59.5

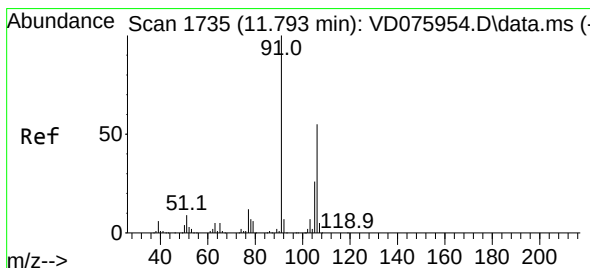
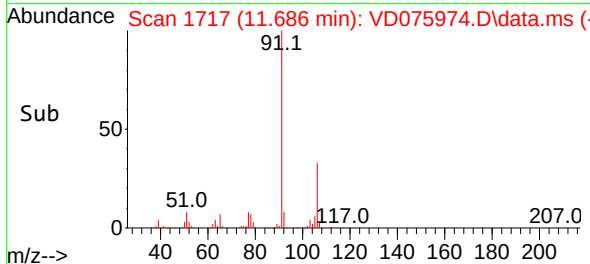
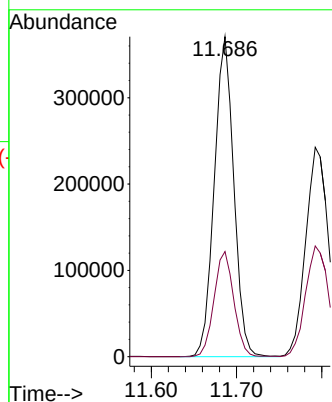
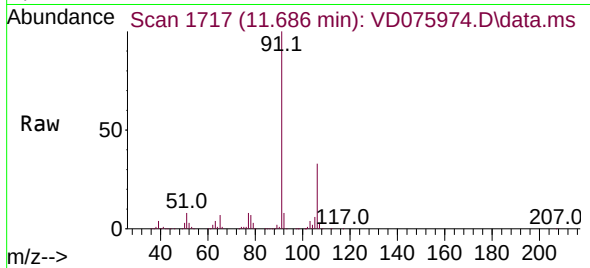




#52
Ethylbenzene
Concen: 26.933 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

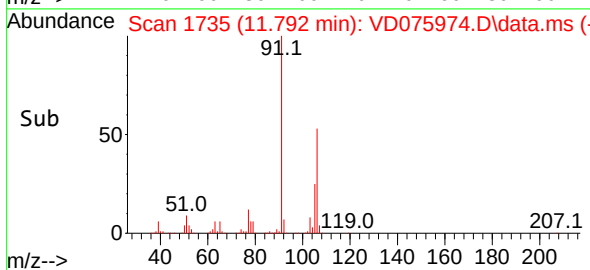
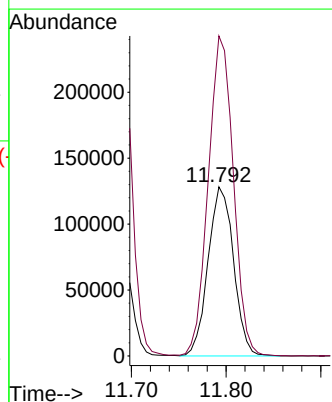
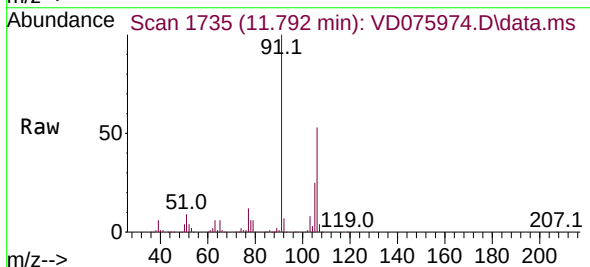
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

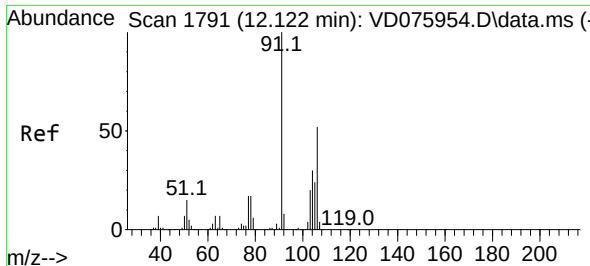
Tgt Ion: 91 Resp: 590344
Ion Ratio Lower Upper
91 100
106 32.8 23.7 43.9



#53
m,p-Xylene
Concen: 27.457 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 106 Resp: 239641
Ion Ratio Lower Upper
106 100
91 189.2 130.9 243.1

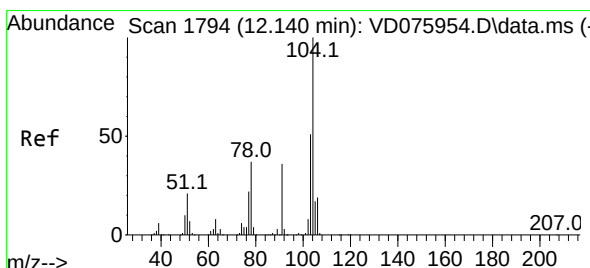
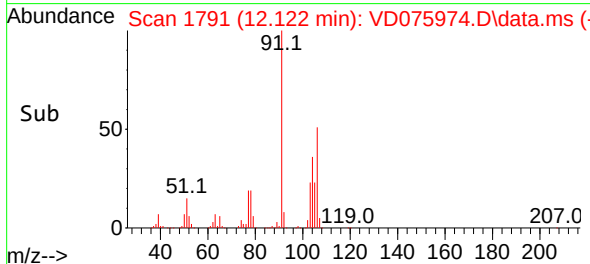
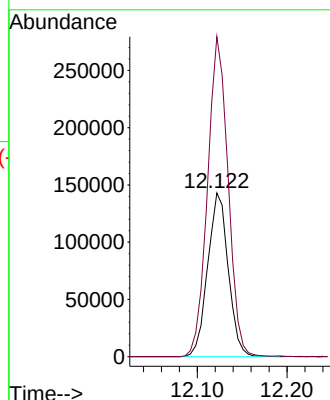
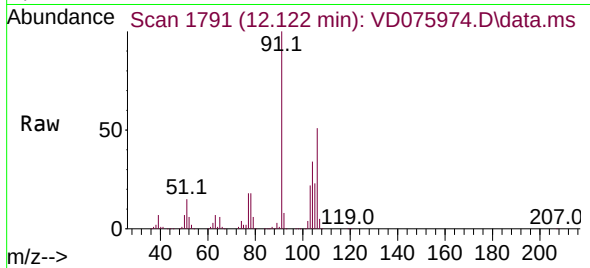




#54
o-Xylene
Concen: 27.455 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

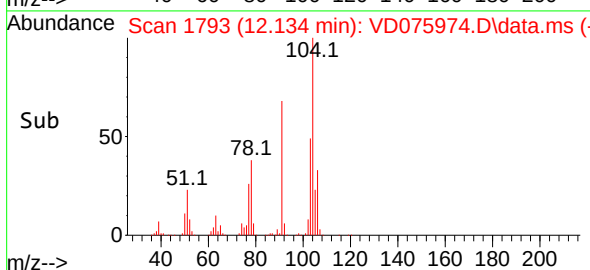
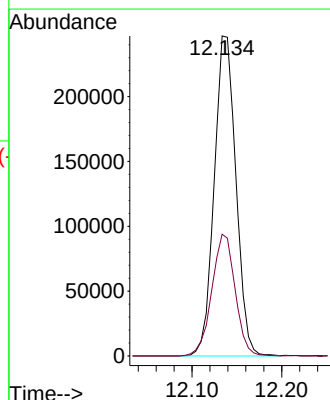
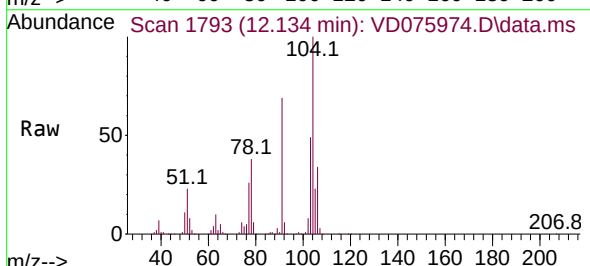
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

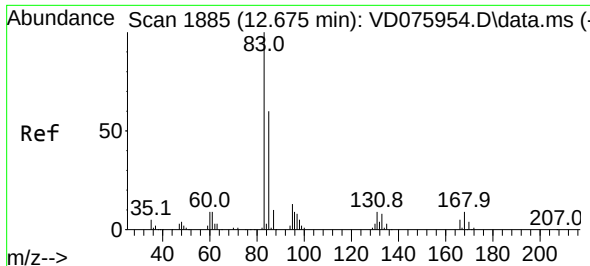
Tgt Ion:106 Resp: 227595
Ion Ratio Lower Upper
106 100
91 195.5 139.8 259.6



#55
Styrene
Concen: 28.771 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:104 Resp: 415107
Ion Ratio Lower Upper
104 100
78 38.0 26.2 48.6

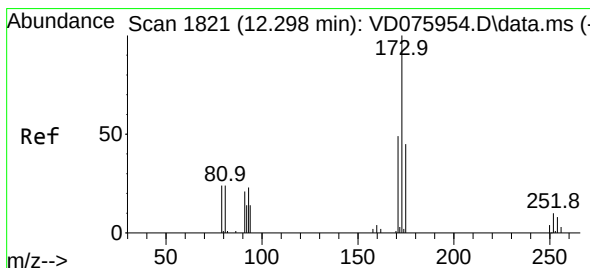
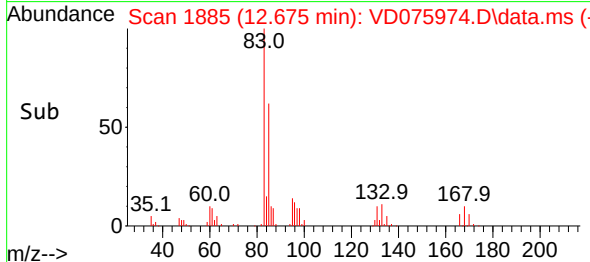
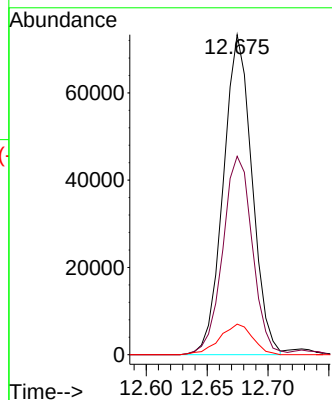
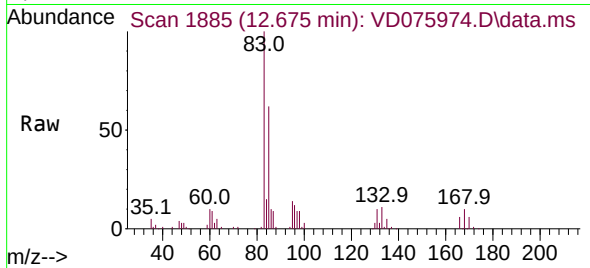




#57
1,1,2-Tetrachloroethane
Concen: 30.683 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

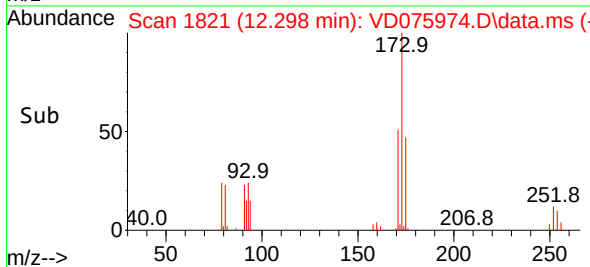
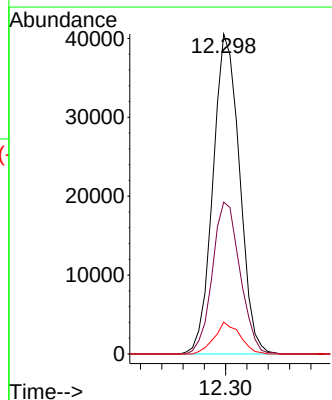
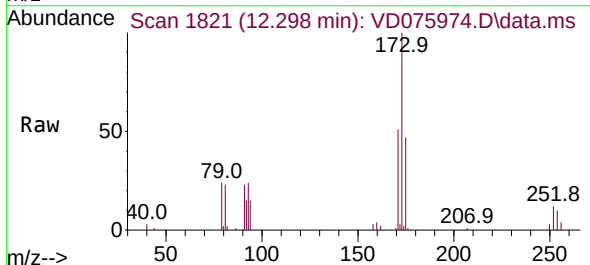
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

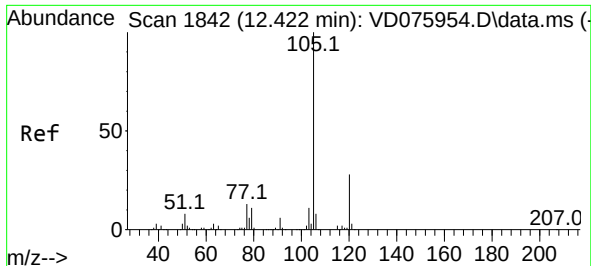
Tgt Ion: 83 Resp: 120505
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7
131 9.6 7.0 10.6



#59
Bromoform
Concen: 27.216 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 173 Resp: 70270
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.0
254 9.6 7.4 11.2

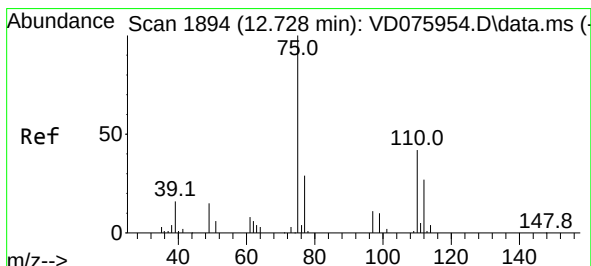
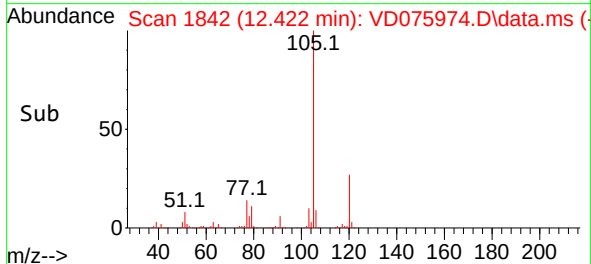
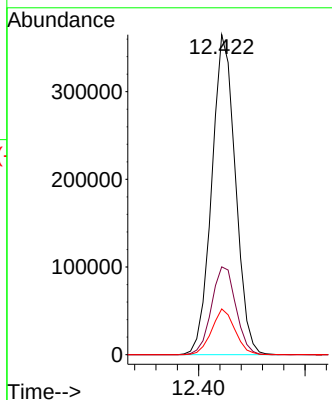
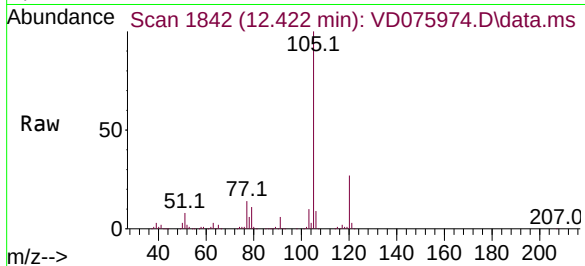




#60
Isopropylbenzene
Concen: 25.128 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

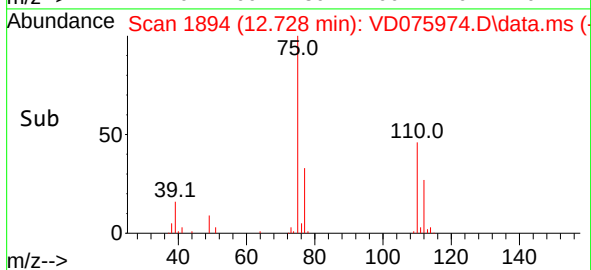
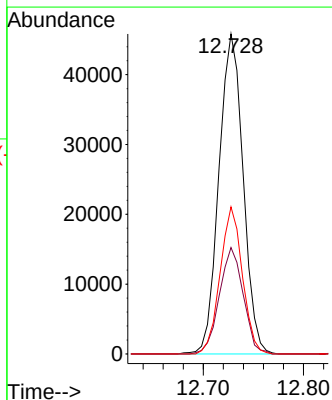
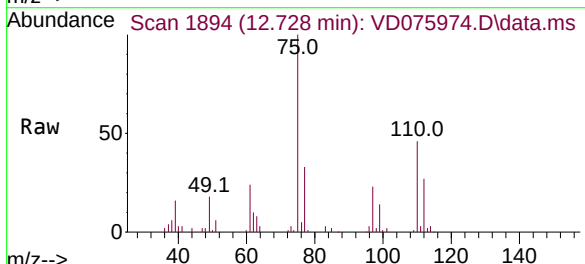
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

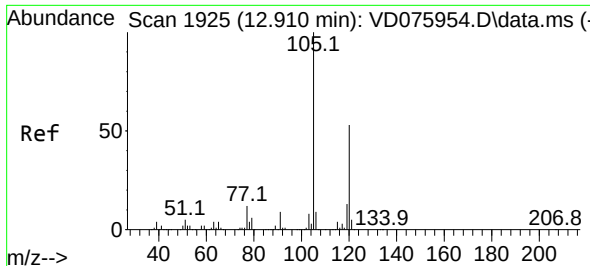
Tgt Ion:105 Resp: 561306
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
77 14.1 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 28.996 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion: 75 Resp: 76735
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 42.3 33.5 50.3

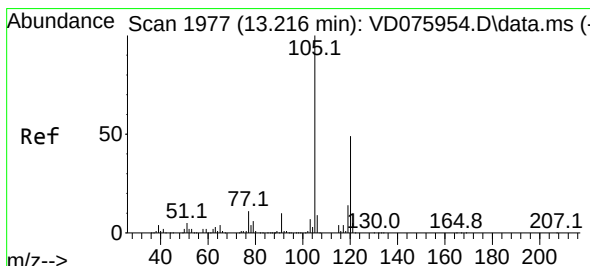
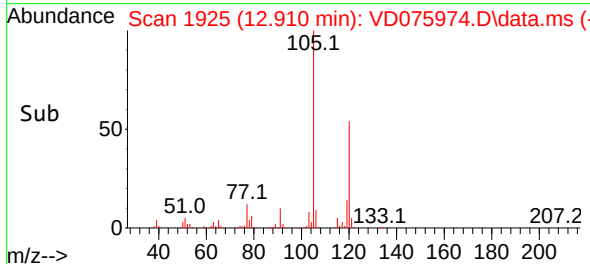
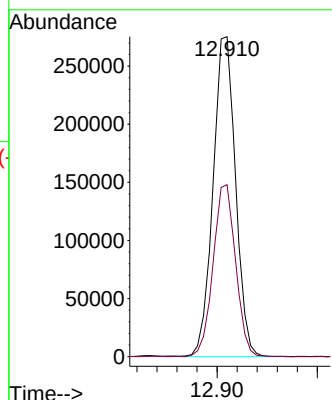
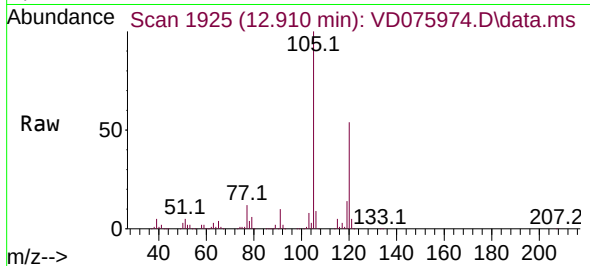




#62
1,3,5-Trimethylbenzene
Concen: 25.767 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

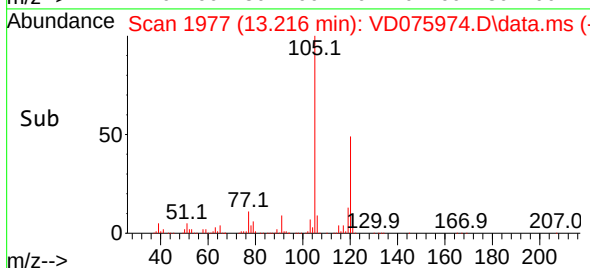
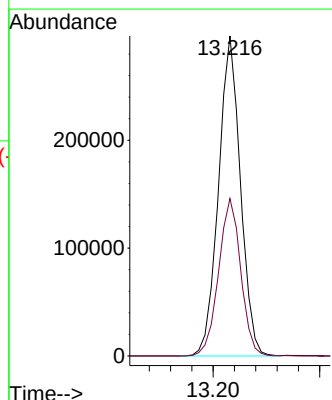
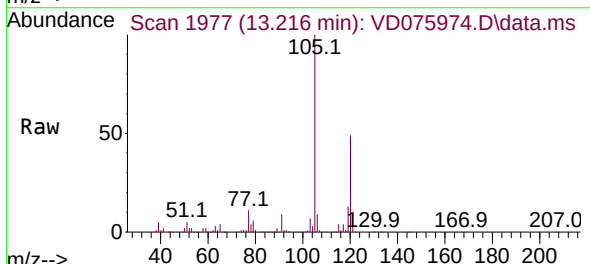
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

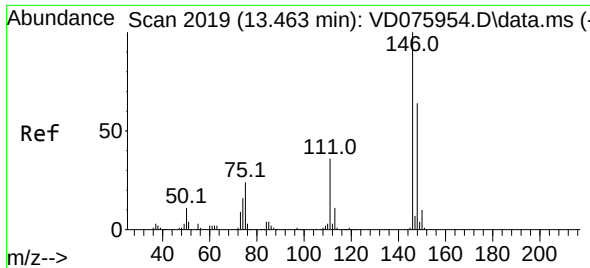
Tgt Ion:105 Resp: 429198
Ion Ratio Lower Upper
105 100
120 53.6 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 26.352 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:105 Resp: 423132
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6

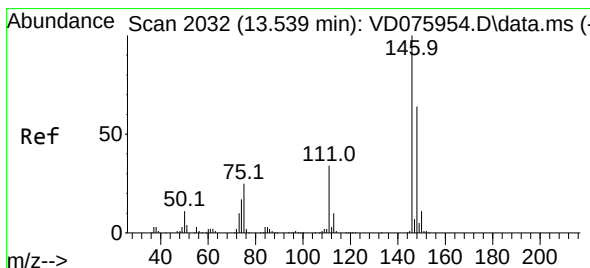
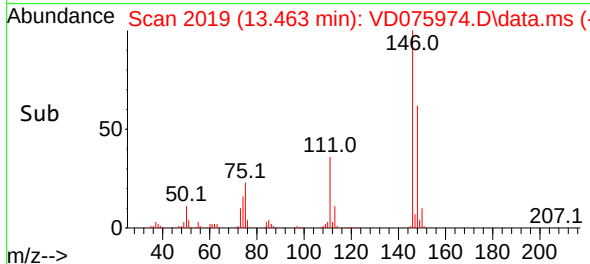
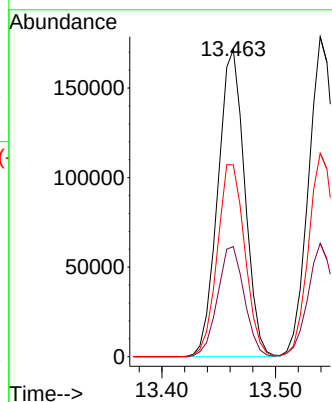
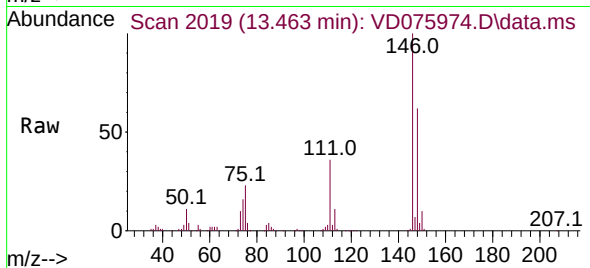




#64
1,3-Dichlorobenzene
Concen: 26.403 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

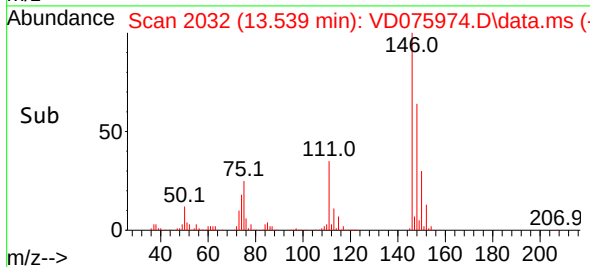
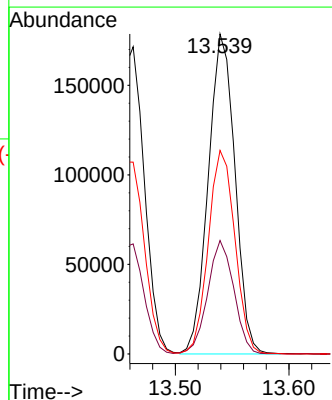
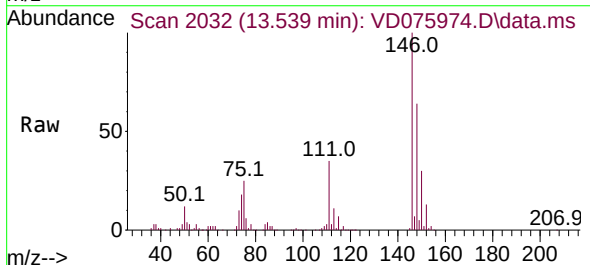
Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

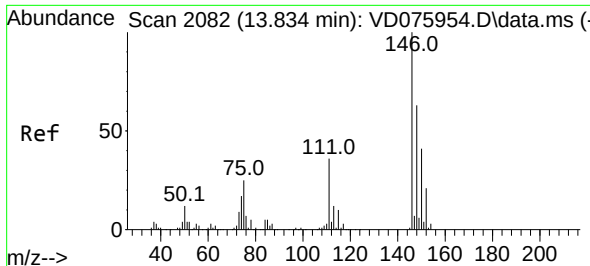
Tgt Ion:146 Resp: 282197
Ion Ratio Lower Upper
146 100
111 35.8 26.5 49.1
148 62.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 26.058 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:146 Resp: 292297
Ion Ratio Lower Upper
146 100
111 35.4 24.6 45.8
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.673 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

Instrument :

MSVOA_D

ClientSampleId :

VSTD025145

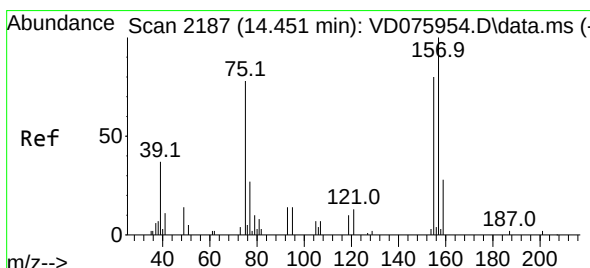
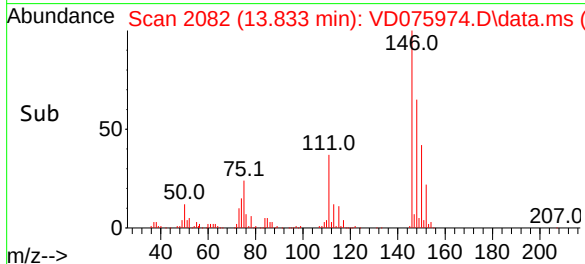
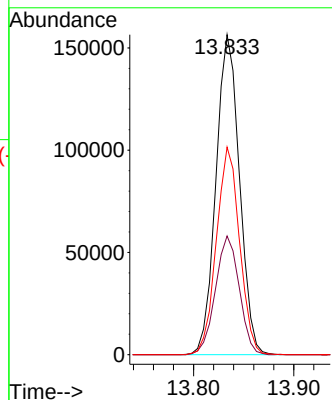
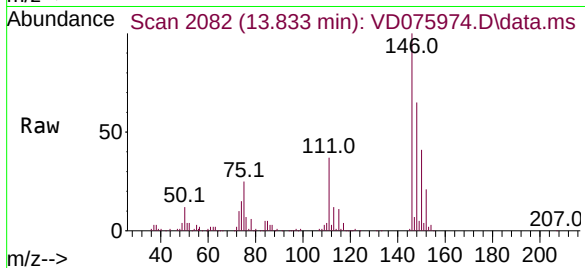
Tgt Ion:146 Resp: 254591

Ion Ratio Lower Upper

146 100

111 37.1 30.6 46.0

148 64.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.048 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075974.D

Acq: 02 May 2023 20:00

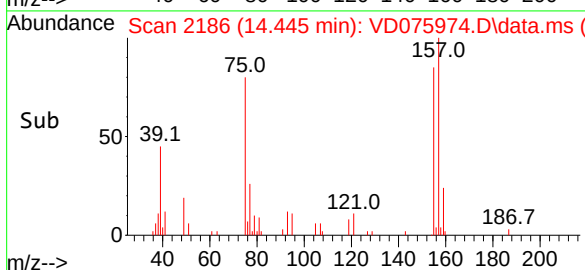
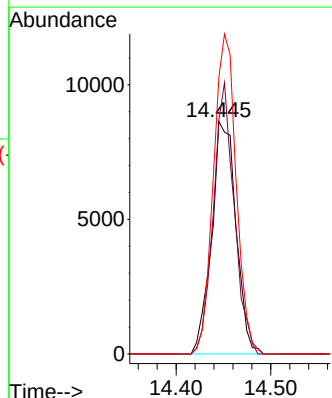
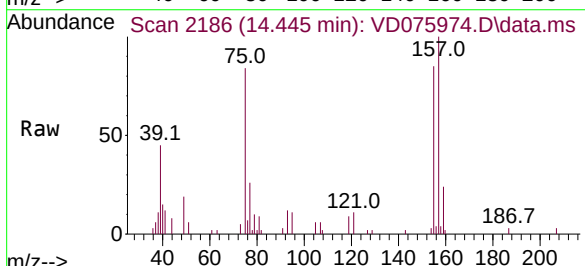
Tgt Ion: 75 Resp: 15368

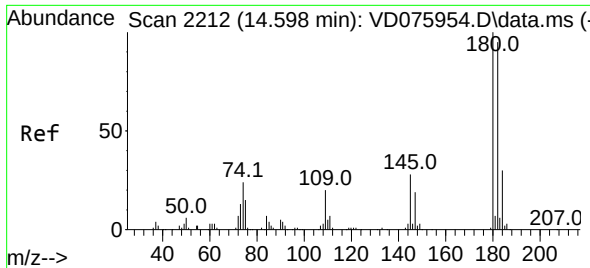
Ion Ratio Lower Upper

75 100

155 100.8 74.6 111.8

157 119.2 109.4 164.2

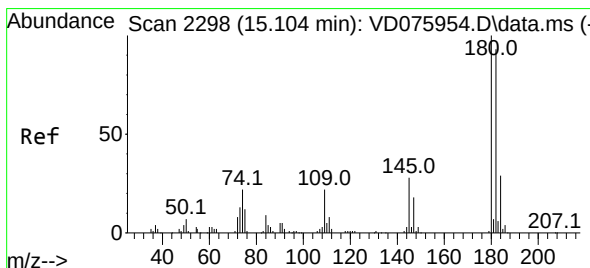
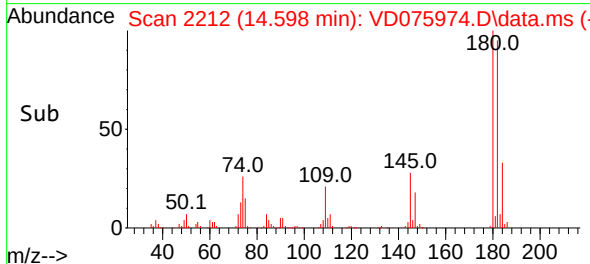
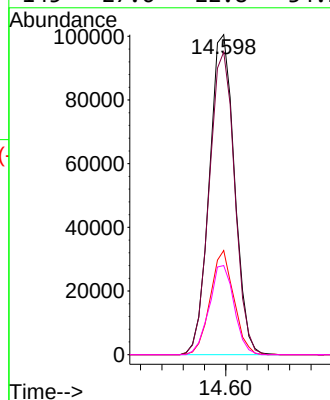
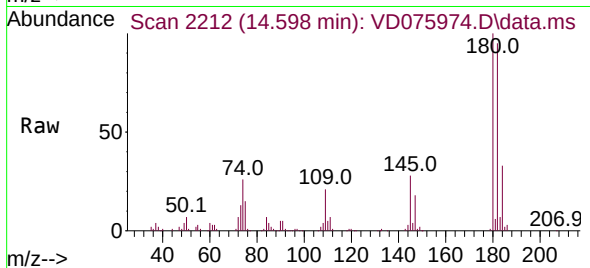




#69
 1,3,5-Trichlorobenzene
 Concen: 22.995 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

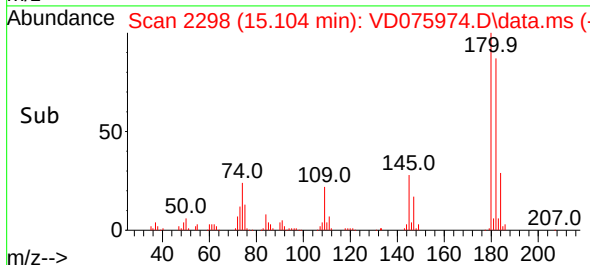
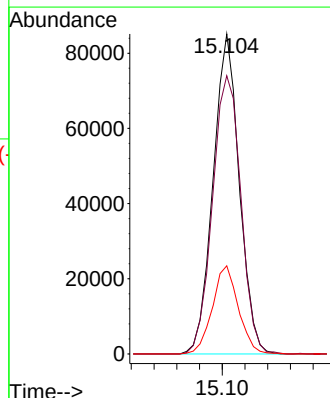
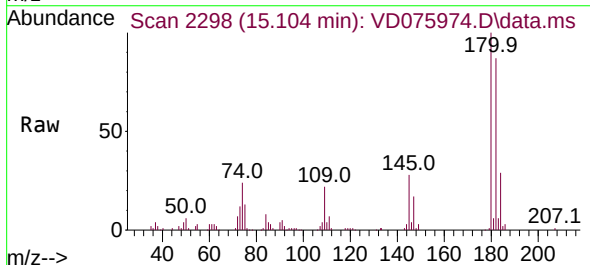
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025145

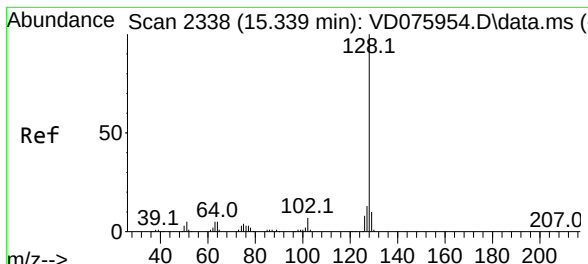
Tgt Ion:180 Resp: 164732
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.9 112.3
 184 30.4 25.0 37.4
 145 27.6 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 22.955 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075974.D
 Acq: 02 May 2023 20:00

Tgt Ion:180 Resp: 136280
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.4 113.2
 145 27.4 23.6 35.4

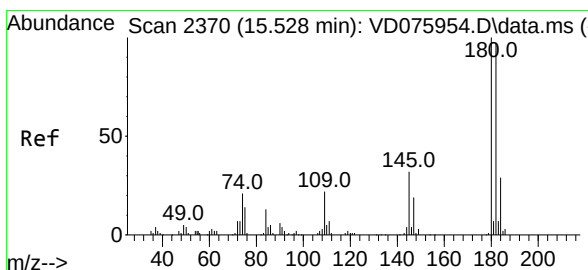
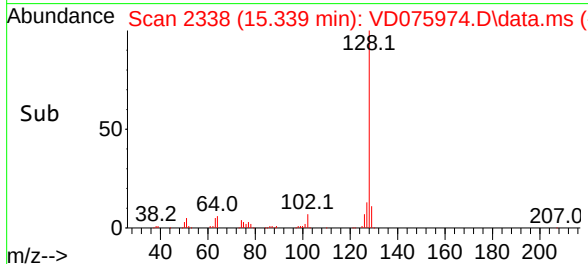
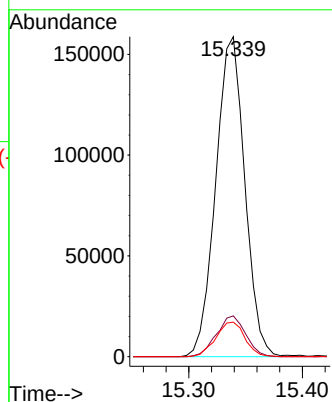
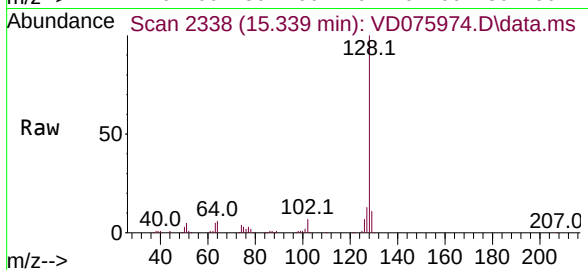




#71
Naphthalene
Concen: 25.969 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Instrument :
MSVOA_D
ClientSampleId :
VSTD025145

Tgt Ion:128	Resp: 282129
Ion Ratio	Lower Upper
128 100	
127 12.8	10.5 15.7
129 10.9	9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 24.967 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075974.D
Acq: 02 May 2023 20:00

Tgt Ion:180	Resp: 132308
Ion Ratio	Lower Upper
180 100	
182 93.9	76.3 114.5
145 30.4	25.0 37.6

