

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075908.D
 Acq On : 29 Apr 2023 01:19
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

Quant Time: Apr 29 05:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	381945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	351352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	169342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	190141	22.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
7) Chloroethane-d5	2.805	69	172376	23.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	3.917	65	45738	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.720%
21) 2-Butanone-d5	6.981	46	41539	57.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.220%
24) Chloroform-d	7.569	84	234539	24.556	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.234	65	101661	24.924	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.205	84	495427	24.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.210	67	140200	24.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	10.269	98	466158	24.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.528	79	56423	24.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	10.881	63	37815	55.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110978	25.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	140526	23.461	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	136979	26.015	ug/L	99
3) Chloromethane	2.146	50	196468	26.766	ug/L	100
5) Vinyl chloride	2.281	62	245626	25.604	ug/L	100
6) Bromomethane	2.693	94	160193	24.851	ug/L	99
8) Chloroethane	2.840	64	155675	25.092	ug/L	95
9) Trichlorofluoromethane	3.175	101	191339	24.824	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	132934	25.671	ug/L	98
13) Acetone	4.028	43	30170	48.467	ug/L	95
14) Carbon disulfide	4.275	76	428602	24.435	ug/L	98
15) Methyl Acetate	4.640	43	427	0.317	ug/L	99
16) Methylene chloride	4.805	84	169335	21.855	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	143052	25.404	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	233759	25.879	ug/L	100
19) 1,1-Dichloroethane	6.111	63	216935	26.297	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	152274	25.574	ug/L	98
22) 2-Butanone	7.087	43	44993	55.443	ug/L	97
23) Bromochloromethane	7.428	128	73524	26.625	ug/L	94
25) Chloroform	7.599	83	238284	25.773	ug/L	99
27) 1,2-Dichloroethane	8.328	62	127591	26.736	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075908.D
 Acq On : 29 Apr 2023 01:19
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

Quant Time: Apr 29 05:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

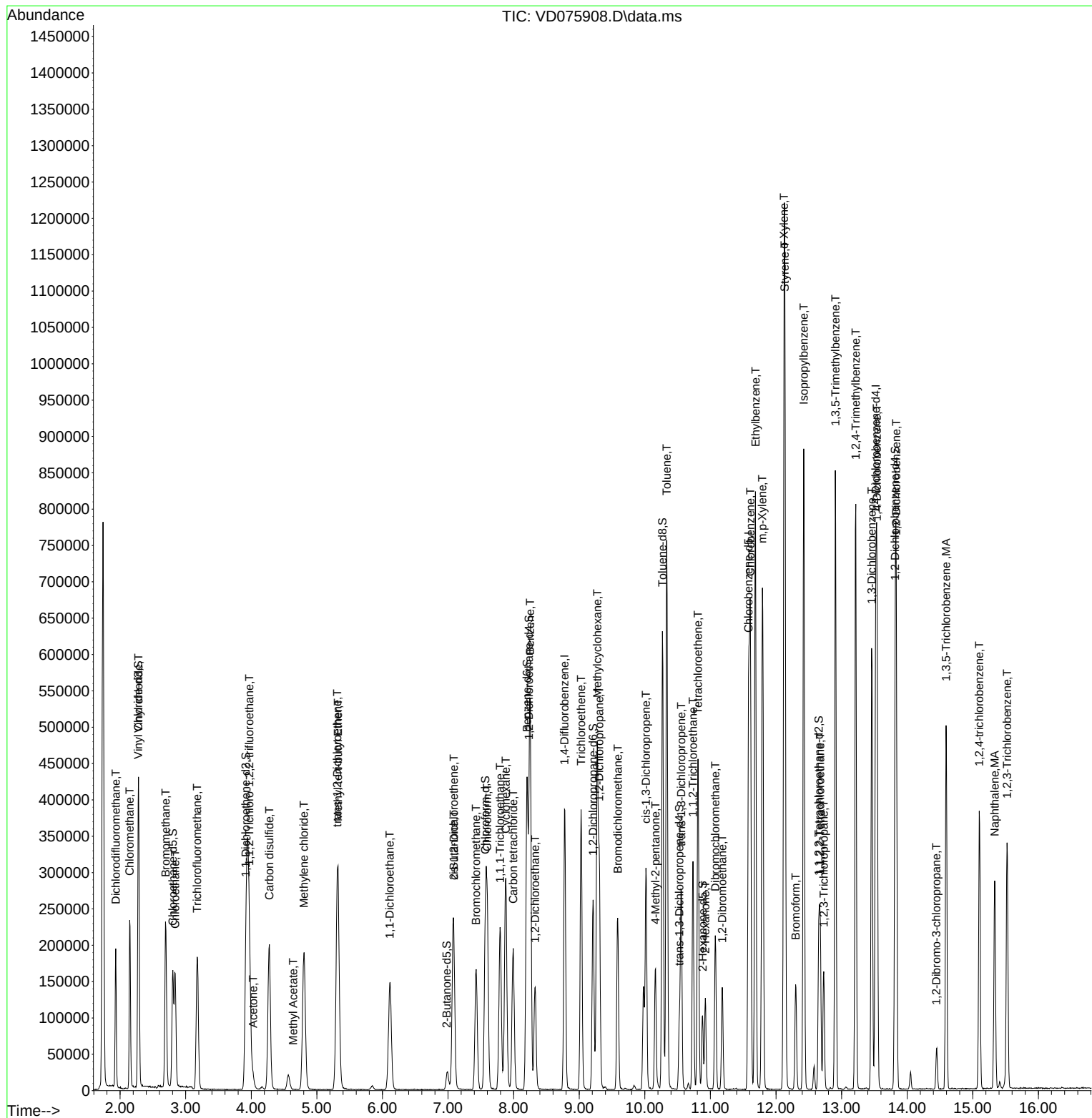
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.881	56	159008	26.436	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	188844	25.403	ug/L	100
31) Carbon tetrachloride	7.993	117	152009	25.488	ug/L	98
33) Benzene	8.252	78	559854	26.343	ug/L	100
34) Trichloroethene	9.028	95	136371	24.812	ug/L	96
35) Methylcyclohexane	9.275	83	217116	25.622	ug/L	99
37) 1,2-Dichloropropane	9.305	63	129546	26.536	ug/L	98
38) Bromodichloromethane	9.587	83	169475	25.746	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	196430	25.300	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	101983	57.296	ug/L	99
42) Toluene	10.334	91	619412	26.932	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	163433	26.203	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	108618	26.152	ug/L	97
46) Tetrachloroethene	10.810	164	114619	25.426	ug/L	93
48) 2-Hexanone	10.922	43	70538	56.214	ug/L	95
49) Dibromochloromethane	11.075	129	118777	26.270	ug/L	98
50) 1,2-Dibromoethane	11.181	107	96098	25.664	ug/L	94
51) Chlorobenzene	11.610	112	389027	25.856	ug/L	99
52) Ethylbenzene	11.687	91	617395	26.178	ug/L	97
53) m,p-Xylene	11.793	106	251299	26.760	ug/L	98
54) o-Xylene	12.122	106	237315	26.606	ug/L	96
55) Styrene	12.134	104	419612	27.029	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	112266	26.566	ug/L	98
59) Bromoform	12.299	173	68597	26.431	ug/L	99
60) Isopropylbenzene	12.422	105	597891	26.627	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	70072	26.341	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	450838	26.926	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	439402	27.224	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279609	26.025	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	288820	25.614	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	252048	26.270	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13706	25.773	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	165043	22.919	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	134626	22.559	ug/L	98
71) Naphthalene	15.334	128	270391	24.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	128245	24.075	ug/L	99

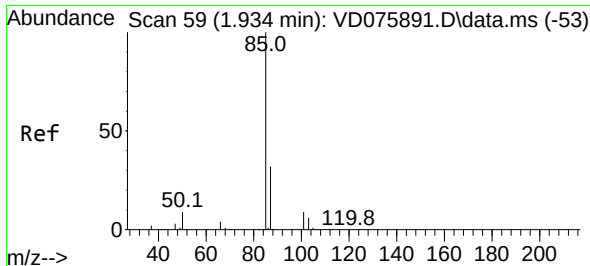
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075908.D
 Acq On : 29 Apr 2023 01:19
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

Quant Time: Apr 29 05:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

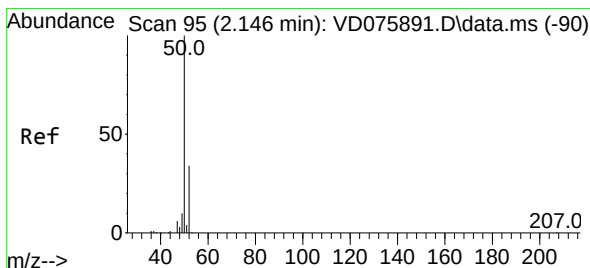
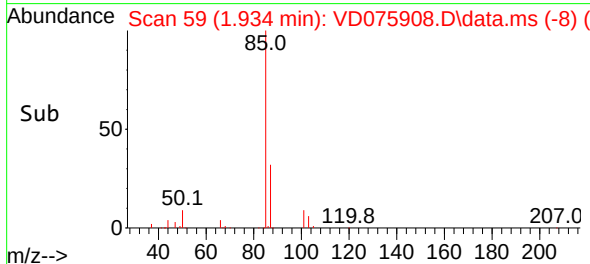
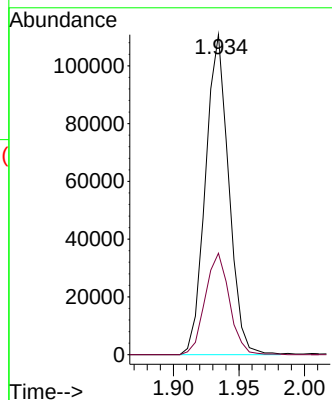
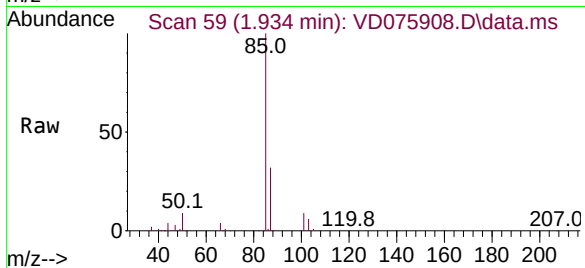




#2
Dichlorodifluoromethane
Concen: 26.015 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

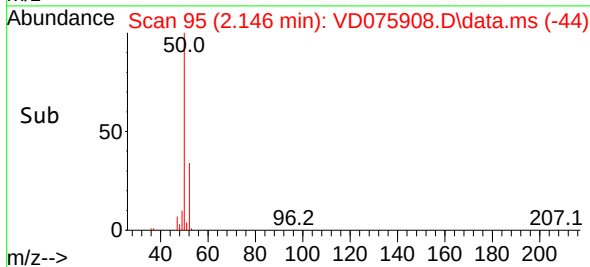
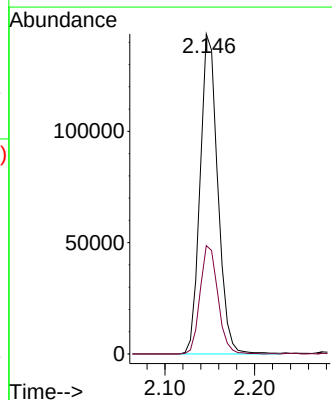
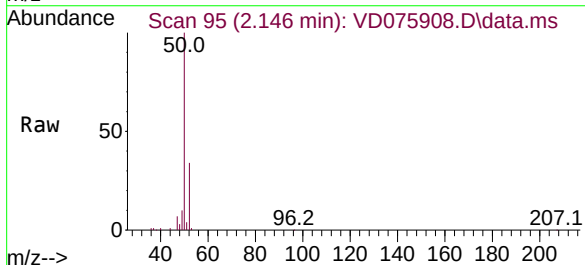
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

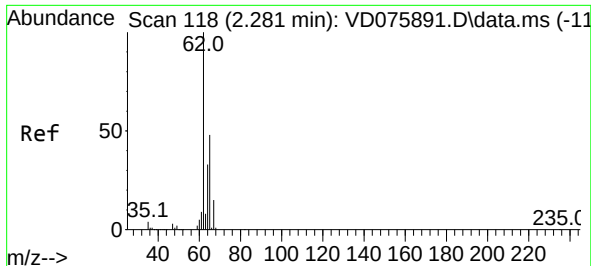
Tgt Ion: 85 Resp: 136979
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 26.766 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 50 Resp: 196468
Ion Ratio Lower Upper
50 100
52 33.8 23.7 44.1

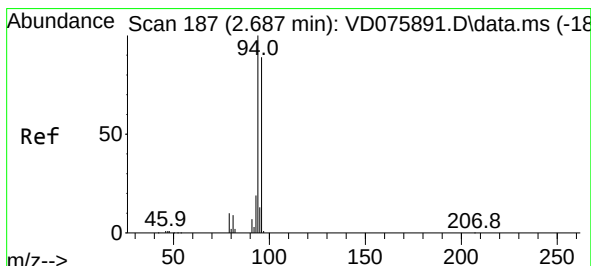
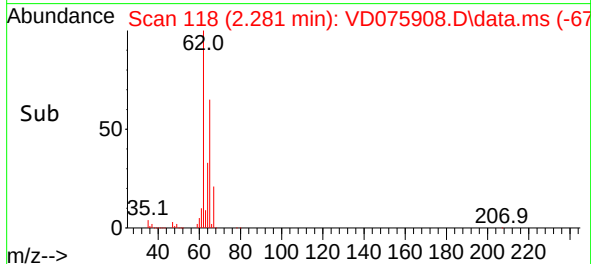
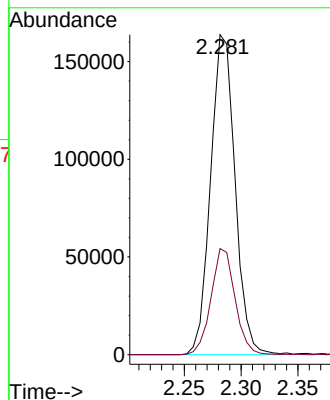
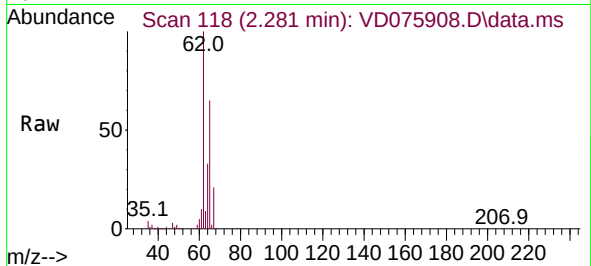




#5
 Vinyl chloride
 Concen: 25.604 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD075908.D
 Acq: 29 Apr 2023 01:19

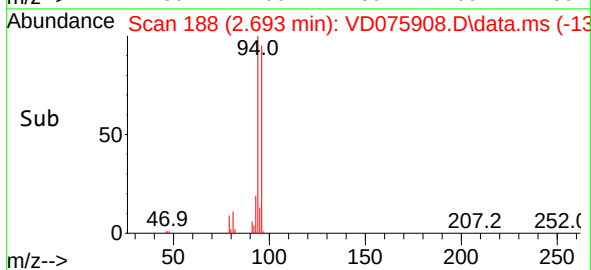
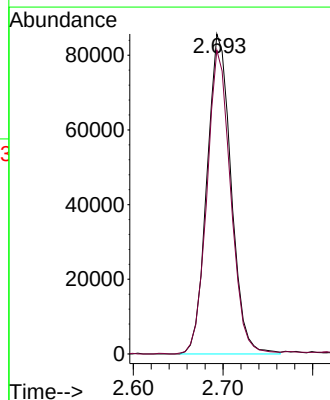
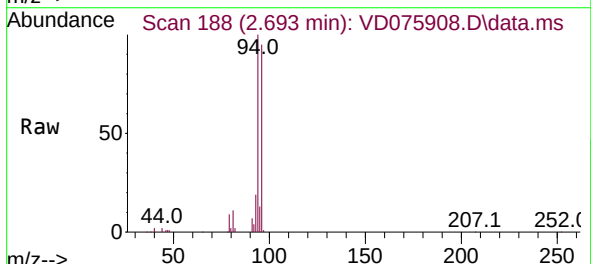
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

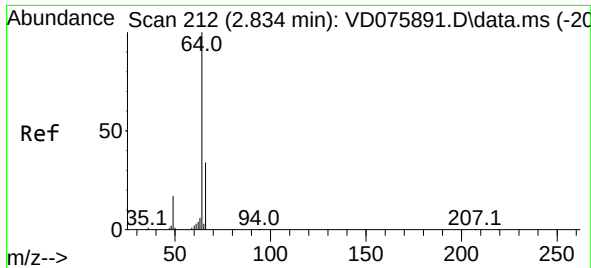
Tgt Ion: 62 Resp: 245626
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 24.851 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD075908.D
 Acq: 29 Apr 2023 01:19

Tgt Ion: 94 Resp: 160193
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.7 121.9

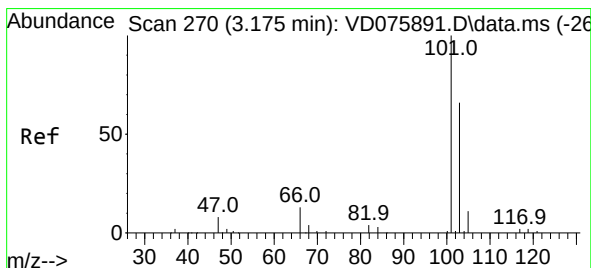
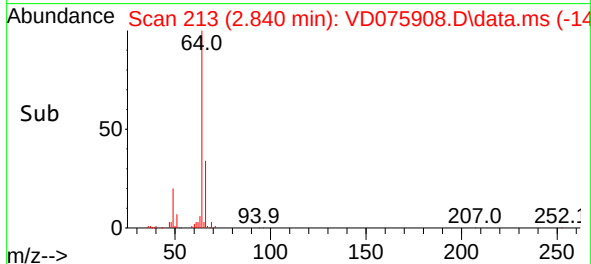
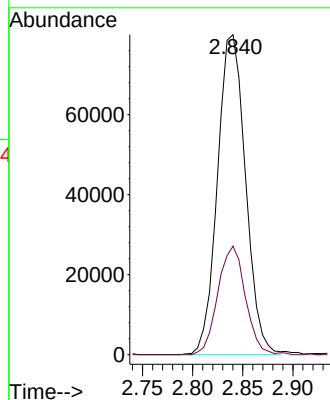
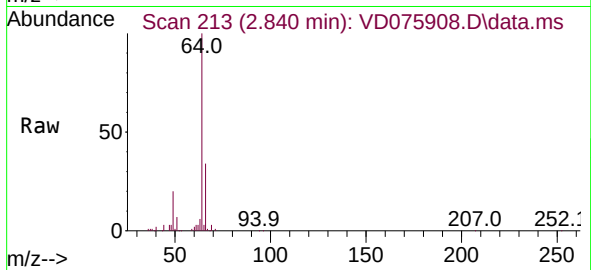




#8
Chloroethane
Concen: 25.092 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

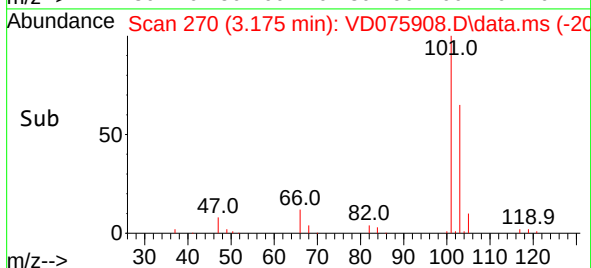
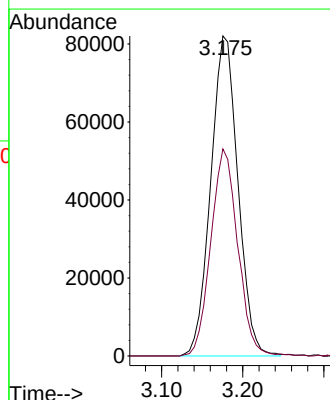
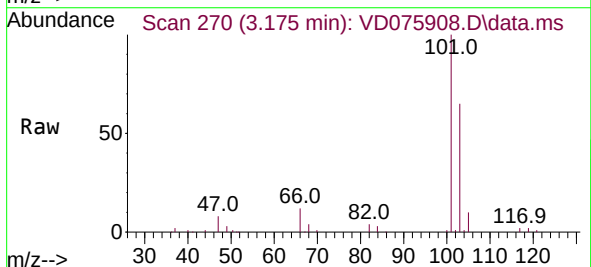
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

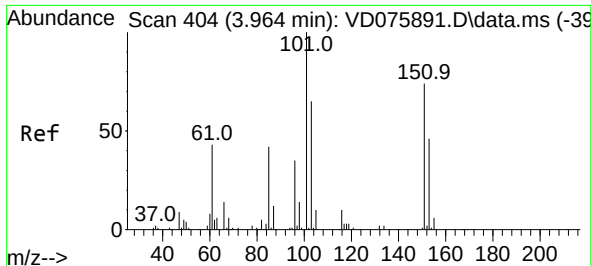
Tgt Ion: 64 Resp: 155675
Ion Ratio Lower Upper
64 100
66 33.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.824 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 101 Resp: 191339
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

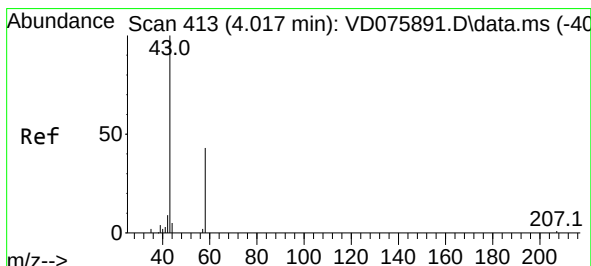
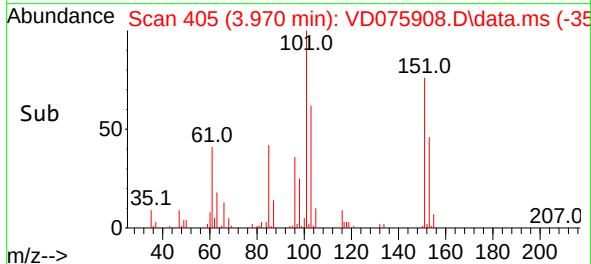
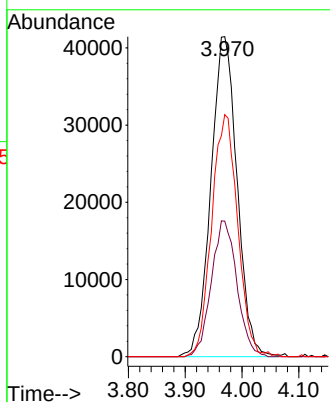
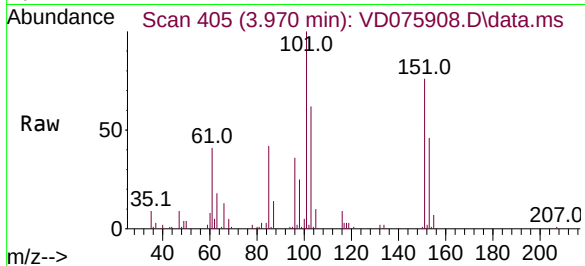




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.671 ug/L
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

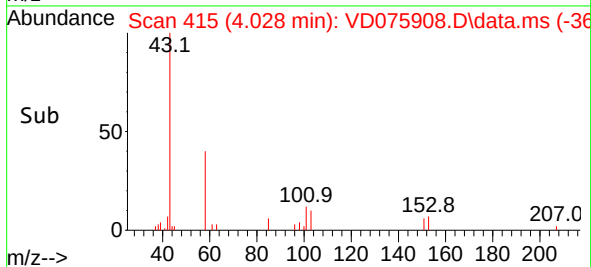
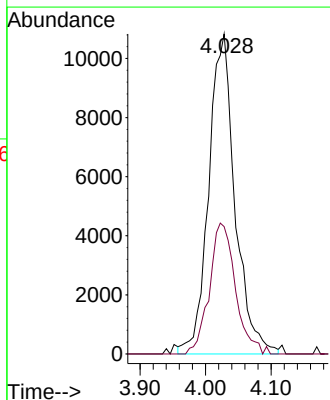
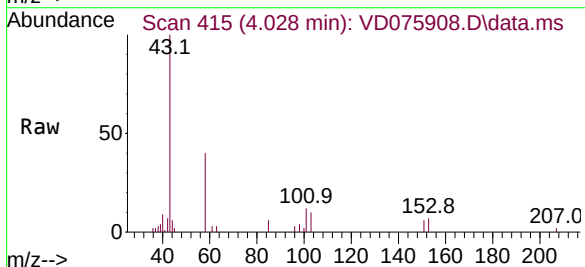
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

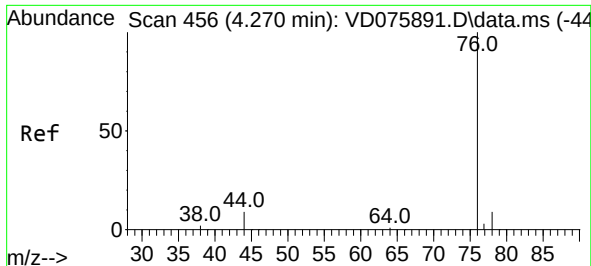
Tgt Ion:101 Resp: 132934
Ion Ratio Lower Upper
101 100
85 41.4 32.9 49.3
151 74.5 57.2 85.8



#13
Acetone
Concen: 48.467 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 43 Resp: 30170
Ion Ratio Lower Upper
43 100
58 40.2 0.0 87.4

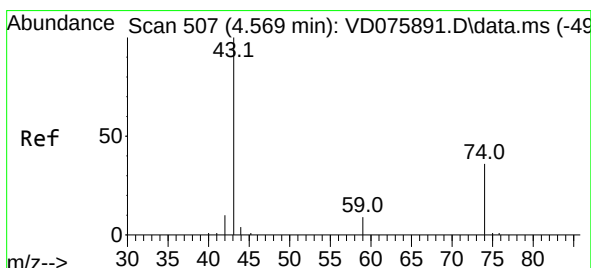
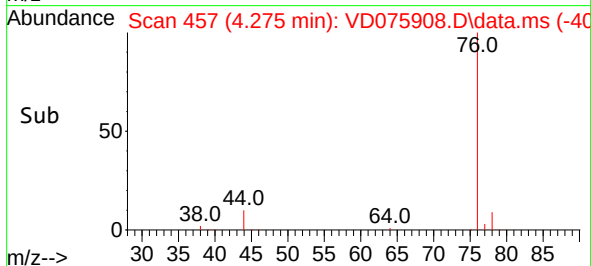
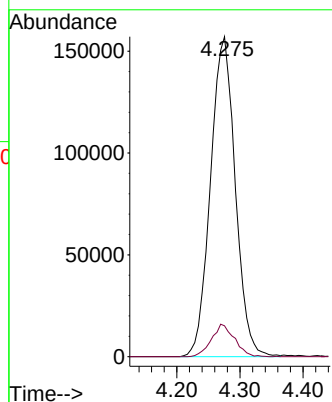
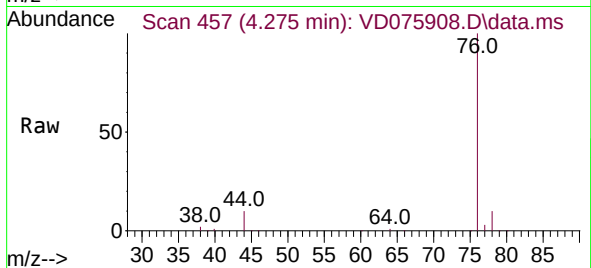




#14
Carbon disulfide
Concen: 24.435 ug/L
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

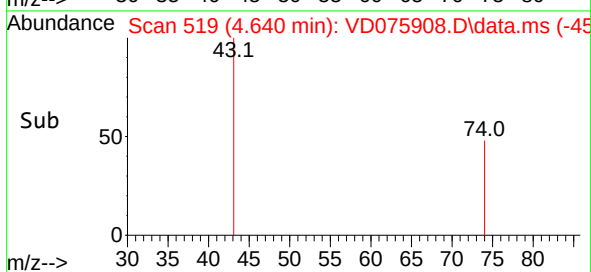
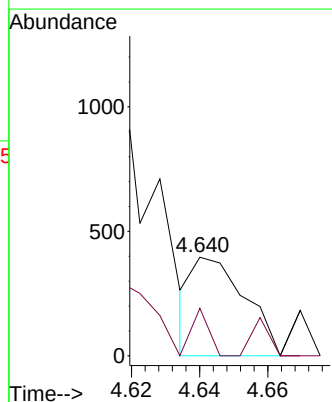
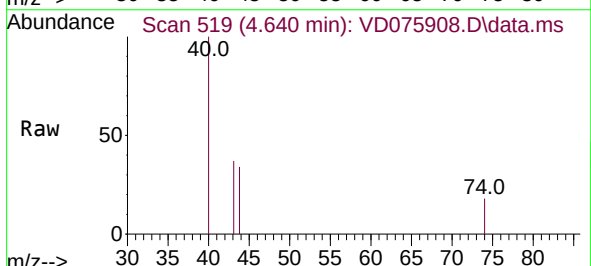
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

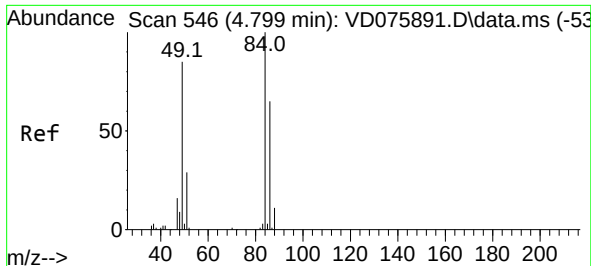
Tgt Ion: 76 Resp: 428602
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#15
Methyl Acetate
Concen: 0.317 ug/L
RT: 4.640 min Scan# 519
Delta R.T. 0.071 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 15.7 12.8 19.2

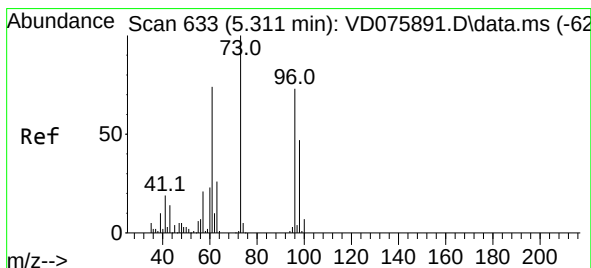
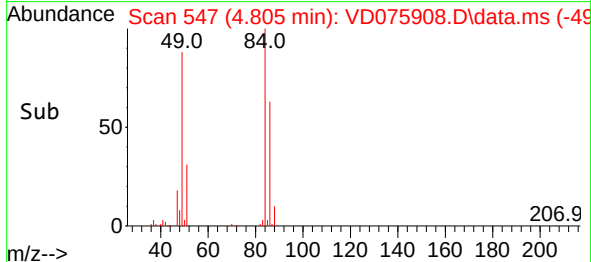
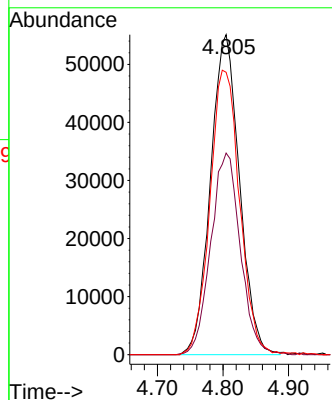
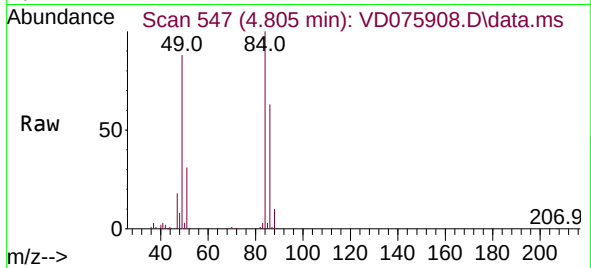




#16
Methylene chloride
Concen: 21.855 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

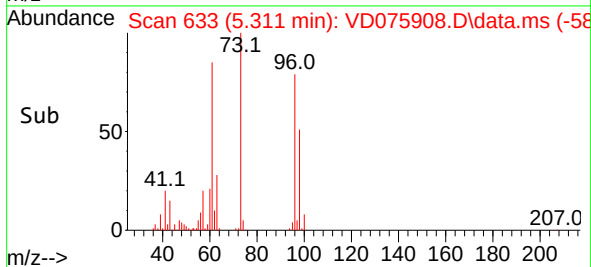
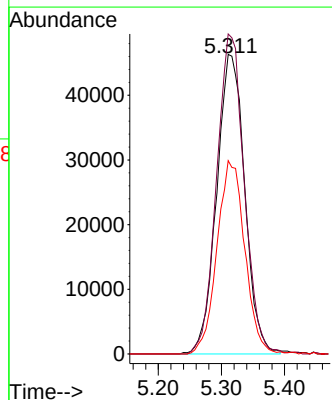
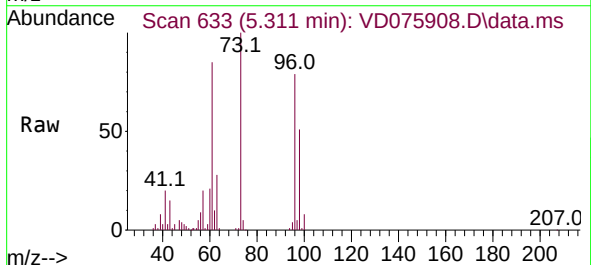
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

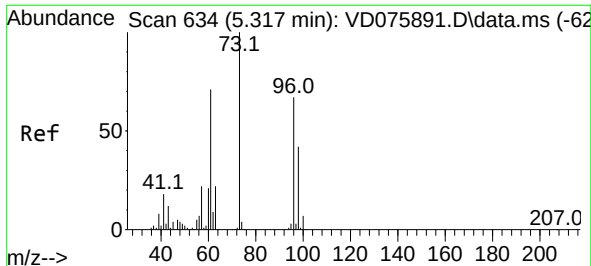
Tgt Ion: 84 Resp: 169335
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.2
49 88.3 60.8 112.8



#17
trans-1,2-Dichloroethene
Concen: 25.404 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 96 Resp: 143052
Ion Ratio Lower Upper
96 100
61 106.8 72.9 135.5
98 64.5 43.0 79.8

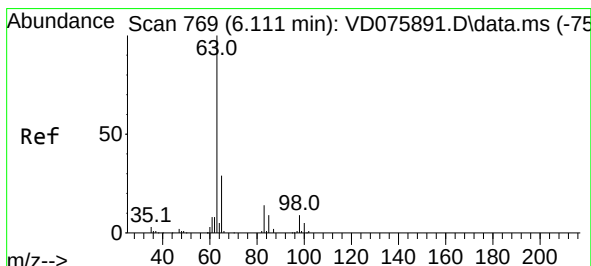
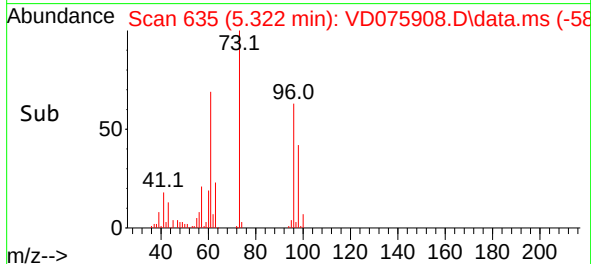
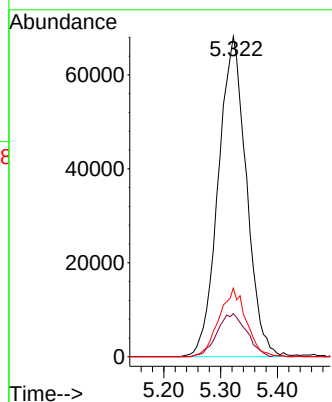
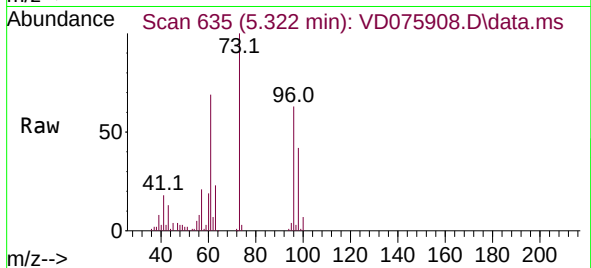




#18
Methyl tert-butyl Ether
Concen: 25.879 ug/L
RT: 5.322 min Scan# 618
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

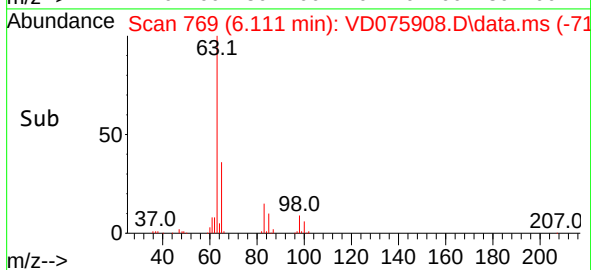
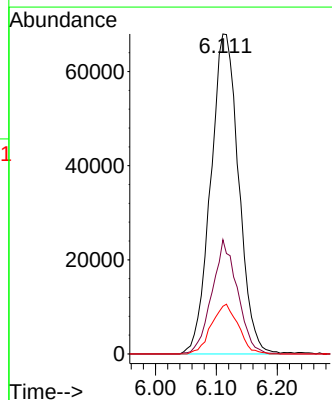
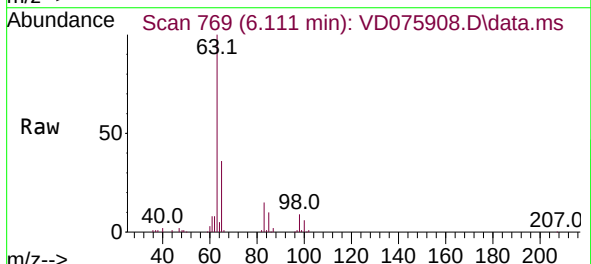
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

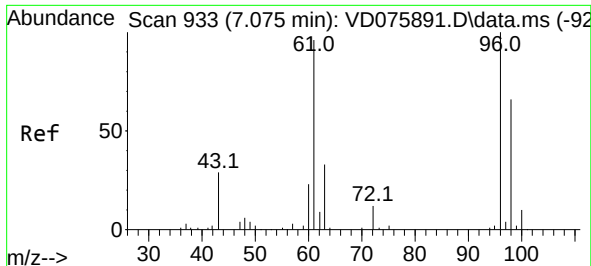
Tgt Ion: 73 Resp: 233759
Ion Ratio Lower Upper
73 100
43 14.2 11.3 16.9
57 20.7 16.3 24.5



#19
1,1-Dichloroethane
Concen: 26.297 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 63 Resp: 216935
Ion Ratio Lower Upper
63 100
65 35.7 22.8 42.4
83 14.9 11.2 20.8

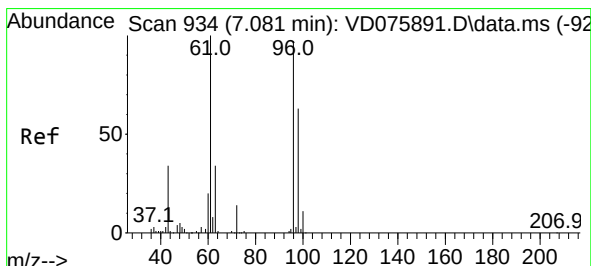
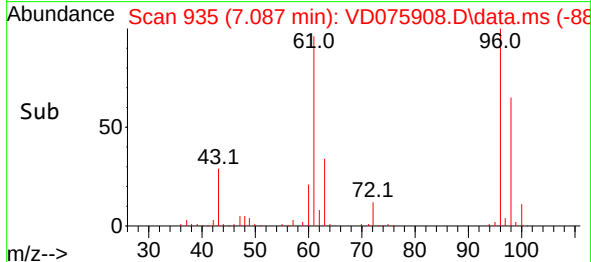
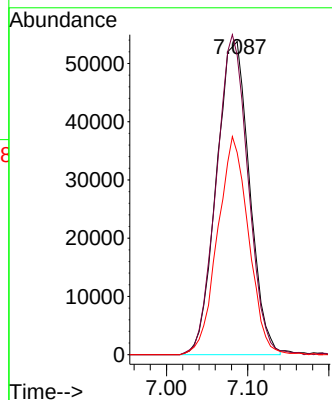
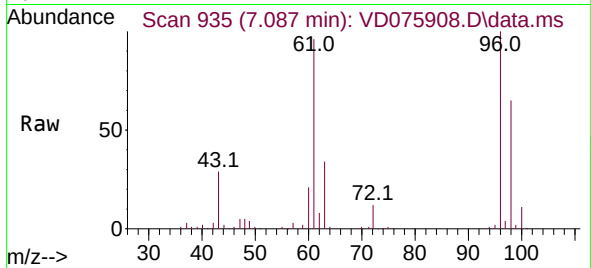




#20
 cis-1,2-Dichloroethene
 Concen: 25.574 ug/L
 RT: 7.087 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD075908.D
 Acq: 29 Apr 2023 01:19

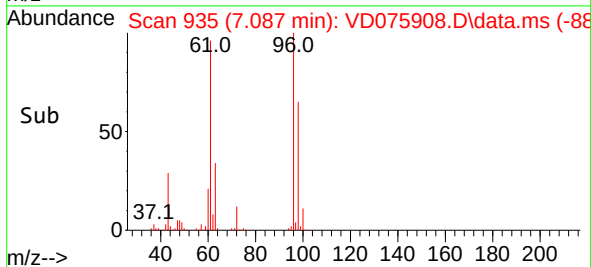
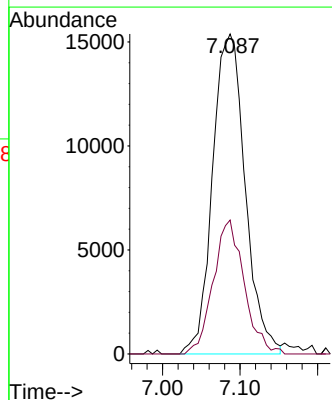
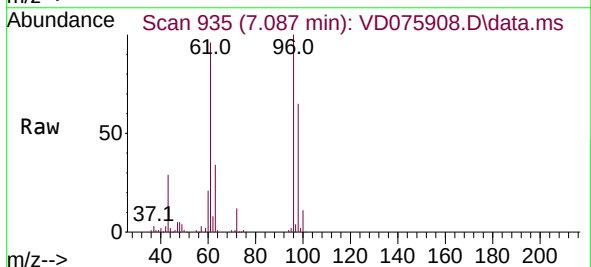
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139

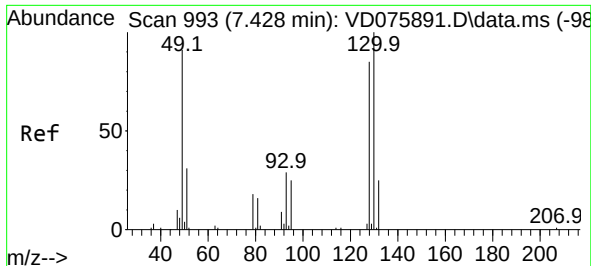
Tgt Ion: 96 Resp: 152274
 Ion Ratio Lower Upper
 96 100
 61 95.7 67.5 125.3
 98 64.6 47.5 88.1



#22
 2-Butanone
 Concen: 55.443 ug/L
 RT: 7.087 min Scan# 935
 Delta R.T. 0.006 min
 Lab File: VD075908.D
 Acq: 29 Apr 2023 01:19

Tgt Ion: 43 Resp: 44993
 Ion Ratio Lower Upper
 43 100
 72 39.3 20.5 61.5

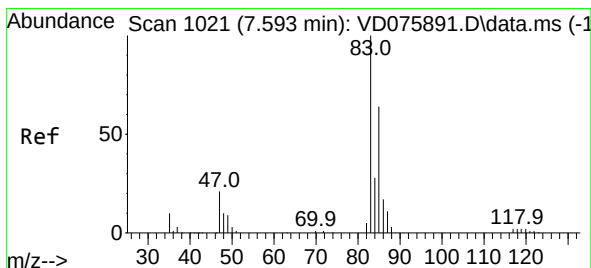
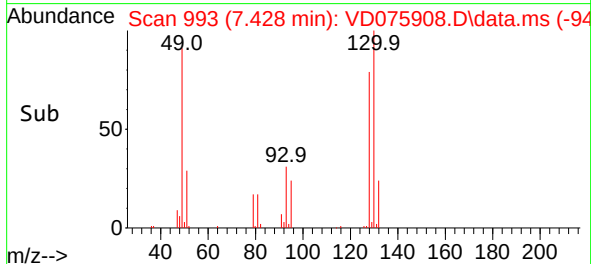
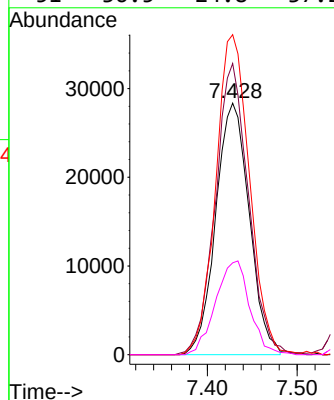
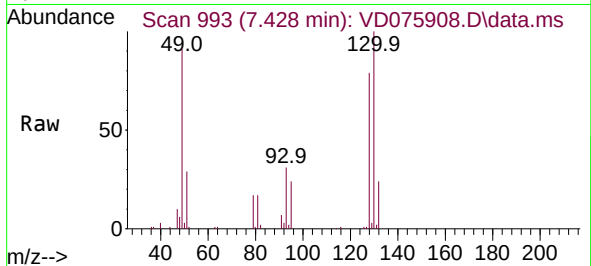




#23
Bromochloromethane
Concen: 26.625 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

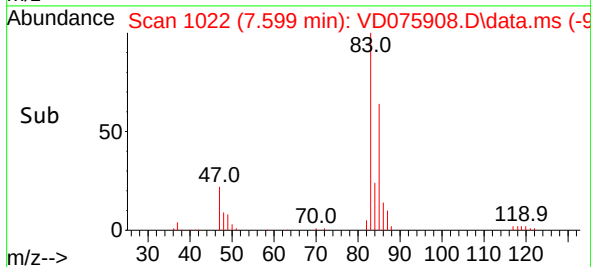
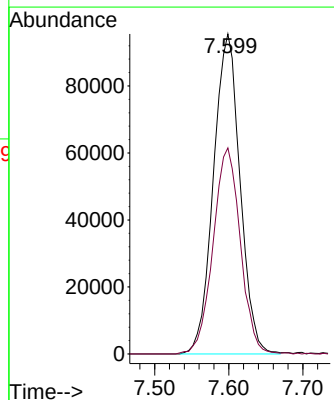
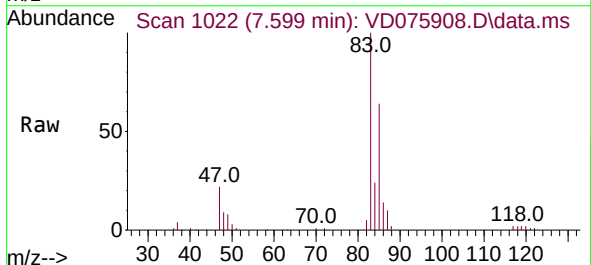
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

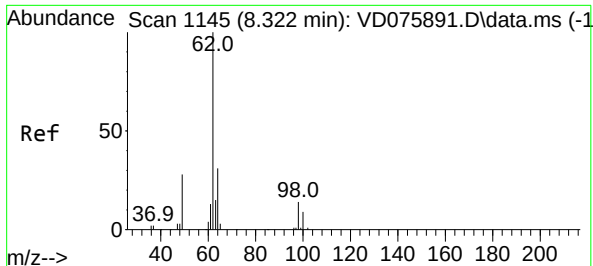
Tgt Ion:	128	Resp:	73524
Ion	Ratio	Lower	Upper
128	100		
49	115.7	76.4	142.0
130	127.2	93.5	173.7
51	36.5	24.8	37.2



#25
Chloroform
Concen: 25.773 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion:	83	Resp:	238284
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.4	82.5

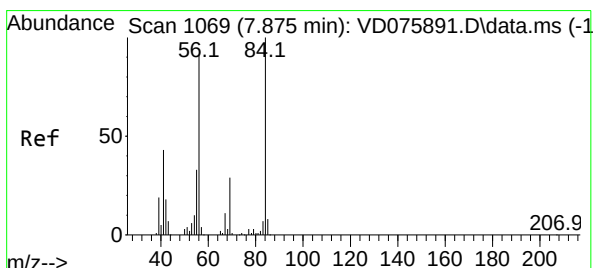
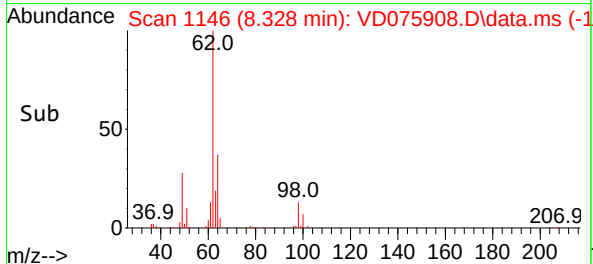
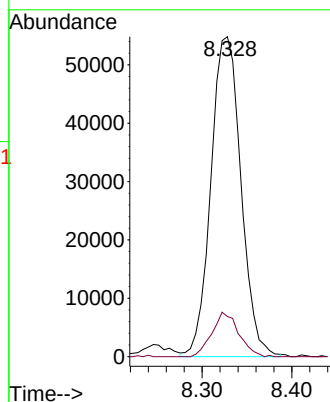
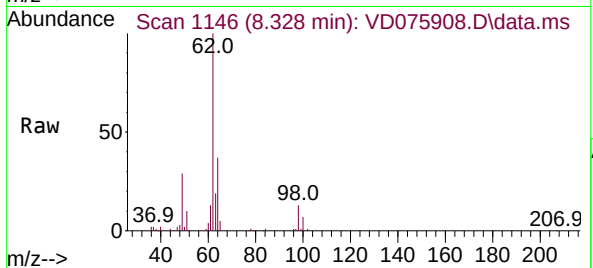




#27
1,2-Dichloroethane
Concen: 26.736 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

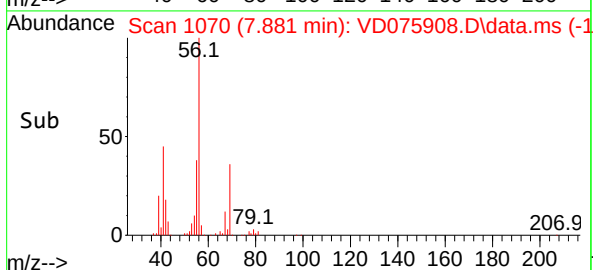
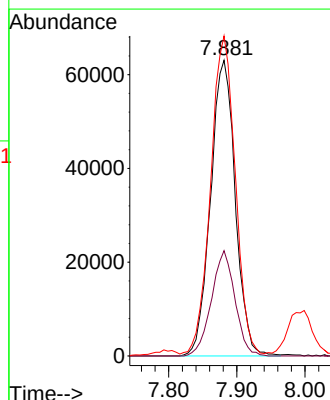
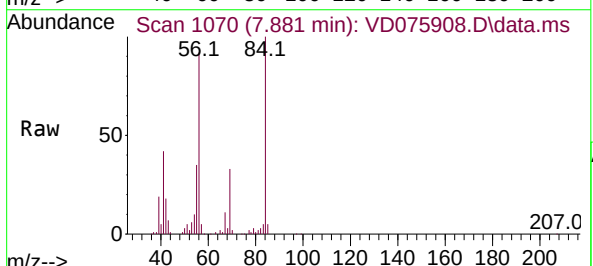
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

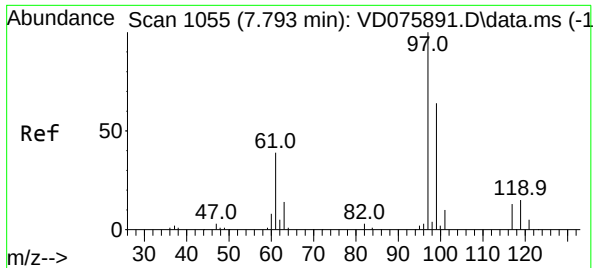
Tgt Ion: 62 Resp: 127591
Ion Ratio Lower Upper
62 100
98 12.5 10.2 15.2



#29
Cyclohexane
Concen: 26.436 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 56 Resp: 159008
Ion Ratio Lower Upper
56 100
69 33.9 28.2 42.2
84 108.2 92.4 138.6





#30

1,1,1-Trichloroethane

Concen: 25.403 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

VSTD025139

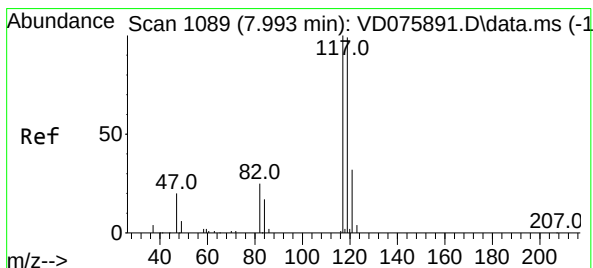
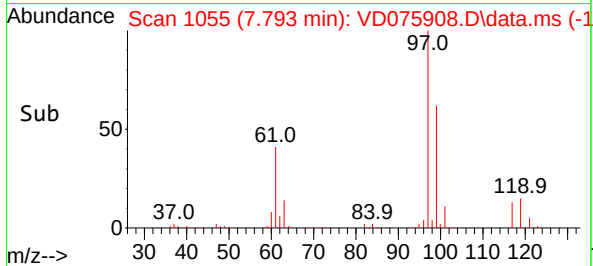
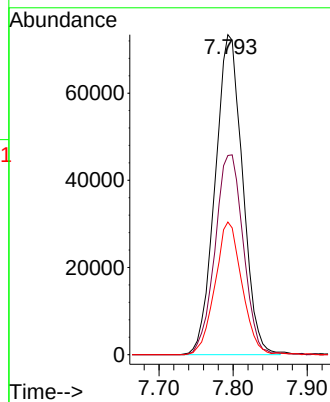
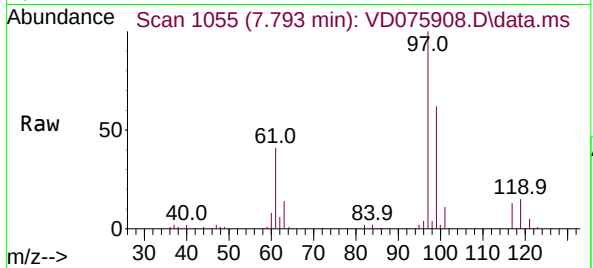
Tgt Ion: 97 Resp: 188844

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 40.5 32.1 48.1



#31

Carbon tetrachloride

Concen: 25.488 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075908.D

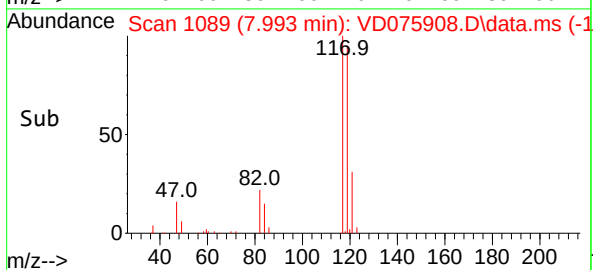
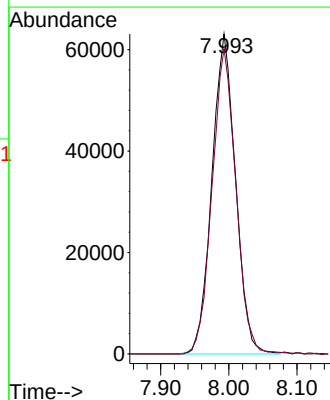
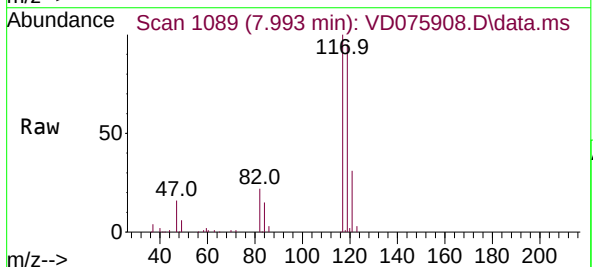
Acq: 29 Apr 2023 01:19

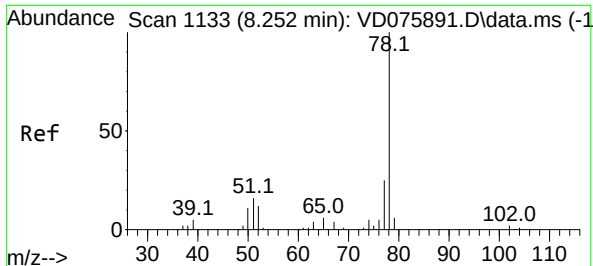
Tgt Ion: 117 Resp: 152009

Ion Ratio Lower Upper

117 100

119 95.9 78.2 117.4

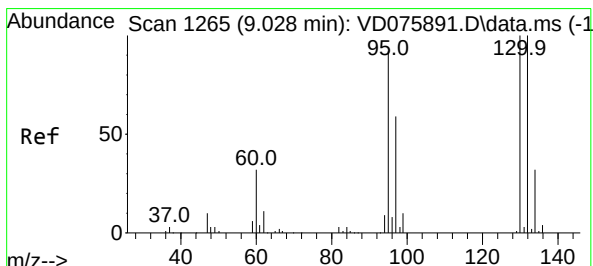
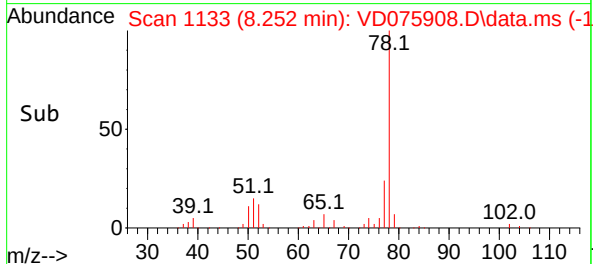
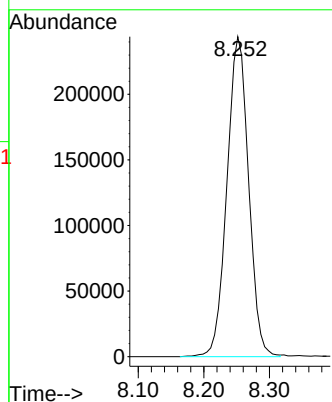
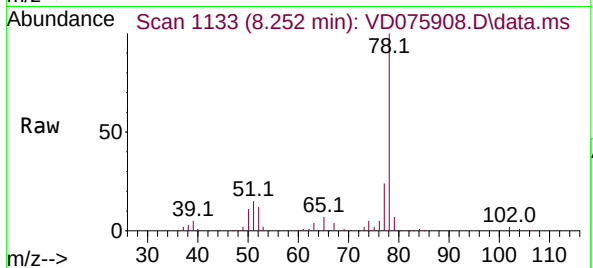




#33
Benzene
Concen: 26.343 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

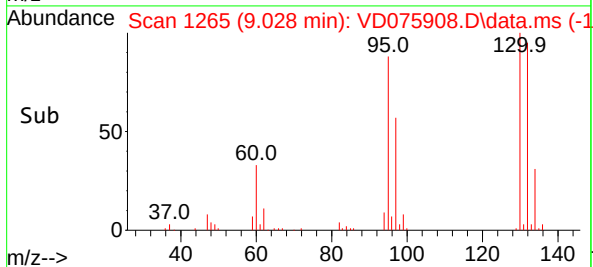
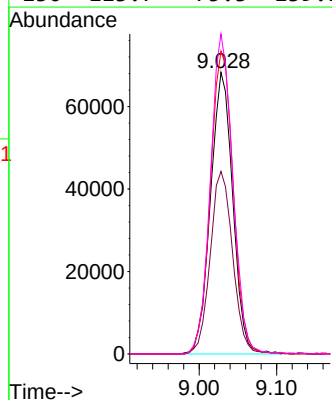
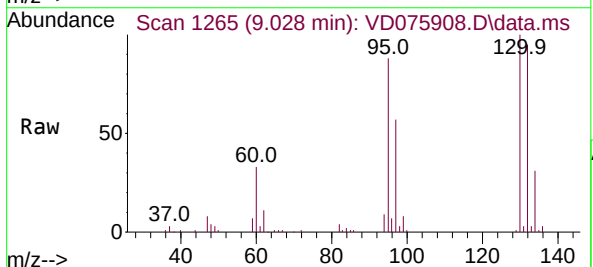
Tgt Ion: 78 Resp: 559854

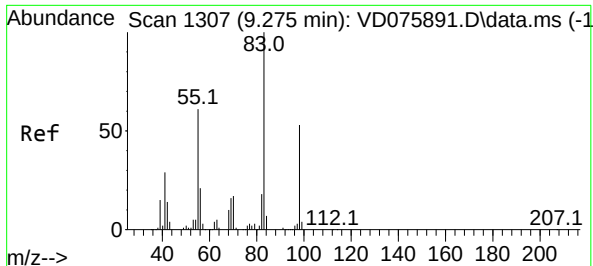


#34
Trichloroethene
Concen: 24.812 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 95 Resp: 136371

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.0	85.4
132	107.5	73.3	136.1
130	113.7	75.3	139.9





#35

Methylcyclohexane

Concen: 25.622 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

VSTD025139

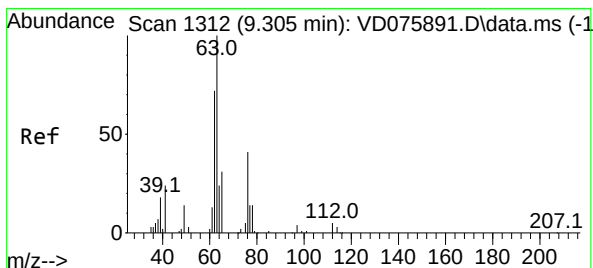
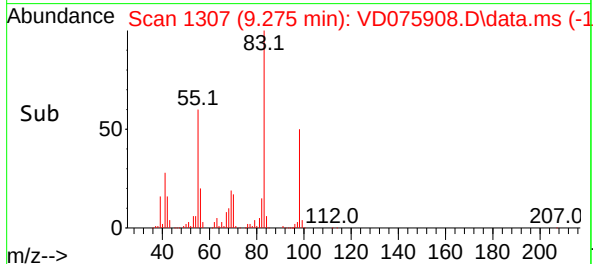
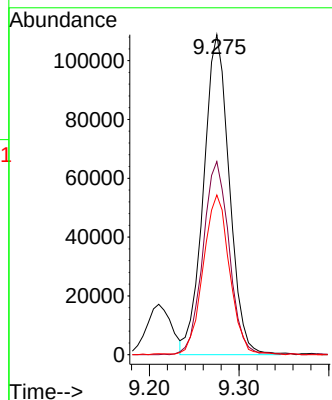
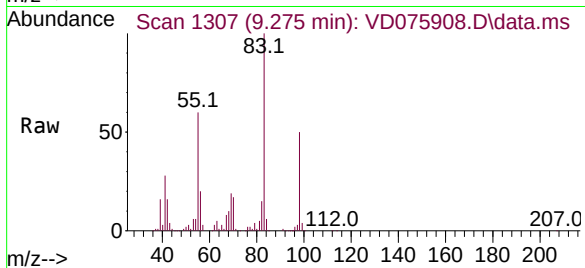
Tgt Ion: 83 Resp: 217116

Ion Ratio Lower Upper

83 100

55 60.9 48.2 72.2

98 51.1 40.8 61.2



#37

1,2-Dichloropropane

Concen: 26.536 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075908.D

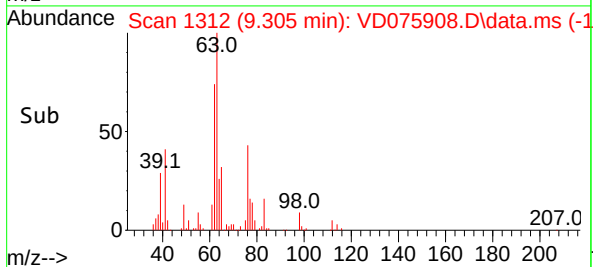
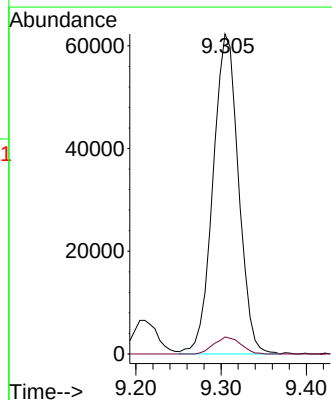
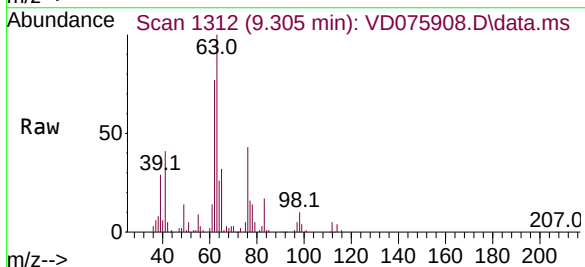
Acq: 29 Apr 2023 01:19

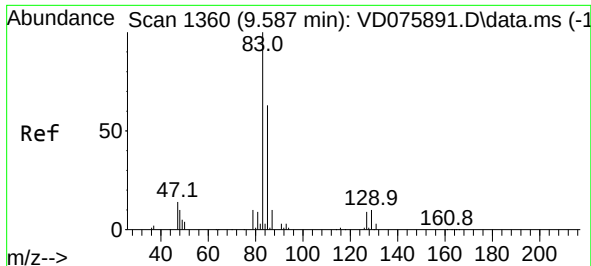
Tgt Ion: 63 Resp: 129546

Ion Ratio Lower Upper

63 100

112 5.5 4.0 6.0

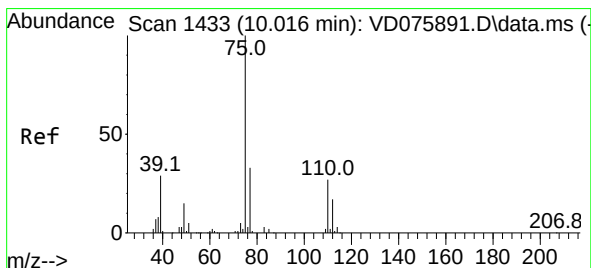
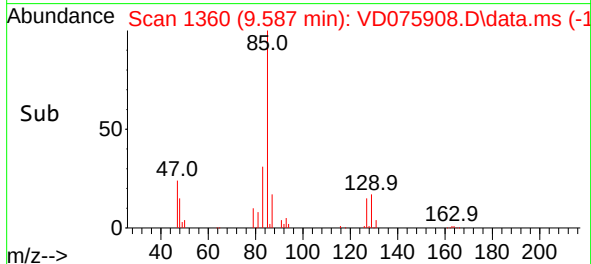
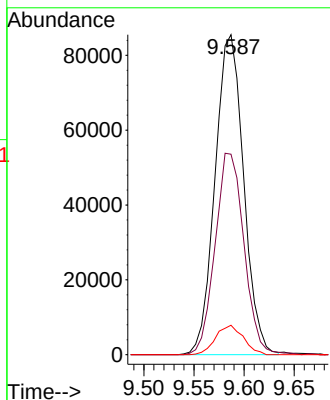
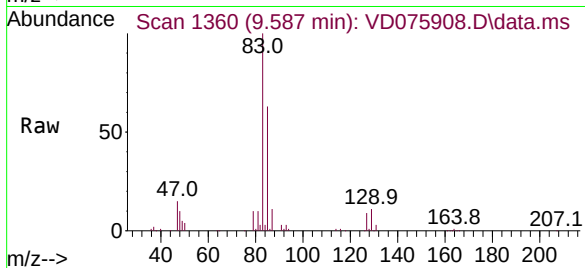




#38
Bromodichloromethane
Concen: 25.746 ug/L
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

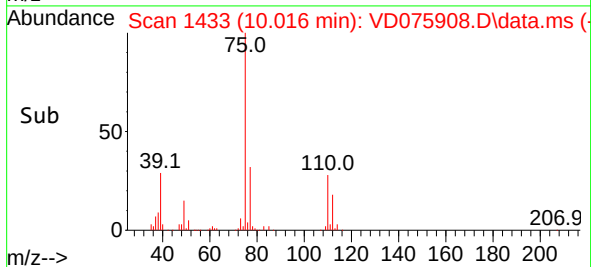
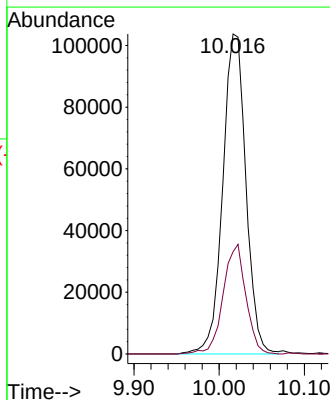
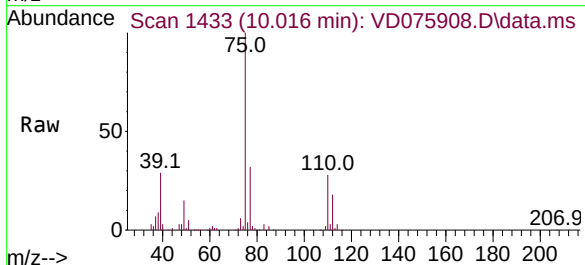
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

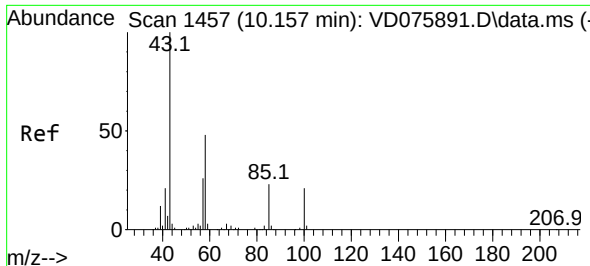
Tgt Ion: 83 Resp: 169475
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.2
127 9.2 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 25.300 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 75 Resp: 196430
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.6

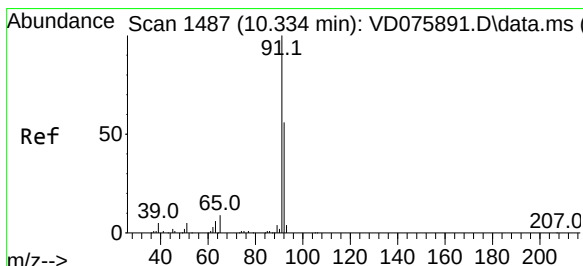
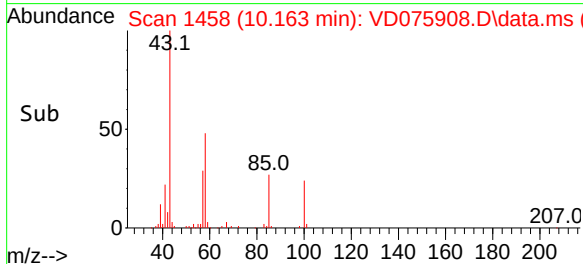
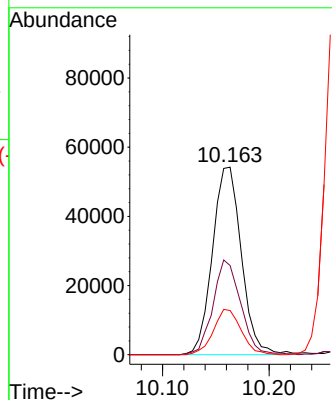
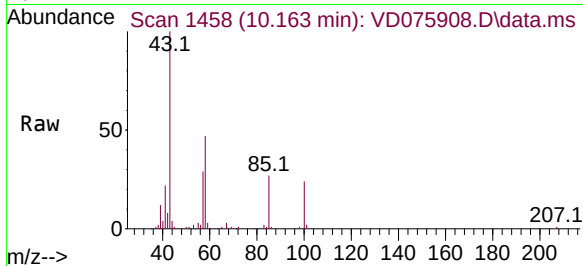




#40
4-Methyl-2-pentanone
Concen: 57.296 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

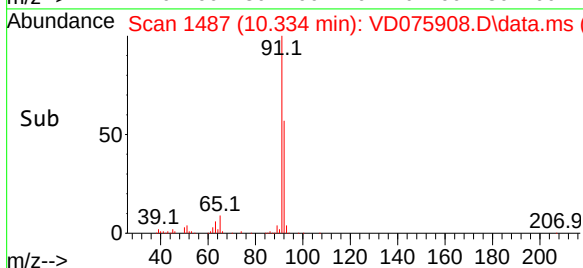
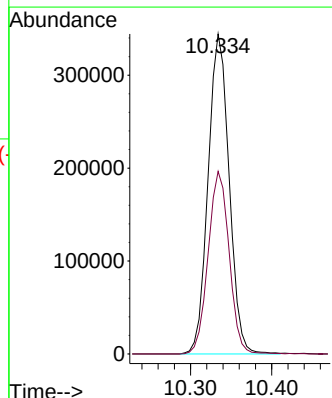
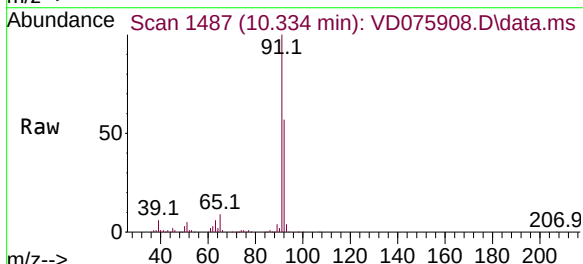
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

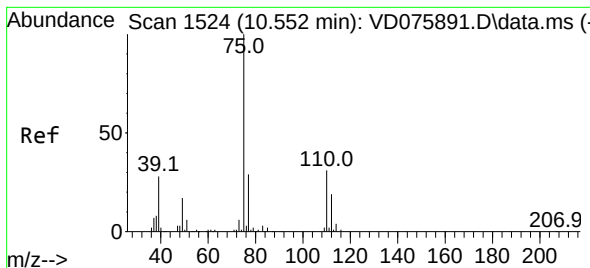
Tgt Ion: 43 Resp: 101983
Ion Ratio Lower Upper
43 100
58 48.5 39.1 58.7
100 23.3 19.4 29.0



#42
Toluene
Concen: 26.932 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 91 Resp: 619412
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9





#44

trans-1,3-Dichloropropene

Concen: 26.203 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

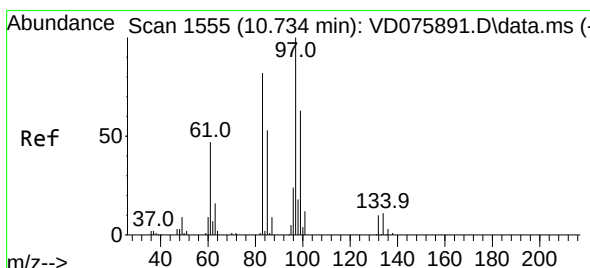
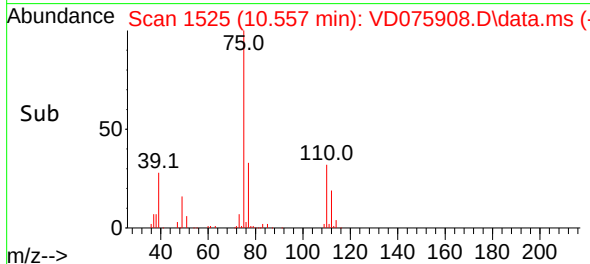
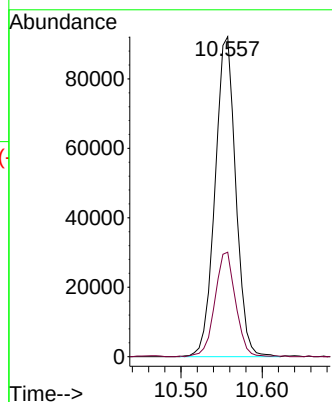
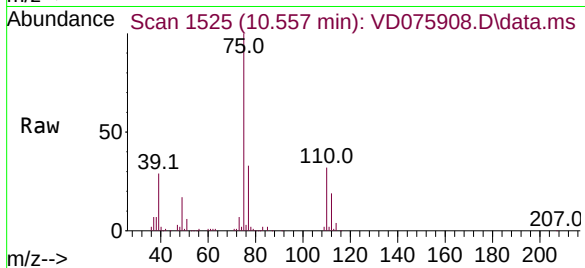
VSTD025139

Tgt Ion: 75 Resp: 163433

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 26.152 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Tgt Ion: 97 Resp: 108618

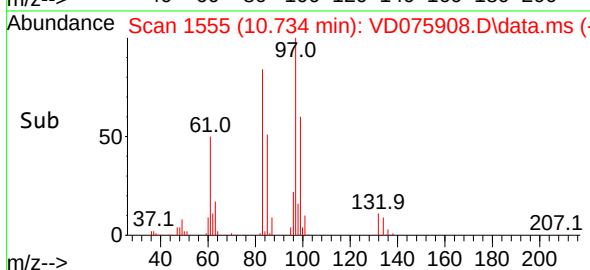
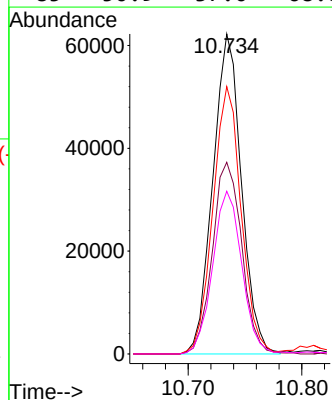
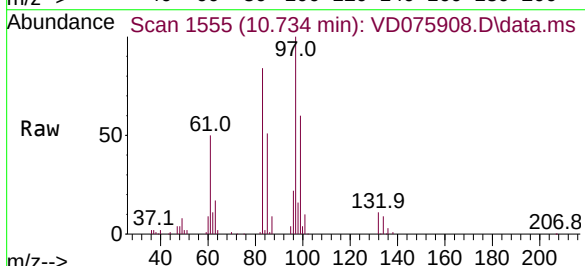
Ion Ratio Lower Upper

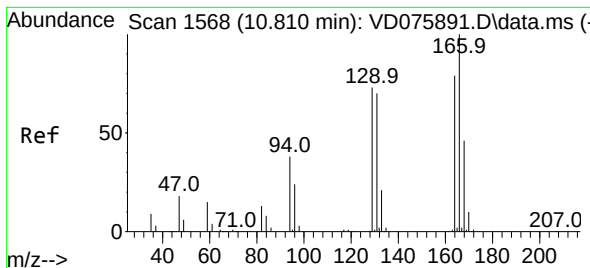
97 100

99 59.9 42.2 78.4

83 83.6 54.8 101.8

85 50.9 37.0 68.8





#46

Tetrachloroethene

Concen: 25.426 ug/L

RT: 10.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

VSTD025139

Tgt Ion:164 Resp: 114619

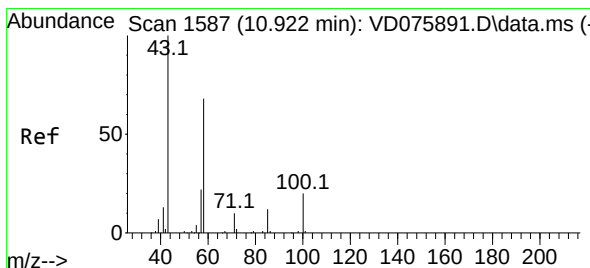
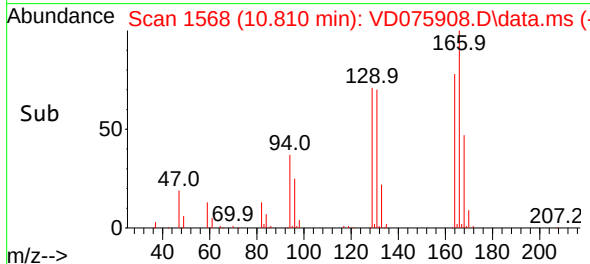
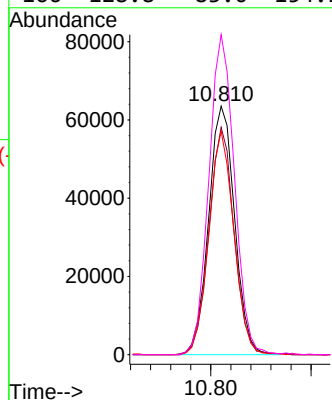
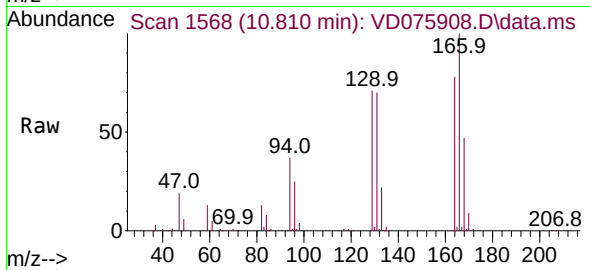
Ion Ratio Lower Upper

164 100

129 91.5 60.3 112.1

131 90.0 58.9 109.3

166 128.8 83.0 154.1



#48

2-Hexanone

Concen: 56.214 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Tgt Ion: 43 Resp: 70538

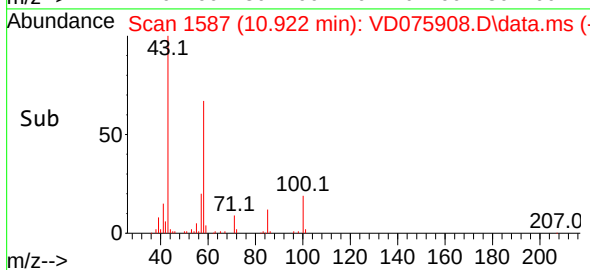
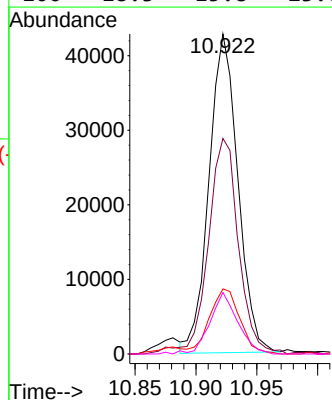
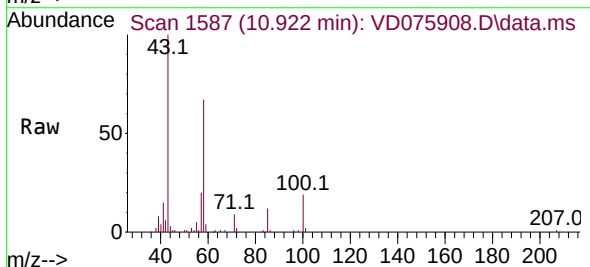
Ion Ratio Lower Upper

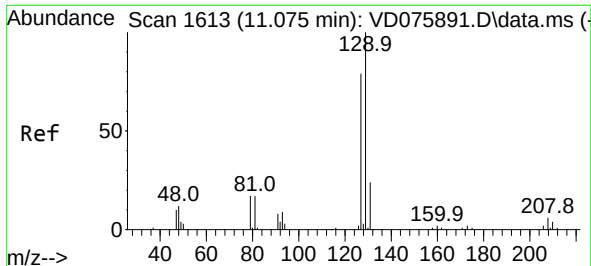
43 100

58 69.4 59.7 89.5

57 21.4 17.9 26.9

100 18.3 15.8 23.6

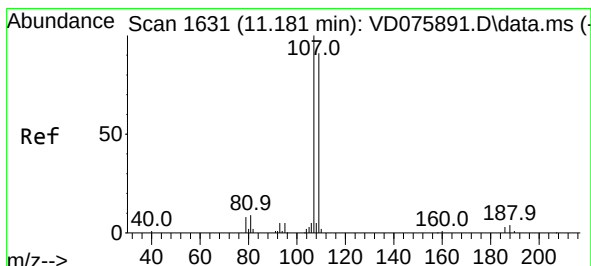
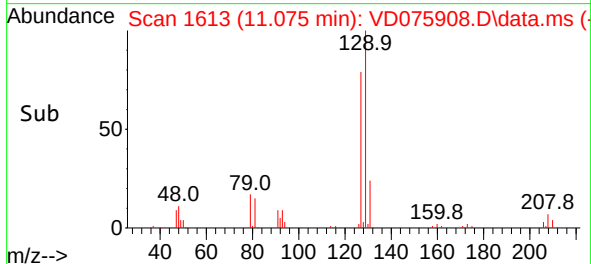
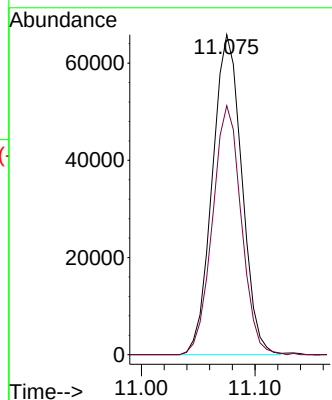
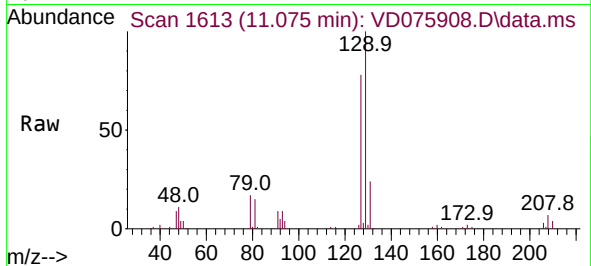




#49
Dibromochloromethane
Concen: 26.270 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

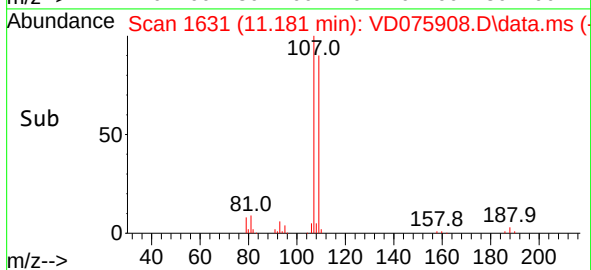
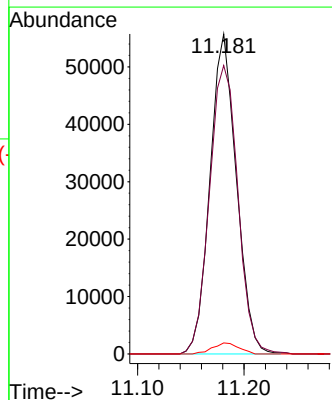
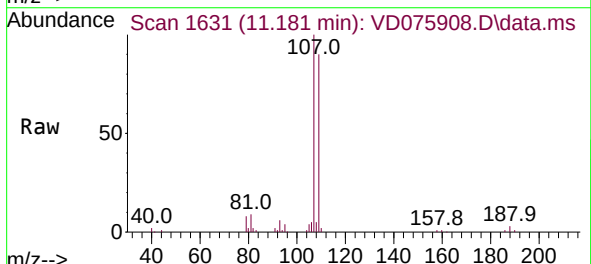
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

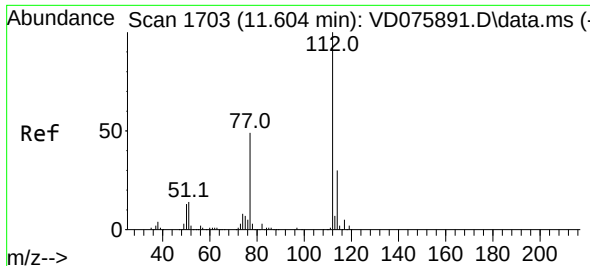
Tgt Ion:129 Resp: 118777
Ion Ratio Lower Upper
129 100
127 77.8 55.6 103.4



#50
1,2-Dibromoethane
Concen: 25.664 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion:107 Resp: 96098
Ion Ratio Lower Upper
107 100
109 90.1 67.6 125.6
188 3.4 3.0 4.6

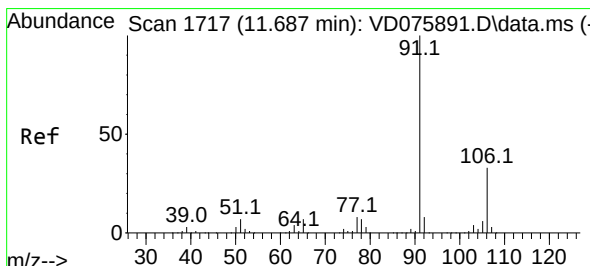
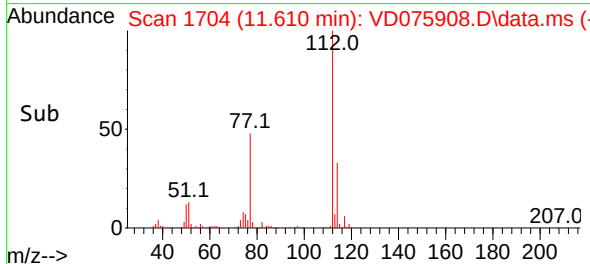
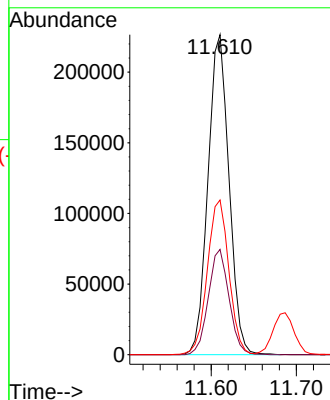
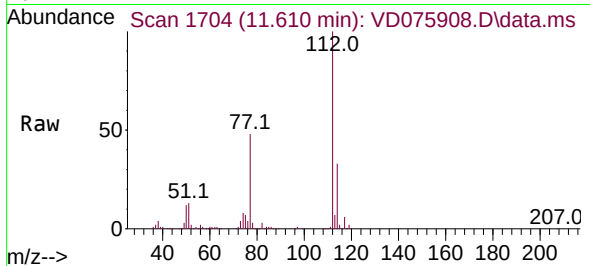




#51
Chlorobenzene
Concen: 25.856 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

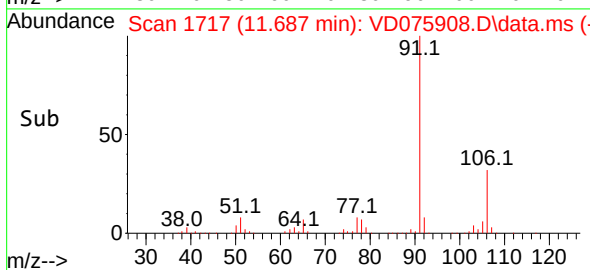
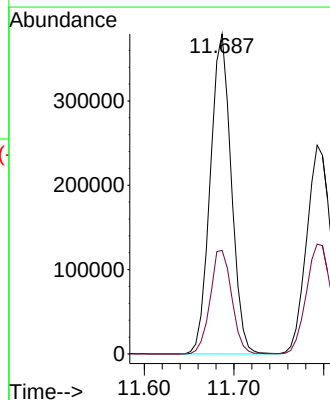
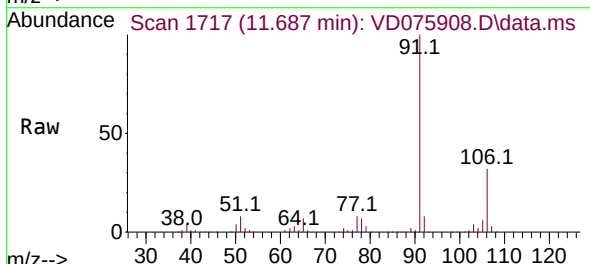
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

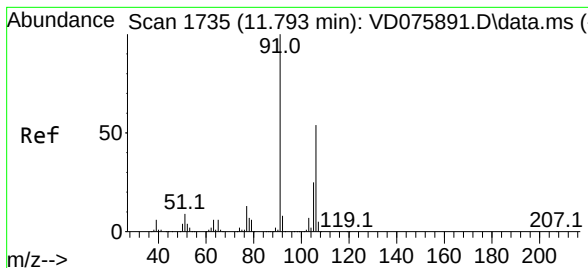
Tgt Ion:112 Resp: 389027
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 48.3 39.7 59.5



#52
Ethylbenzene
Concen: 26.178 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 91 Resp: 617395
Ion Ratio Lower Upper
91 100
106 32.3 23.7 43.9

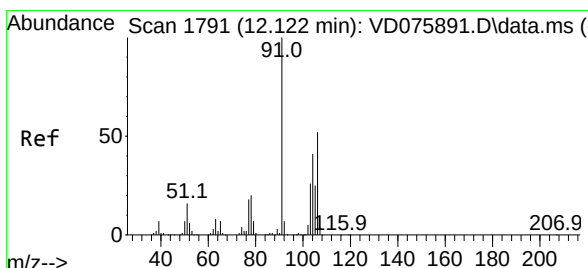
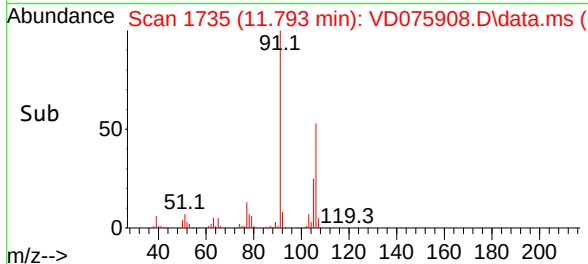
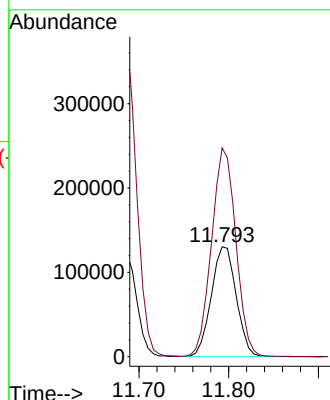
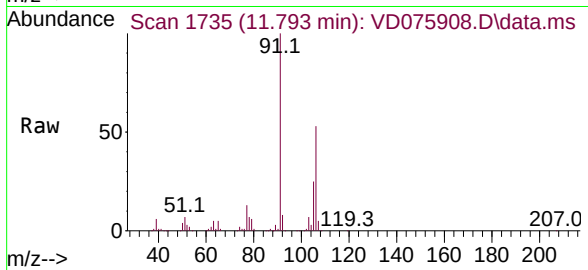




#53
m,p-Xylene
Concen: 26.760 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

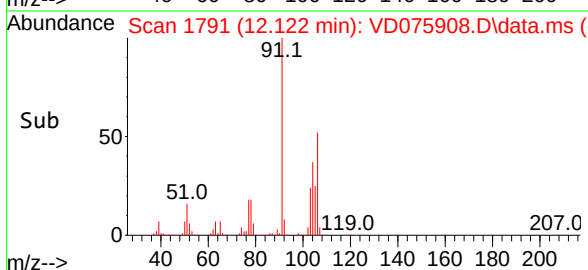
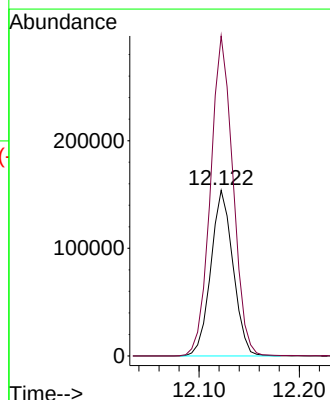
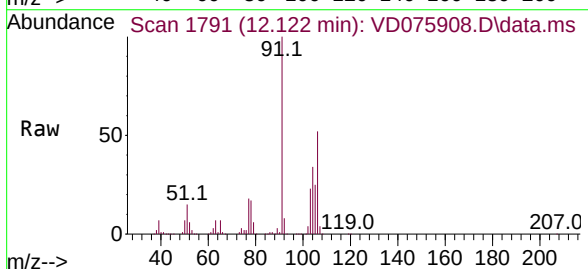
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

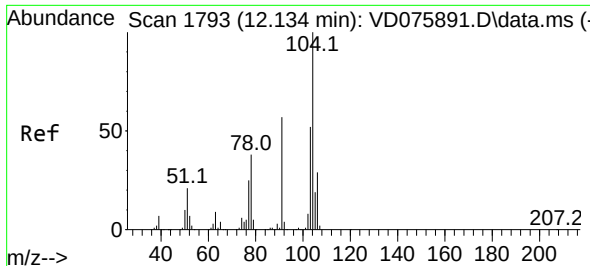
Tgt Ion:106 Resp: 251299
Ion Ratio Lower Upper
106 100
91 190.0 130.9 243.1



#54
o-Xylene
Concen: 26.606 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion:106 Resp: 237315
Ion Ratio Lower Upper
106 100
91 193.1 139.8 259.6

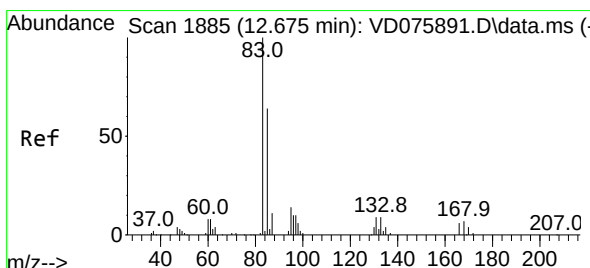
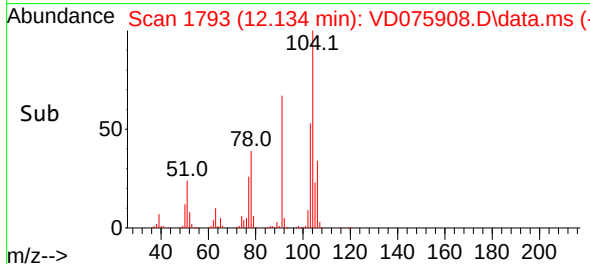
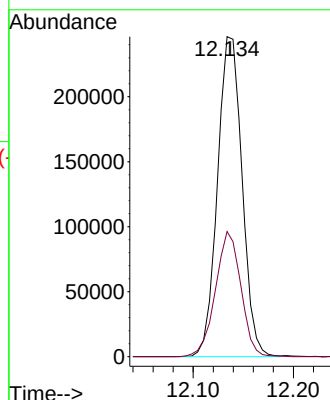
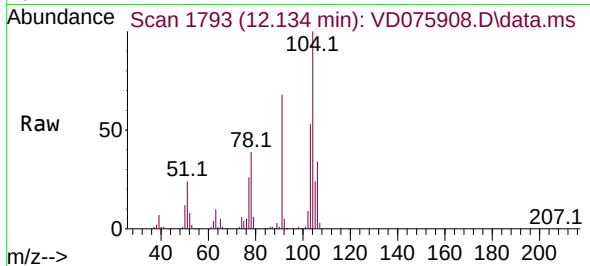




#55
Styrene
Concen: 27.029 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

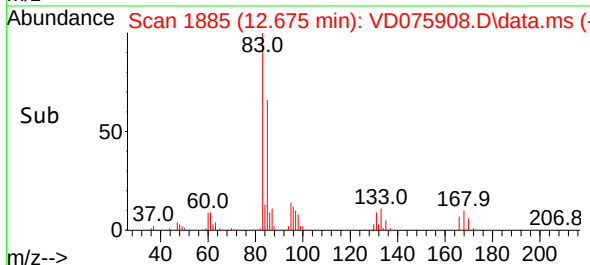
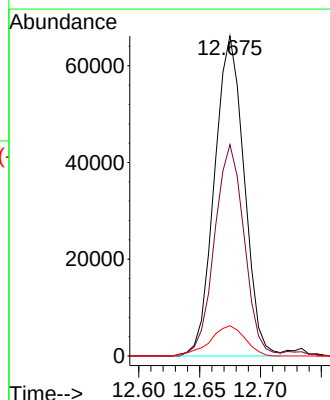
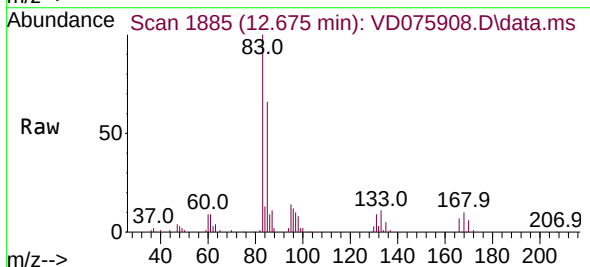
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

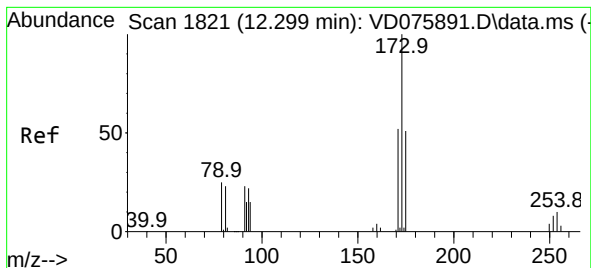
Tgt Ion:104 Resp: 419612
Ion Ratio Lower Upper
104 100
78 39.1 26.2 48.6



#57
1,1,2,2-Tetrachloroethane
Concen: 26.566 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 83 Resp: 112266
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.7
131 9.4 7.0 10.6





#59

Bromoform

Concen: 26.431 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

VSTD025139

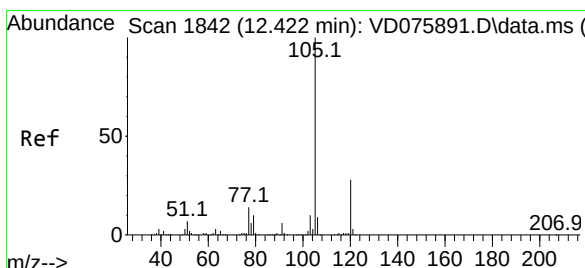
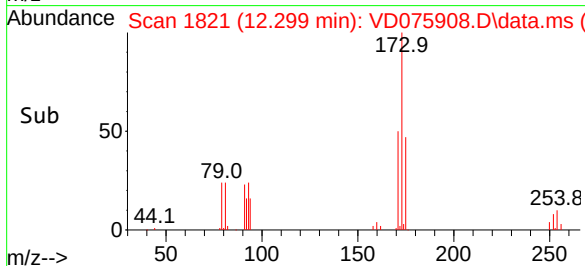
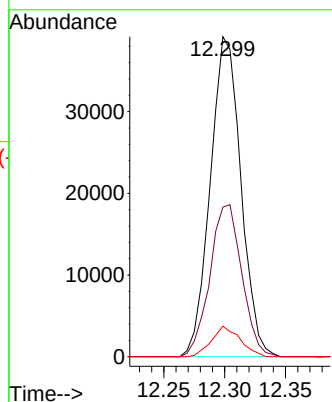
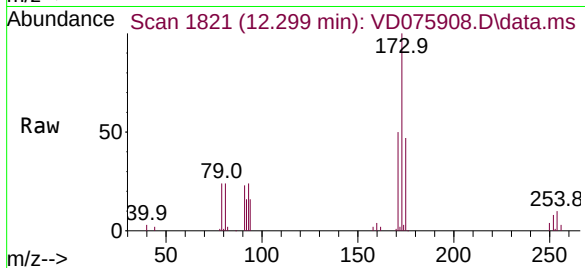
Tgt Ion:173 Resp: 68597

Ion Ratio Lower Upper

173 100

175 49.5 39.4 59.0

254 8.9 7.4 11.2



#60

Isopropylbenzene

Concen: 26.627 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

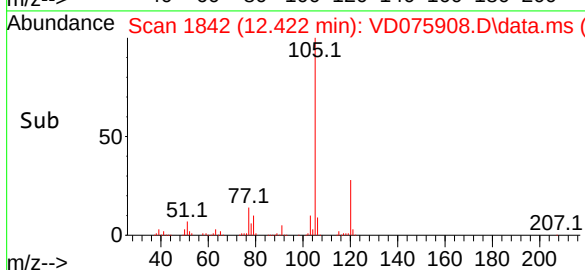
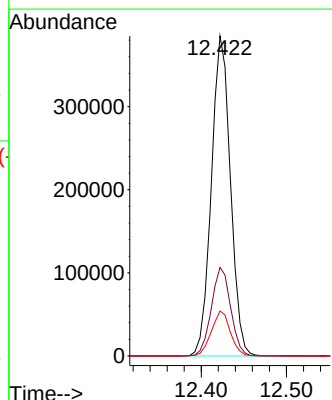
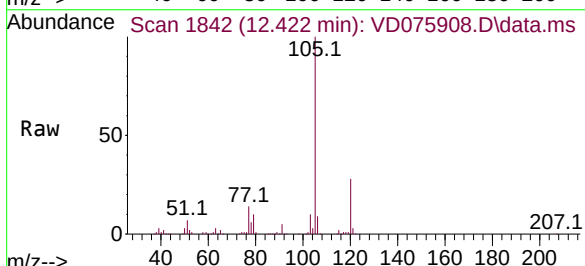
Tgt Ion:105 Resp: 597891

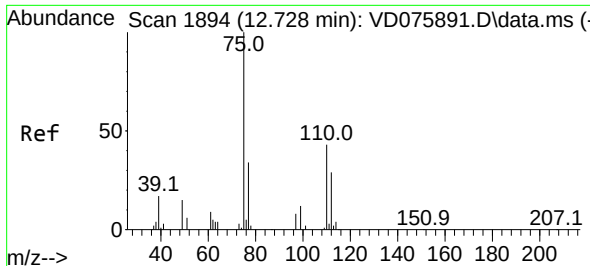
Ion Ratio Lower Upper

105 100

120 28.0 22.7 34.1

77 14.0 10.9 16.3

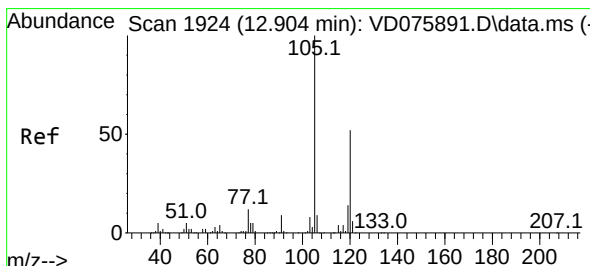
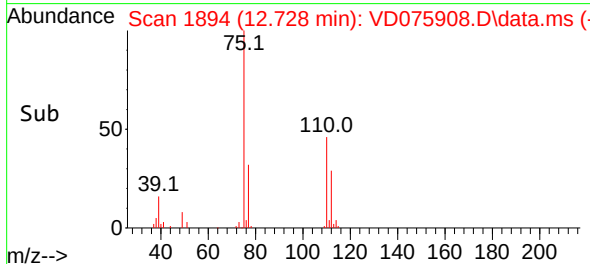
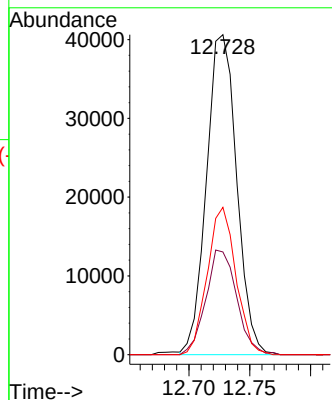
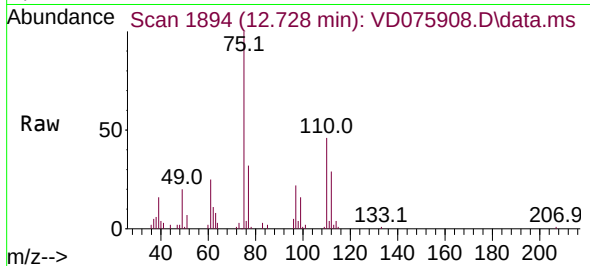




#61
1,2,3-Trichloropropane
Concen: 26.341 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

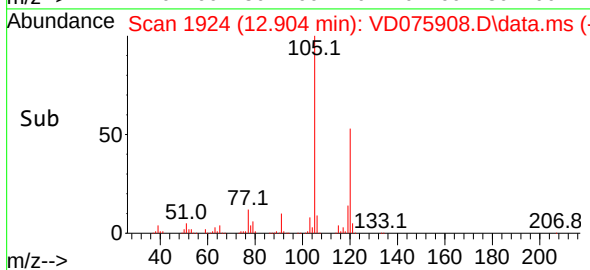
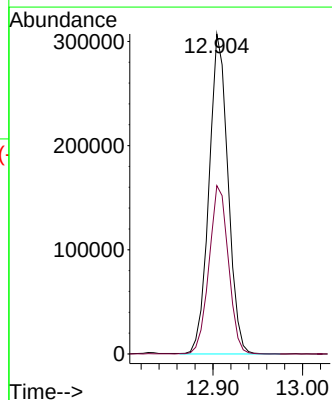
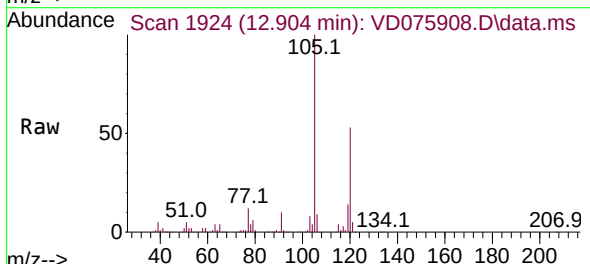
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

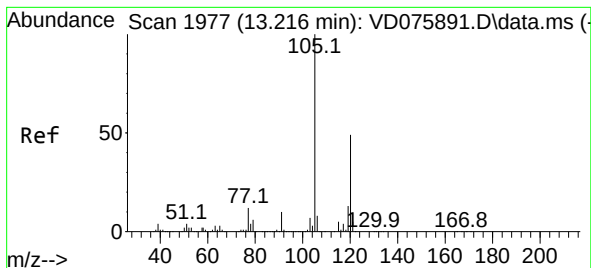
Tgt Ion:	75	Resp:	70072
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.6	39.8
110	43.7	33.5	50.3



#62
1,3,5-Trimethylbenzene
Concen: 26.926 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion:	105	Resp:	450838
Ion	Ratio	Lower	Upper
105	100		
120	53.6	42.0	63.0





#63

1,2,4-Trimethylbenzene

Concen: 27.224 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

Instrument :

MSVOA_D

ClientSampleId :

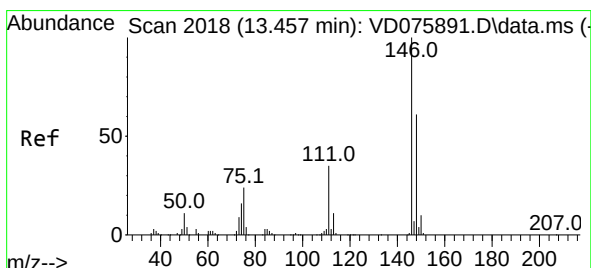
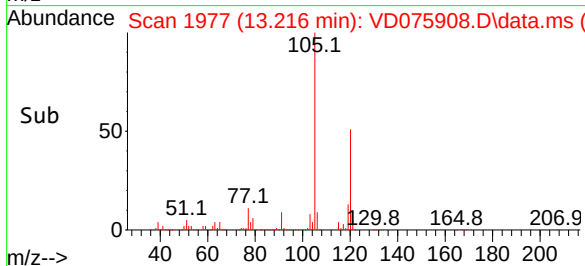
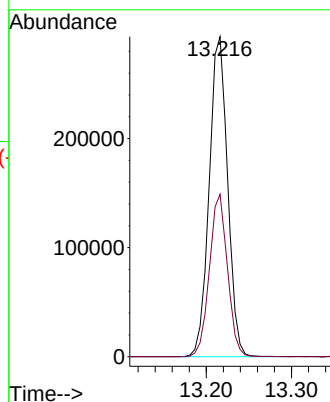
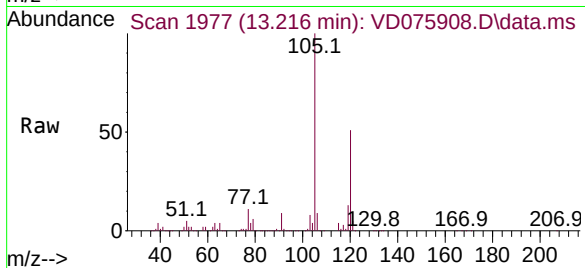
VSTD025139

Tgt Ion:105 Resp: 439402

Ion Ratio Lower Upper

105 100

120 49.7 39.0 58.6



#64

1,3-Dichlorobenzene

Concen: 26.025 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075908.D

Acq: 29 Apr 2023 01:19

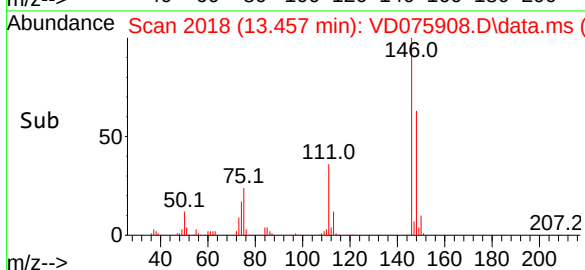
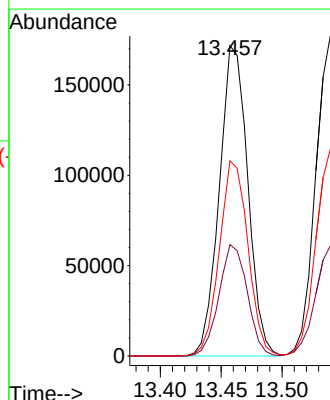
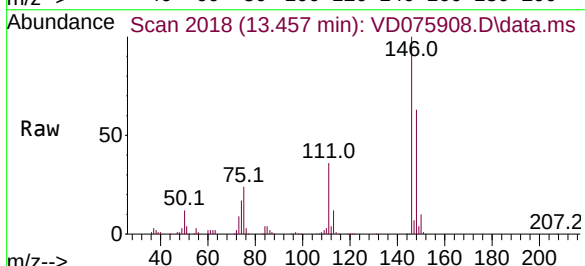
Tgt Ion:146 Resp: 279609

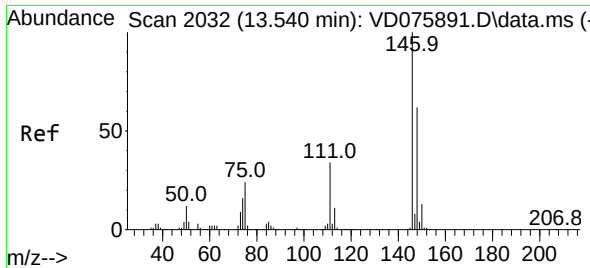
Ion Ratio Lower Upper

146 100

111 35.9 26.5 49.1

148 62.9 43.8 81.3

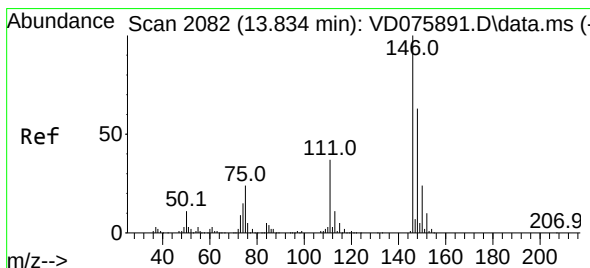
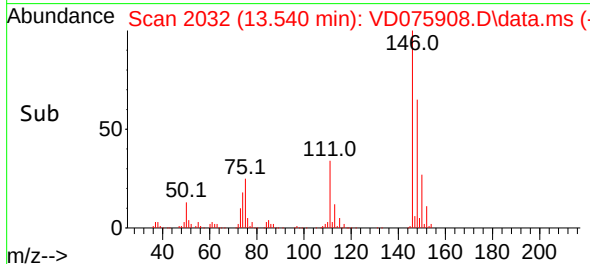
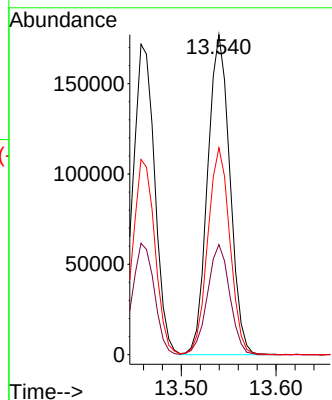
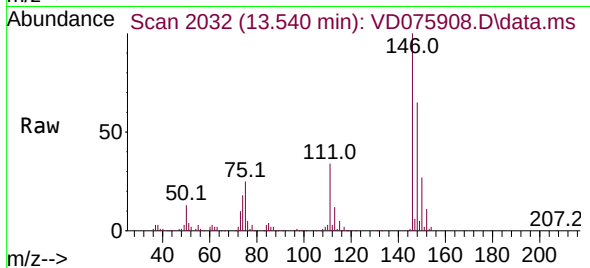




#65
1,4-Dichlorobenzene
Concen: 25.614 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

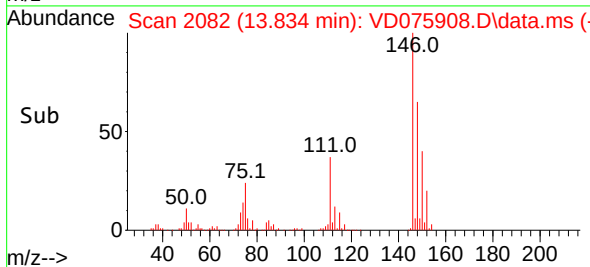
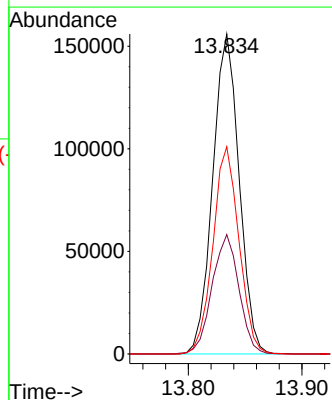
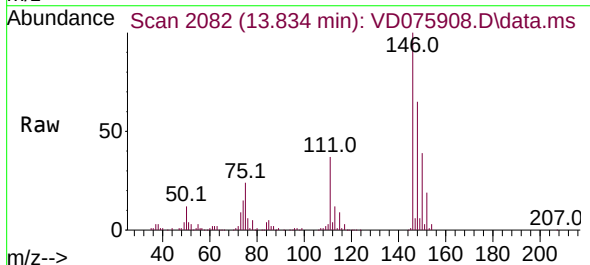
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

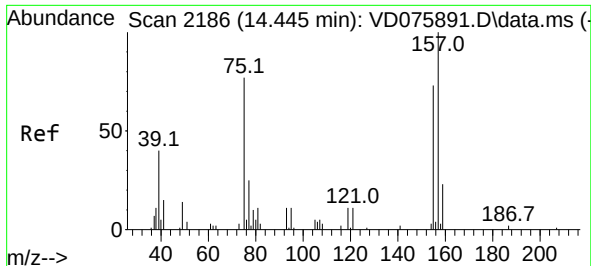
Tgt Ion:146 Resp: 288820
Ion Ratio Lower Upper
146 100
111 34.4 24.6 45.8
148 64.6 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 26.270 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion:146 Resp: 252048
Ion Ratio Lower Upper
146 100
111 37.3 30.6 46.0
148 64.7 51.4 77.0

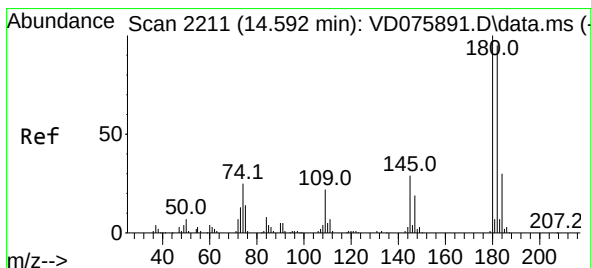
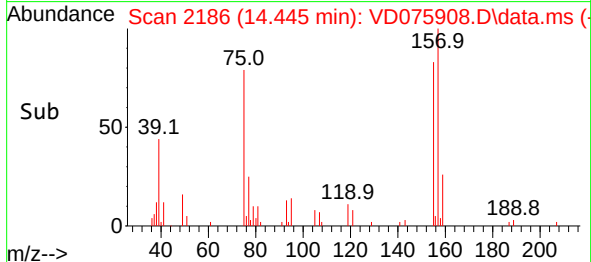
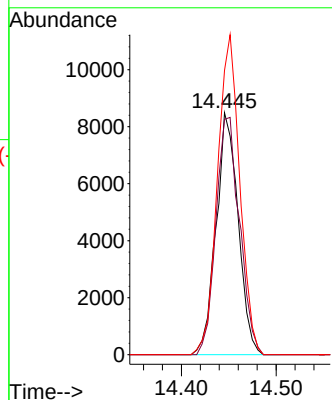
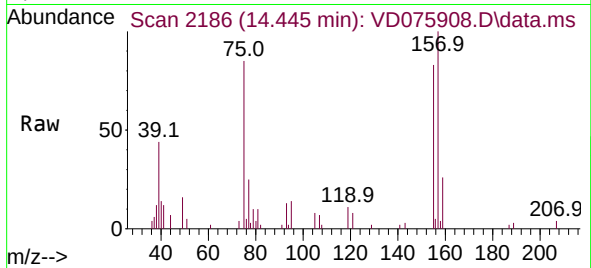




#68
1,2-Dibromo-3-chloropropane
Concen: 25.773 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

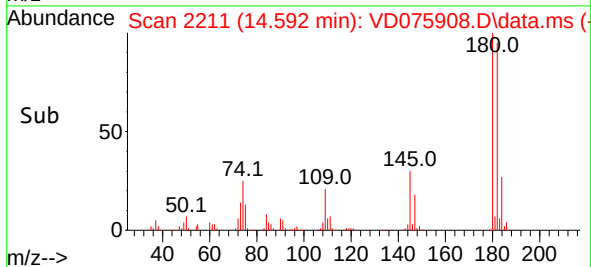
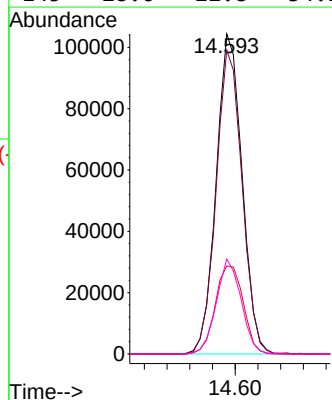
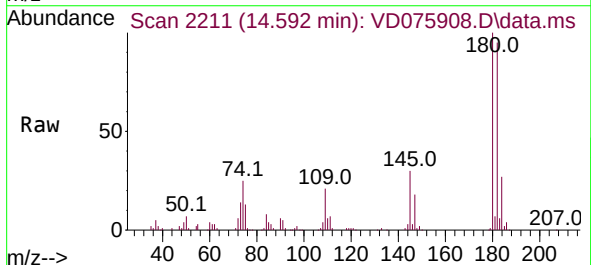
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

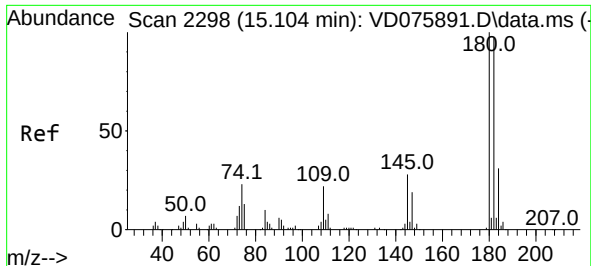
Tgt Ion: 75 Resp: 13706
Ion Ratio Lower Upper
75 100
155 97.3 74.6 111.8
157 117.5 109.4 164.2



#69
1,3,5-Trichlorobenzene
Concen: 22.919 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

Tgt Ion: 180 Resp: 165043
Ion Ratio Lower Upper
180 100
182 95.2 74.9 112.3
184 29.7 25.0 37.4
145 28.6 22.8 34.2

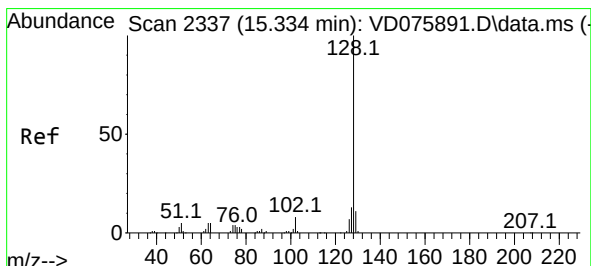
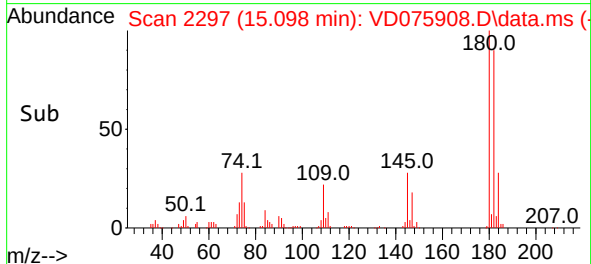
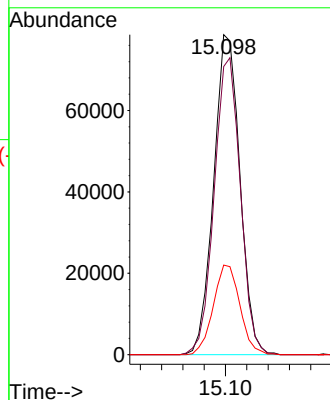
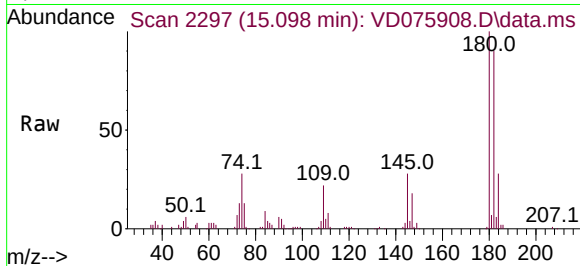




#70
1,2,4-trichlorobenzene
Concen: 22.559 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

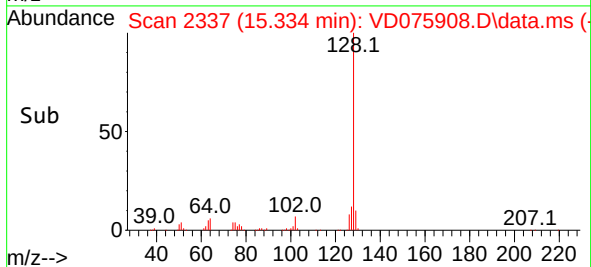
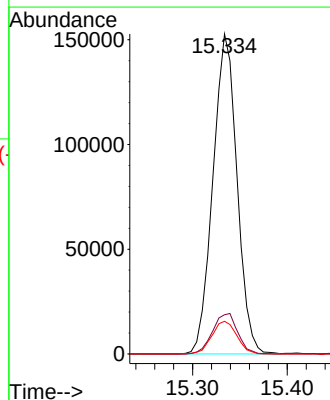
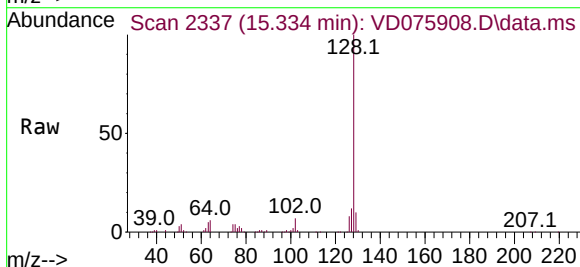
Instrument :
MSVOA_D
ClientSampleId :
VSTD025139

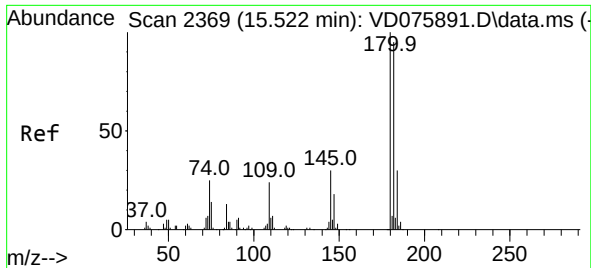
Tgt Ion:180 Resp: 134626
Ion Ratio Lower Upper
180 100
182 92.4 75.4 113.2
145 28.4 23.6 35.4



#71
Naphthalene
Concen: 24.759 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075908.D
Acq: 29 Apr 2023 01:19

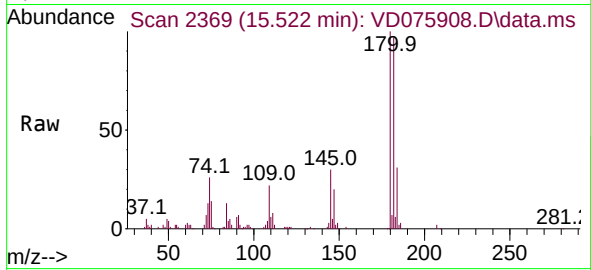
Tgt Ion:128 Resp: 270391
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 24.075 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075908.D
 Acq: 29 Apr 2023 01:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025139



Tgt Ion:	180	Resp:	128245
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.3	114.5
145	30.1	25.0	37.6

