

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077525.D
 Acq On : 09 Nov 2023 09:19
 Operator : JC/SY
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	334415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	135758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	49763	5.850	ug/L	0.00
7) Chloroethane-d5	2.805	69	36890	5.520	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	15364	5.841	ug/L	0.00
21) 2-Butanone-d5	6.993	46	12570	8.818	ug/L	0.00
24) Chloroform-d	7.569	84	50897	5.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	27273	5.307	ug/L	0.00
32) Benzene-d6	8.204	84	104960	5.368	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	33568	5.271	ug/L	0.00
41) Toluene-d8	10.269	98	94838	5.368	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	14317	5.214	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	10934	9.597	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	21671	5.136	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	25130	5.203	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30015	5.573	ug/L	98
3) Chloromethane	2.152	50	42806	5.524	ug/L	87
5) Vinyl chloride	2.287	62	48170	5.508	ug/L	96
6) Bromomethane	2.699	94	23966	5.147	ug/L	94
8) Chloroethane	2.846	64	30195	5.554	ug/L	98
9) Trichlorofluoromethane	3.181	101	43867	5.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	26995	5.512	ug/L #	82
12) 1,1-Dichloroethene	3.946	96	26556	5.555	ug/L	95
13) Acetone	4.028	43	13786	8.906	ug/L	99
14) Carbon disulfide	4.275	76	97010	5.665	ug/L	99
15) Methyl Acetate	4.563	43	13739	5.394	ug/L	93
16) Methylene chloride	4.810	84	32492	5.751	ug/L	94
17) trans-1,2-Dichloroethene	5.322	96	27311	5.459	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	63099	5.374	ug/L #	79
19) 1,1-Dichloroethane	6.116	63	55045	5.484	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	28251	5.198	ug/L	88
22) 2-Butanone	7.087	43	16777	8.903	ug/L #	56
23) Bromochloromethane	7.428	128	11916	5.456	ug/L	94
25) Chloroform	7.599	83	48676	5.279	ug/L	99
27) 1,2-Dichloroethane	8.334	62	33148	5.423	ug/L	97
29) Cyclohexane	7.881	56	54830	5.606	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	44476	5.640	ug/L	98
31) Carbon tetrachloride	7.993	117	37783	5.575	ug/L	100
33) Benzene	8.251	78	112557	5.388	ug/L	100
34) Trichloroethene	9.034	95	27970	5.403	ug/L	92
35) Methylcyclohexane	9.275	83	51606	5.527	ug/L	99
37) 1,2-Dichloropropane	9.304	63	31855	5.485	ug/L	99
38) Bromodichloromethane	9.587	83	36606	5.495	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	48308	5.413	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	37181	10.506	ug/L	98
42) Toluene	10.334	91	117581	5.361	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	38936	5.280	ug/L	100

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 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

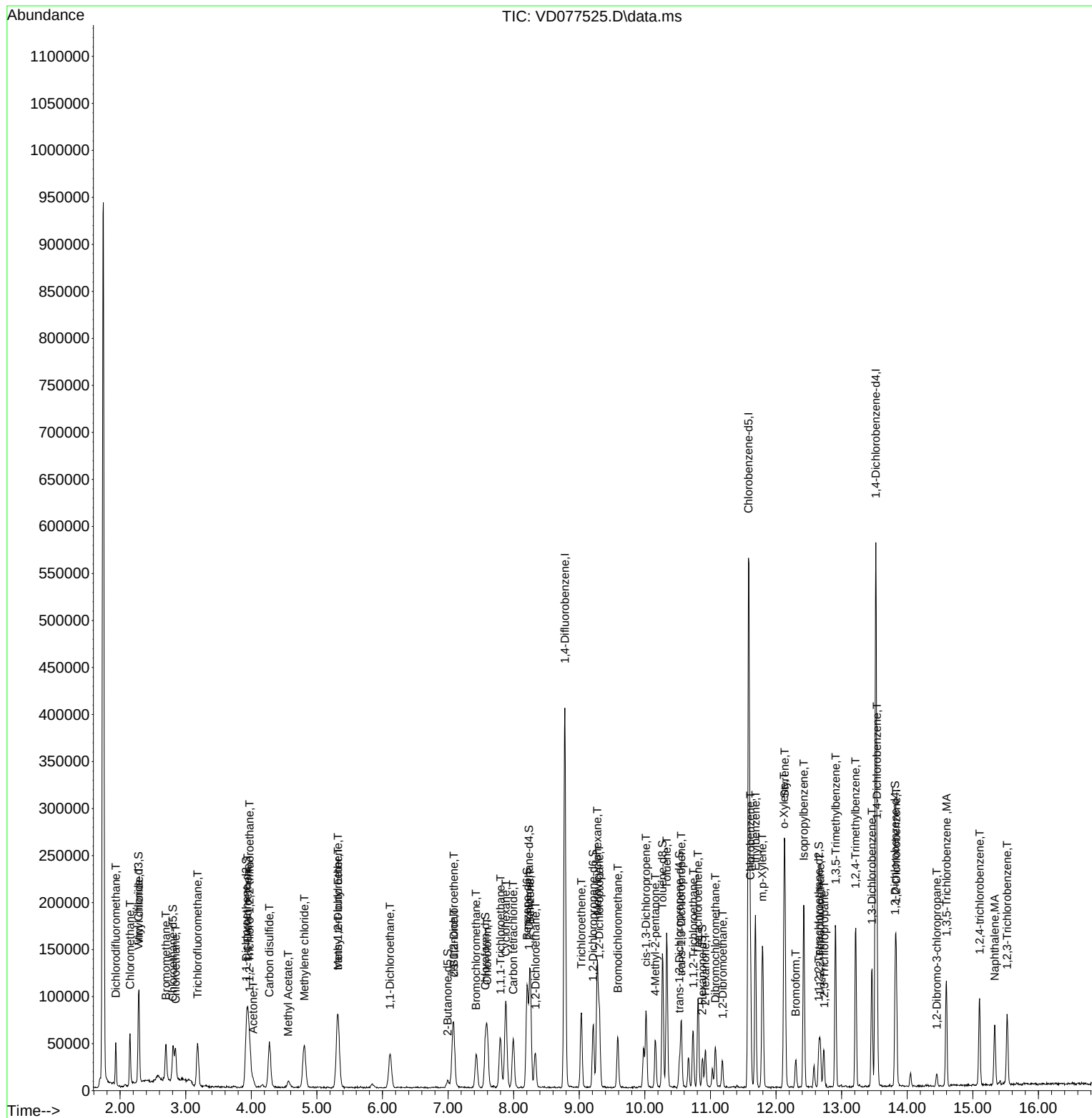
45) 1,1,2-Trichloroethane	10.740	97	18715	5.272	ug/L	95
46) Tetrachloroethene	10.810	164	20525	5.389	ug/L	92
48) 2-Hexanone	10.922	43	27984	9.976	ug/L	99
49) Dibromochloromethane	11.075	129	21629	5.364	ug/L	94
50) 1,2-Dibromoethane	11.187	107	18461	5.438	ug/L #	92
51) Chlorobenzene	11.610	112	68925	5.364	ug/L	99
52) Ethylbenzene	11.687	91	128561	5.327	ug/L	94
53) m,p-Xylene	11.792	106	46659	5.313	ug/L	92
54) o-Xylene	12.122	106	43202	5.136	ug/L	90
55) Styrene	12.134	104	76804	5.230	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	21715	5.192	ug/L #	97
59) Bromoform	12.298	173	12531	5.414	ug/L #	98
60) Isopropylbenzene	12.422	105	122533	5.580	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	16774	5.801	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	88908	5.335	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	90888	5.384	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	50208	5.573	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	49946	5.494	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	43274	5.433	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	3336	5.304	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	33295	5.428	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	27658	5.350	ug/L	99
71) Naphthalene	15.333	128	51963	5.333	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	23852	5.411	ug/L	99

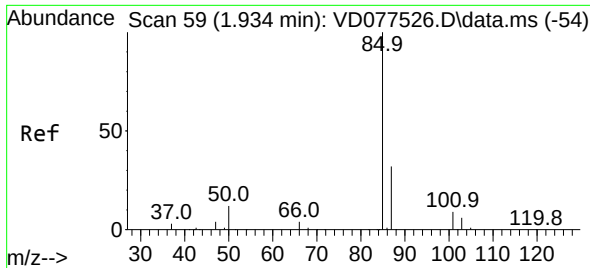
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077525.D
 Acq On : 09 Nov 2023 09:19
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 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:04:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
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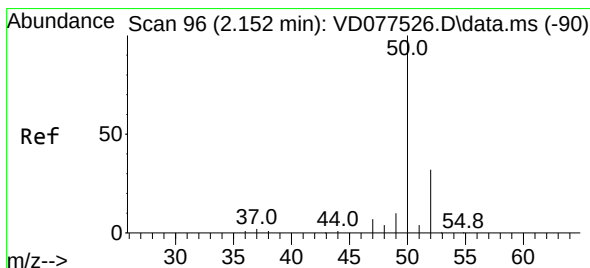
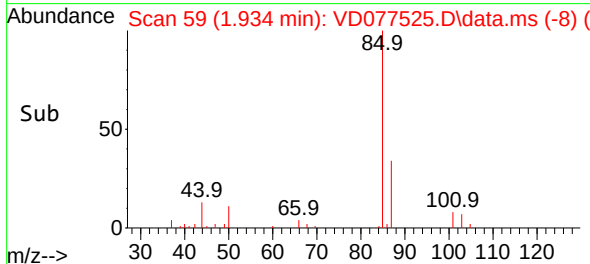
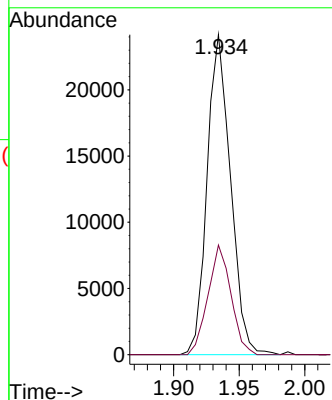
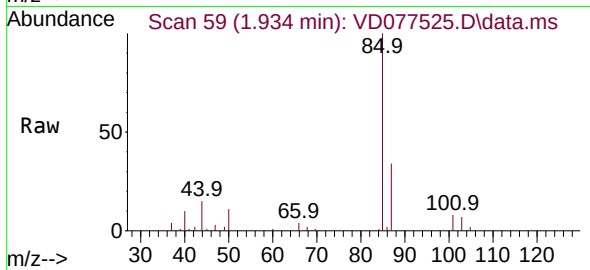




#2
 Dichlorodifluoromethane
 Concen: 5.573 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

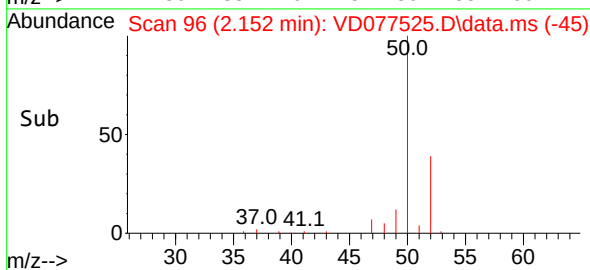
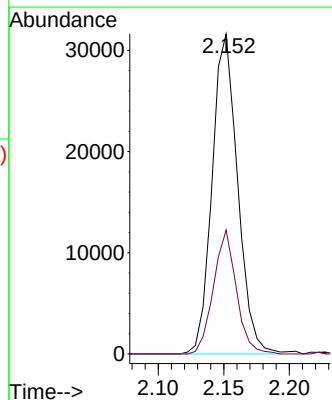
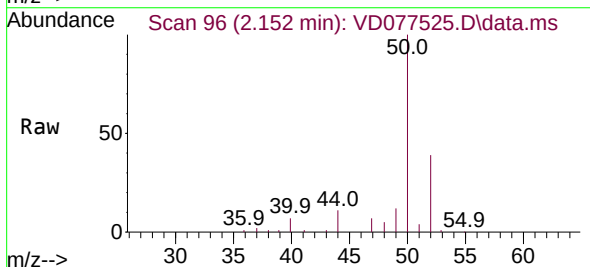
Instrument :
 MSVOA_D
 ClientSampleId :

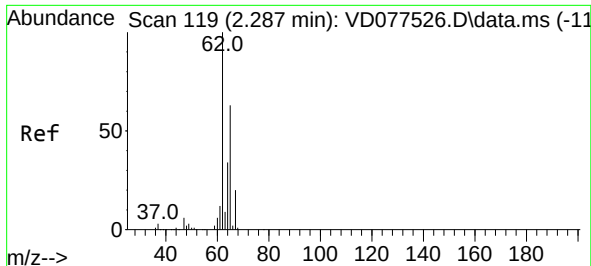
Tgt Ion: 85 Resp: 30015
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.2 39.2



#3
 Chloromethane
 Concen: 5.524 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

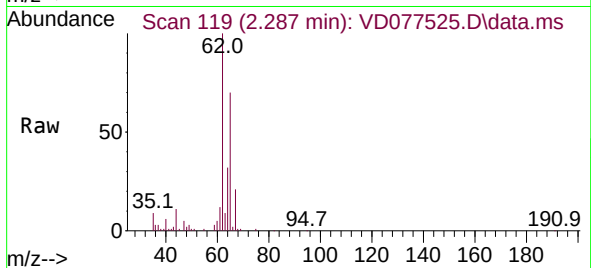
Tgt Ion: 50 Resp: 42806
 Ion Ratio Lower Upper
 50 100
 52 38.7 22.1 41.1



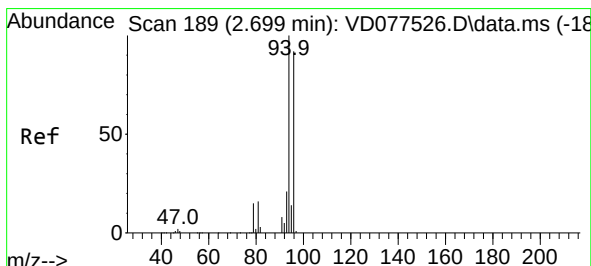
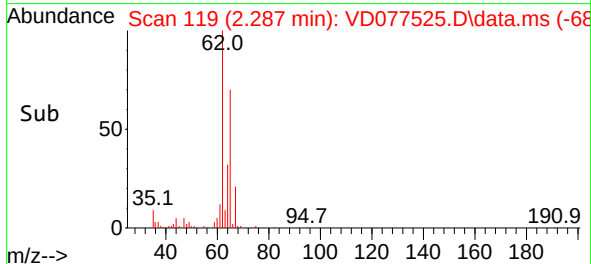
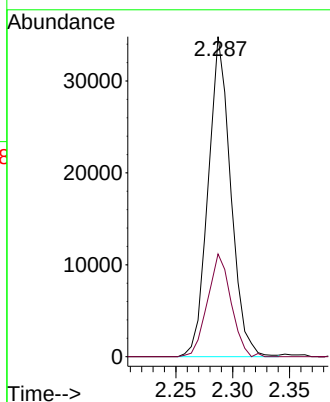


#5
 Vinyl chloride
 Concen: 5.508 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

Instrument :
 MSVOA_D
 ClientSampleId :

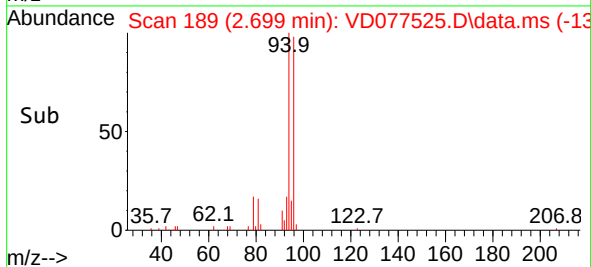
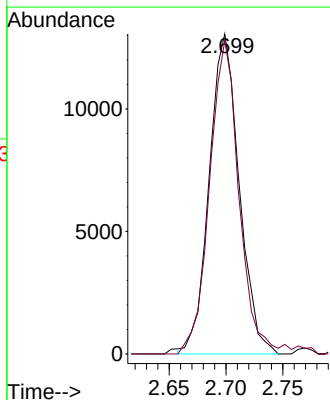
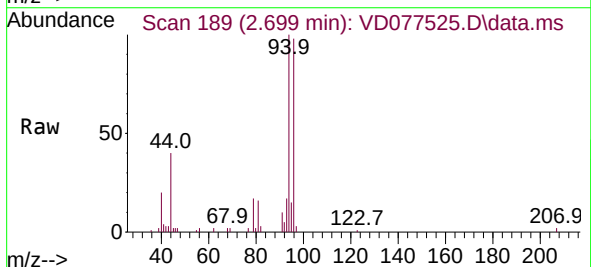


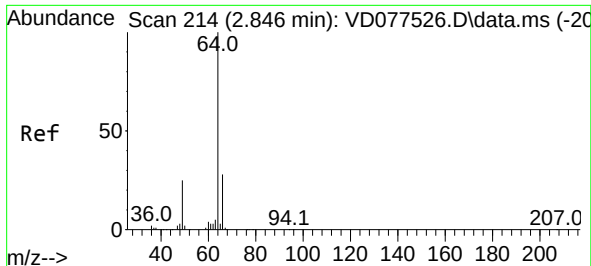
Tgt Ion: 62 Resp: 48170
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.9 44.5



#6
 Bromomethane
 Concen: 5.147 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

Tgt Ion: 94 Resp: 23966
 Ion Ratio Lower Upper
 94 100
 96 97.9 64.5 119.9

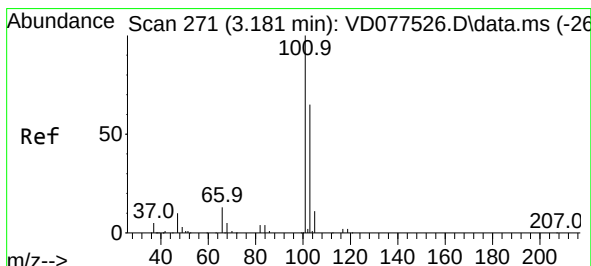
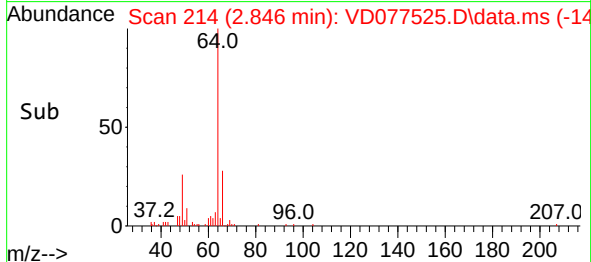
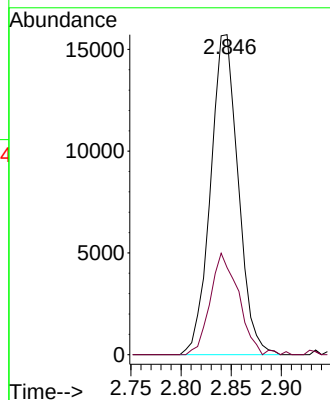
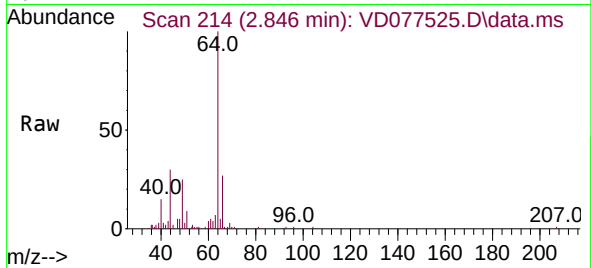




#8
Chloroethane
Concen: 5.554 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

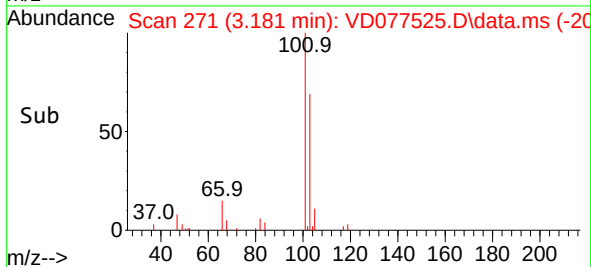
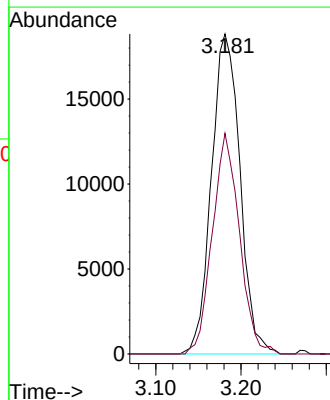
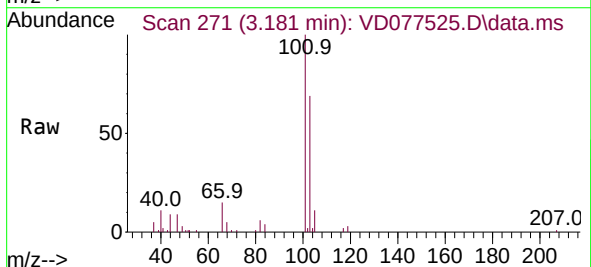
Instrument :
MSVOA_D
ClientSampleId :

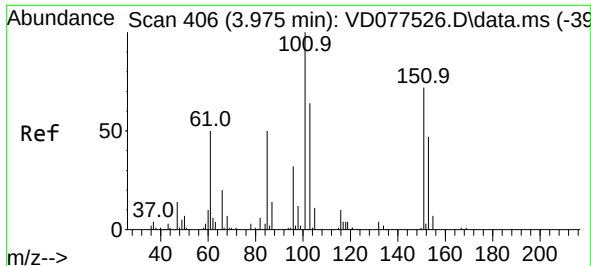
Tgt Ion: 64 Resp: 30195
Ion Ratio Lower Upper
64 100
66 27.2 19.8 36.8



#9
Trichlorofluoromethane
Concen: 5.512 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

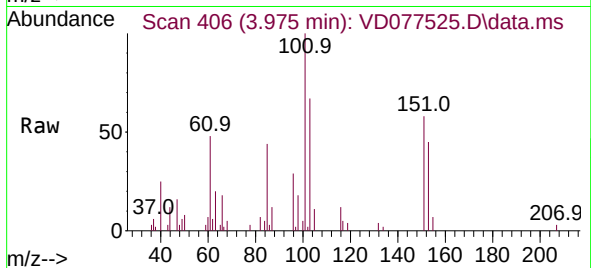
Tgt Ion:101 Resp: 43867
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9



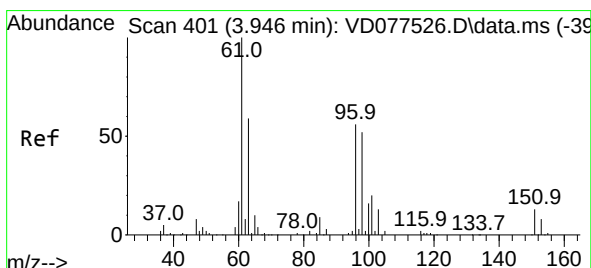
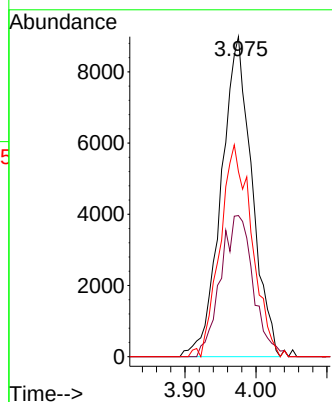
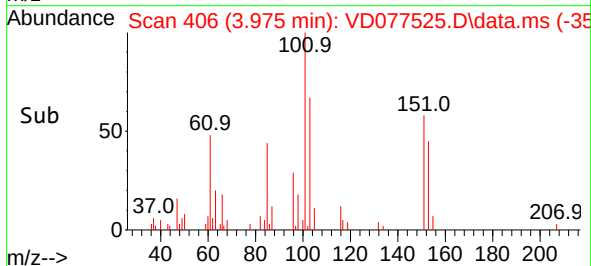


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.512 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

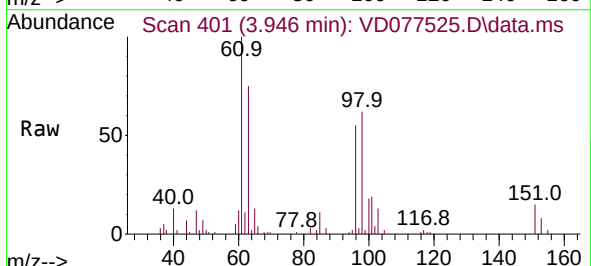
Instrument :
 MSVOA_D
 ClientSampleId :



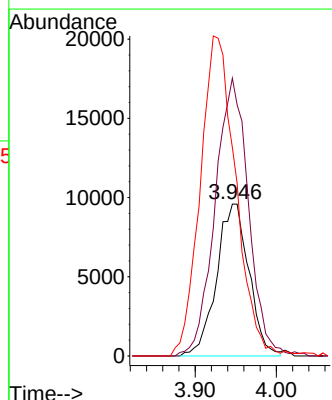
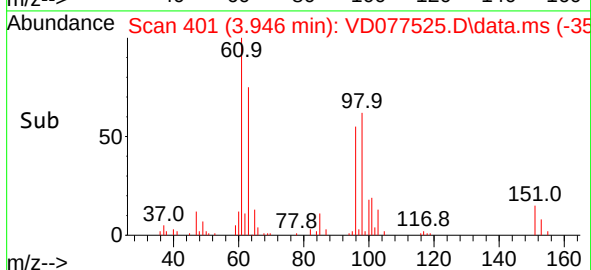
Tgt Ion: 101 Resp: 26995
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.8 55.2
 151 46.9 56.6 84.8#

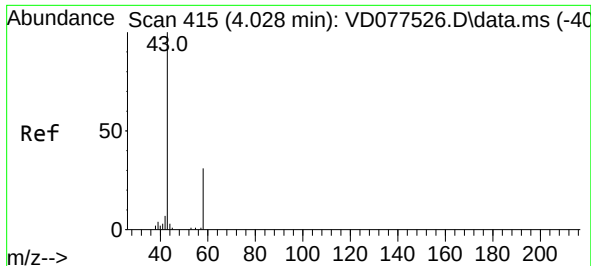


#12
 1,1-Dichloroethene
 Concen: 5.555 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19



Tgt Ion: 96 Resp: 26556
 Ion Ratio Lower Upper
 96 100
 61 182.9 127.5 236.9
 63 137.3 86.4 160.4





#13

Acetone

Concen: 8.906 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

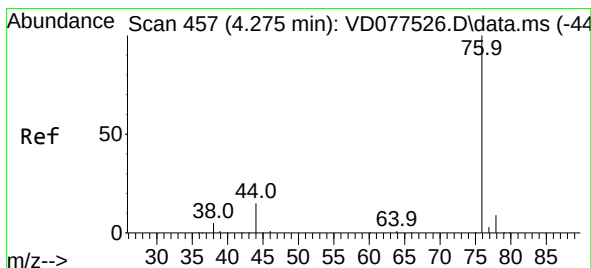
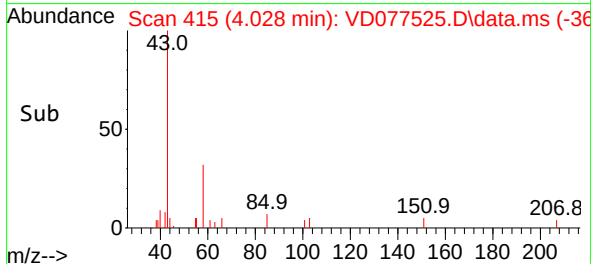
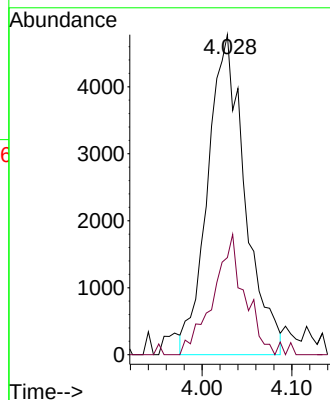
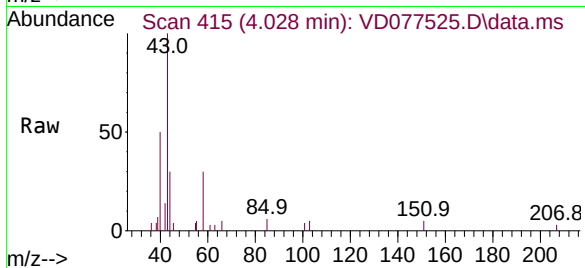
ClientSampleId :

Tgt Ion: 43 Resp: 13786

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0



#14

Carbon disulfide

Concen: 5.665 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD077525.D

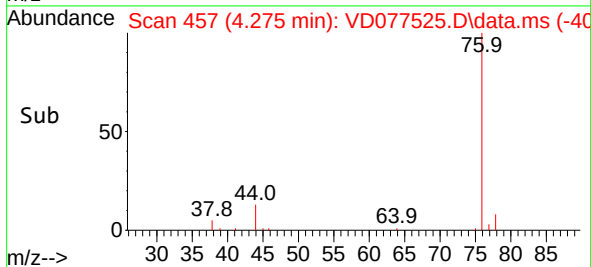
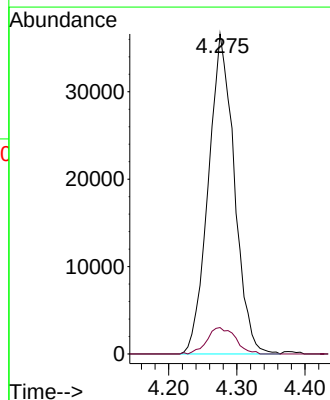
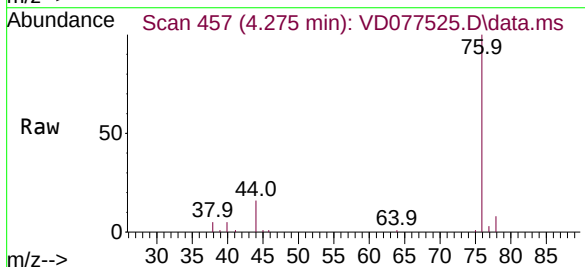
Acq: 09 Nov 2023 09:19

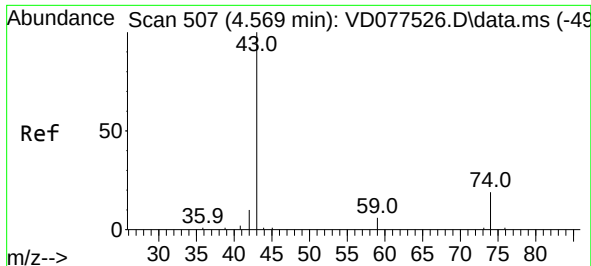
Tgt Ion: 76 Resp: 97010

Ion Ratio Lower Upper

76 100

78 8.3 6.9 10.3

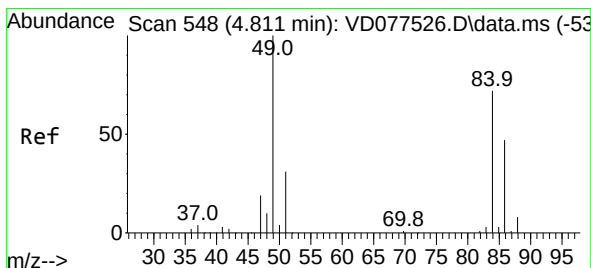
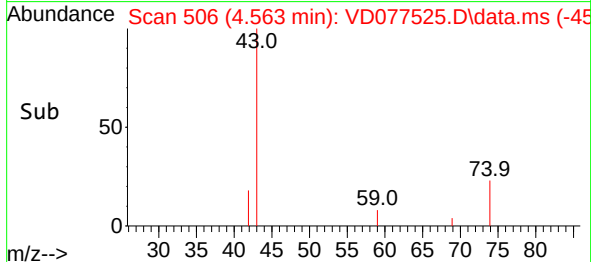
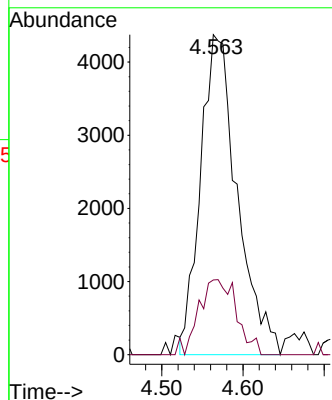
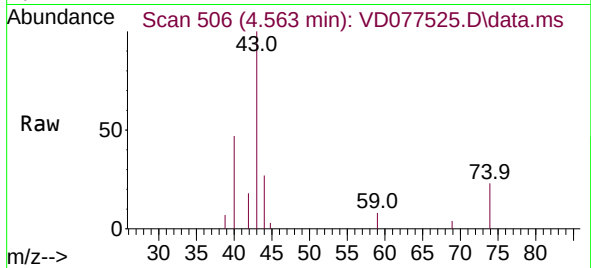




#15
Methyl Acetate
Concen: 5.394 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

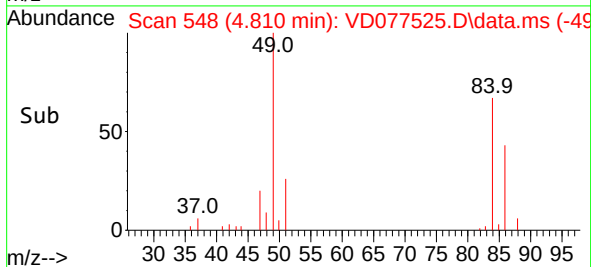
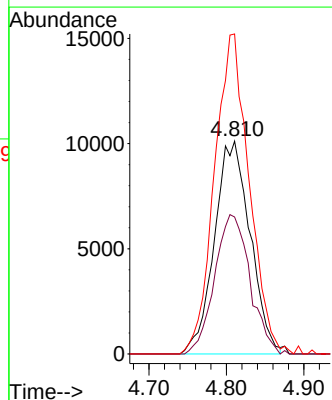
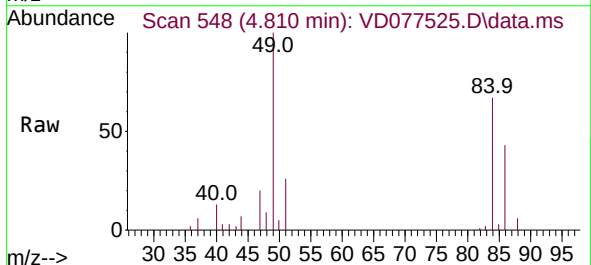
Instrument :
MSVOA_D
ClientSampleId :

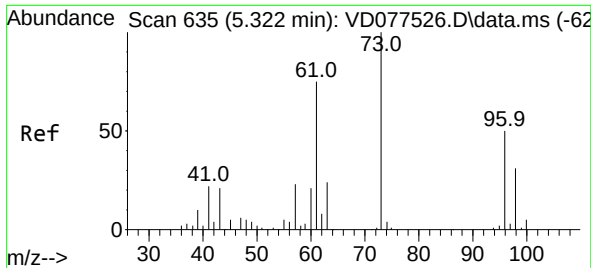
Tgt Ion: 43 Resp: 13739
Ion Ratio Lower Upper
43 100
74 17.4 16.6 24.8



#16
Methylene chloride
Concen: 5.751 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

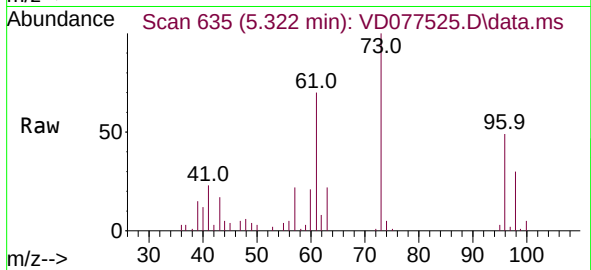
Tgt Ion: 84 Resp: 32492
Ion Ratio Lower Upper
84 100
86 64.3 46.5 86.5
49 150.4 98.3 182.7



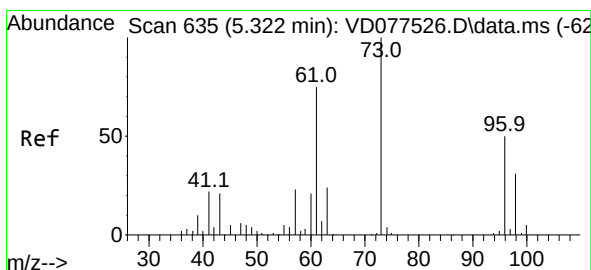
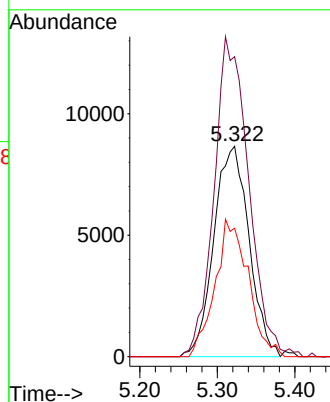
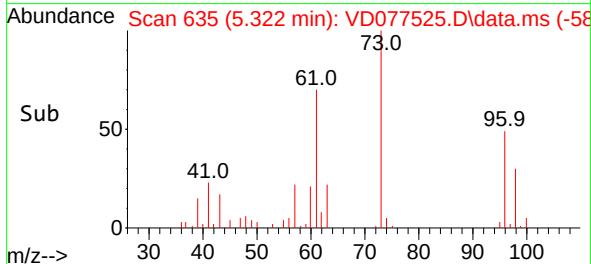


#17
trans-1,2-Dichloroethene
Concen: 5.459 ug/L
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

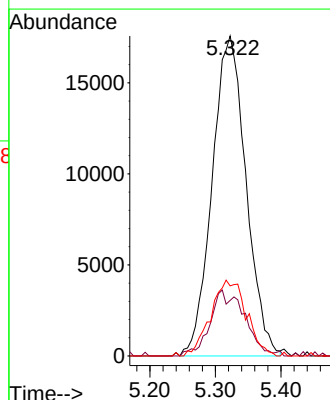
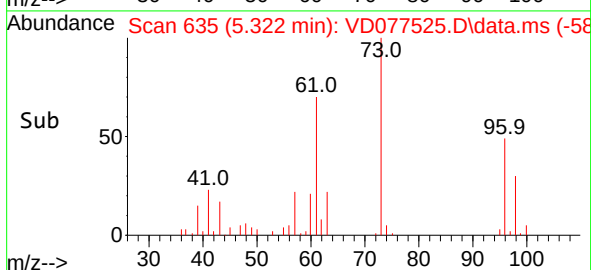
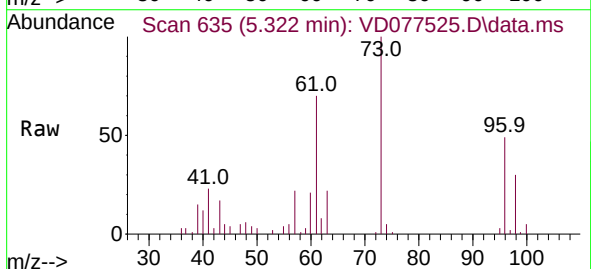


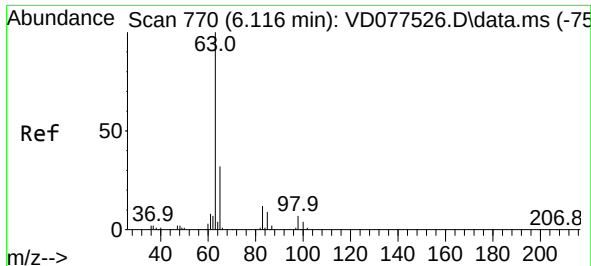
Tgt Ion: 96 Resp: 27311
Ion Ratio Lower Upper
96 100
61 142.5 104.0 193.2
98 61.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 5.374 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion: 73 Resp: 63099
Ion Ratio Lower Upper
73 100
43 10.6 16.4 24.6#
57 14.2 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 5.484 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

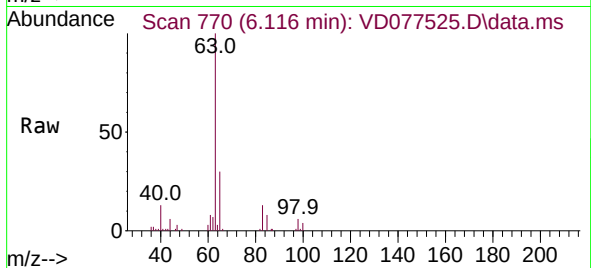
Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

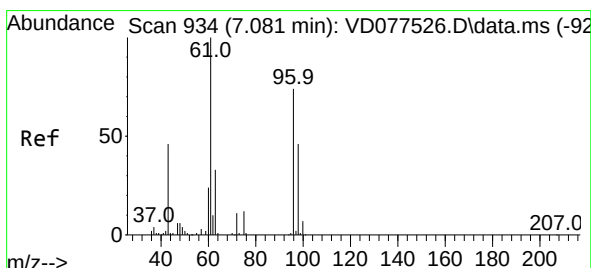
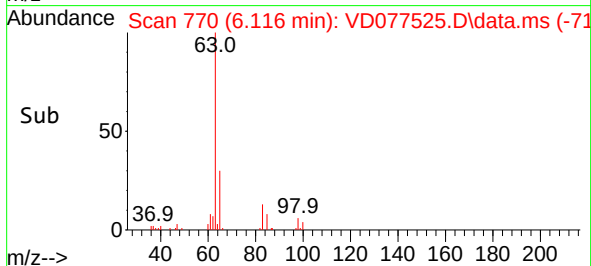
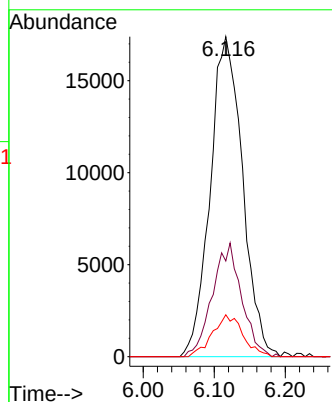
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	63	Resp:	55045
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.6	42.0
83	13.1	8.8	16.3



#20

cis-1,2-Dichloroethene

Concen: 5.198 ug/L

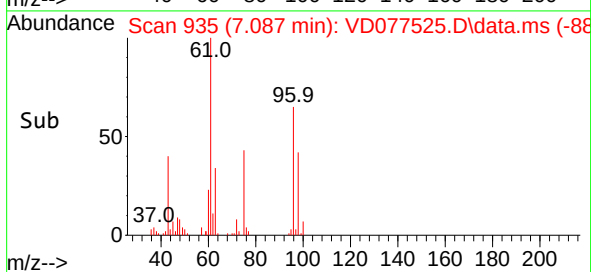
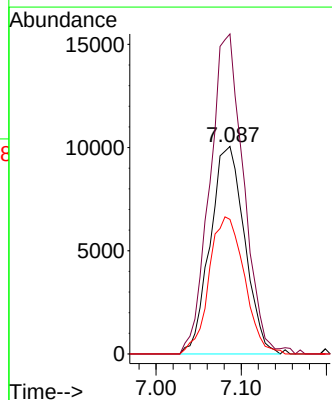
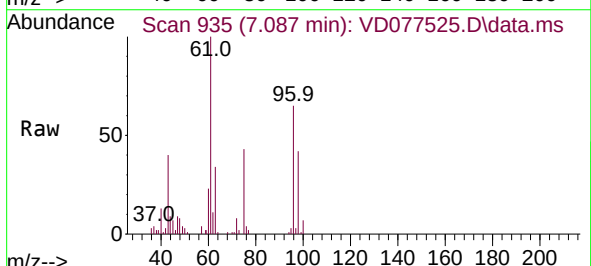
RT: 7.087 min Scan# 935

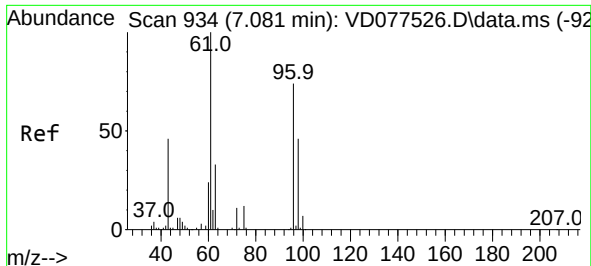
Delta R.T. 0.006 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

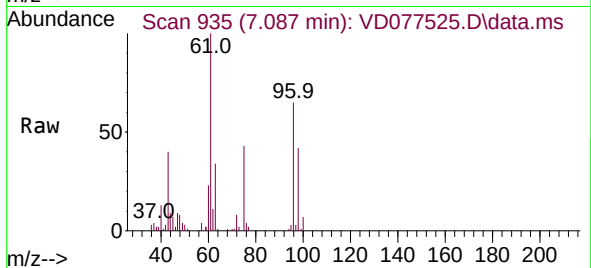
Tgt Ion:	96	Resp:	28251
Ion	Ratio	Lower	Upper
96	100		
61	154.2	95.0	176.4
98	64.9	43.1	80.1



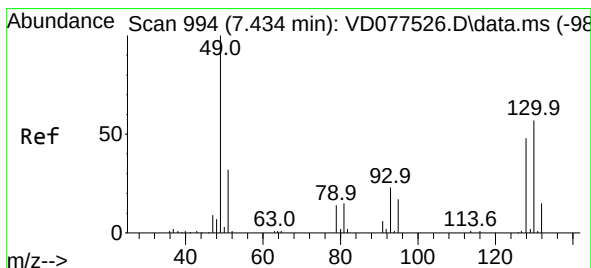
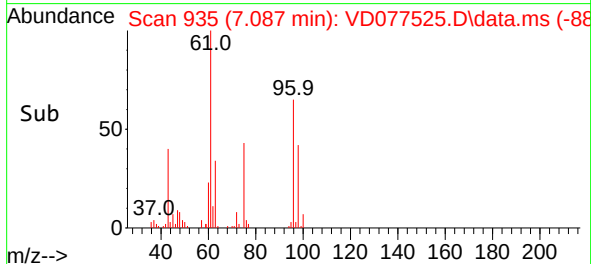
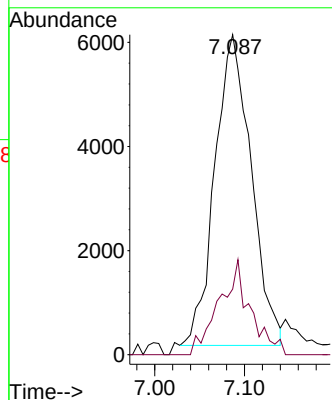


#22
2-Butanone
Concen: 8.903 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

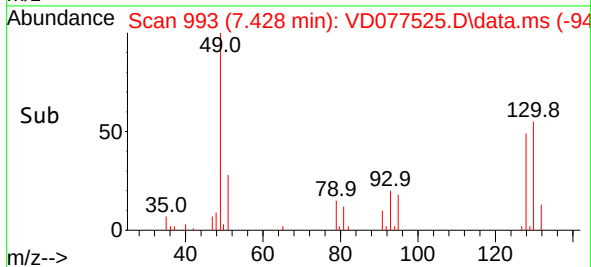
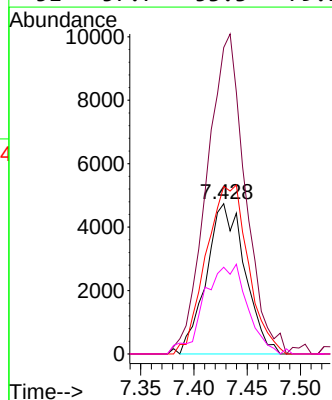
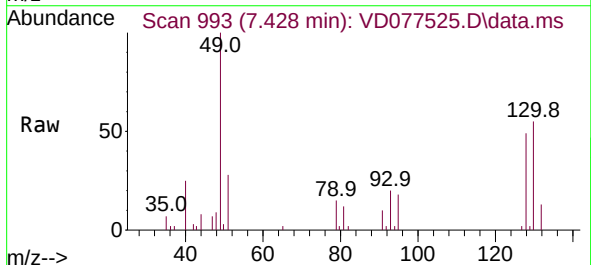


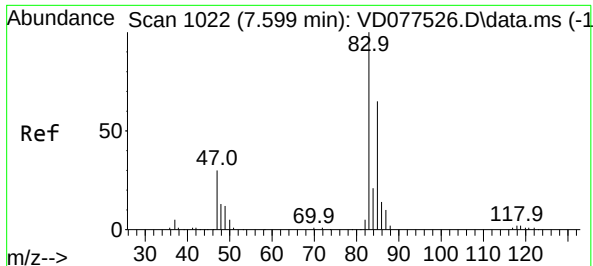
Tgt Ion: 43 Resp: 16777
Ion Ratio Lower Upper
43 100
72 3.6 12.8 38.4#



#23
Bromochloromethane
Concen: 5.456 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion:128 Resp: 11916
Ion Ratio Lower Upper
128 100
49 204.0 146.7 272.5
130 111.5 83.2 154.6
51 57.7 53.3 79.9





#25

Chloroform

Concen: 5.279 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

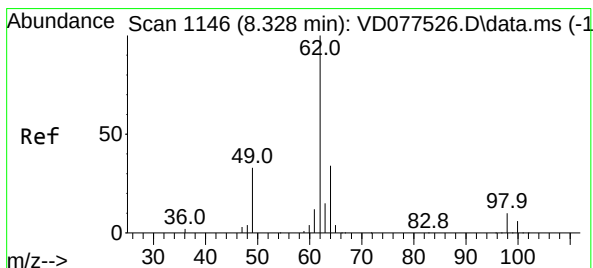
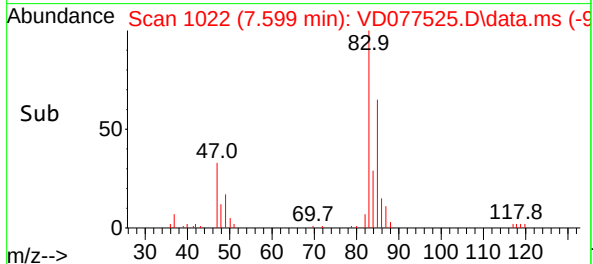
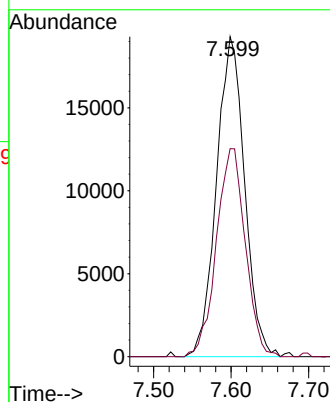
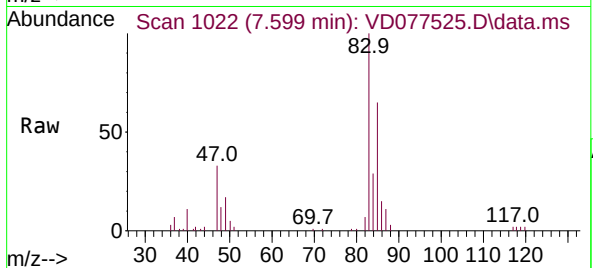
ClientSampleId :

Tgt Ion: 83 Resp: 48676

Ion Ratio Lower Upper

83 100

85 65.0 45.9 85.3



#27

1,2-Dichloroethane

Concen: 5.423 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD077525.D

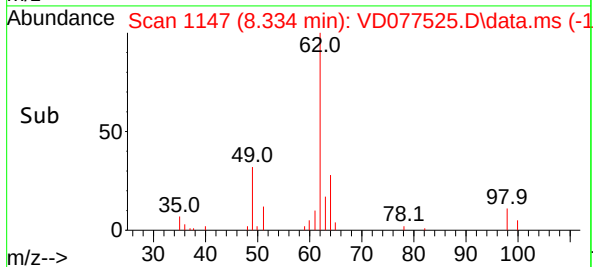
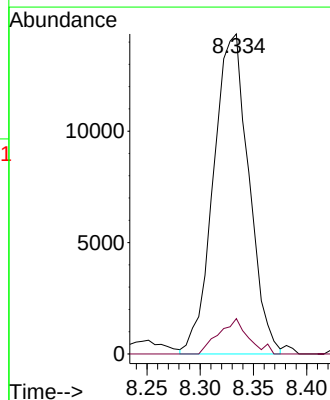
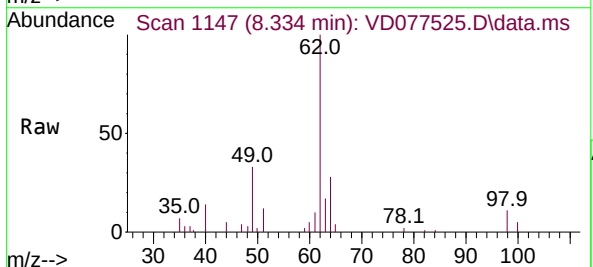
Acq: 09 Nov 2023 09:19

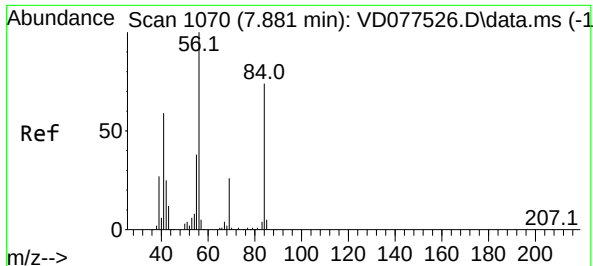
Tgt Ion: 62 Resp: 33148

Ion Ratio Lower Upper

62 100

98 11.0 8.0 12.0





#29

Cyclohexane

Concen: 5.606 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077525.D

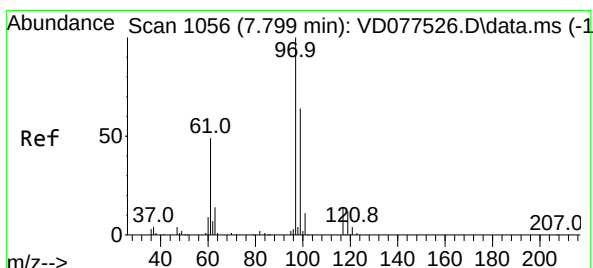
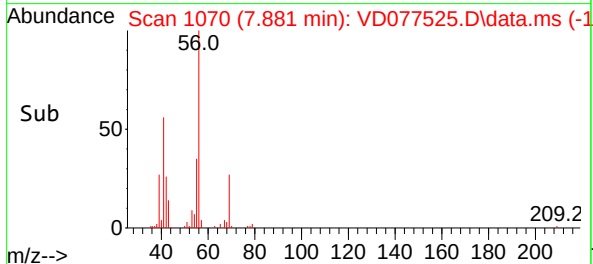
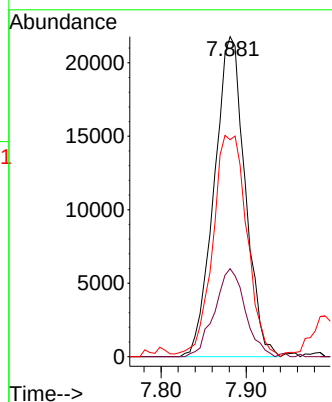
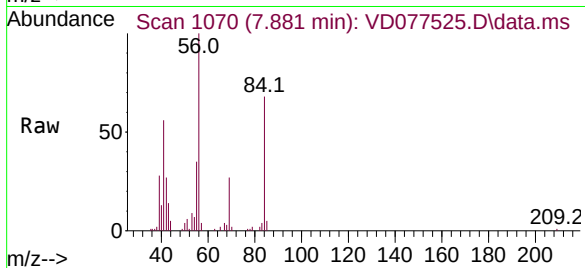
Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56	Resp: 54830
Ion Ratio	Lower Upper
56 100	
69 27.2	22.6 33.8
84 76.4	63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 5.640 ug/L

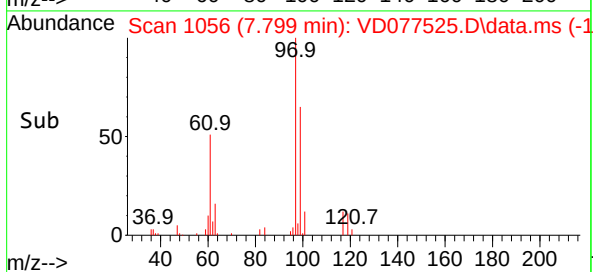
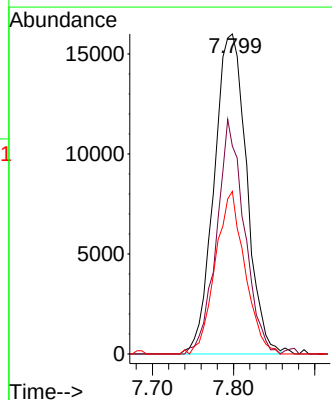
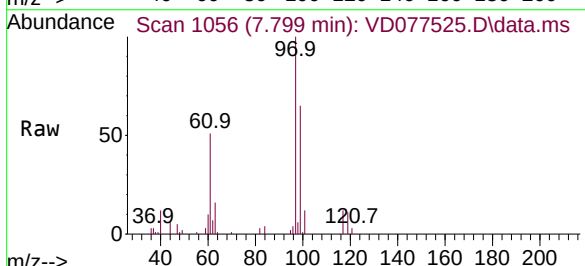
RT: 7.799 min Scan# 1056

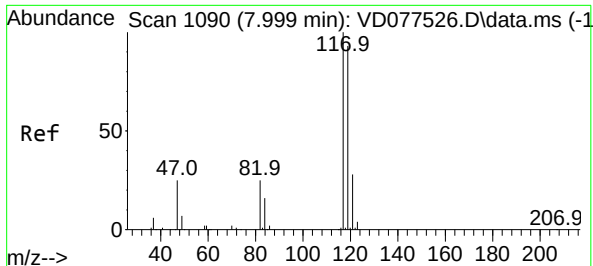
Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Tgt Ion: 97	Resp: 44476
Ion Ratio	Lower Upper
97 100	
99 62.6	51.4 77.2
61 46.1	38.1 57.1

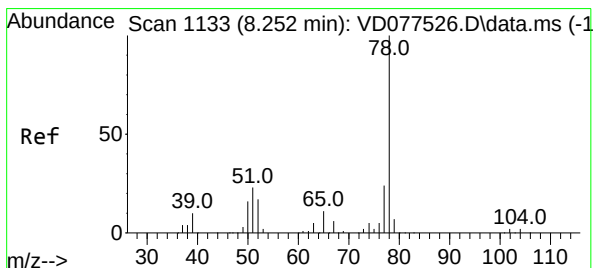
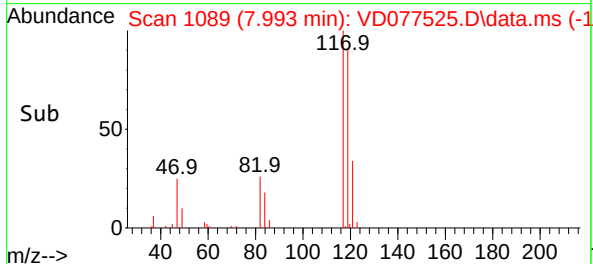
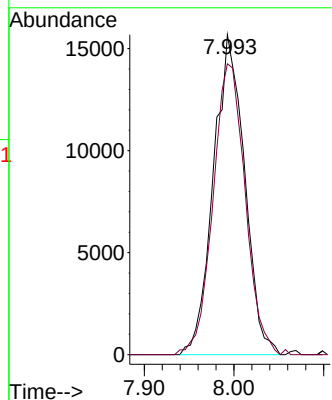
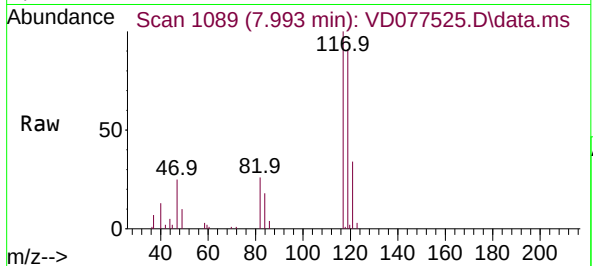




#31
Carbon tetrachloride
Concen: 5.575 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

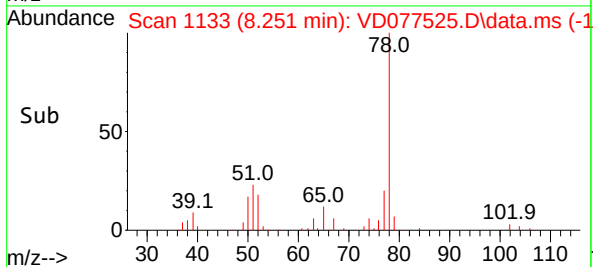
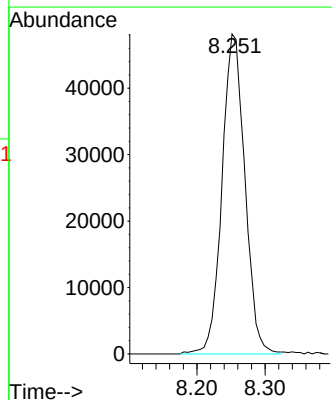
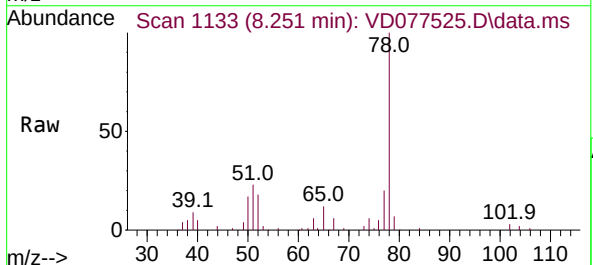
Instrument :
MSVOA_D
ClientSampleId :

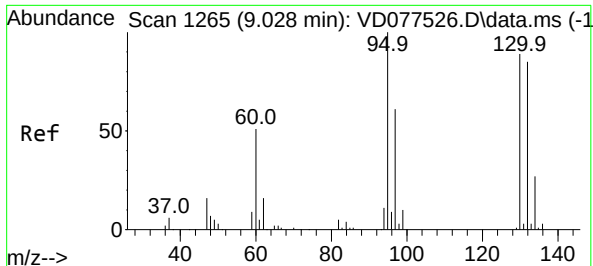
Tgt Ion:117 Resp: 37783
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0



#33
Benzene
Concen: 5.388 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion: 78 Resp: 112557



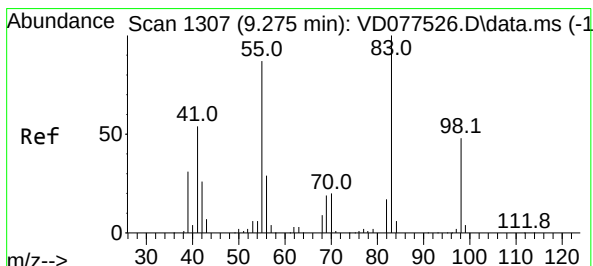
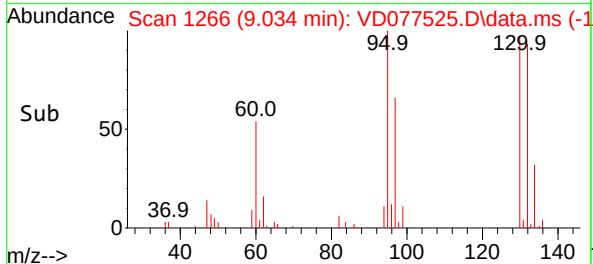
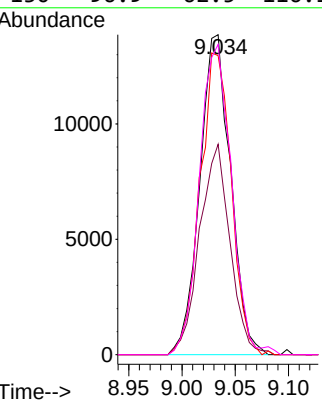
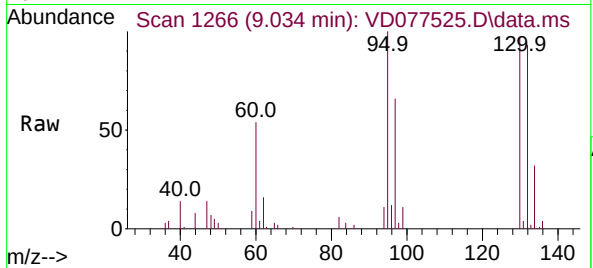


#34
Trichloroethene
Concen: 5.403 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 27970

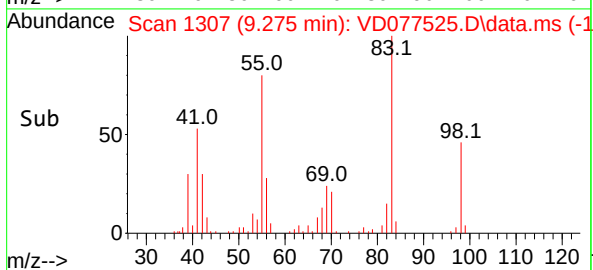
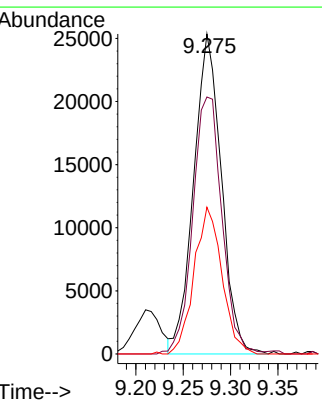
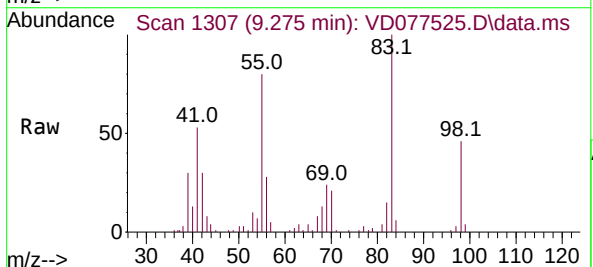
Ion	Ratio	Lower	Upper
95	100		
97	65.8	42.4	78.6
132	93.5	59.4	110.2
130	96.9	62.5	116.1

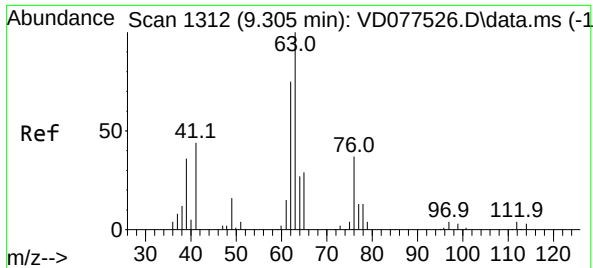


#35
Methylcyclohexane
Concen: 5.527 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion: 83 Resp: 51606

Ion	Ratio	Lower	Upper
83	100		
55	84.6	66.5	99.7
98	46.1	37.4	56.2

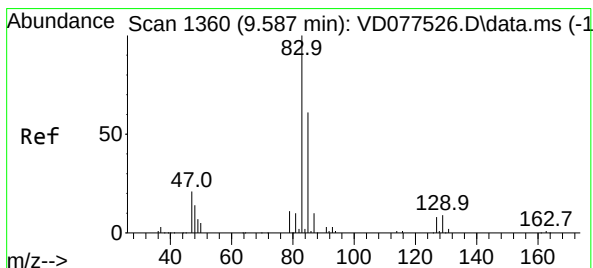
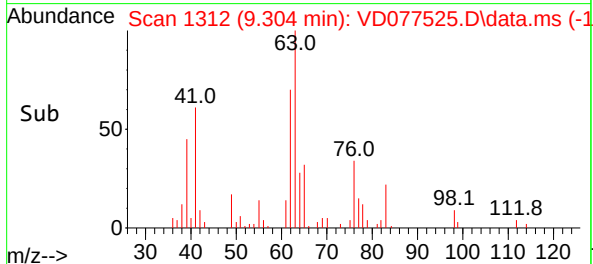
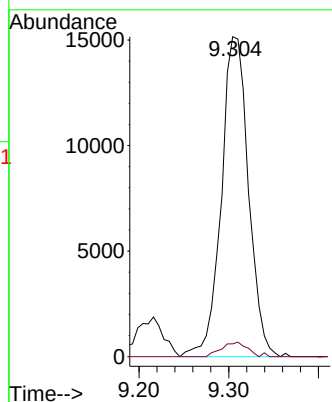
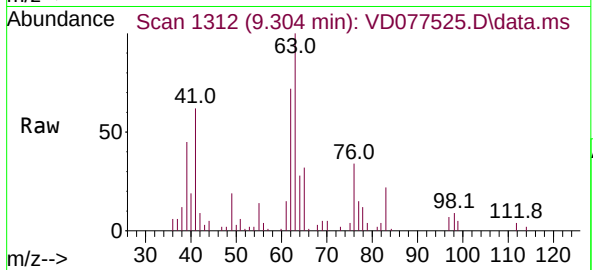




#37
1,2-Dichloropropane
Concen: 5.485 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

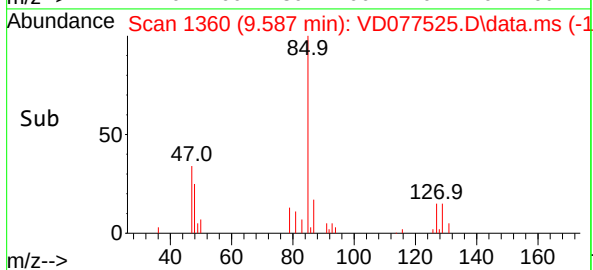
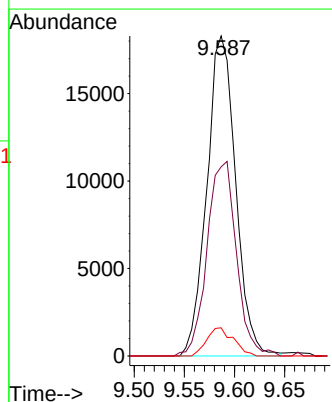
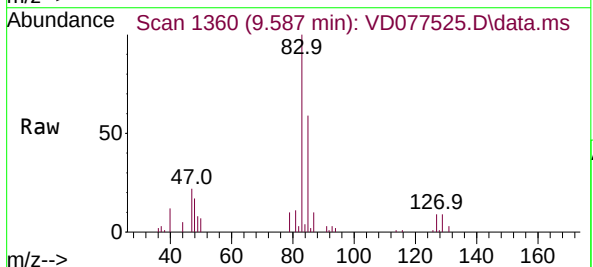
Instrument :
MSVOA_D
ClientSampleId :

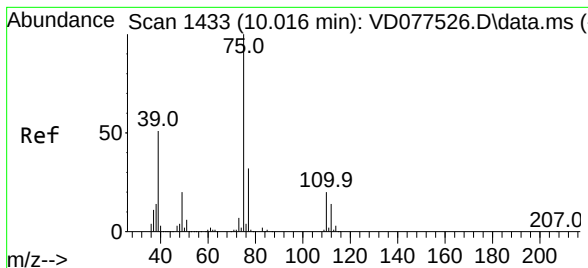
Tgt Ion: 63 Resp: 31855
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 5.495 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion: 83 Resp: 36606
Ion Ratio Lower Upper
83 100
85 59.1 42.4 78.8
127 8.8 6.4 9.6

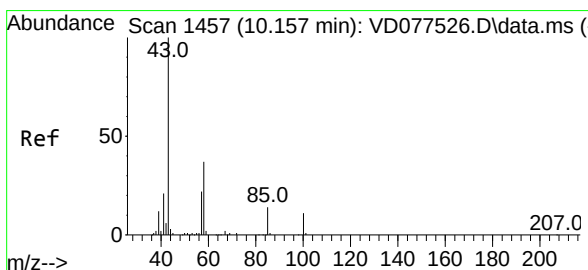
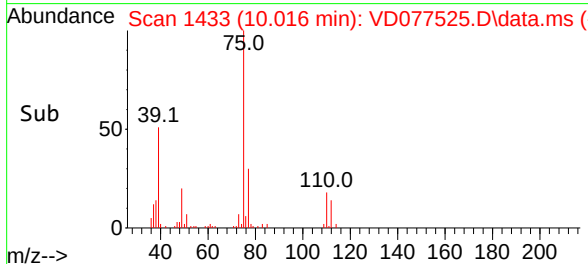
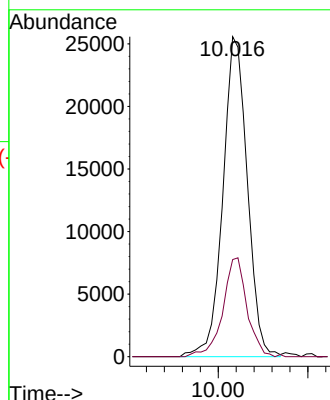
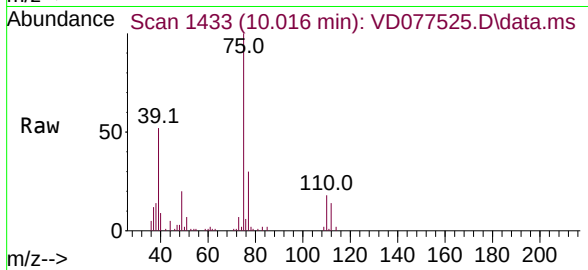




#39
 cis-1,3-Dichloropropene
 Concen: 5.413 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

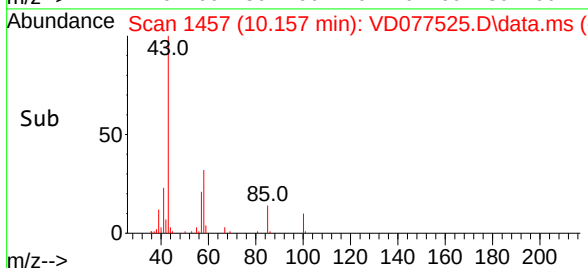
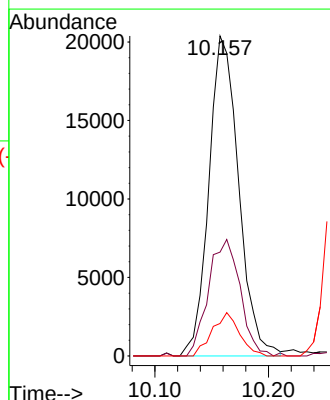
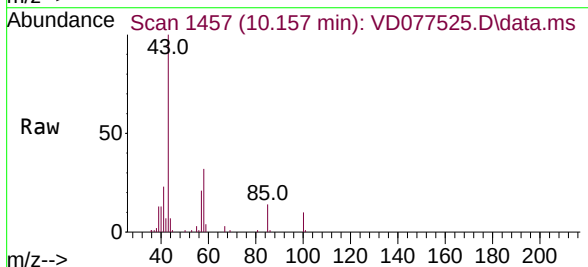
Instrument :
 MSVOA_D
 ClientSampleId :

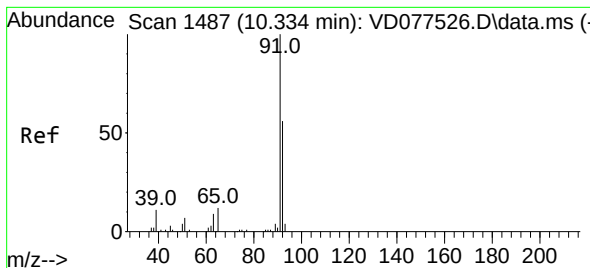
Tgt Ion: 75 Resp: 48308
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 10.506 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

Tgt Ion: 43 Resp: 37181
 Ion Ratio Lower Upper
 43 100
 58 38.7 29.8 44.8
 100 12.4 9.5 14.3





#42

Toluene

Concen: 5.361 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

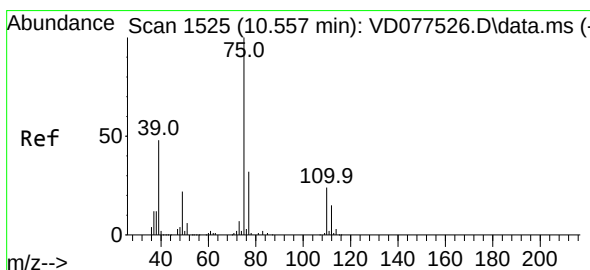
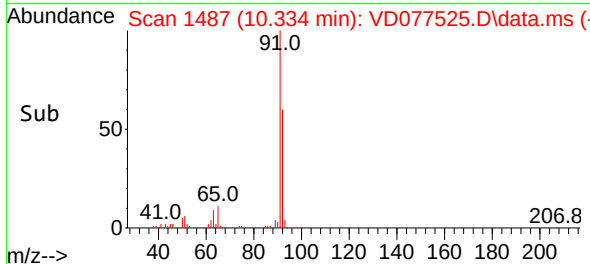
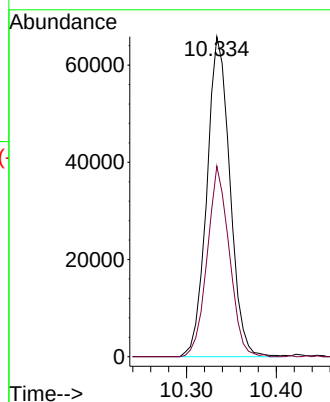
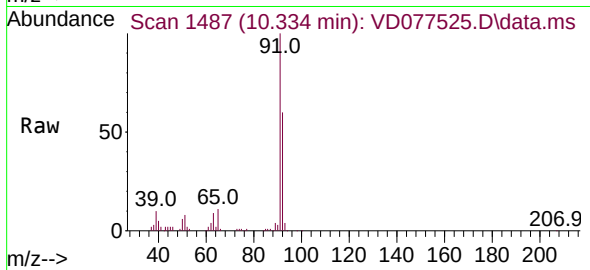
ClientSampleId :

Tgt Ion: 91 Resp: 117581

Ion Ratio Lower Upper

91 100

92 59.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 5.280 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD077525.D

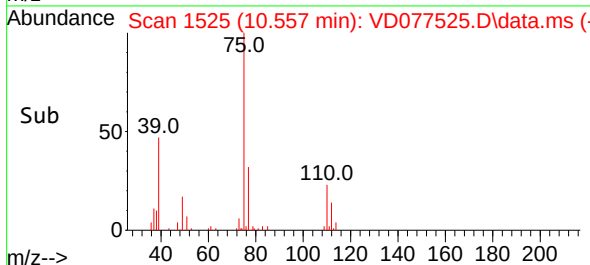
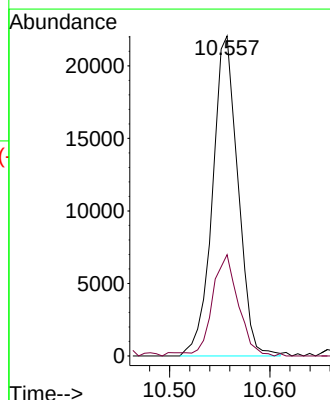
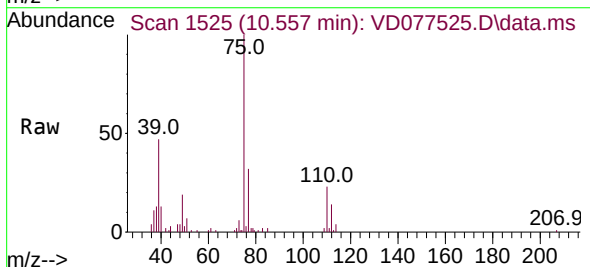
Acq: 09 Nov 2023 09:19

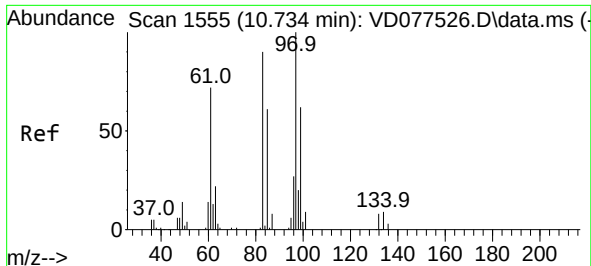
Tgt Ion: 75 Resp: 38936

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5

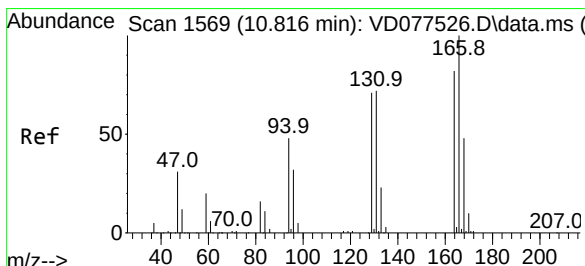
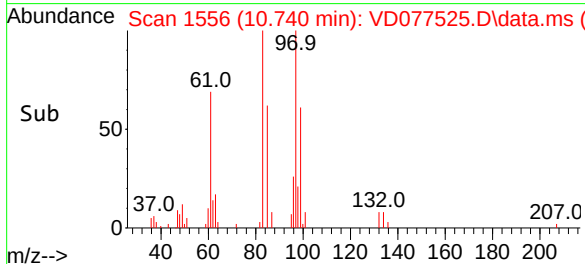
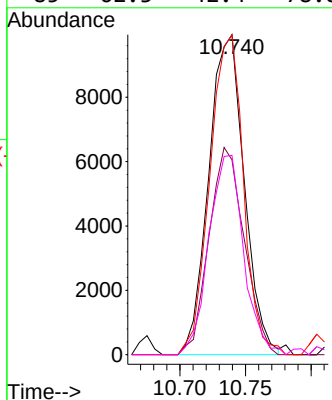
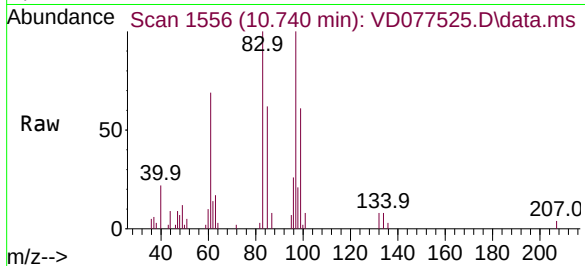




#45
1,1,2-Trichloroethane
Concen: 5.272 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

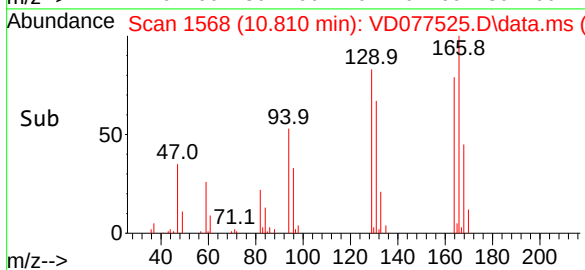
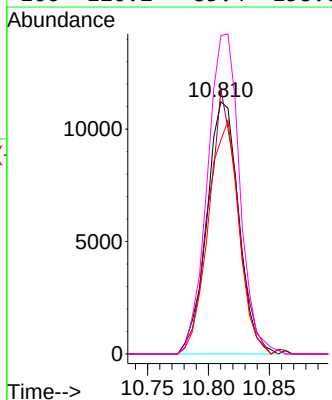
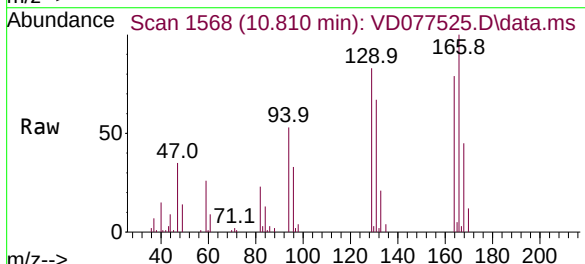
Instrument :
MSVOA_D
ClientSampleId :

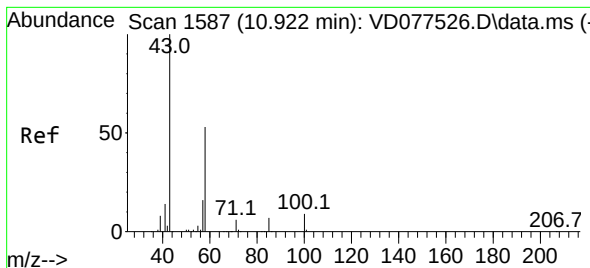
Tgt Ion: 97	Resp: 18715
Ion Ratio	Lower Upper
97 100	
99 60.9	43.5 80.7
83 99.9	63.1 117.3
85 62.3	42.4 78.8



#46
Tetrachloroethene
Concen: 5.389 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt	Ion:164	Resp:	20525
Ion	Ratio	Lower	Upper
164	100		
129	104.8	60.6	112.6
131	84.8	61.6	114.4
166	126.2	85.4	158.6





#48

2-Hexanone

Concen: 9.976 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

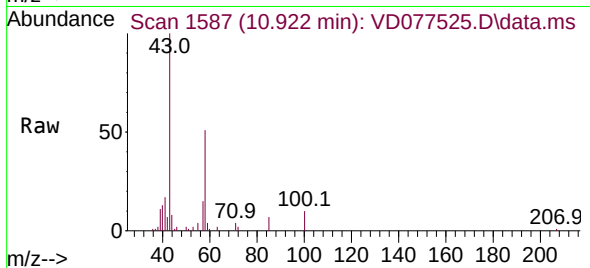
Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 27984

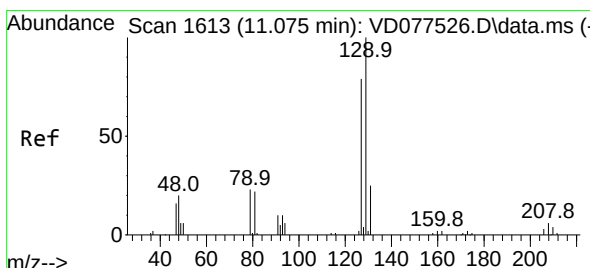
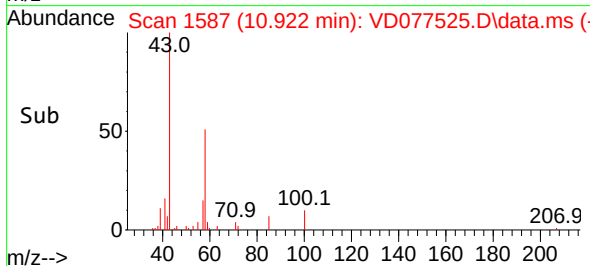
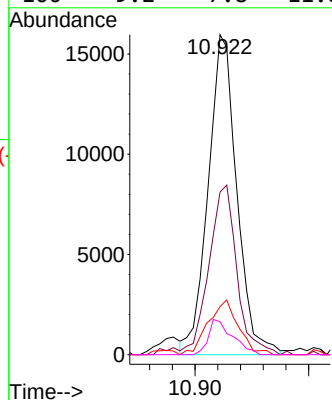
Ion Ratio Lower Upper

43 100

58 51.5 40.8 61.2

57 17.6 13.7 20.5

100 9.2 7.8 11.8



#49

Dibromochloromethane

Concen: 5.364 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077525.D

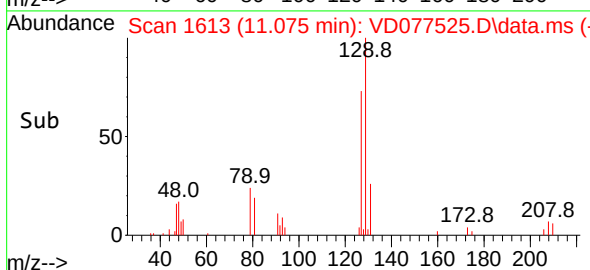
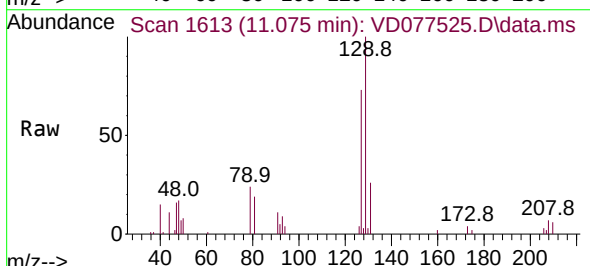
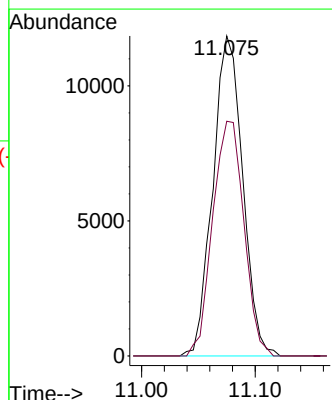
Acq: 09 Nov 2023 09:19

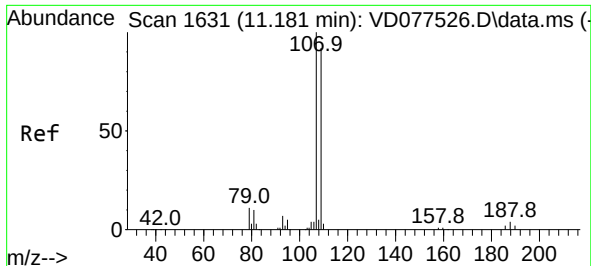
Tgt Ion: 129 Resp: 21629

Ion Ratio Lower Upper

129 100

127 73.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.438 ug/L

RT: 11.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077525.D

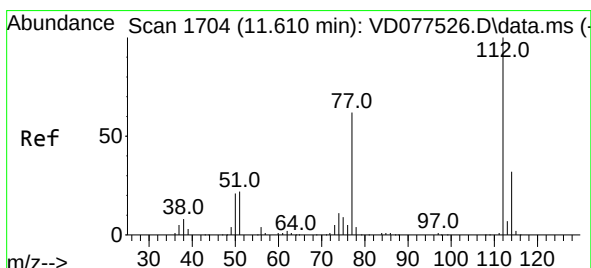
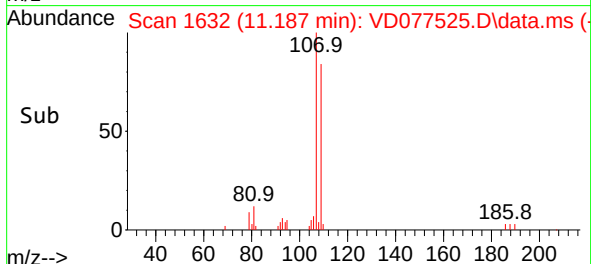
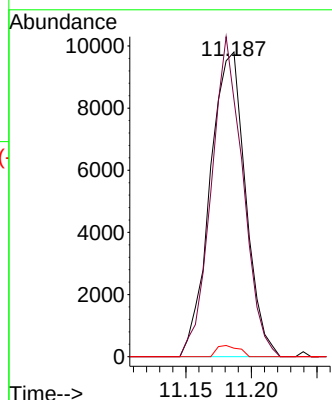
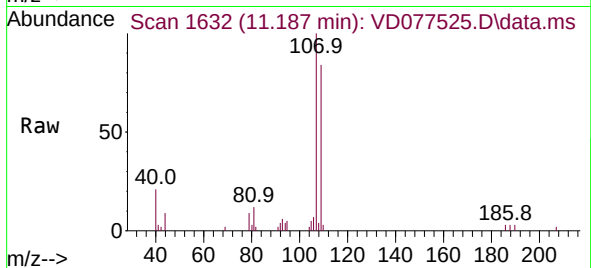
Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	18461
Ion Ratio	Lower	Upper
107	100	
109	84.4	64.8 120.3
188	2.8	3.2 4.8#



#51

Chlorobenzene

Concen: 5.364 ug/L

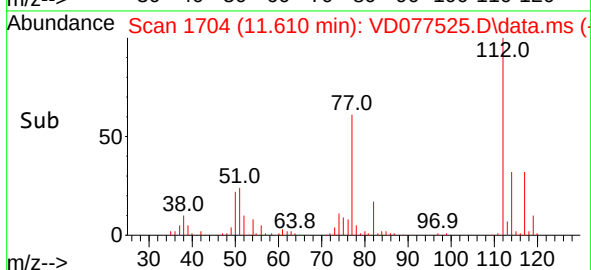
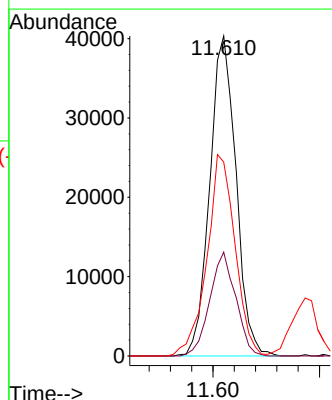
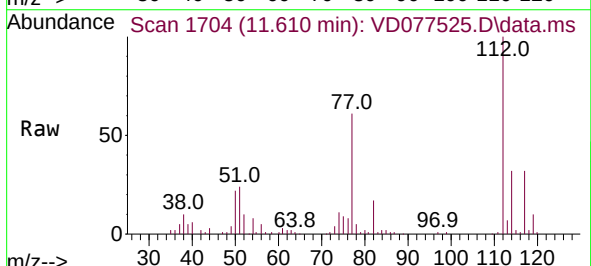
RT: 11.610 min Scan# 1704

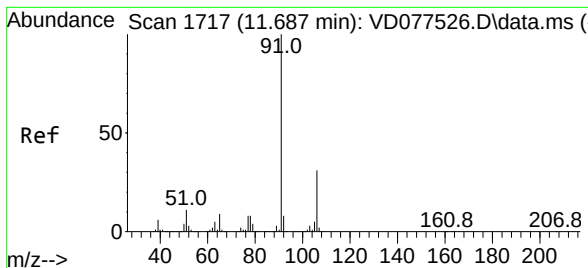
Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Tgt Ion:112	Resp:	68925
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.4 41.6
77	60.6	49.6 74.4

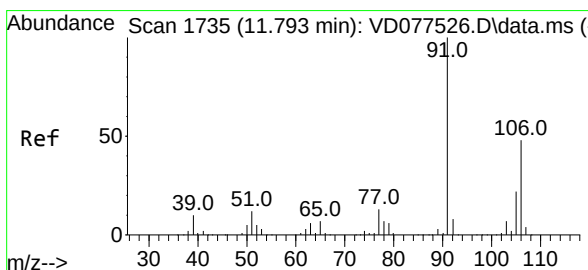
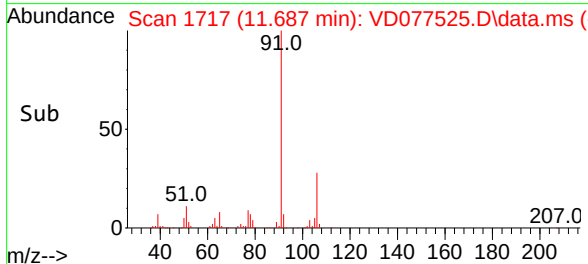
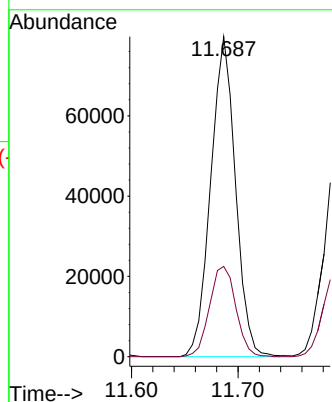
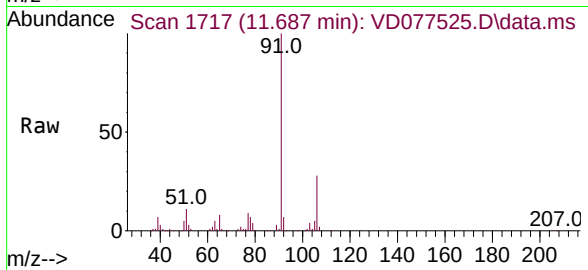




#52
Ethylbenzene
Concen: 5.327 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

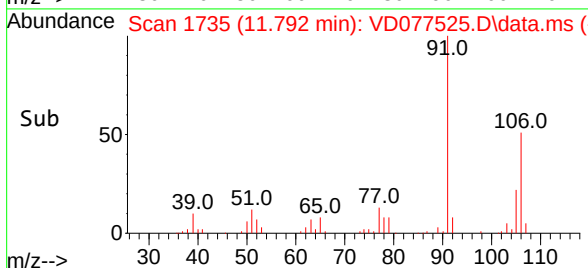
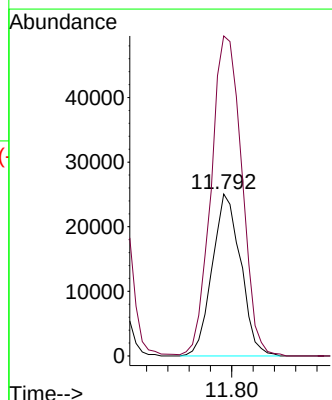
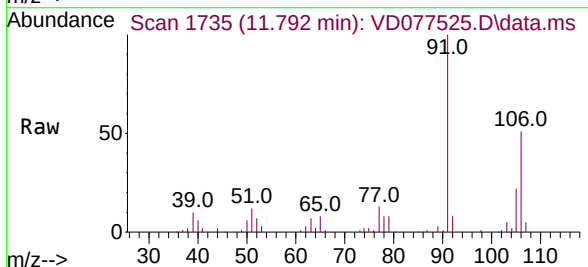
Instrument :
MSVOA_D
ClientSampleId :

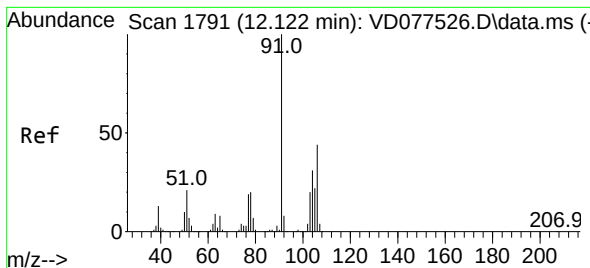
Tgt Ion: 91 Resp: 128561
Ion Ratio Lower Upper
91 100
106 28.2 22.0 40.8



#53
m,p-Xylene
Concen: 5.313 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion: 106 Resp: 46659
Ion Ratio Lower Upper
106 100
91 197.5 146.7 272.4

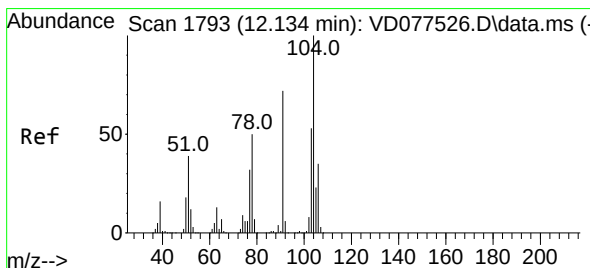
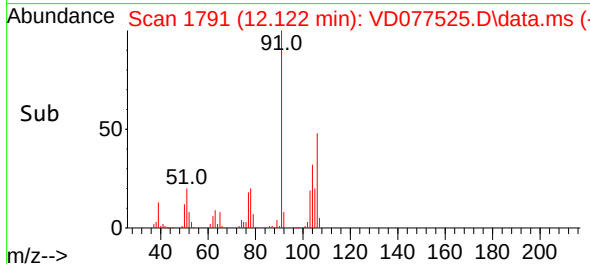
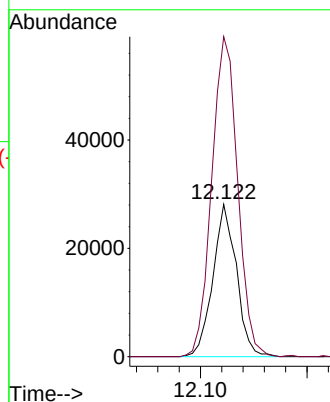
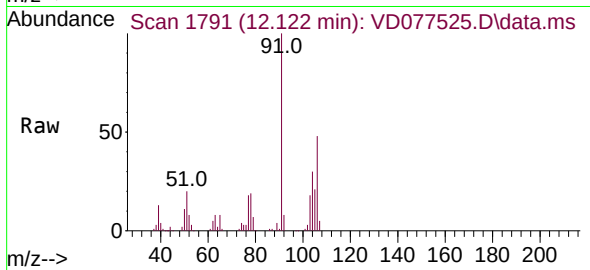




#54
o-Xylene
Concen: 5.136 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

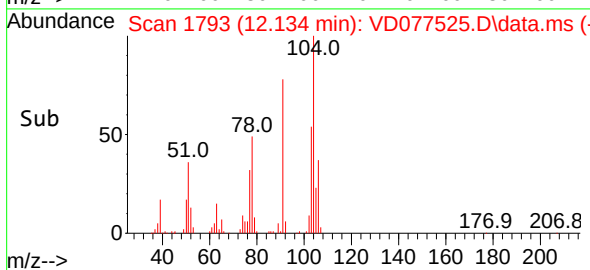
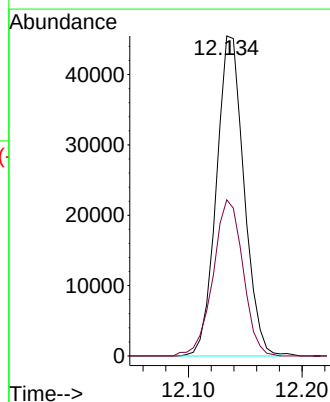
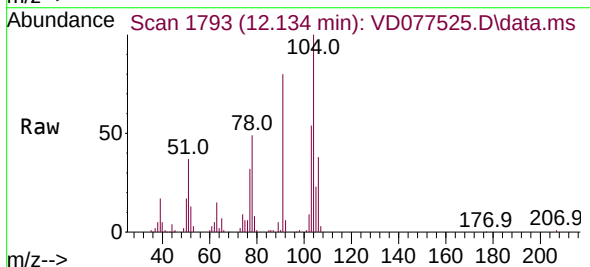
Instrument :
MSVOA_D
ClientSampleId :

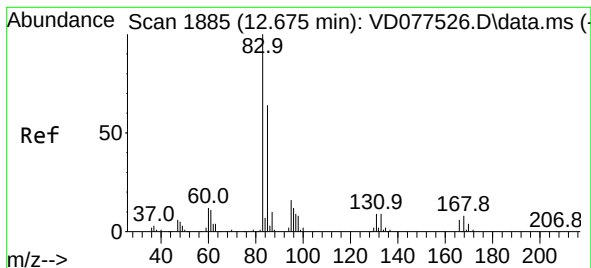
Tgt Ion:106 Resp: 43202
Ion Ratio Lower Upper
106 100
91 210.0 158.5 294.4



#55
Styrene
Concen: 5.230 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion:104 Resp: 76804
Ion Ratio Lower Upper
104 100
78 48.8 34.9 64.9

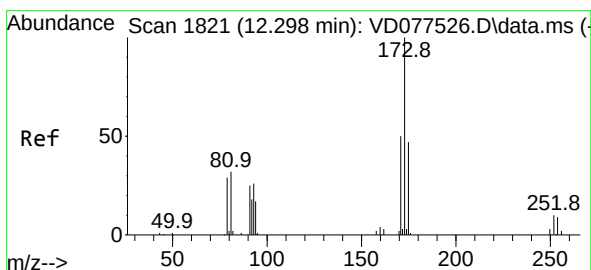
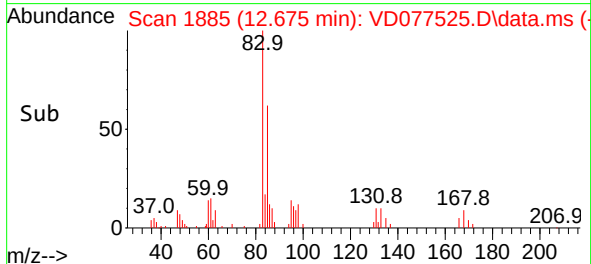
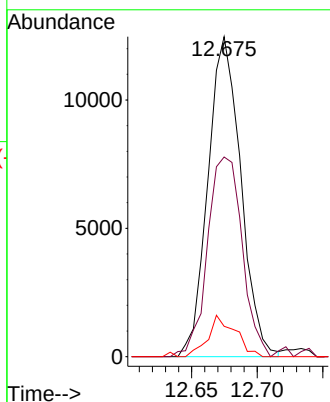
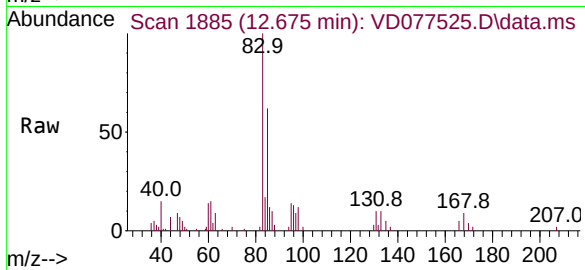




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.192 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

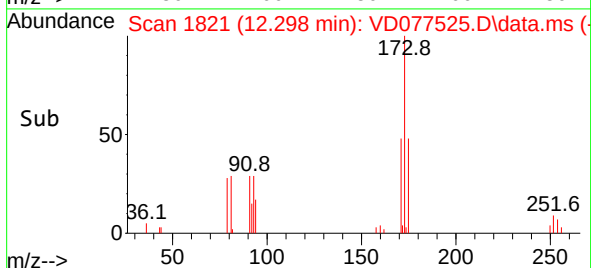
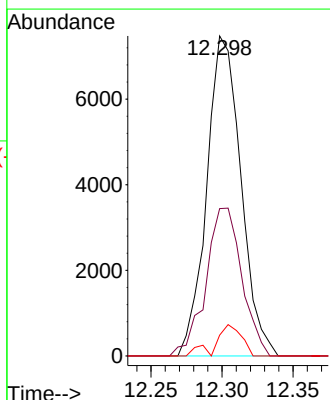
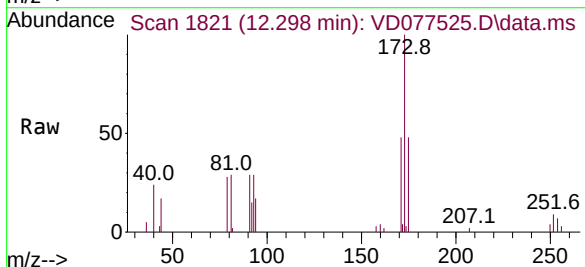
Instrument :
 MSVOA_D
 ClientSampleId :

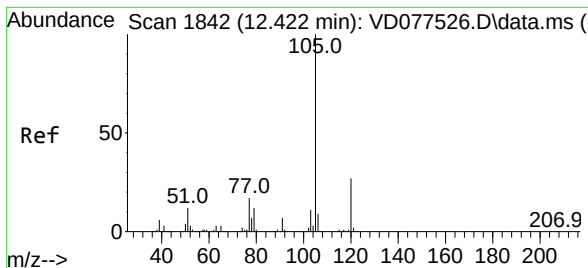
Tgt Ion: 83 Resp: 21715
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.9 83.3
 131 12.5 7.2 10.8#



#59
 Bromoform
 Concen: 5.414 ug/L
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

Tgt Ion: 173 Resp: 12531
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.2 57.2
 254 6.2 7.1 10.7#





#60

Isopropylbenzene

Concen: 5.580 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

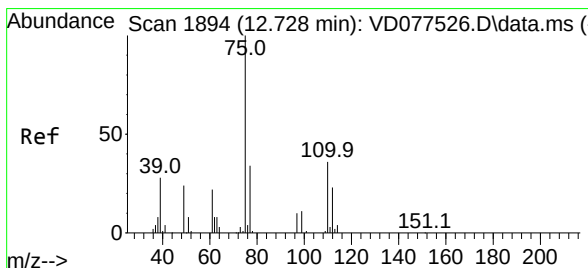
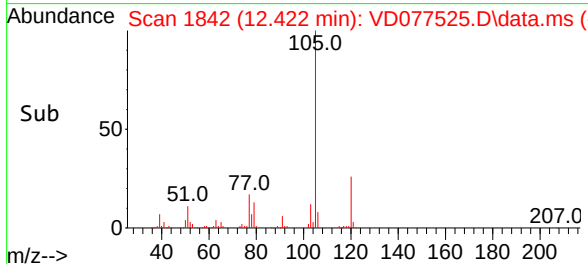
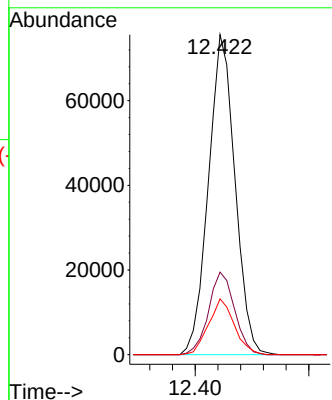
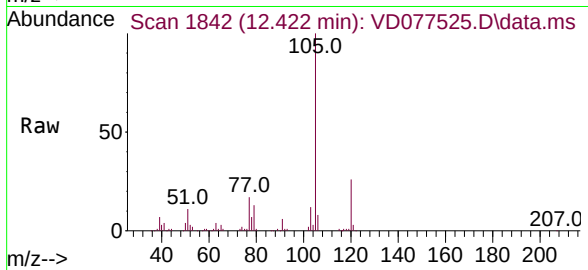
Tgt Ion:105 Resp: 122533

Ion Ratio Lower Upper

105 100

120 25.3 21.0 31.4

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.801 ug/L

RT: 12.734 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

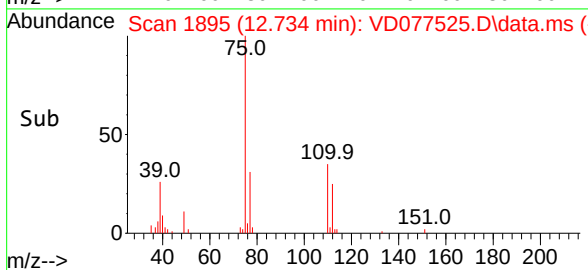
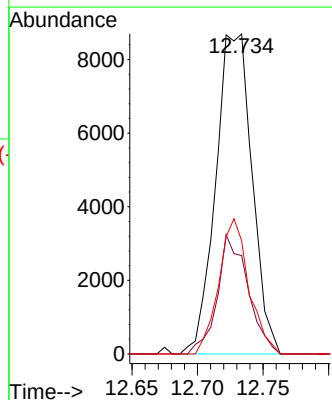
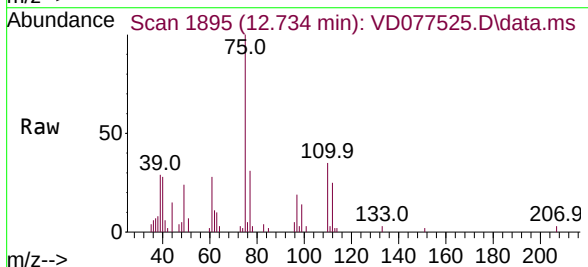
Tgt Ion: 75 Resp: 16774

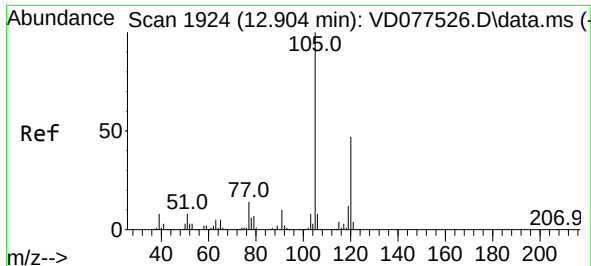
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

110 34.9 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.335 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

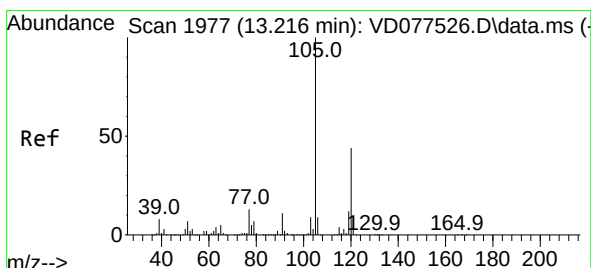
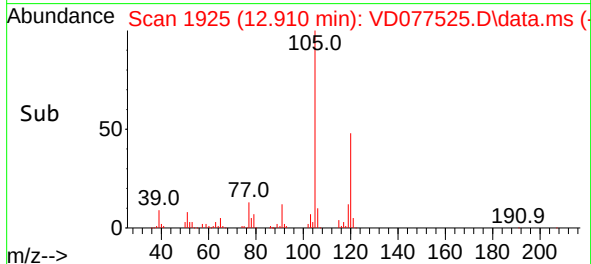
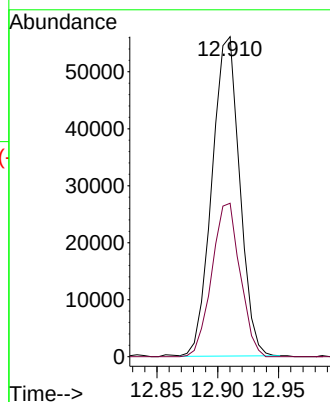
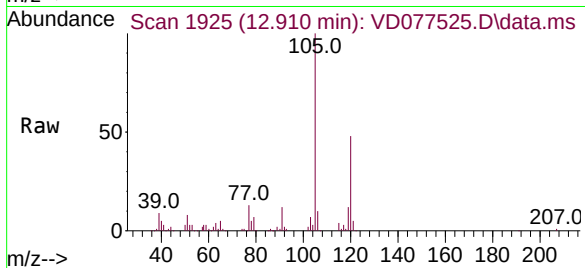
ClientSampleId :

Tgt Ion:105 Resp: 88908

Ion Ratio Lower Upper

105 100

120 48.9 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 5.384 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077525.D

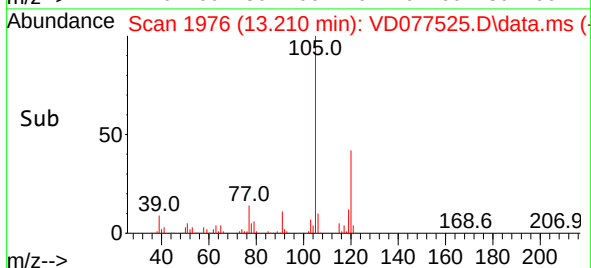
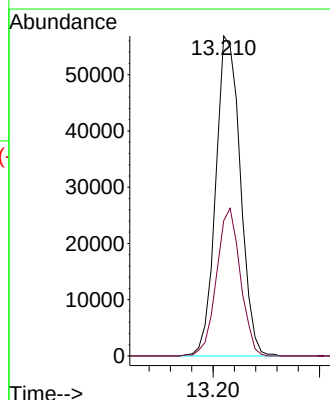
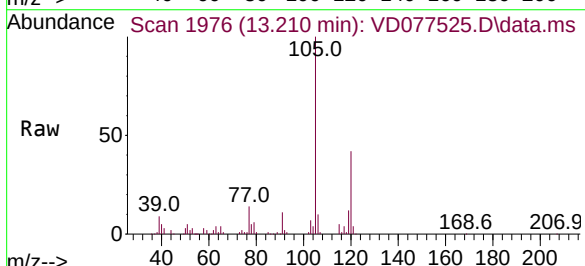
Acq: 09 Nov 2023 09:19

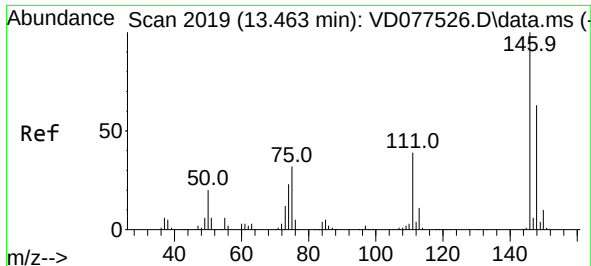
Tgt Ion:105 Resp: 90888

Ion Ratio Lower Upper

105 100

120 44.8 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 5.573 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

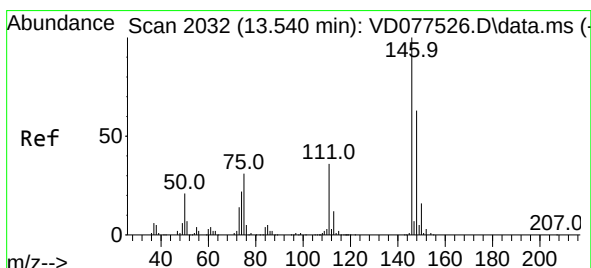
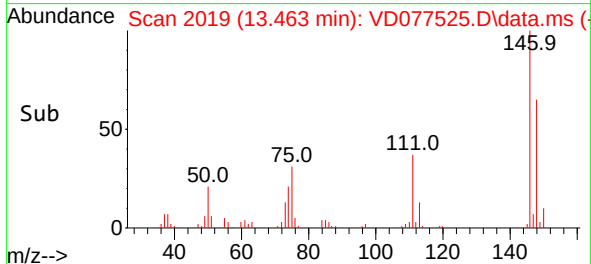
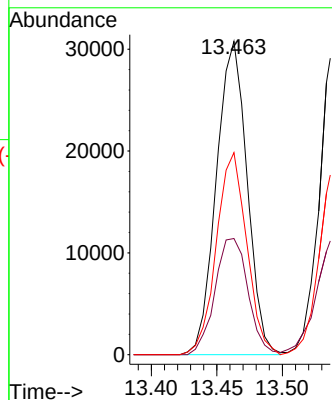
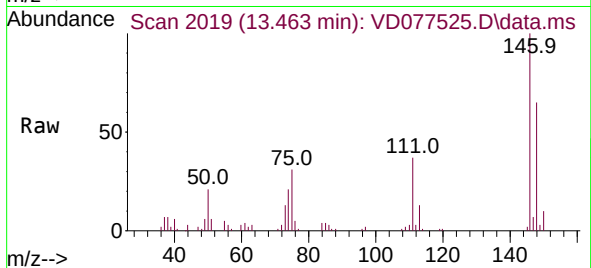
Tgt Ion:146 Resp: 50208

Ion Ratio Lower Upper

146 100

111 37.1 27.2 50.6

148 64.5 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 5.494 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

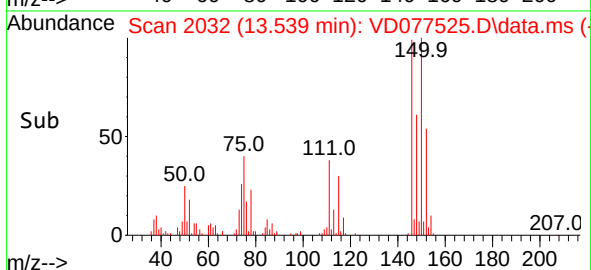
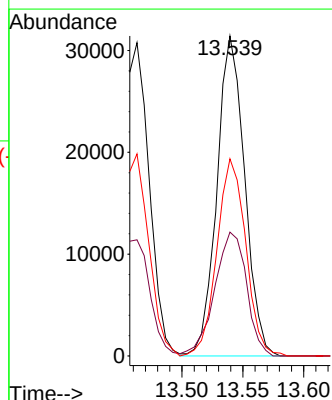
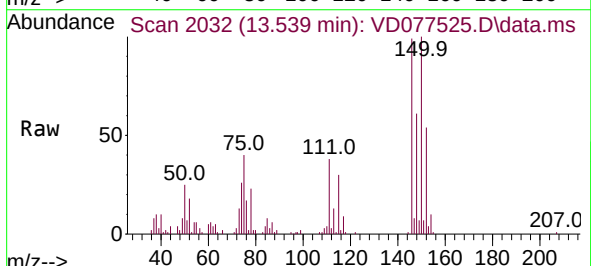
Tgt Ion:146 Resp: 49946

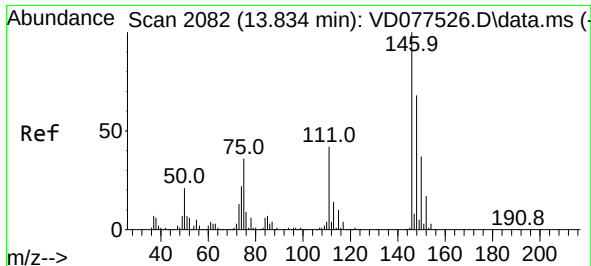
Ion Ratio Lower Upper

146 100

111 38.7 25.6 47.4

148 61.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.433 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

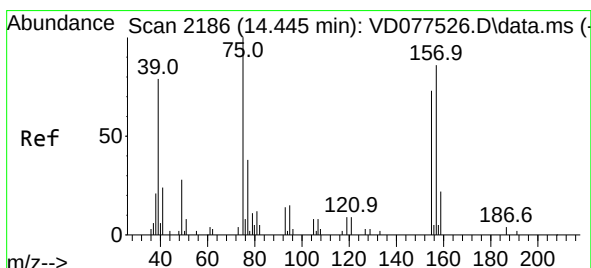
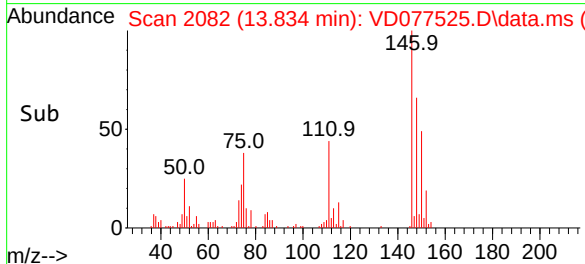
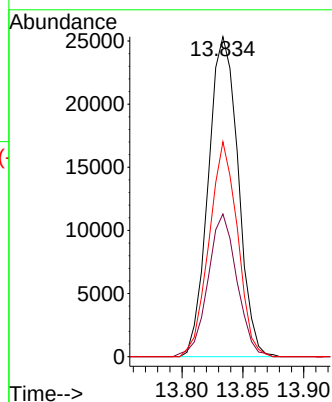
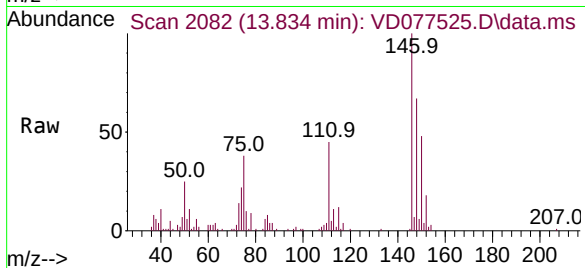
Tgt Ion:146 Resp: 43274

Ion Ratio Lower Upper

146 100

111 44.6 33.8 50.6

148 67.2 54.3 81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.304 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077525.D

Acq: 09 Nov 2023 09:19

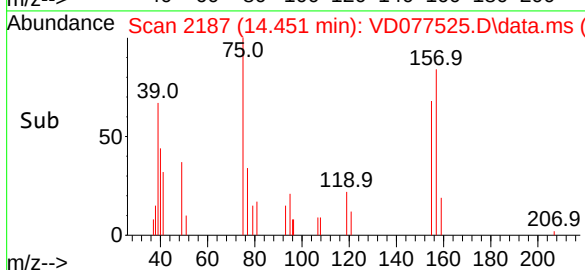
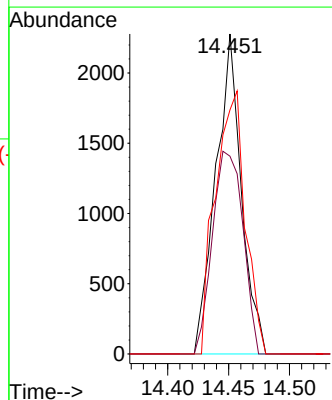
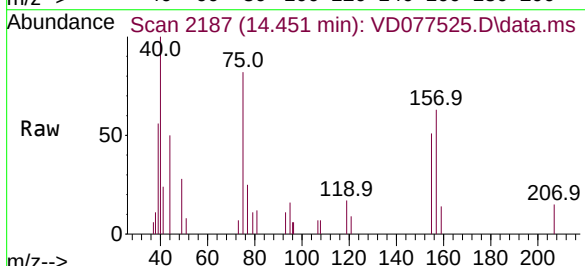
Tgt Ion: 75 Resp: 3336

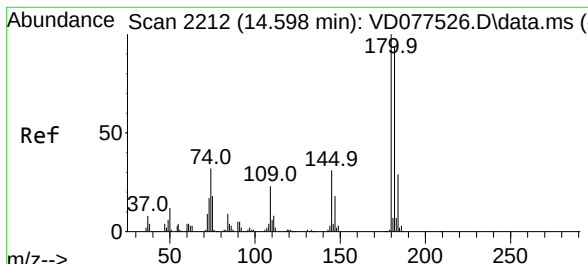
Ion Ratio Lower Upper

75 100

155 61.8 58.2 87.2

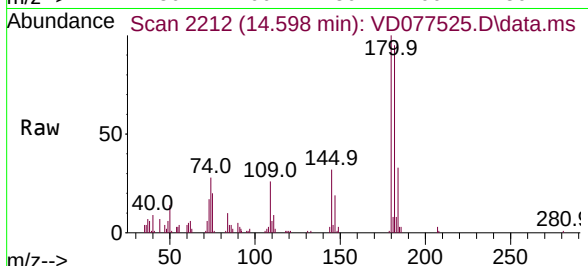
157 76.3 68.7 103.1



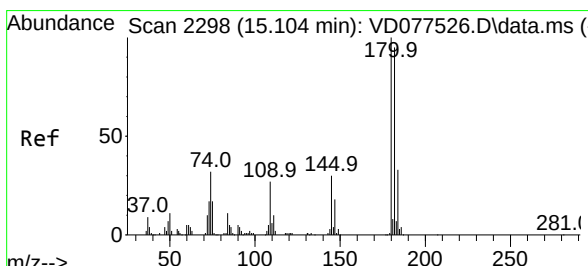
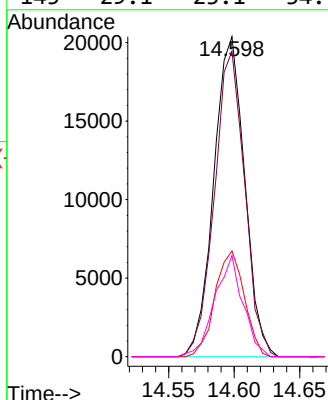
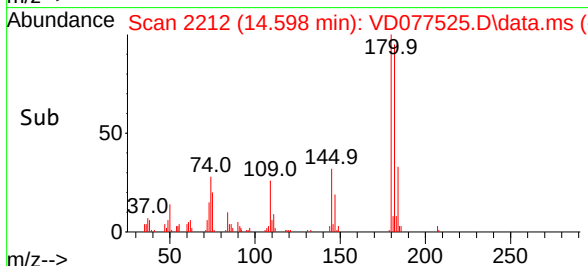


#69
 1,3,5-Trichlorobenzene
 Concen: 5.428 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19

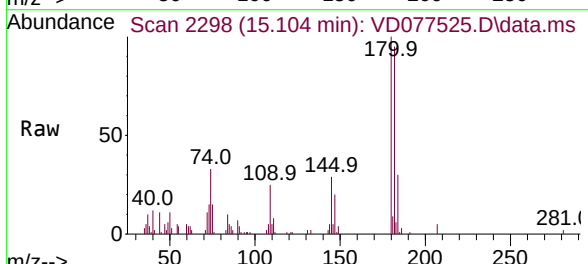
Instrument :
 MSVOA_D
 ClientSampleId :



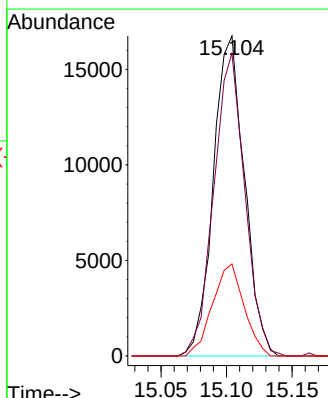
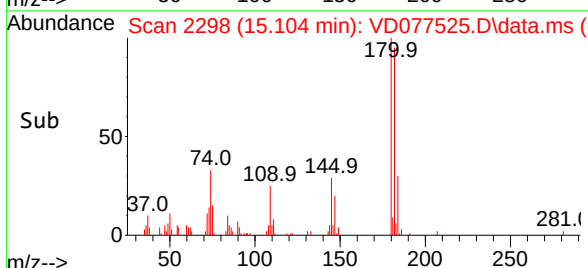
Tgt Ion:180	Resp:	33295
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.1 114.1
184	31.4	24.0 36.0
145	29.1	23.1 34.7

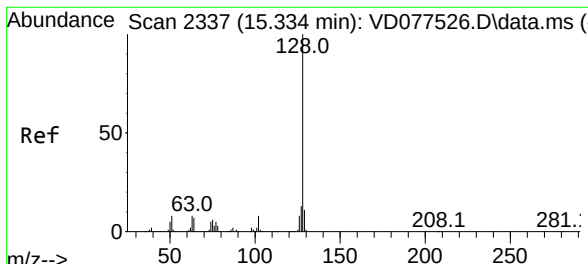


#70
 1,2,4-trichlorobenzene
 Concen: 5.350 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077525.D
 Acq: 09 Nov 2023 09:19



Tgt Ion:180	Resp:	27658
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.8 113.6
145	29.2	24.1 36.1

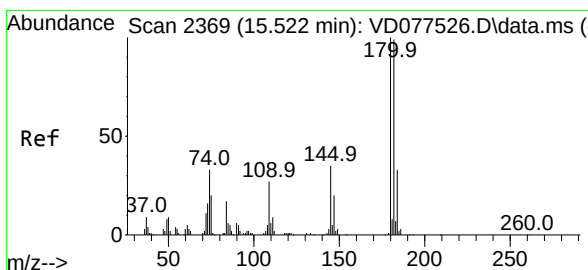
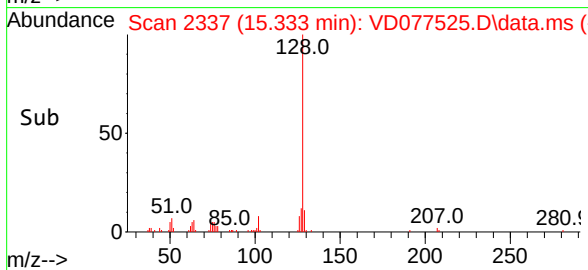
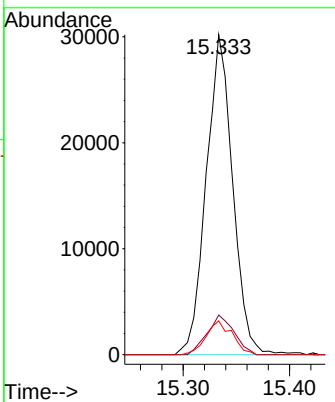
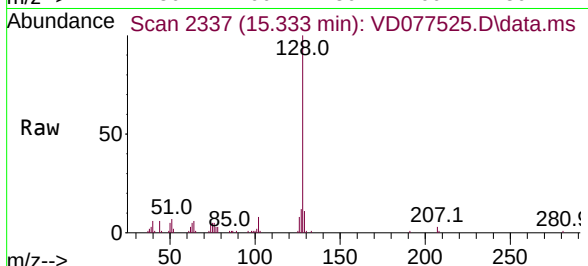




#71
Naphthalene
Concen: 5.333 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	51963
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.5 15.7
129	10.4	9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 5.411 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077525.D
Acq: 09 Nov 2023 09:19

Tgt Ion:180	Resp:	23852
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.8 115.2
145	30.8	26.0 39.0

