

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022824\
 Data File : VD078568.D
 Acq On : 28 Feb 2024 17:07
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 23:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 23:05:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	180849	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	187364	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	98250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	147725	21.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.080%
7) Chloroethane-d5	2.805	69	136325	22.745	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.960%
11) 1,1-Dichloroethene-d2	3.916	65	25977	23.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.320%
21) 2-Butanone-d5	6.987	46	29976	57.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.940%
24) Chloroform-d	7.569	84	136442	27.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	8.228	65	67835	27.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.880%
32) Benzene-d6	8.198	84	278148	25.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	9.216	67	81137	25.576	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.320%
41) Toluene-d8	10.269	98	254306	25.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	10.522	79	34376	25.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.880%
47) 2-Hexanone-d5	10.875	63	30693	64.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75449	28.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	85535	24.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	86156	26.190	ug/L	98
3) Chloromethane	2.146	50	115163	23.982	ug/L	99
5) Vinyl chloride	2.287	62	178748	23.820	ug/L	96
6) Bromomethane	2.693	94	134390	33.226	ug/L	96
8) Chloroethane	2.840	64	123630	24.912	ug/L	100
9) Trichlorofluoromethane	3.175	101	115873	26.496	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	73721	25.844	ug/L	98
12) 1,1-Dichloroethene	3.946	96	65667	26.913	ug/L	98
13) Acetone	4.028	43	32214	52.484	ug/L	64
14) Carbon disulfide	4.275	76	219273	26.783	ug/L	99
15) Methyl Acetate	4.563	43	31108	35.683	ug/L	98
16) Methylene chloride	4.805	84	85083	25.612	ug/L	89
17) trans-1,2-Dichloroethene	5.316	96	77698	28.794	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	169299	32.991	ug/L #	82
19) 1,1-Dichloroethane	6.116	63	136636	30.153	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	88669	30.105	ug/L	97
22) 2-Butanone	7.087	43	43798	62.350	ug/L	99
23) Bromochloromethane	7.428	128	43343	33.143	ug/L	95
25) Chloroform	7.598	83	153873	30.082	ug/L	91

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 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 23:05:03 2024
 Response via : Initial Calibration

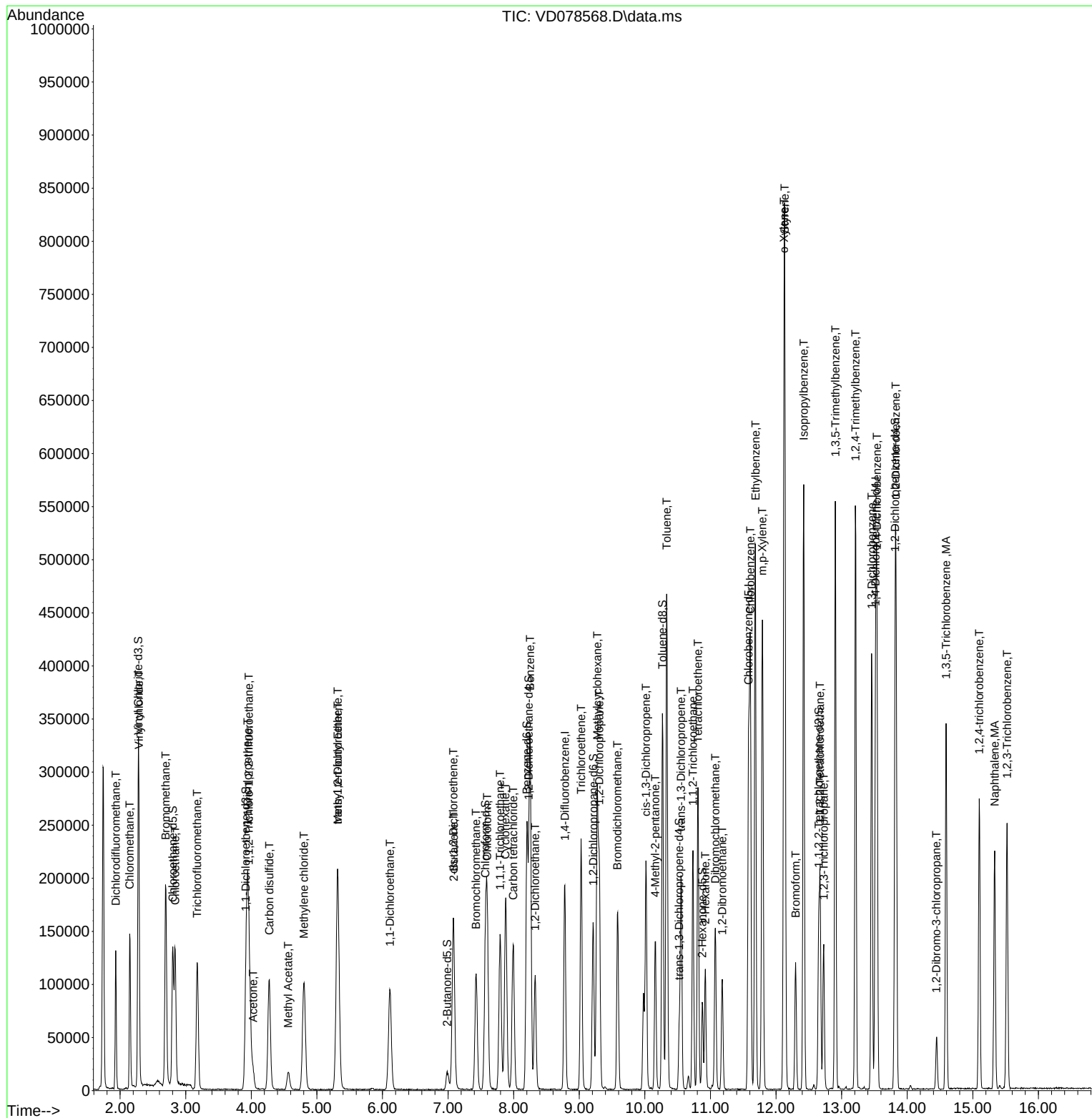
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	91971	32.621	ug/L	96
29) Cyclohexane	7.875	56	94448	26.206	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	119063	27.793	ug/L	100
31) Carbon tetrachloride	7.993	117	104561	27.365	ug/L	100
33) Benzene	8.251	78	329269	29.376	ug/L	100
34) Trichloroethene	9.028	95	81470	27.955	ug/L	95
35) Methylcyclohexane	9.275	83	120058	25.514	ug/L	100
37) 1,2-Dichloropropane	9.304	63	86042	31.195	ug/L	99
38) Bromodichloromethane	9.581	83	114517	30.447	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	134740	31.448	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	89560	70.395	ug/L	98
42) Toluene	10.334	91	360756	29.353	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	113455	30.666	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	73052	32.711	ug/L	97
46) Tetrachloroethene	10.810	164	63040	26.319	ug/L	88
48) 2-Hexanone	10.922	43	66211	62.726	ug/L	99
49) Dibromochloromethane	11.075	129	83783	31.964	ug/L	90
50) 1,2-Dibromoethane	11.181	107	70393	33.173	ug/L	92
51) Chlorobenzene	11.610	112	234556	28.975	ug/L	97
52) Ethylbenzene	11.687	91	386705	28.960	ug/L	100
53) m,p-Xylene	11.792	106	147636	28.670	ug/L	96
54) o-Xylene	12.122	106	146026	29.178	ug/L	99
55) Styrene	12.134	104	272171	30.648	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	90080	34.657	ug/L	98
59) Bromoform	12.298	173	52323	32.541	ug/L	99
60) Isopropylbenzene	12.422	105	375869	28.154	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	56504	34.048	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	293026	28.887	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	294919	29.631	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	176173	28.617	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	188806	29.132	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	166658	29.658	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11523	33.474	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	108398	27.211	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	90846	27.325	ug/L	100
71) Naphthalene	15.333	128	193405	31.804	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	85746	29.172	ug/L	98

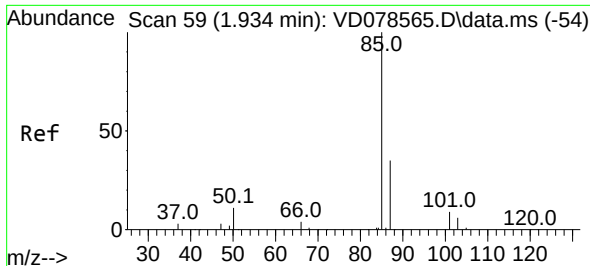
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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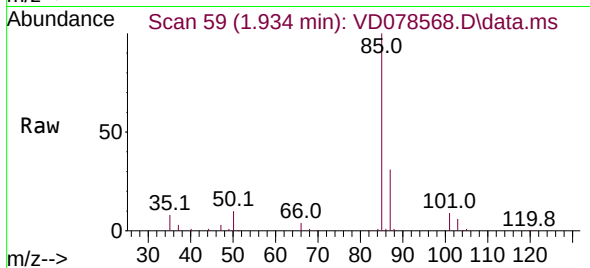
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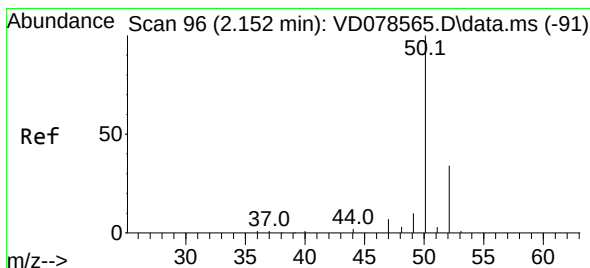
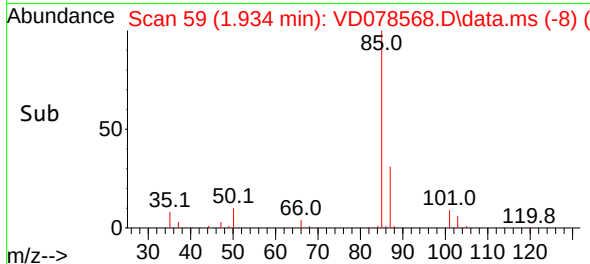
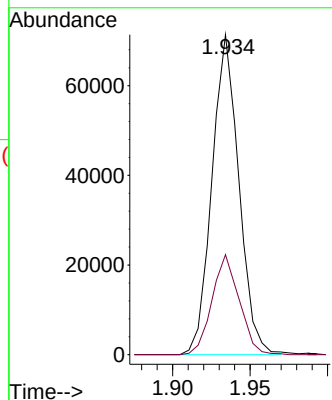


#2
 Dichlorodifluoromethane
 Concen: 26.190 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Instrument :
 MSVOA_D
 ClientSampleId :

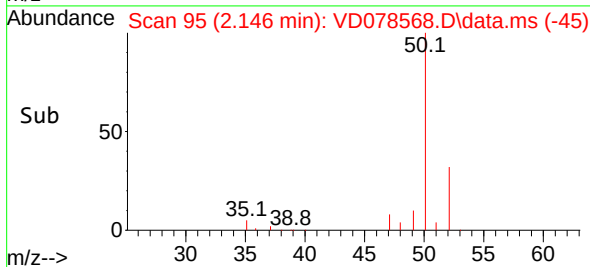
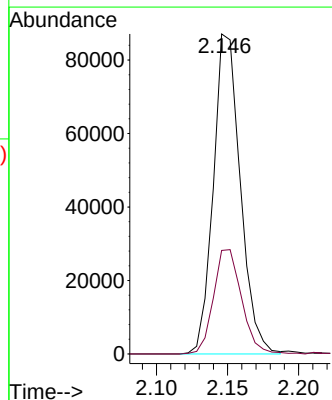
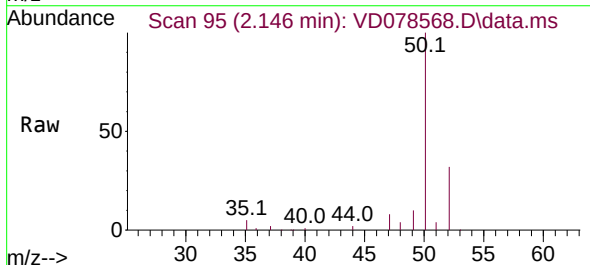


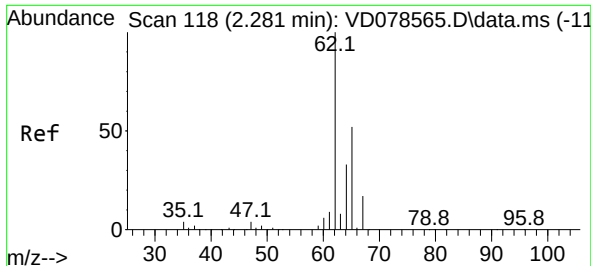
Tgt Ion: 85 Resp: 86156
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.2 39.2



#3
 Chloromethane
 Concen: 23.982 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Tgt Ion: 50 Resp: 115163
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.1 42.9

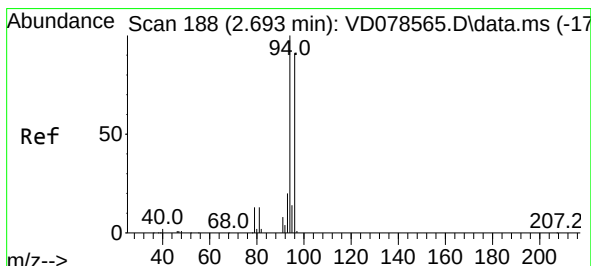
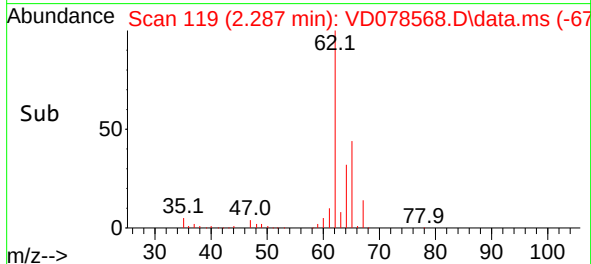
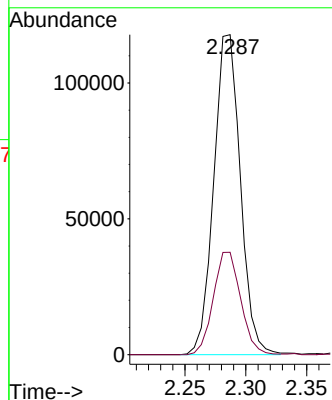
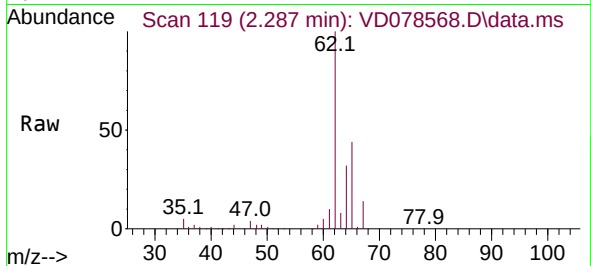




#5
 Vinyl chloride
 Concen: 23.820 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

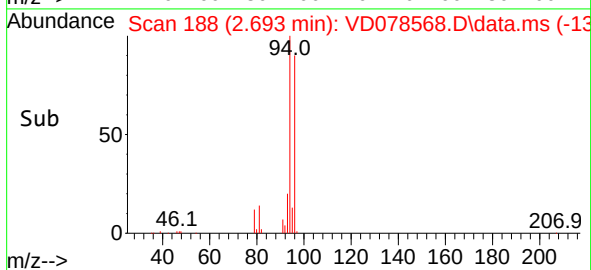
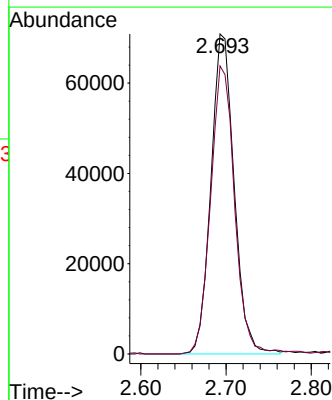
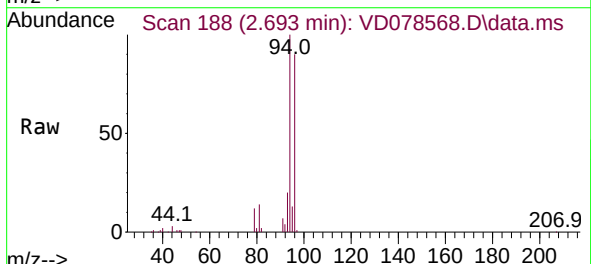
Instrument :
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 ClientSampleId :

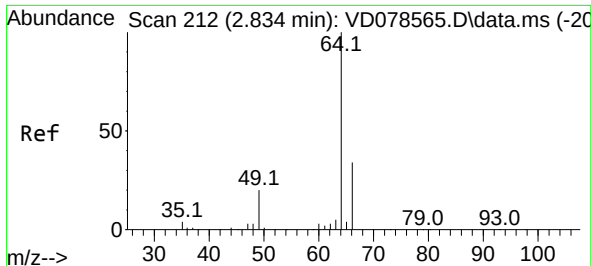
Tgt Ion: 62 Resp: 178748
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.0 44.6



#6
 Bromomethane
 Concen: 33.226 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Tgt Ion: 94 Resp: 134390
 Ion Ratio Lower Upper
 94 100
 96 90.0 65.9 122.5





#8

Chloroethane

Concen: 24.912 ug/L

RT: 2.840 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

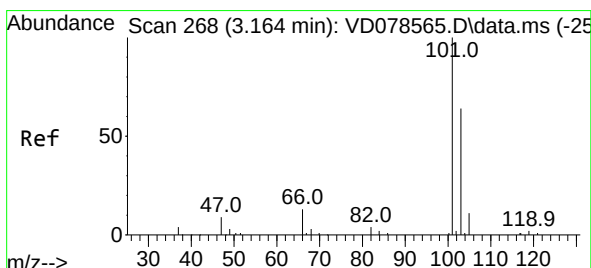
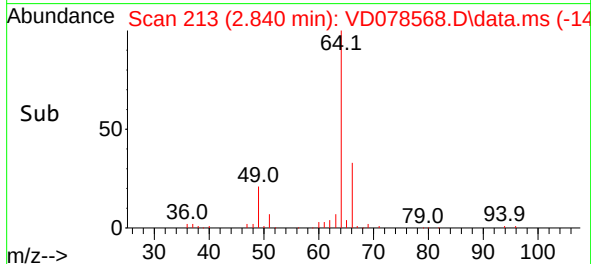
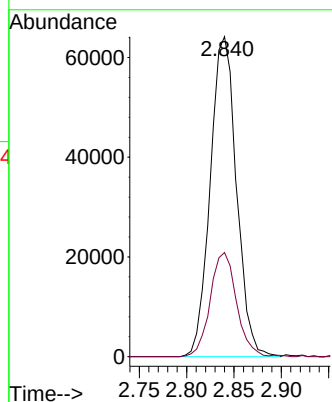
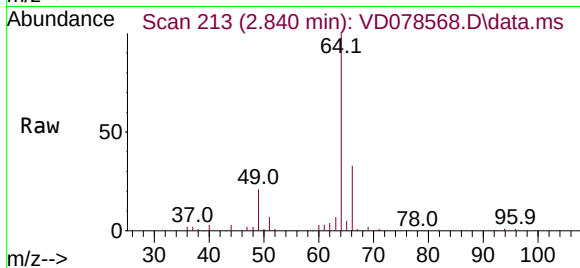
ClientSampleId :

Tgt Ion: 64 Resp: 123630

Ion Ratio Lower Upper

64 100

66 32.6 22.9 42.5



#9

Trichlorofluoromethane

Concen: 26.496 ug/L

RT: 3.175 min Scan# 270

Delta R.T. 0.012 min

Lab File: VD078568.D

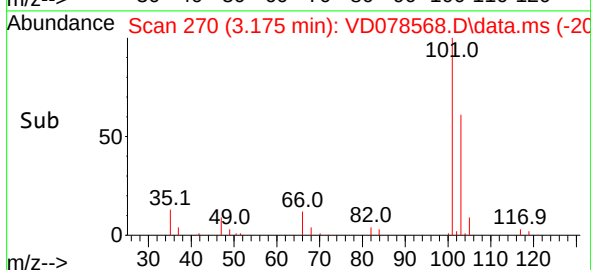
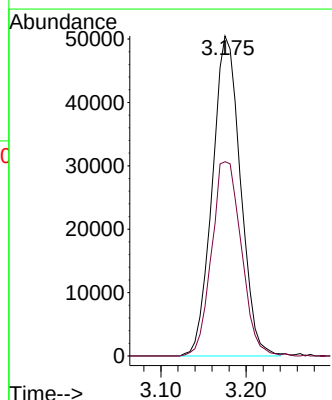
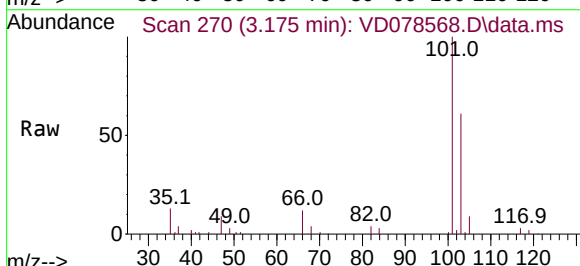
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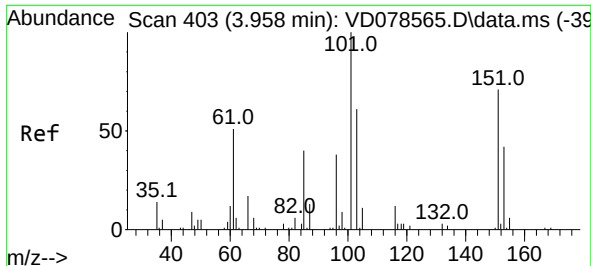
Tgt Ion:101 Resp: 115873

Ion Ratio Lower Upper

101 100

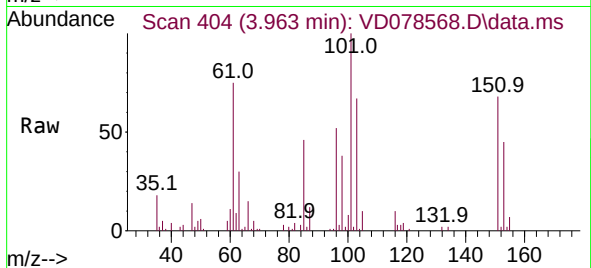
103 63.9 51.8 77.6



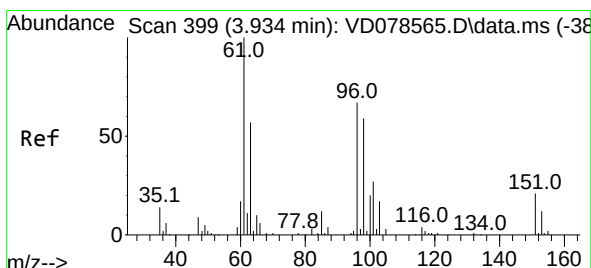
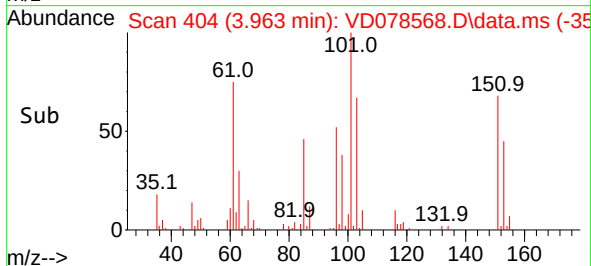
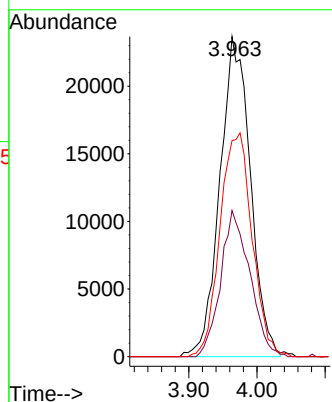


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.844 ug/L
 RT: 3.963 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Instrument :
 MSVOA_D
 ClientSampleId :

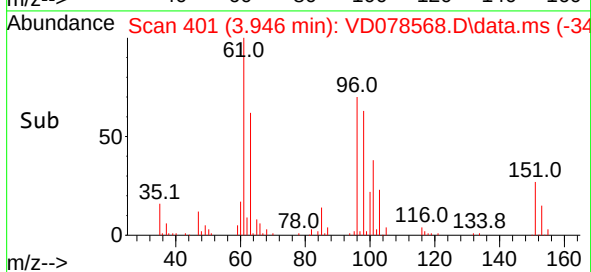
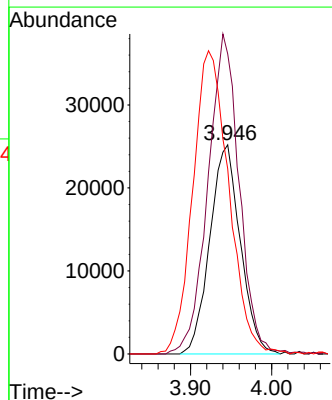
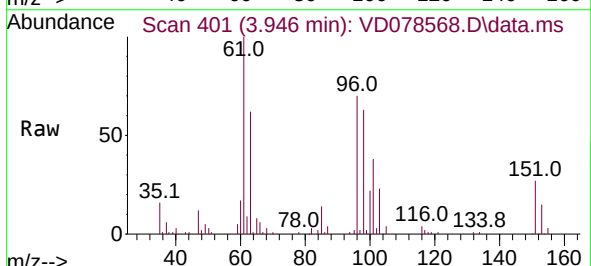


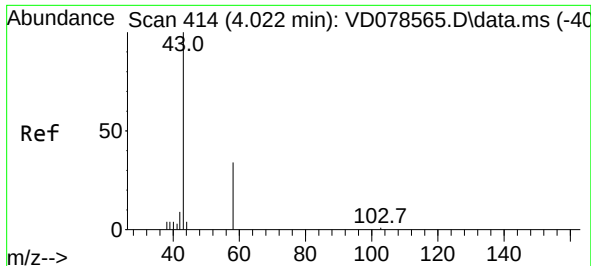
Tgt Ion:101 Resp: 73721
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.2 54.2
 151 73.4 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 26.913 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.012 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Tgt Ion: 96 Resp: 65667
 Ion Ratio Lower Upper
 96 100
 61 143.5 99.3 184.3
 63 88.5 60.6 112.6





#13

Acetone

Concen: 52.484 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

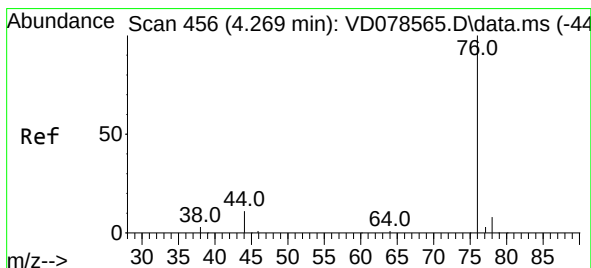
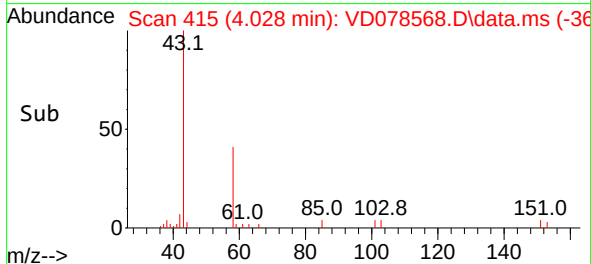
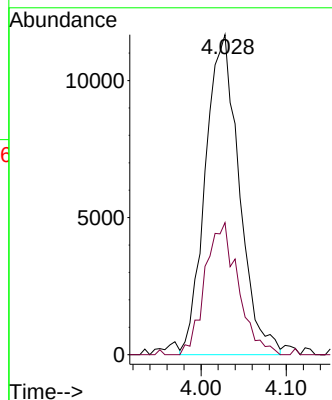
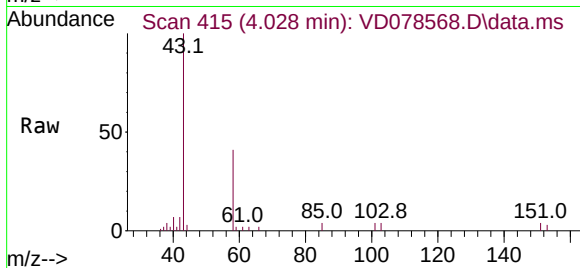
ClientSampleId :

Tgt Ion: 43 Resp: 32214

Ion Ratio Lower Upper

43 100

58 40.4 0.0 46.2



#14

Carbon disulfide

Concen: 26.783 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD078568.D

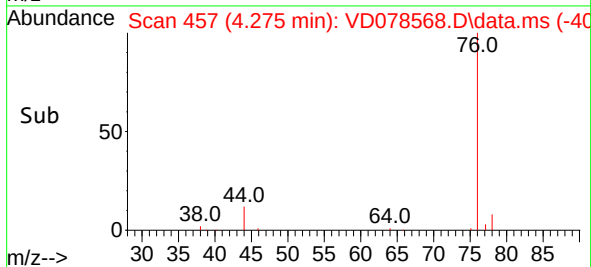
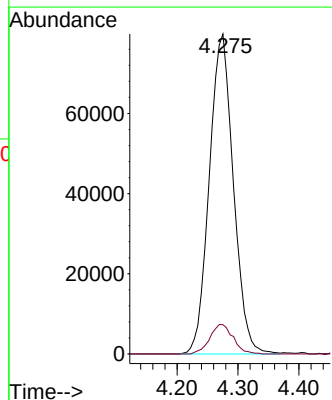
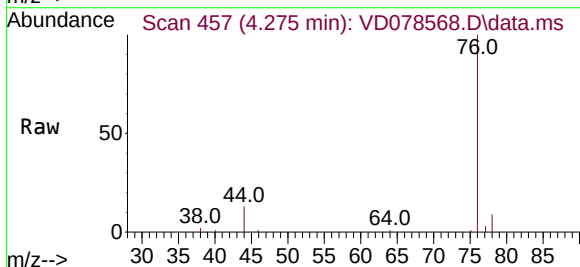
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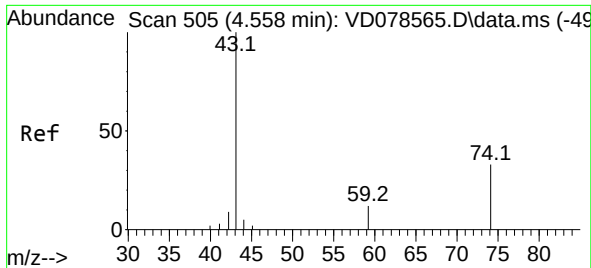
Tgt Ion: 76 Resp: 219273

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3

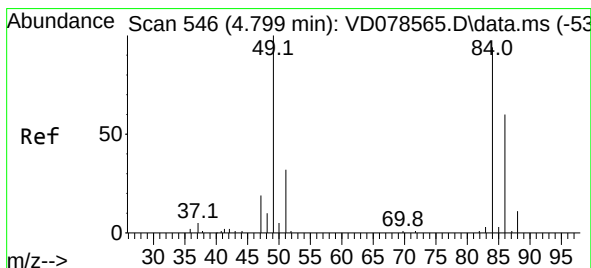
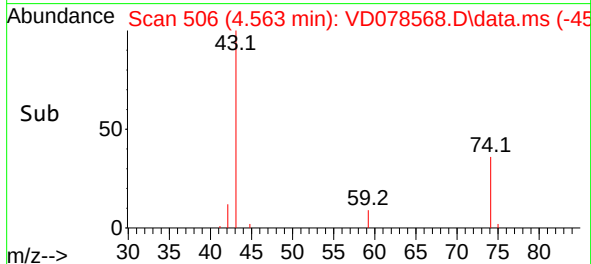
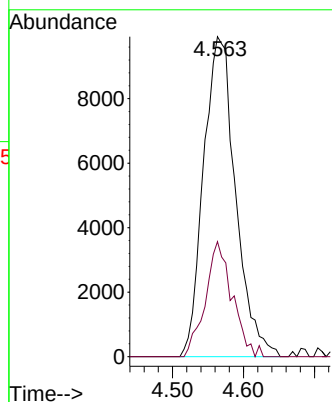
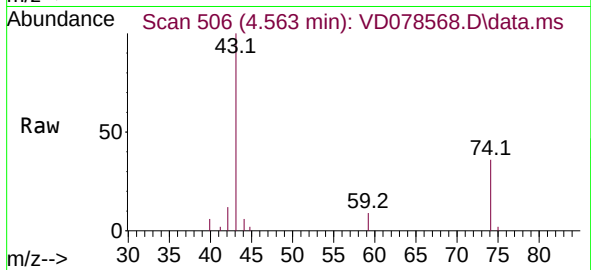




#15
Methyl Acetate
Concen: 35.683 ug/L
RT: 4.563 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

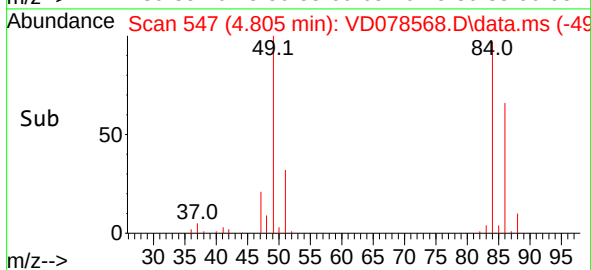
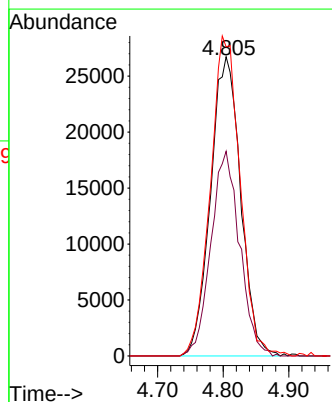
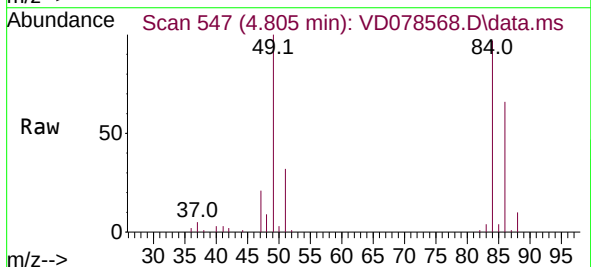
Instrument :
MSVOA_D
ClientSampleId :

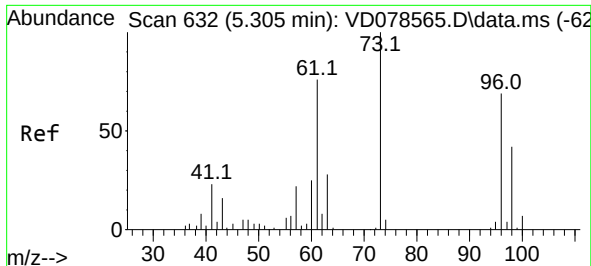
Tgt Ion: 43 Resp: 31108
Ion Ratio Lower Upper
43 100
74 29.7 23.0 34.6



#16
Methylene chloride
Concen: 25.612 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

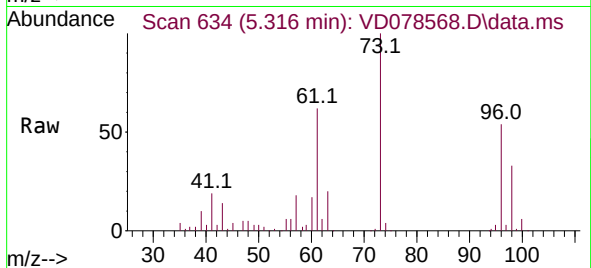
Tgt Ion: 84 Resp: 85083
Ion Ratio Lower Upper
84 100
86 68.4 42.6 79.2
49 103.4 64.3 119.3



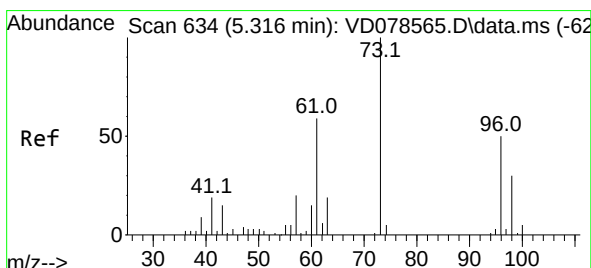
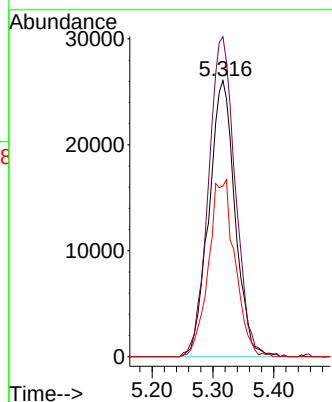
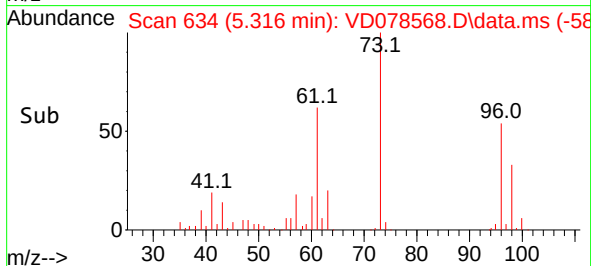


#17
trans-1,2-Dichloroethene
Concen: 28.794 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

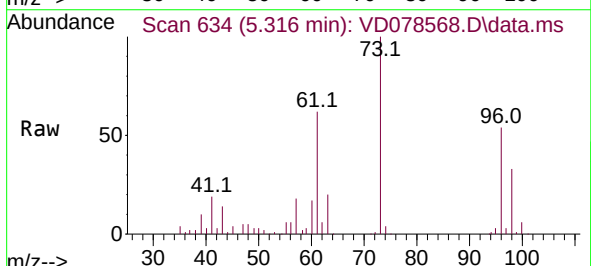
Instrument :
MSVOA_D
ClientSampleId :



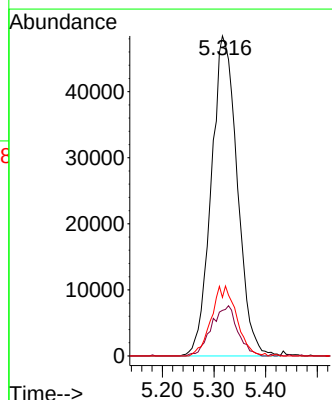
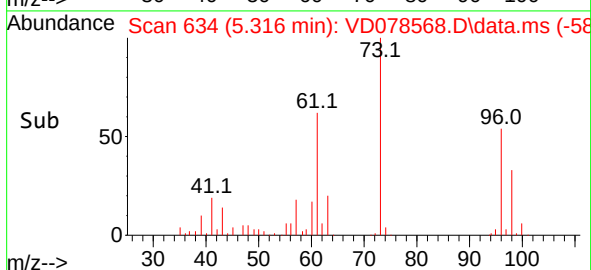
Tgt Ion: 96 Resp: 77698
Ion Ratio Lower Upper
96 100
61 115.9 70.9 131.7
98 61.8 42.1 78.1

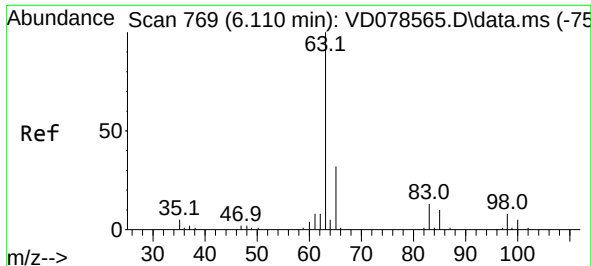


#18
Methyl tert-butyl Ether
Concen: 32.991 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07



Tgt Ion: 73 Resp: 169299
Ion Ratio Lower Upper
73 100
43 15.7 7.4 11.2#
57 10.4 15.0 22.6#





#19

1,1-Dichloroethane

Concen: 30.153 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :

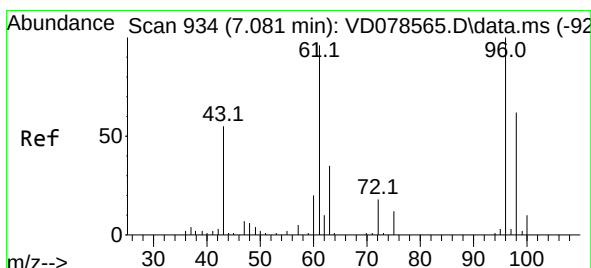
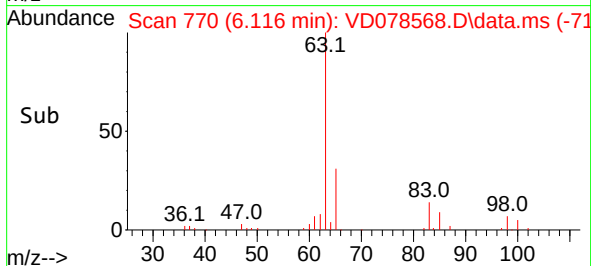
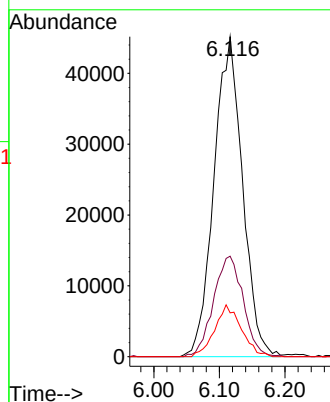
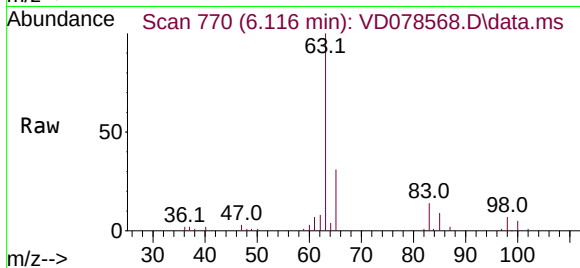
Tgt Ion: 63 Resp: 136636

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.3

83 13.7 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 30.105 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

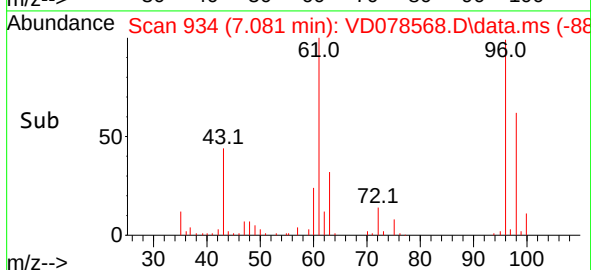
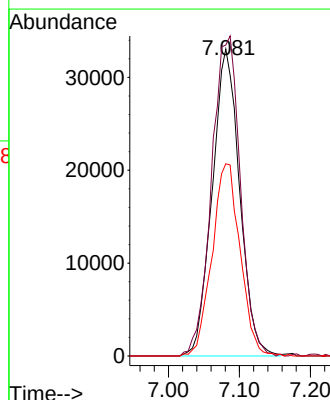
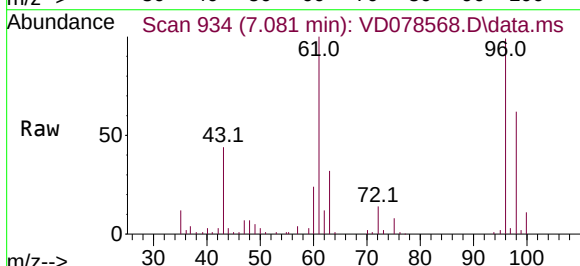
Tgt Ion: 96 Resp: 88669

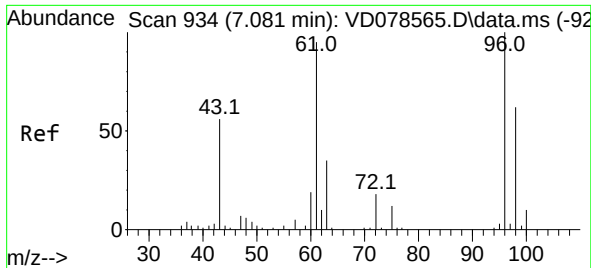
Ion Ratio Lower Upper

96 100

61 101.3 70.6 131.0

98 62.6 39.8 73.8

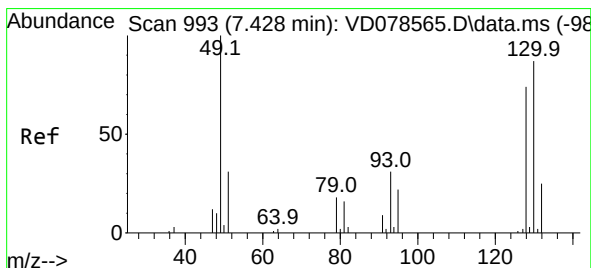
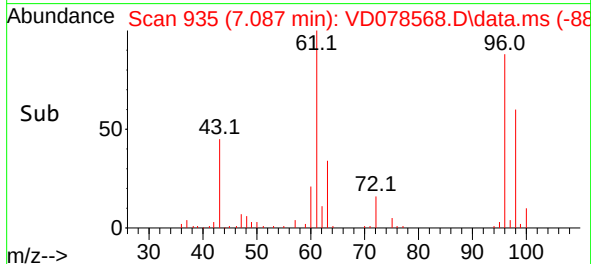
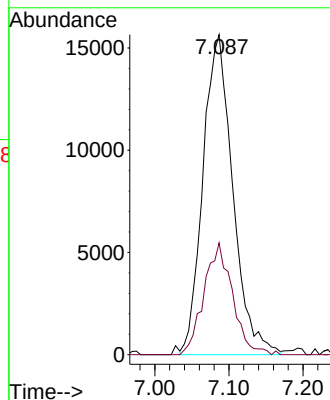
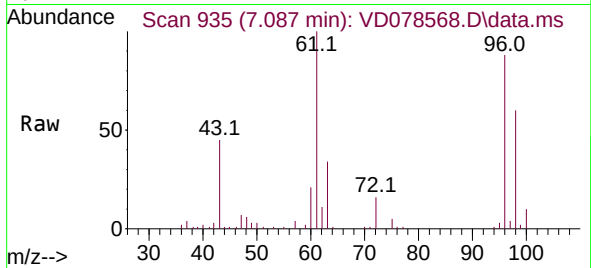




#22
2-Butanone
Concen: 62.350 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

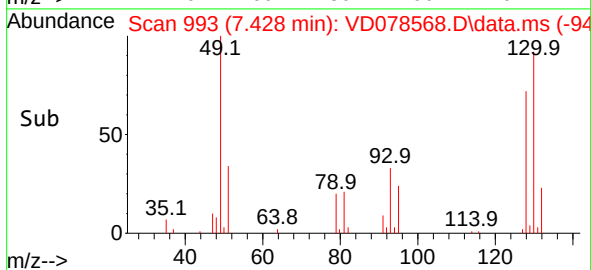
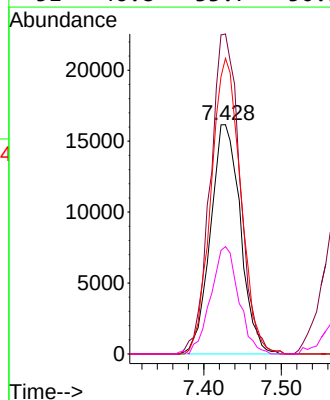
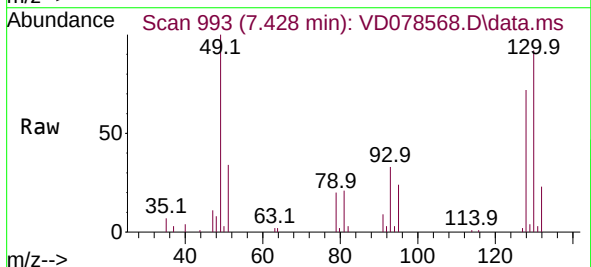
Instrument :
MSVOA_D
ClientSampleId :

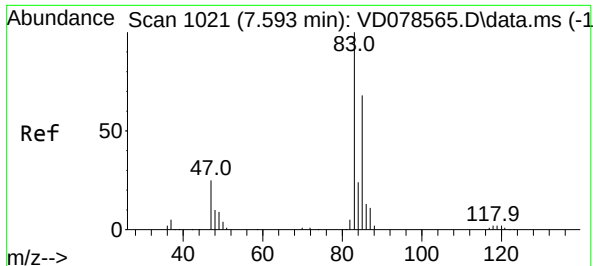
Tgt Ion: 43 Resp: 43798
Ion Ratio Lower Upper
43 100
72 32.8 16.1 48.2



#23
Bromochloromethane
Concen: 33.143 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:128 Resp: 43343
Ion Ratio Lower Upper
128 100
49 139.6 96.7 179.5
130 129.0 83.2 154.4
51 46.8 33.7 50.5





#25

Chloroform

Concen: 30.082 ug/L

RT: 7.598 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

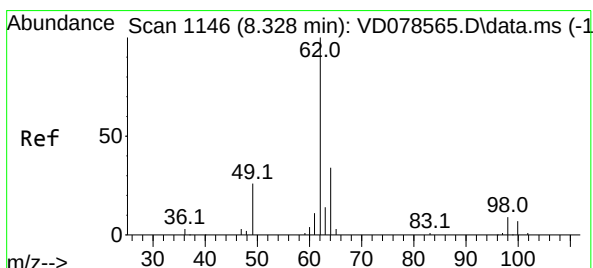
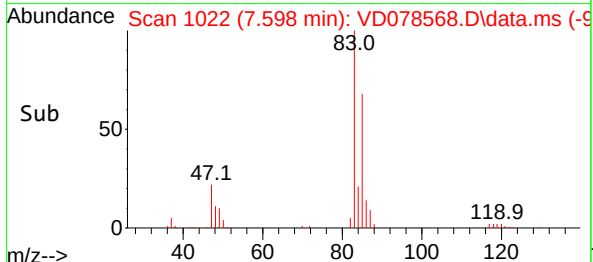
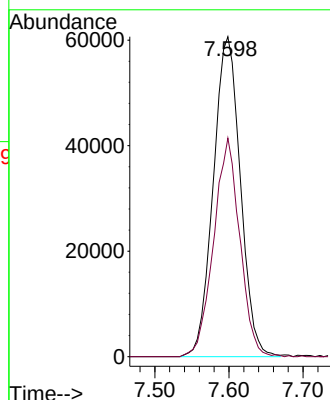
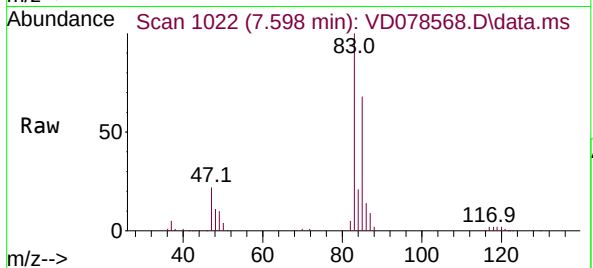
ClientSampleId :

Tgt Ion: 83 Resp: 153873

Ion Ratio Lower Upper

83 100

85 68.3 43.0 80.0



#27

1,2-Dichloroethane

Concen: 32.621 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078568.D

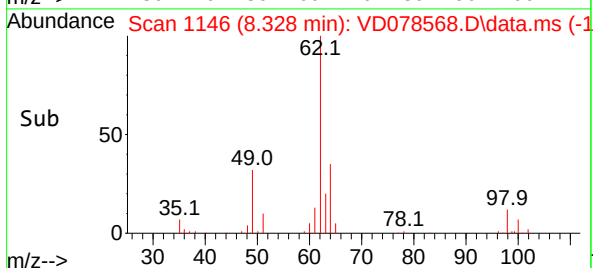
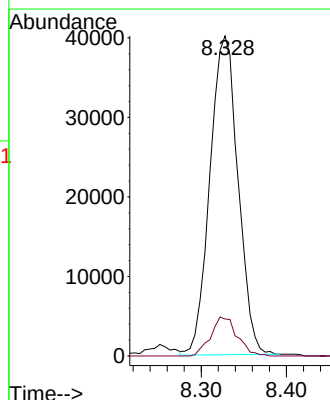
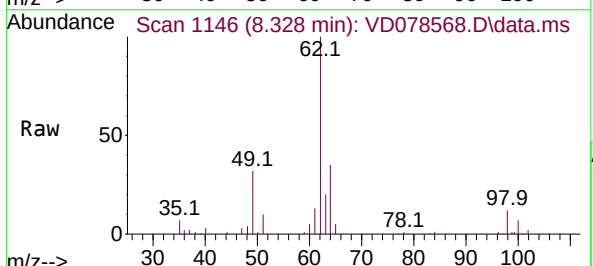
Acq: 28 Feb 2024 17:07

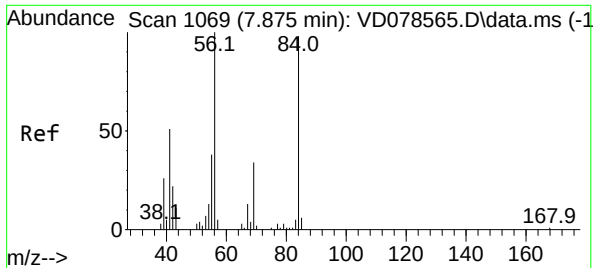
Tgt Ion: 62 Resp: 91971

Ion Ratio Lower Upper

62 100

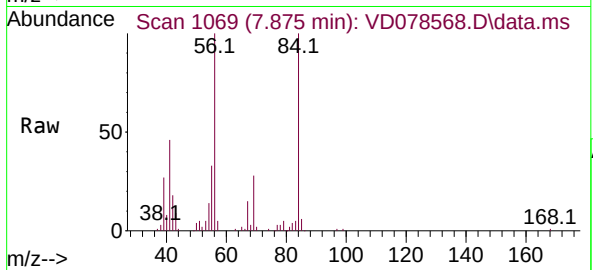
98 11.6 8.1 12.1



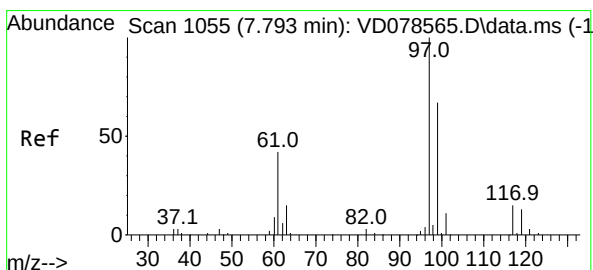
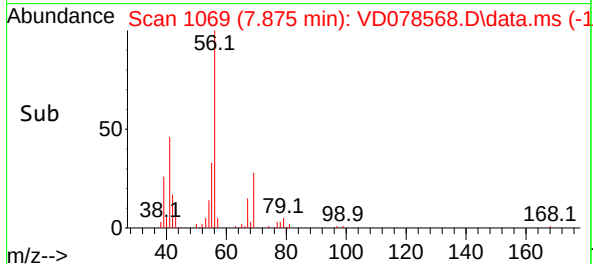
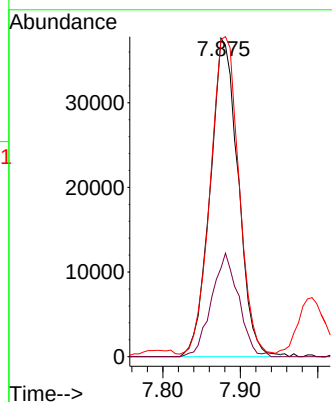


#29
Cyclohexane
Concen: 26.206 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

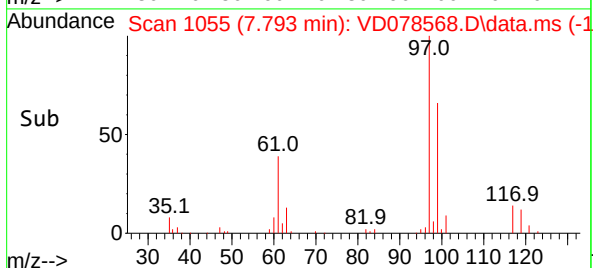
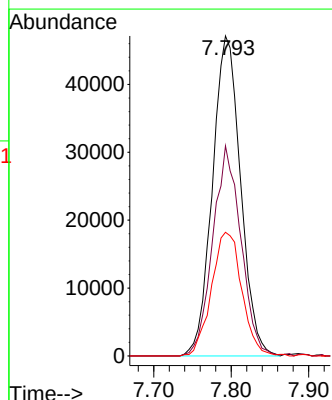
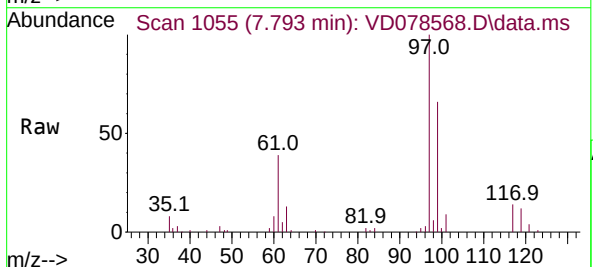


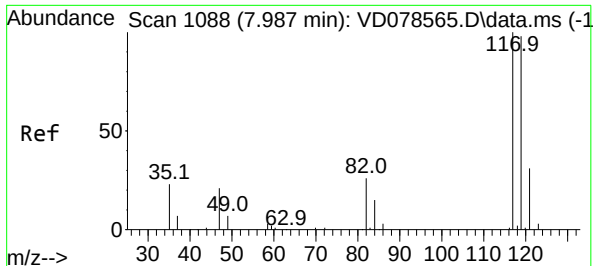
Tgt Ion: 56 Resp: 94448
Ion Ratio Lower Upper
56 100
69 31.2 25.2 37.8
84 103.4 80.1 120.1



#30
1,1,1-Trichloroethane
Concen: 27.793 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

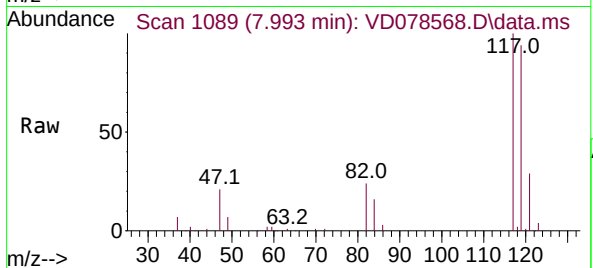
Tgt Ion: 97 Resp: 119063
Ion Ratio Lower Upper
97 100
99 65.6 52.3 78.5
61 41.5 33.6 50.4



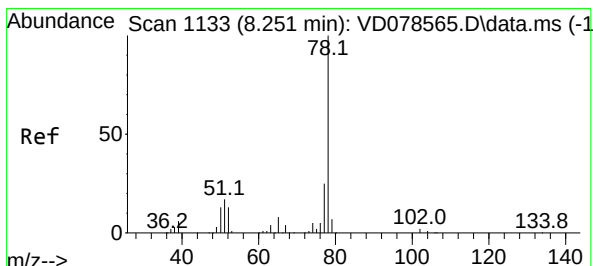
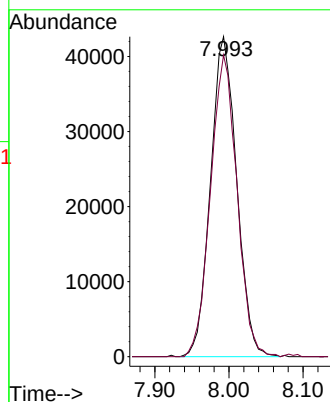
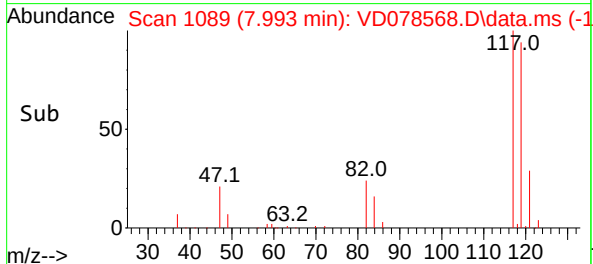


#31
Carbon tetrachloride
Concen: 27.365 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

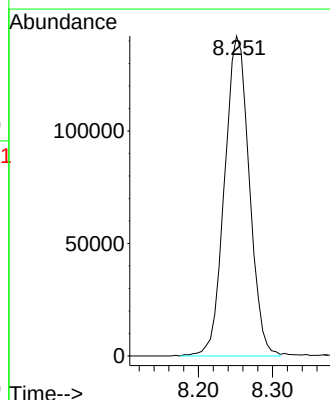
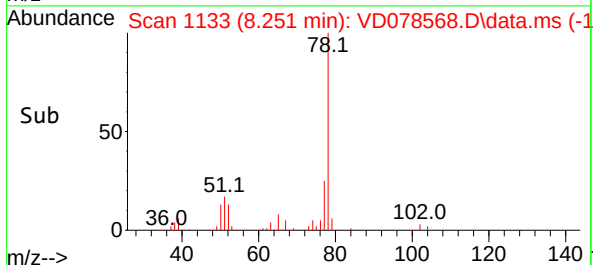
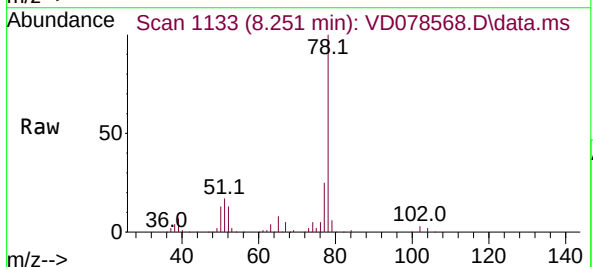


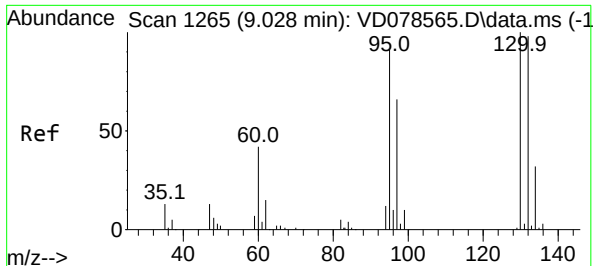
Tgt Ion:117 Resp: 104561
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2



#33
Benzene
Concen: 29.376 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

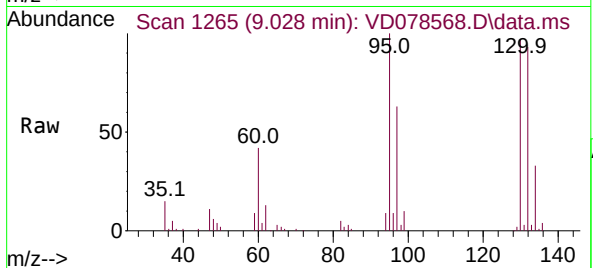
Tgt Ion: 78 Resp: 329269





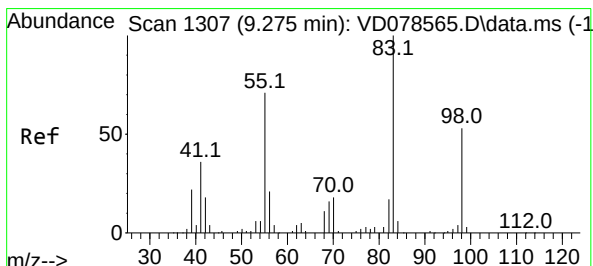
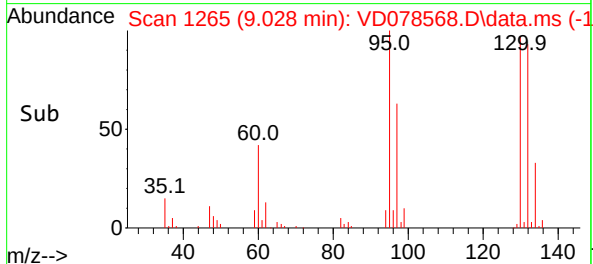
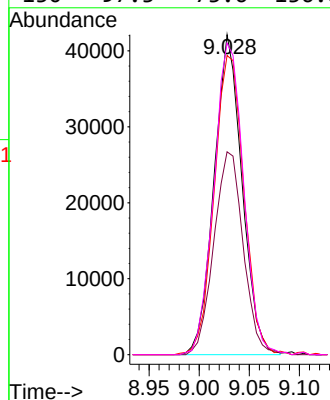
#34
Trichloroethene
Concen: 27.955 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 81470

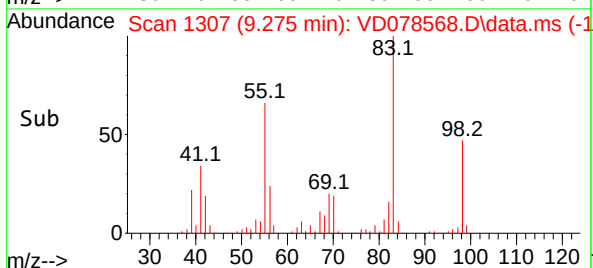
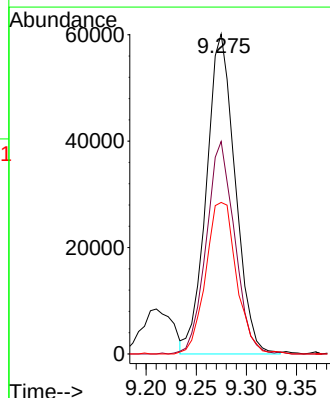
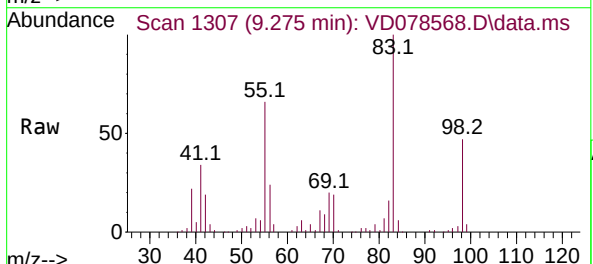
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.9	83.5
132	93.5	67.9	126.1
130	97.3	73.6	136.8

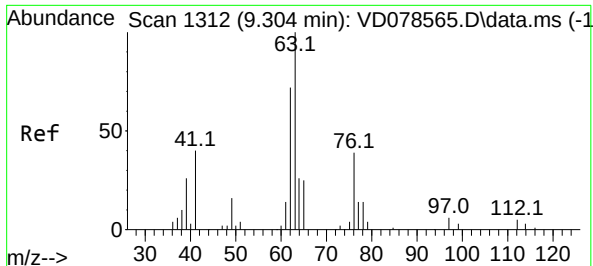


#35
Methylcyclohexane
Concen: 25.514 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion: 83 Resp: 120058

Ion	Ratio	Lower	Upper
83	100		
55	65.2	52.2	78.2
98	50.5	40.5	60.7

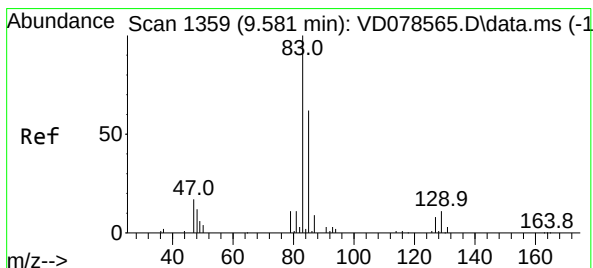
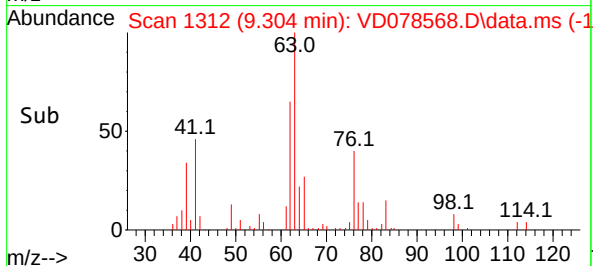
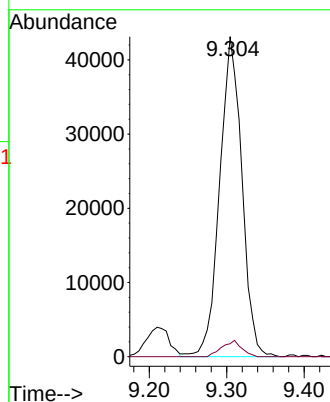
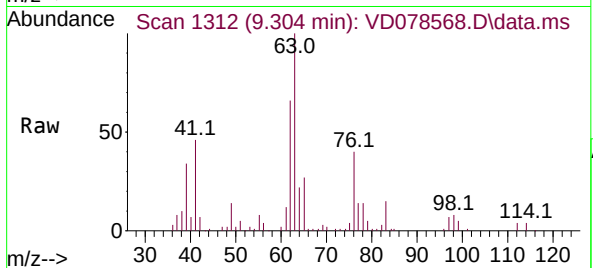




#37
1,2-Dichloropropane
Concen: 31.195 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

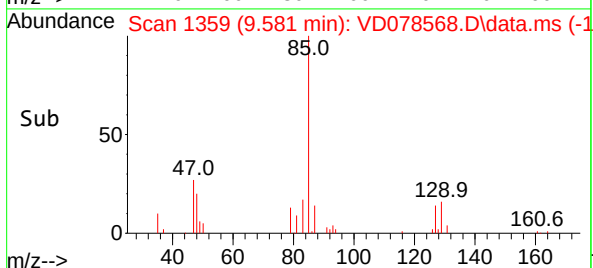
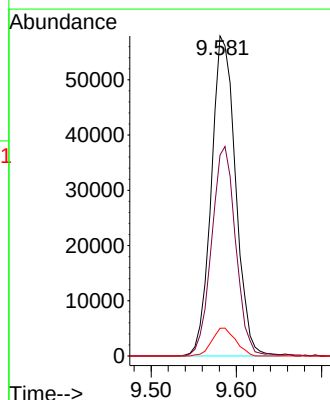
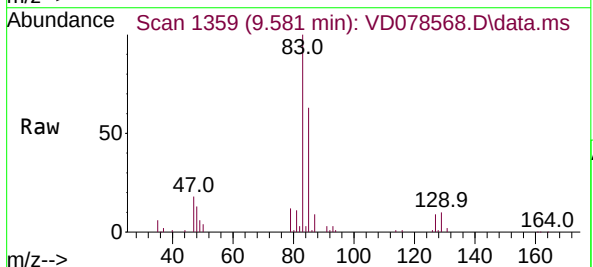
Instrument :
MSVOA_D
ClientSampleId :

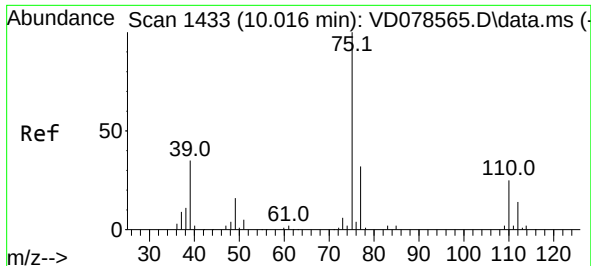
Tgt Ion: 63 Resp: 86042
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 30.447 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion: 83 Resp: 114517
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.8
127 8.6 7.0 10.6

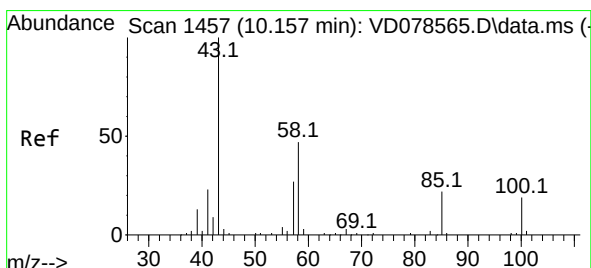
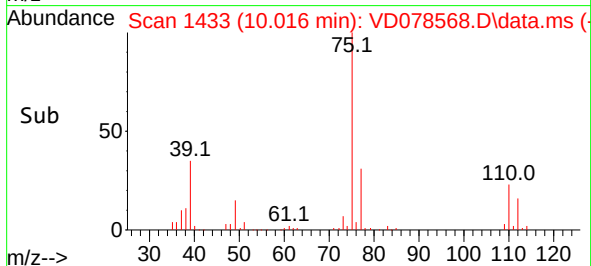
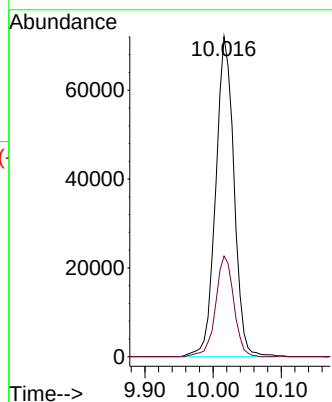
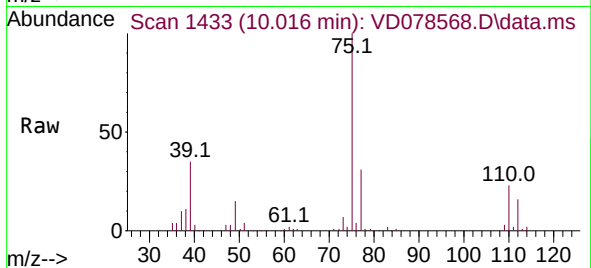




#39
 cis-1,3-Dichloropropene
 Concen: 31.448 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

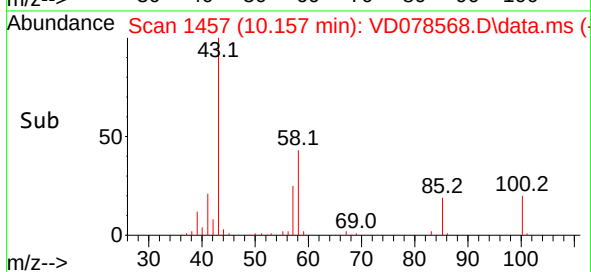
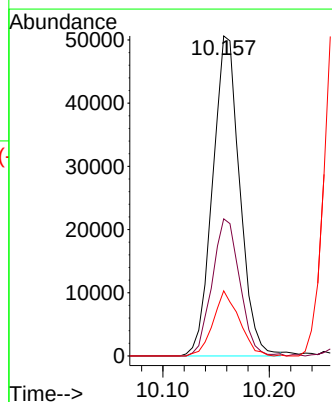
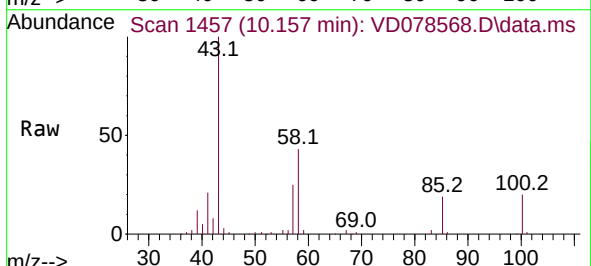
Instrument :
 MSVOA_D
 ClientSampleId :

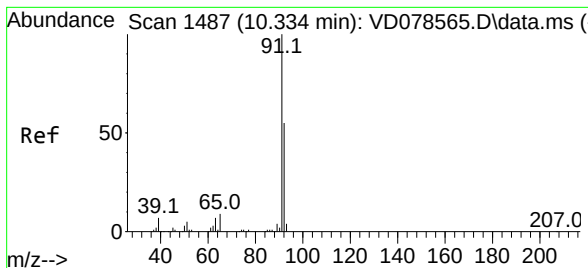
Tgt Ion: 75 Resp: 134740
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.7 43.9



#40
 4-Methyl-2-pentanone
 Concen: 70.395 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078568.D
 Acq: 28 Feb 2024 17:07

Tgt Ion: 43 Resp: 89560
 Ion Ratio Lower Upper
 43 100
 58 43.5 36.2 54.2
 100 19.7 15.6 23.4





#42

Toluene

Concen: 29.353 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

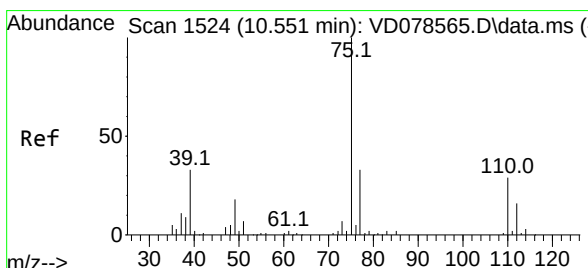
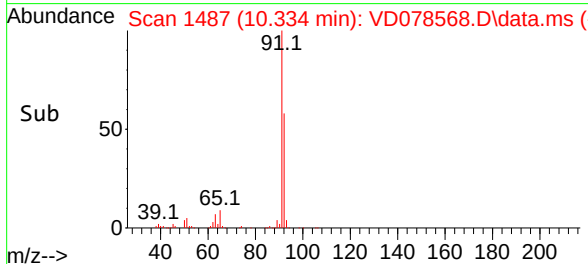
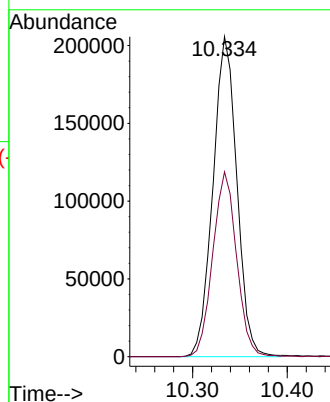
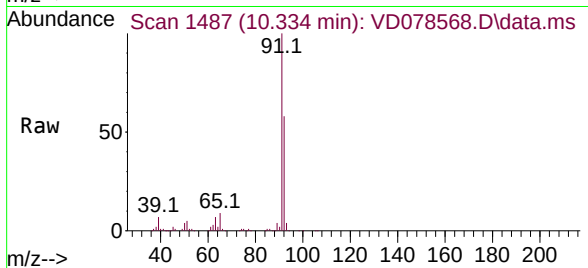
ClientSampleId :

Tgt Ion: 91 Resp: 360756

Ion Ratio Lower Upper

91 100

92 57.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 30.666 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078568.D

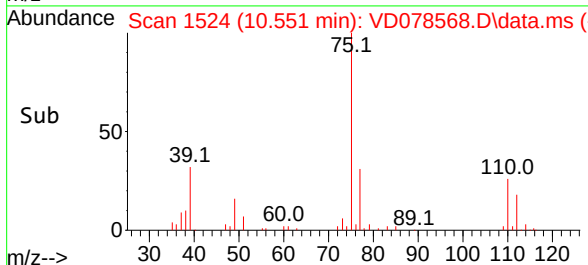
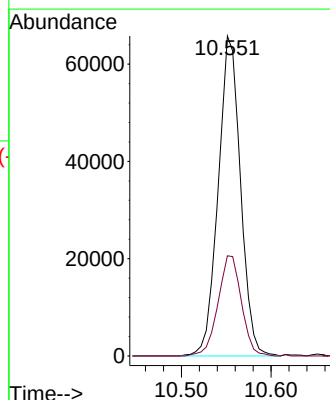
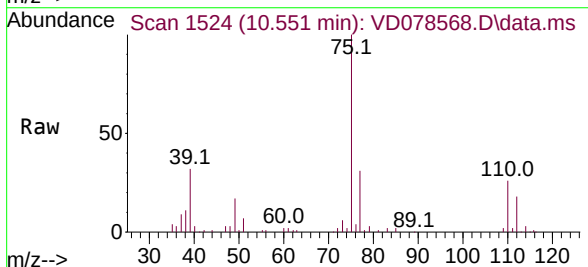
Acq: 28 Feb 2024 17:07

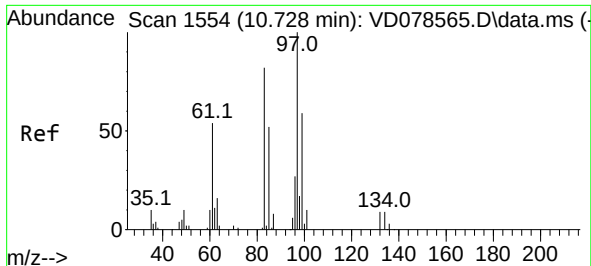
Tgt Ion: 75 Resp: 113455

Ion Ratio Lower Upper

75 100

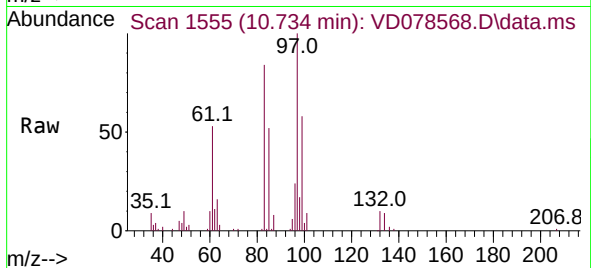
77 31.3 22.7 42.3



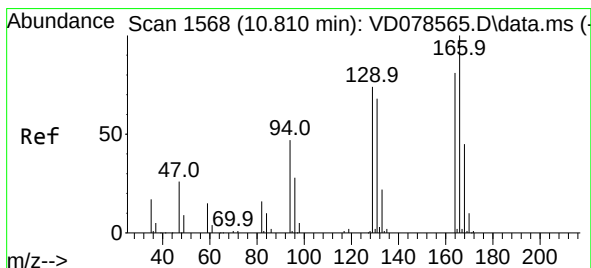
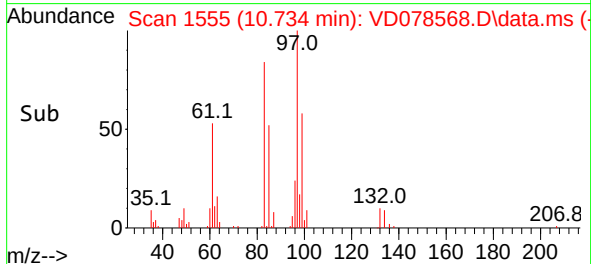
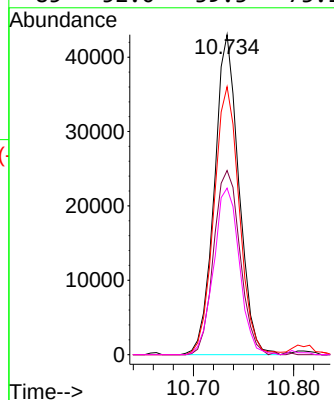


#45
1,1,2-Trichloroethane
Concen: 32.711 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

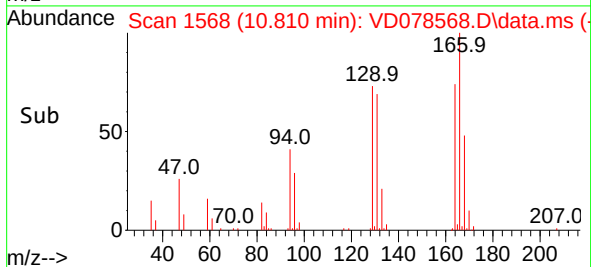
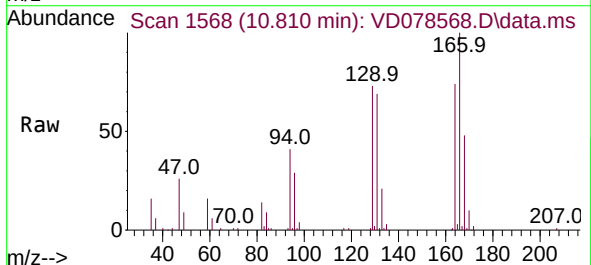
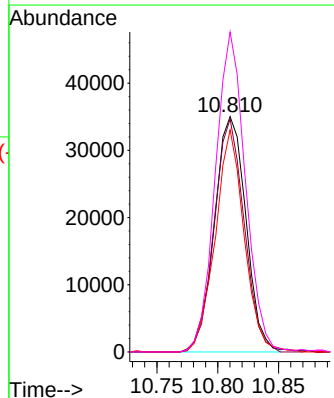


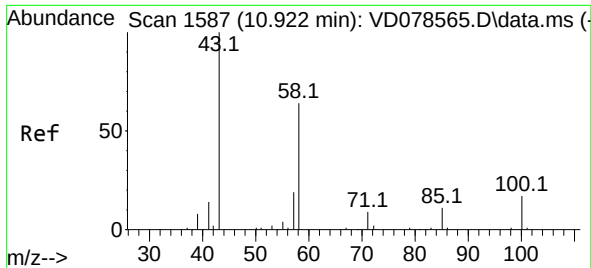
Tgt Ion: 97	Resp: 73052
Ion Ratio	Lower Upper
97 100	
99 57.5	41.1 76.3
83 83.7	57.5 106.7
85 52.0	39.3 73.1



#46
Tetrachloroethene
Concen: 26.319 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt	Ion:164	Resp:	63040
Ion	Ratio	Lower	Upper
164	100		
129	99.0	60.9	113.1
131	94.3	58.9	109.3
166	136.0	86.2	160.2

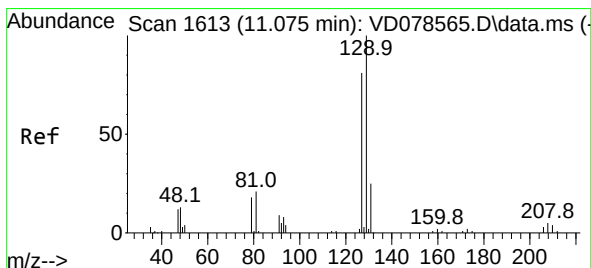
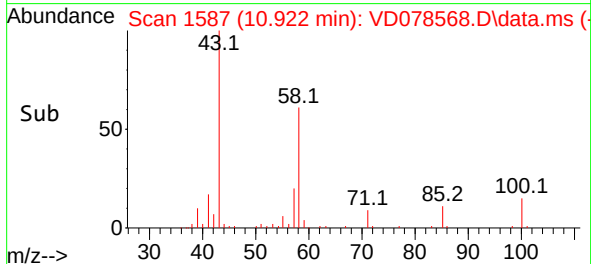
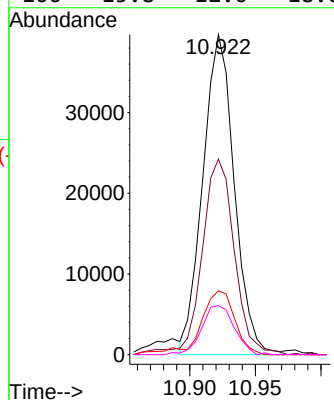
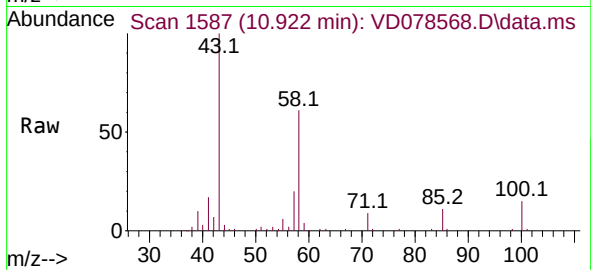




#48
2-Hexanone
Concen: 62.726 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

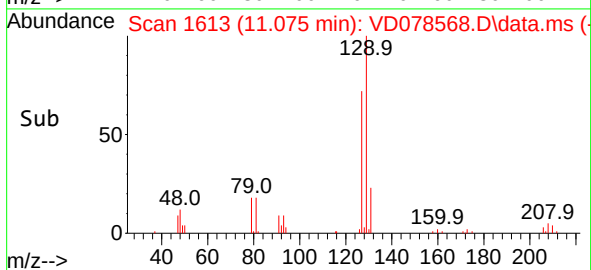
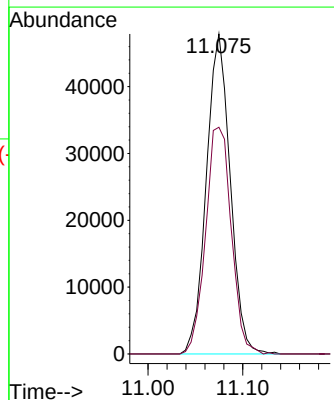
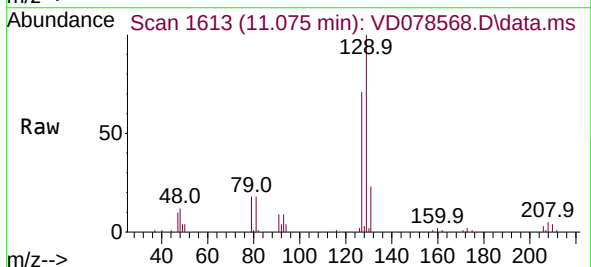
Instrument :
MSVOA_D
ClientSampleId :

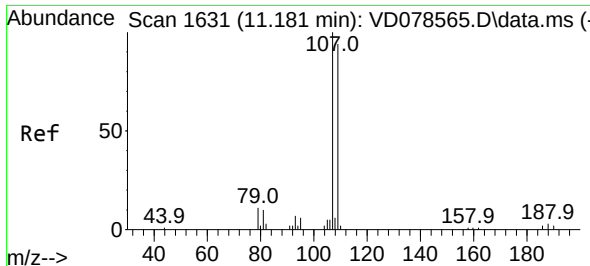
Tgt Ion: 43	Resp: 66211
Ion Ratio	Lower Upper
43 100	
58 61.3	48.7 73.1
57 19.7	15.6 23.4
100 15.8	12.0 18.0



#49
Dibromochloromethane
Concen: 31.964 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:129	Resp:	83783	
Ion	Ratio	Lower	Upper
129	100		
127	70.8	55.5	103.1

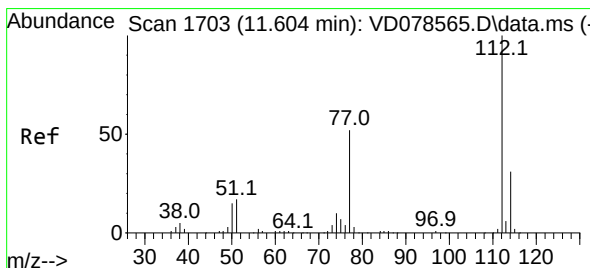
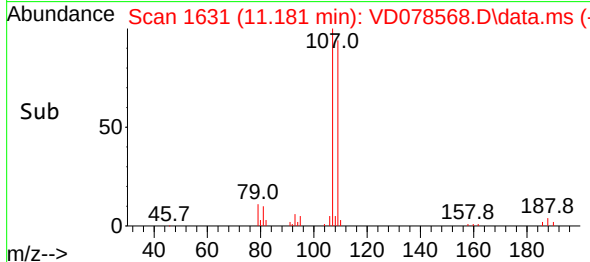
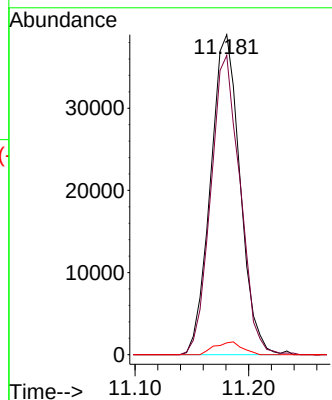
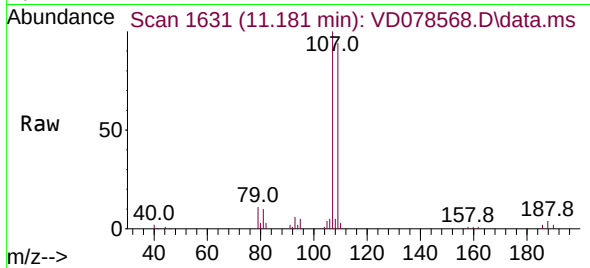




#50
1,2-Dibromoethane
Concen: 33.173 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

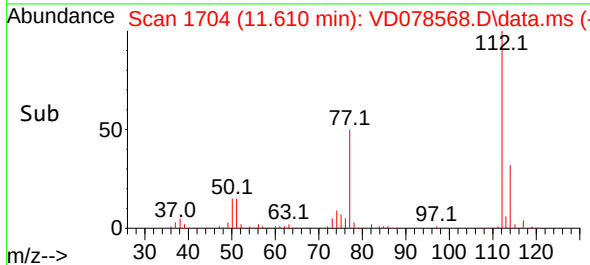
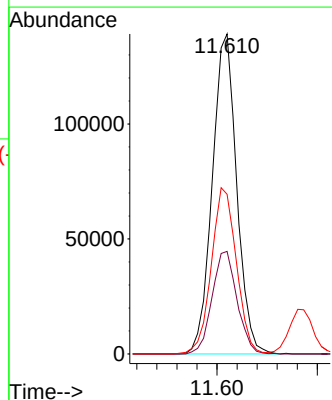
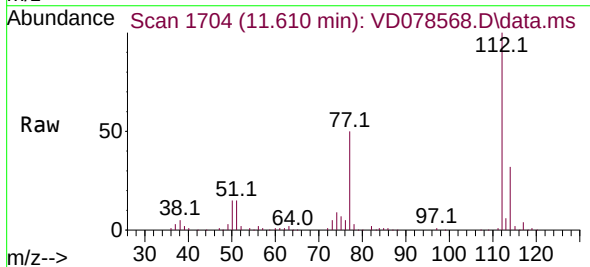
Instrument :
MSVOA_D
ClientSampleId :

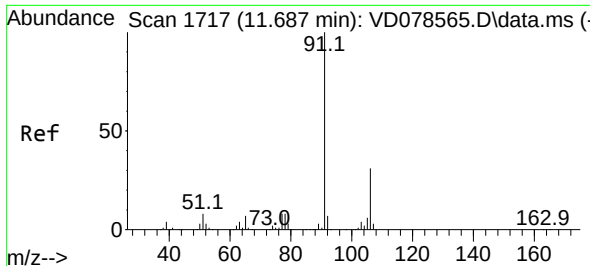
Tgt Ion:107 Resp: 70393
Ion Ratio Lower Upper
107 100
109 93.6 60.4 112.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 28.975 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:112 Resp: 234556
Ion Ratio Lower Upper
112 100
114 32.0 21.6 40.0
77 49.9 42.0 63.0

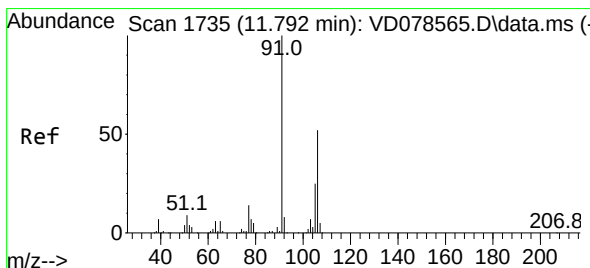
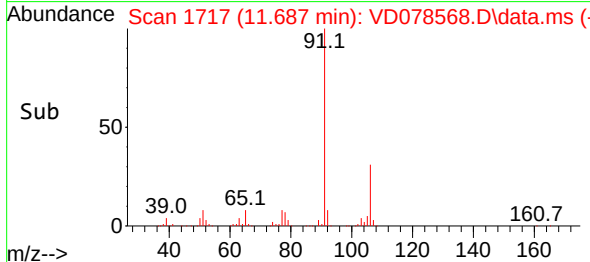
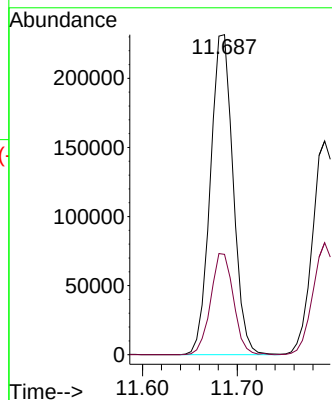
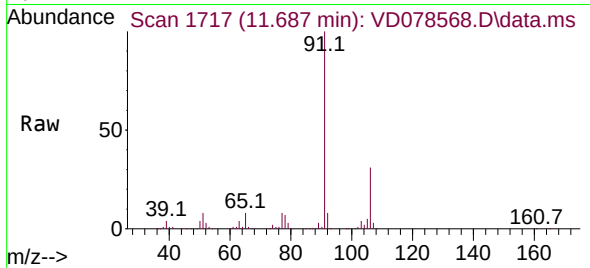




#52
Ethylbenzene
Concen: 28.960 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

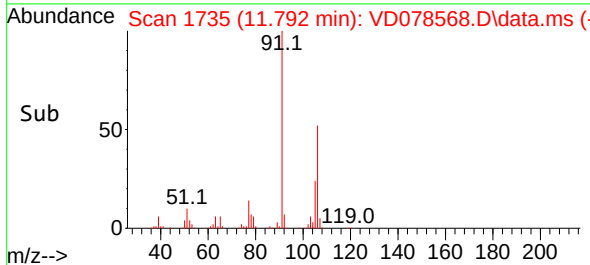
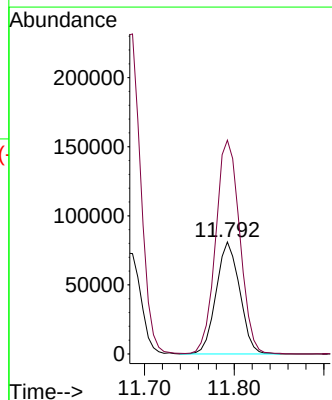
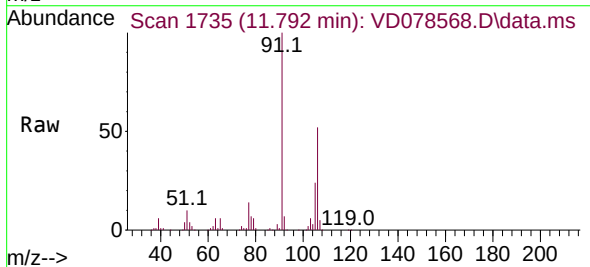
Instrument :
MSVOA_D
ClientSampleId :

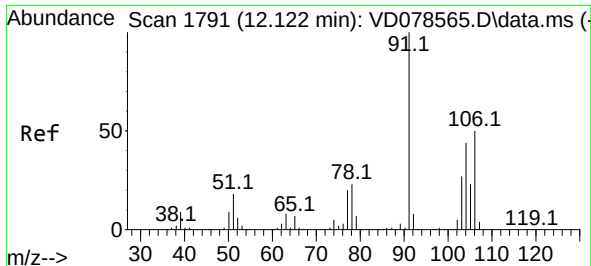
Tgt Ion: 91 Resp: 386705
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 28.670 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:106 Resp: 147636
Ion Ratio Lower Upper
106 100
91 190.9 138.2 256.6

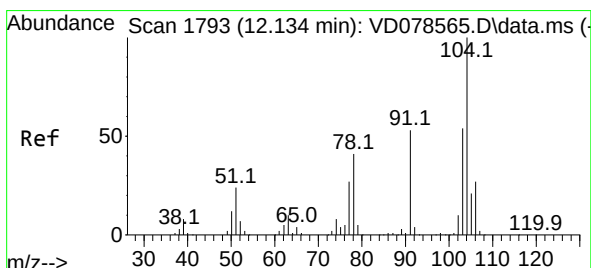
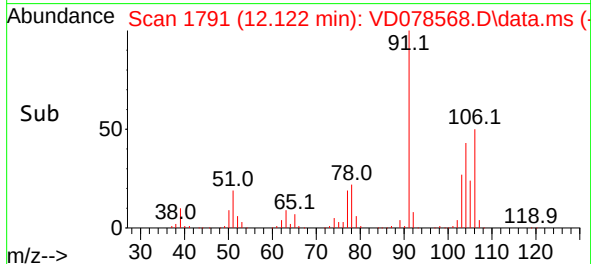
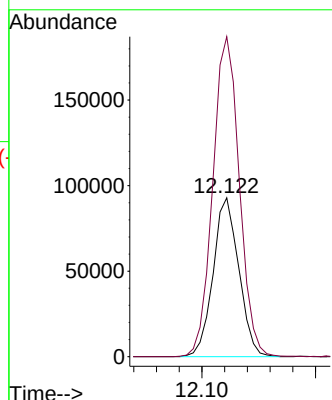
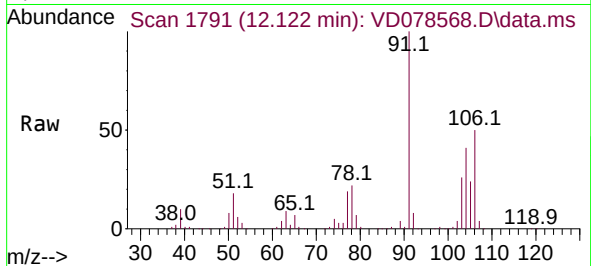




#54
o-Xylene
Concen: 29.178 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

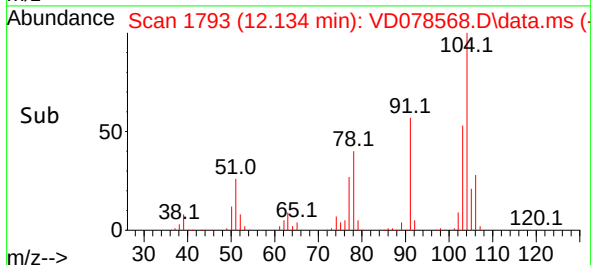
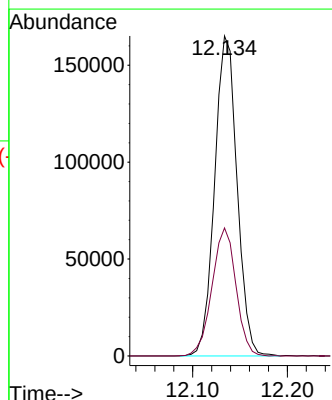
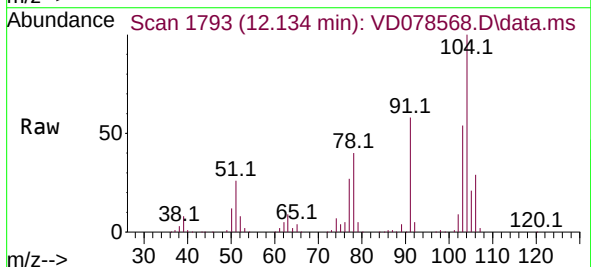
Instrument :
MSVOA_D
ClientSampleId :

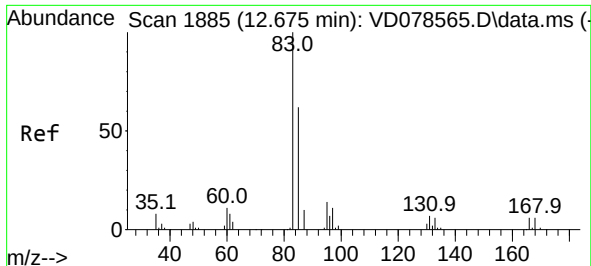
Tgt Ion:106 Resp: 146026
Ion Ratio Lower Upper
106 100
91 201.4 140.2 260.4



#55
Styrene
Concen: 30.648 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:104 Resp: 272171
Ion Ratio Lower Upper
104 100
78 40.0 27.9 51.9





#57

1,1,2,2-Tetrachloroethane

Concen: 34.657 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078568.D

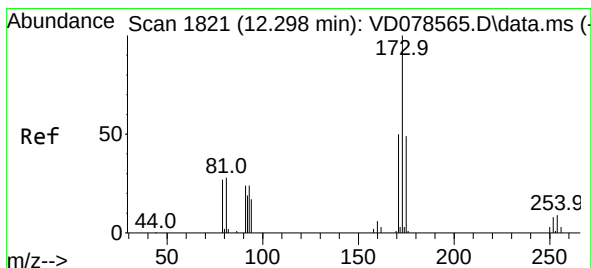
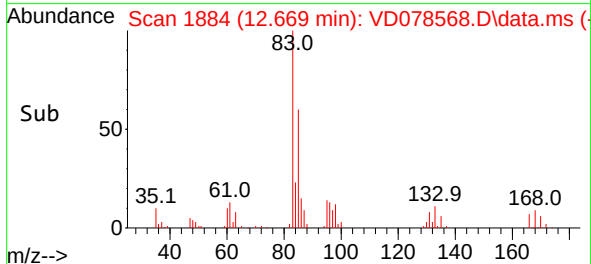
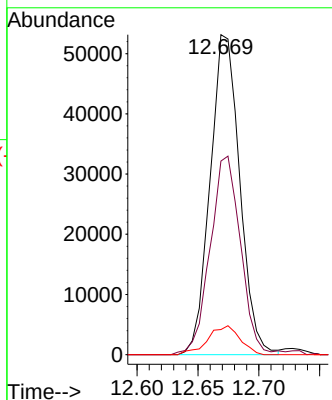
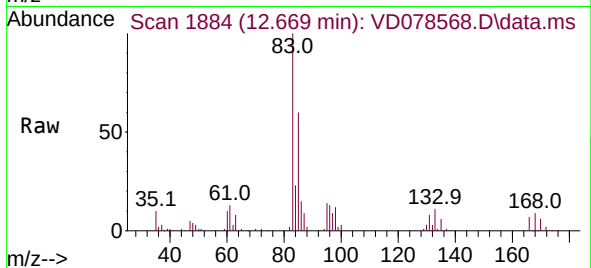
Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	90080
Ion Ratio	Lower	Upper	
83	100		
85	60.5	43.1	80.1
131	7.8	7.4	11.0



#59

Bromoform

Concen: 32.541 ug/L

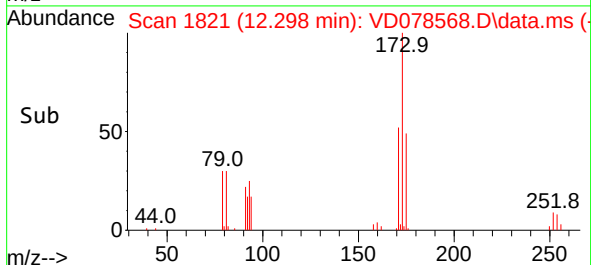
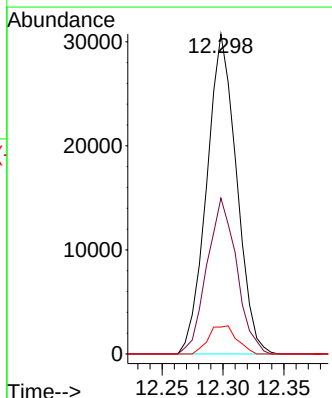
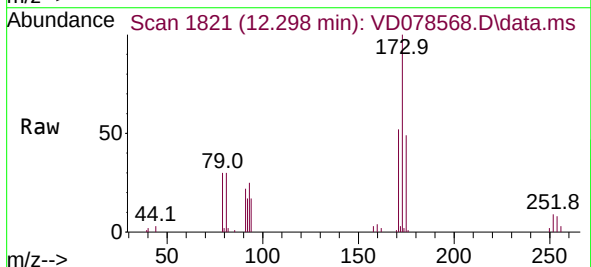
RT: 12.298 min Scan# 1821

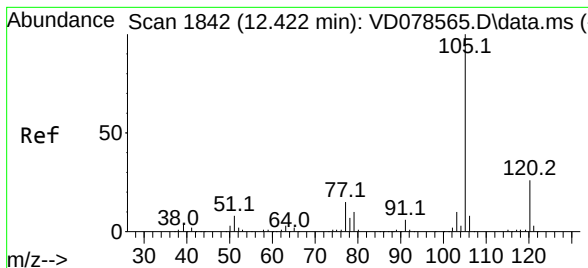
Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Tgt Ion:	173	Resp:	52323
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.0	58.4
254	8.4	7.4	11.0





#60

Isopropylbenzene

Concen: 28.154 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :

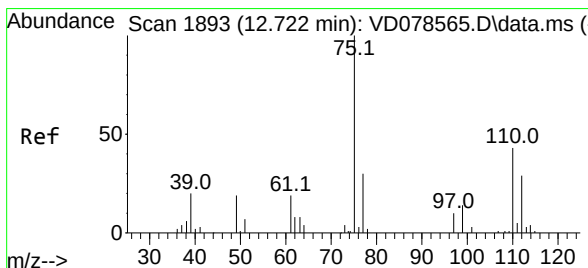
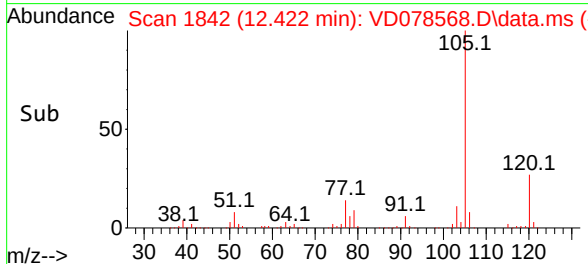
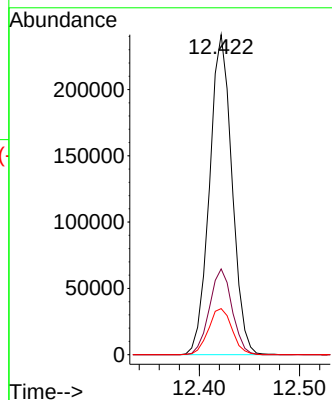
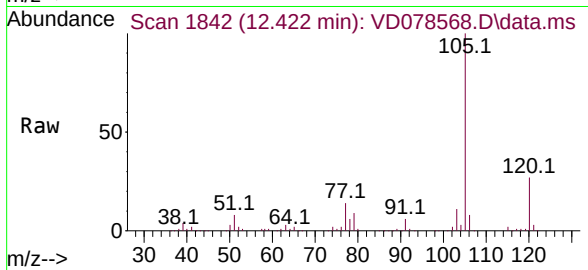
Tgt Ion:105 Resp: 375869

Ion Ratio Lower Upper

105 100

120 27.0 21.8 32.6

77 15.1 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 34.048 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

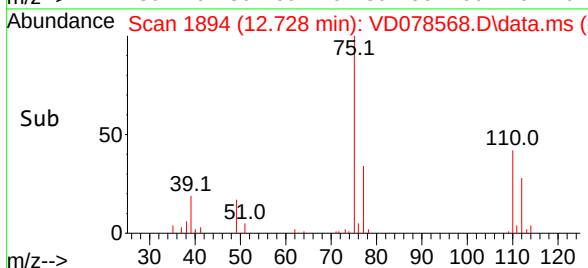
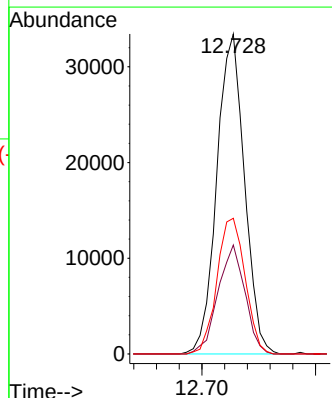
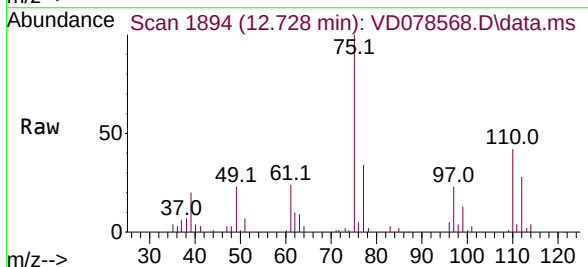
Tgt Ion: 75 Resp: 56504

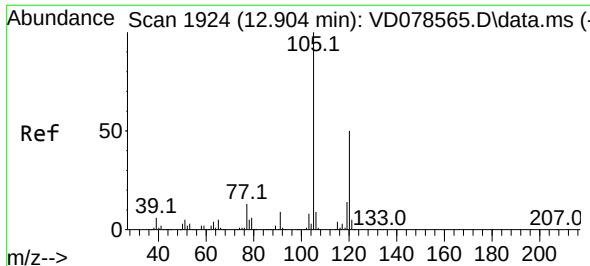
Ion Ratio Lower Upper

75 100

77 33.2 26.3 39.5

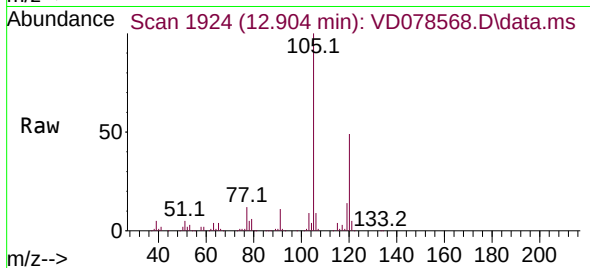
110 43.2 33.3 49.9



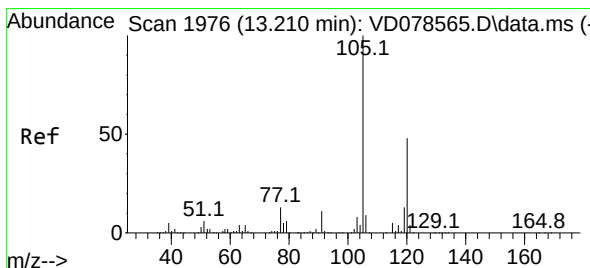
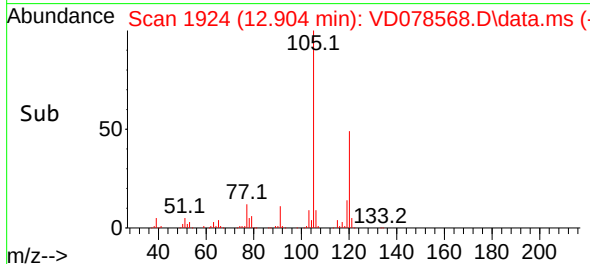
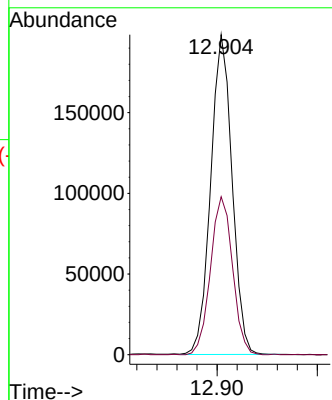


#62
1,3,5-Trimethylbenzene
Concen: 28.887 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

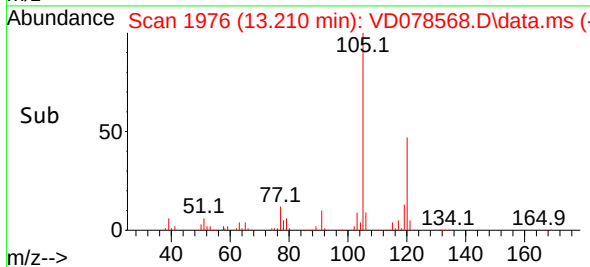
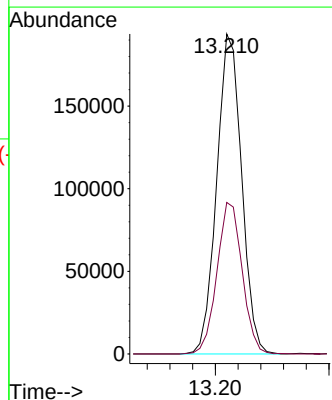
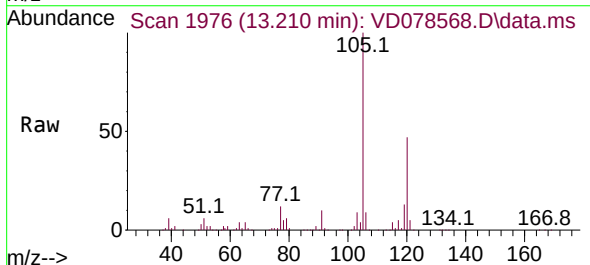


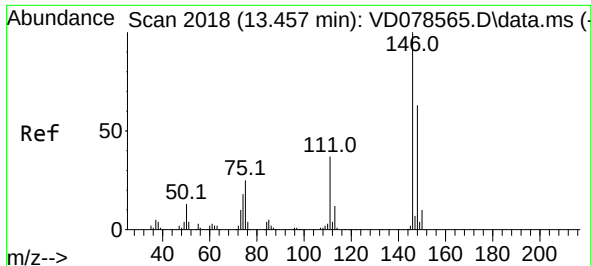
Tgt Ion:105 Resp: 293026
Ion Ratio Lower Upper
105 100
120 50.8 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 29.631 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:105 Resp: 294919
Ion Ratio Lower Upper
105 100
120 47.9 37.3 55.9

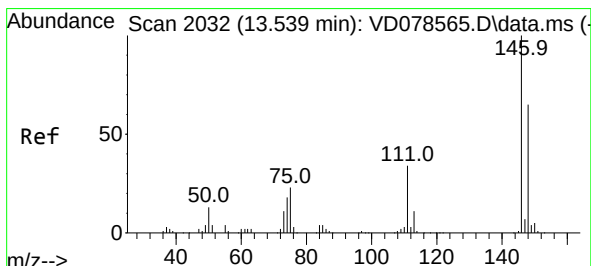
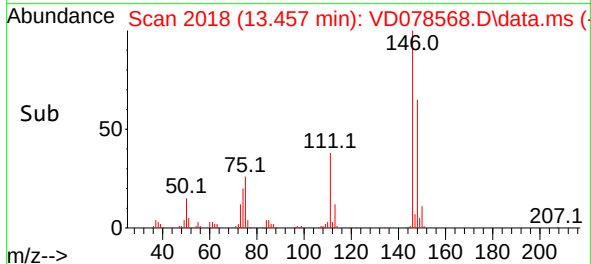
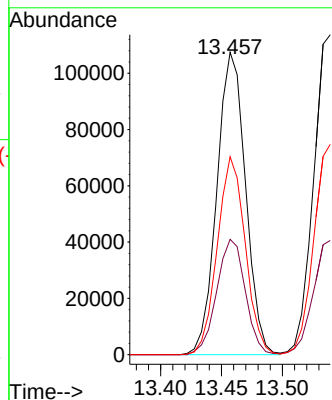
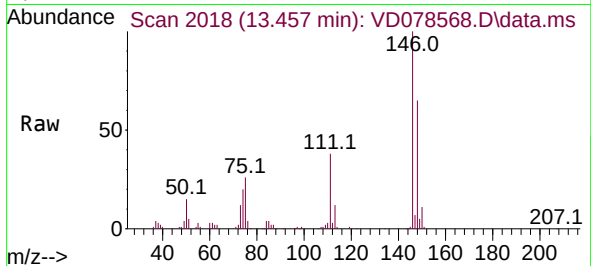




#64
1,3-Dichlorobenzene
Concen: 28.617 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

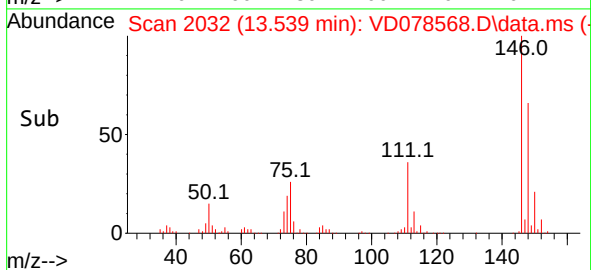
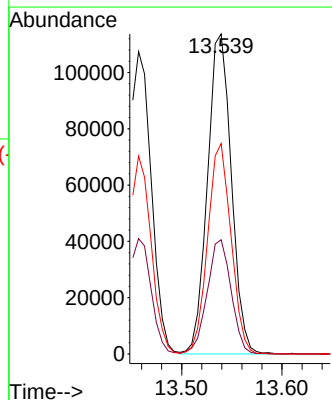
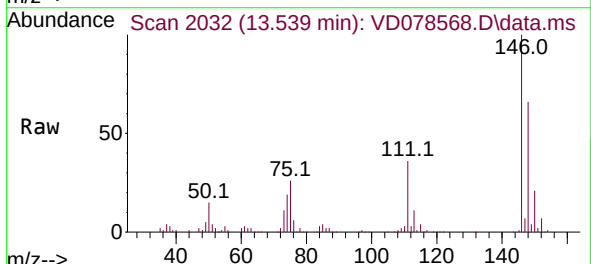
Instrument :
MSVOA_D
ClientSampleId :

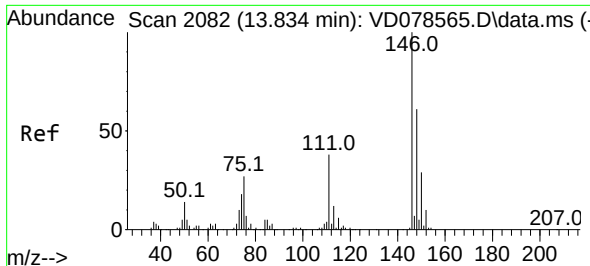
Tgt Ion:146 Resp: 176173
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 65.4 46.4 86.2



#65
1,4-Dichlorobenzene
Concen: 29.132 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:146 Resp: 188806
Ion Ratio Lower Upper
146 100
111 35.7 24.4 45.2
148 65.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 29.658 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

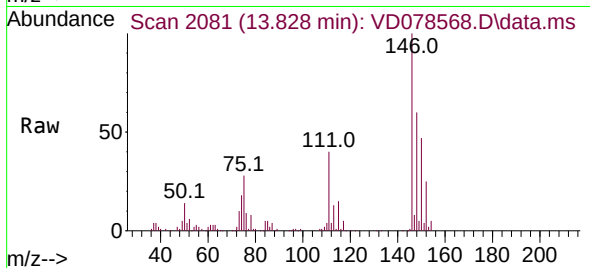
Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :



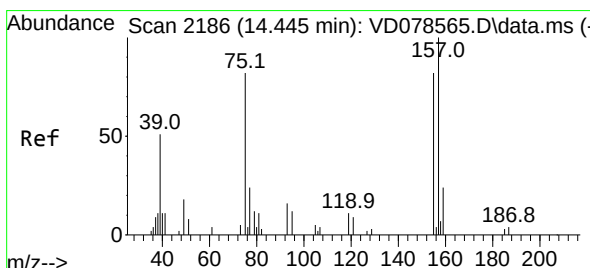
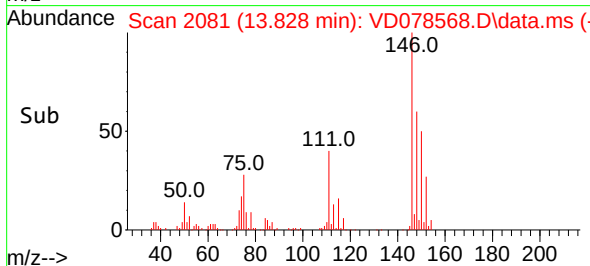
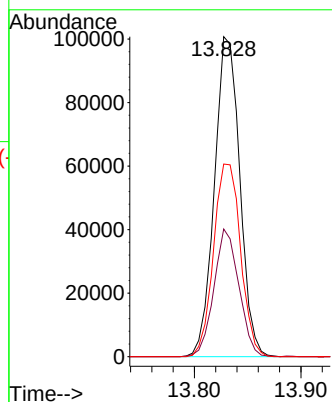
Tgt Ion:146 Resp: 166658

Ion Ratio Lower Upper

146 100

111 39.9 33.4 50.0

148 60.2 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 33.474 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

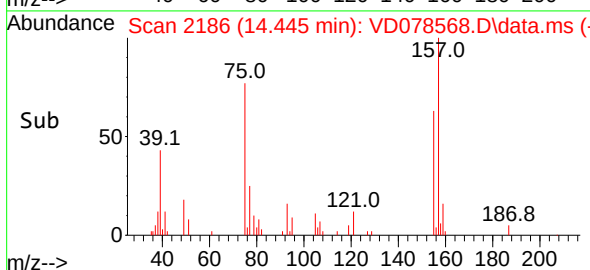
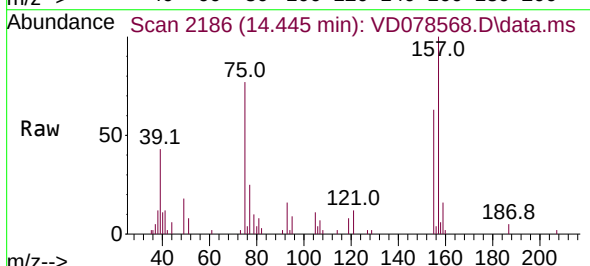
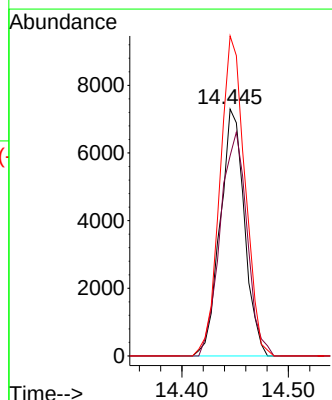
Tgt Ion: 75 Resp: 11523

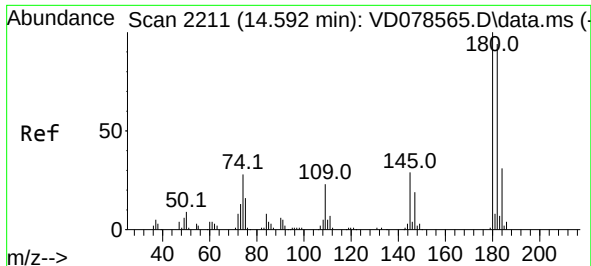
Ion Ratio Lower Upper

75 100

155 81.1 80.2 120.2

157 129.6 109.1 163.7





#69

1,3,5-Trichlorobenzene

Concen: 27.211 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

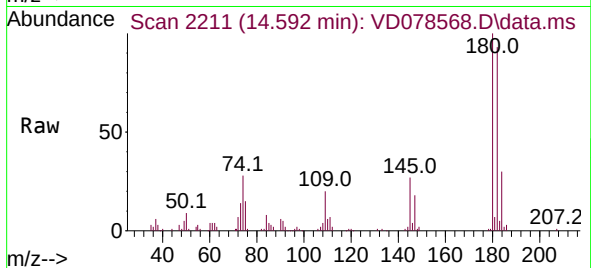
Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 108398

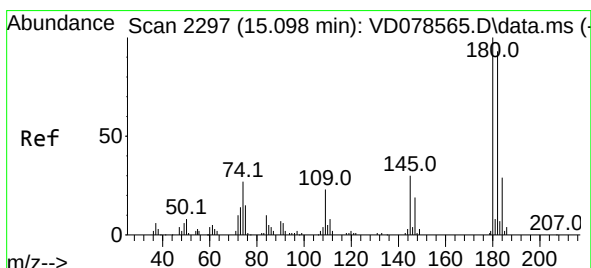
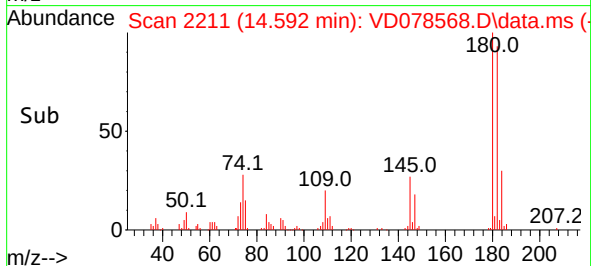
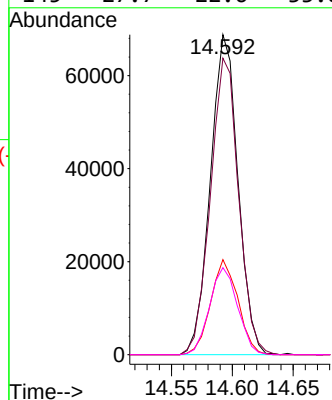
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

184 29.4 24.2 36.4

145 27.7 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 27.325 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078568.D

Acq: 28 Feb 2024 17:07

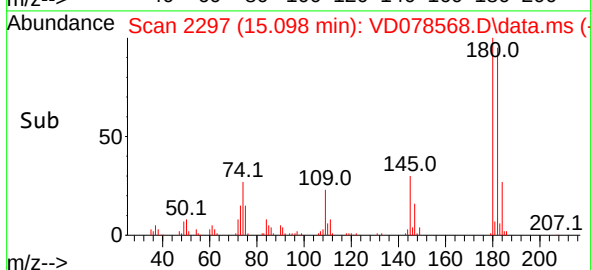
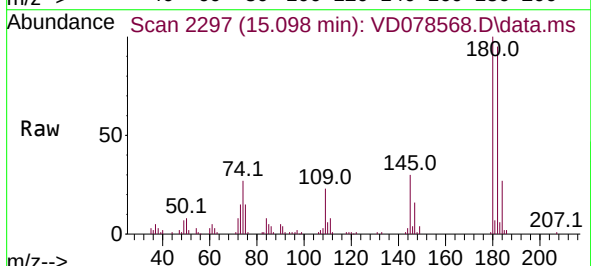
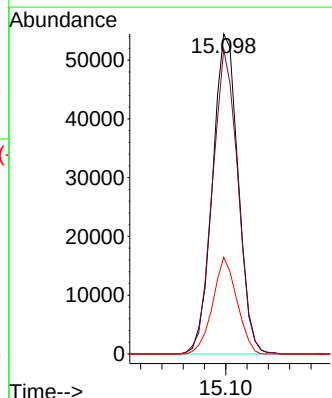
Tgt Ion:180 Resp: 90846

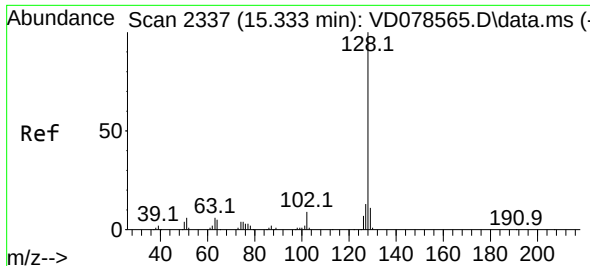
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

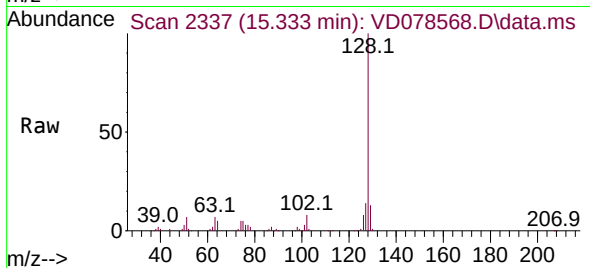
145 28.6 22.9 34.3



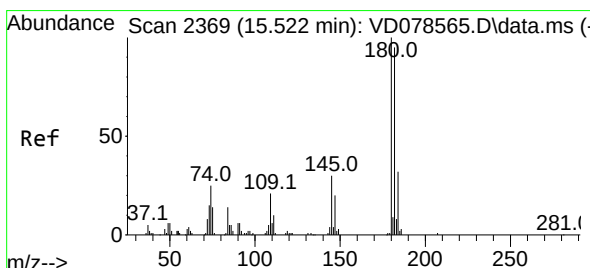
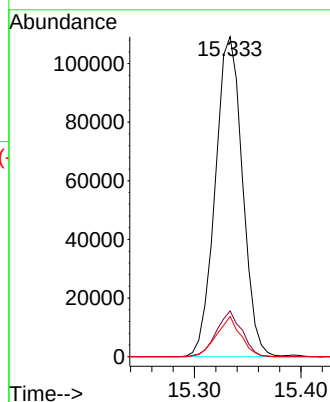
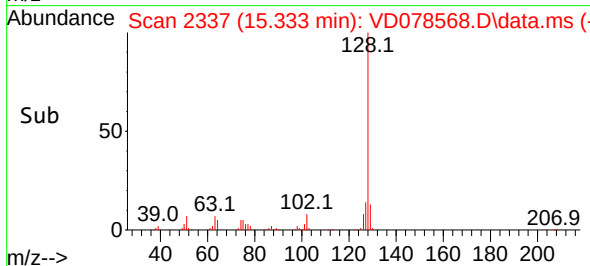


#71
Naphthalene
Concen: 31.804 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 193405
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 29.172 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078568.D
Acq: 28 Feb 2024 17:07

Tgt Ion:180 Resp: 85746
Ion Ratio Lower Upper
180 100
182 94.6 77.6 116.4
145 30.4 24.2 36.2

