

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078299.D
 Acq On : 31 Jan 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 04:27:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	230323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	218502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174173	26.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%	
7) Chloroethane-d5	2.799	69	138617	25.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%	
11) 1,1-Dichloroethene-d2	3.916	65	35545	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.760%	
21) 2-Butanone-d5	6.987	46	49539	51.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.980%	
24) Chloroform-d	7.569	84	166431	25.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.360%	
26) 1,2-Dichloroethane-d4	8.228	65	87753	24.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.040%	
32) Benzene-d6	8.199	84	340903	26.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.720%	
36) 1,2-Dichloropropane-d6	9.210	67	103497	26.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.240%	
41) Toluene-d8	10.269	98	306753	26.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.920%	
43) trans-1,3-Dichloroprop...	10.522	79	48396	27.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.240%	
47) 2-Hexanone-d5	10.875	63	44096	55.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.520%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94799	25.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.760%	
66) 1,2-Dichlorobenzene-d4	13.816	152	97667	26.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	117606	25.897	ug/L	100
3) Chloromethane	2.152	50	184507	27.935	ug/L	99
5) Vinyl chloride	2.281	62	212915	26.073	ug/L	94
6) Bromomethane	2.693	94	97457	26.324	ug/L	97
8) Chloroethane	2.834	64	129082	24.827	ug/L	93
9) Trichlorofluoromethane	3.169	101	149408	25.737	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	87197	24.138	ug/L #	74
12) 1,1-Dichloroethene	3.940	96	86643	25.916	ug/L	98
13) Acetone	4.022	43	71603	56.682	ug/L	99
14) Carbon disulfide	4.269	76	312686	25.375	ug/L	98
15) Methyl Acetate	4.569	43	48245	25.489	ug/L #	79
16) Methylene chloride	4.805	84	103623	22.941	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	93092	25.269	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	224819	26.238	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	166224	25.785	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	104678	25.926	ug/L	99
22) 2-Butanone	7.081	43	83512	54.600	ug/L	100
23) Bromochloromethane	7.428	128	48985	27.467	ug/L	96
25) Chloroform	7.593	83	178801	25.418	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078299.D
 Acq On : 31 Jan 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 04:27:33 2024
 Response via : Initial Calibration

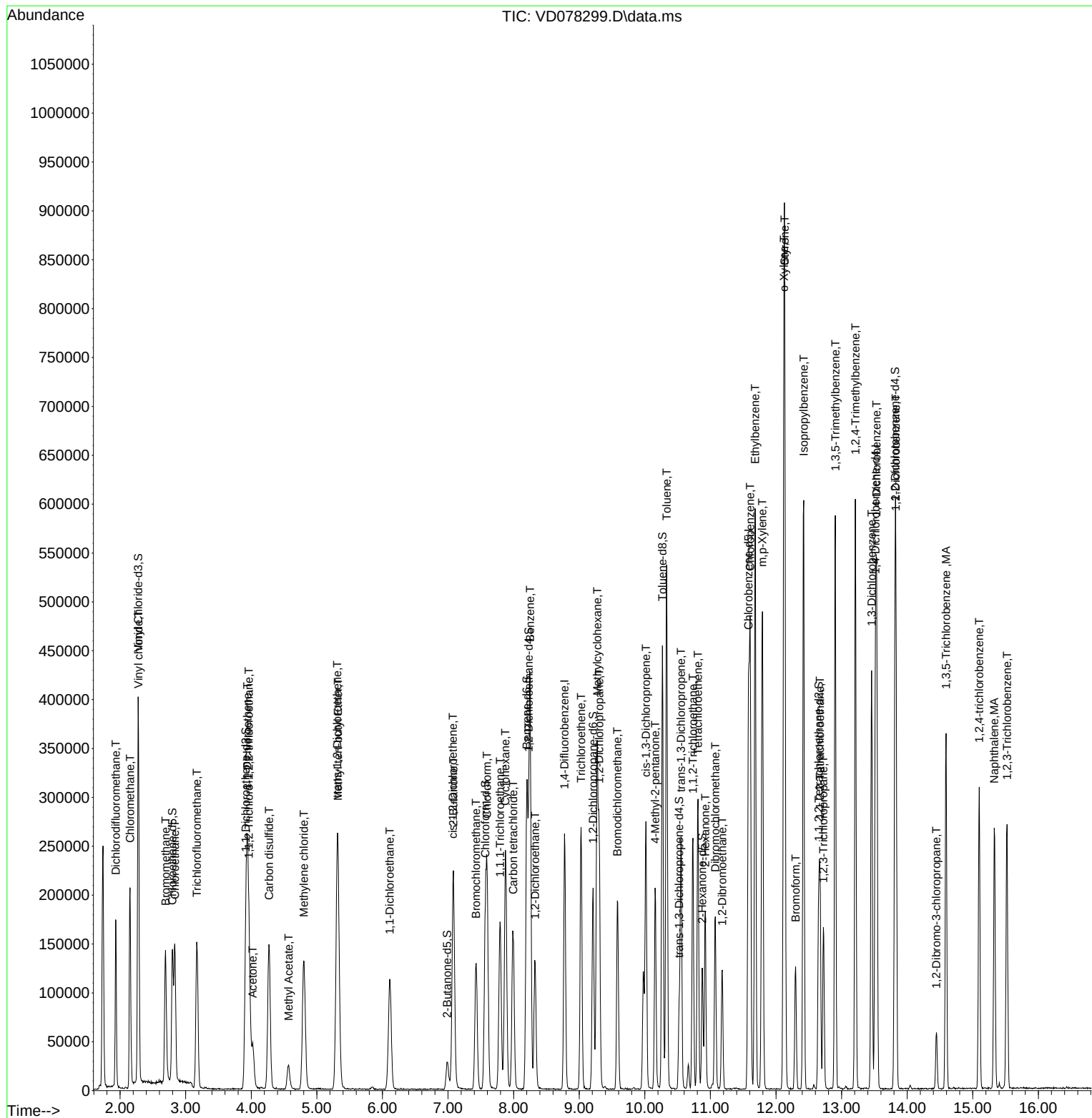
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	116677	25.827	ug/L #	94
29) Cyclohexane	7.875	56	129282	26.174	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	139022	25.956	ug/L	99
31) Carbon tetrachloride	7.993	117	119989	25.430	ug/L	100
33) Benzene	8.252	78	390670	26.533	ug/L	100
34) Trichloroethene	9.028	95	93934	25.260	ug/L	96
35) Methylcyclohexane	9.275	83	150640	25.888	ug/L	96
37) 1,2-Dichloropropane	9.304	63	100327	25.859	ug/L	99
38) Bromodichloromethane	9.581	83	132004	26.077	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	162924	26.978	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	132735	55.087	ug/L	99
42) Toluene	10.334	91	406193	26.516	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	140329	26.559	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	82735	26.753	ug/L	94
46) Tetrachloroethene	10.810	164	63483	24.862	ug/L	94
48) 2-Hexanone	10.922	43	114174	58.091	ug/L	97
49) Dibromochloromethane	11.075	129	89429	25.731	ug/L	95
50) 1,2-Dibromoethane	11.181	107	78033	25.868	ug/L #	98
51) Chlorobenzene	11.604	112	250299	25.235	ug/L	95
52) Ethylbenzene	11.681	91	424012	25.767	ug/L	99
53) m,p-Xylene	11.793	106	159527	25.225	ug/L	98
54) o-Xylene	12.122	106	156288	25.627	ug/L	99
55) Styrene	12.134	104	294259	26.748	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	101061	25.505	ug/L	98
59) Bromoform	12.298	173	54324	26.577	ug/L	99
60) Isopropylbenzene	12.422	105	393866	25.587	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	68193	26.243	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	307060	25.502	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	313956	26.325	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	176009	25.623	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	181075	25.179	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	165424	25.459	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	15270	26.522	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	103800	24.527	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	92465	25.278	ug/L	99
71) Naphthalene	15.328	128	229086	26.750	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	86056	25.201	ug/L	98

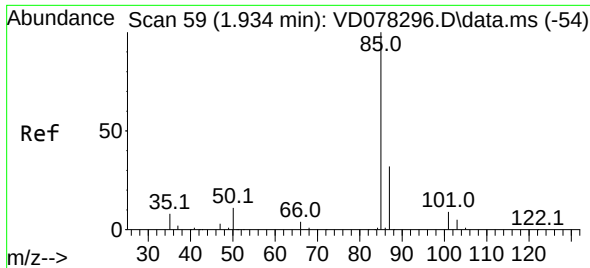
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078299.D
Data File : VD078299.D
Acq On : 31 Jan 2024 19:02
Operator : RP/MD
Sample : VSTDICV025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

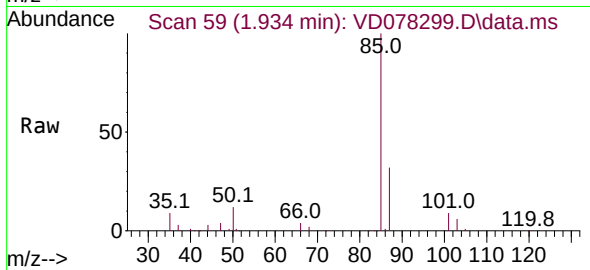
Quant Time: Feb 01 04:34:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 01 04:27:33 2024
Response via : Initial Calibration



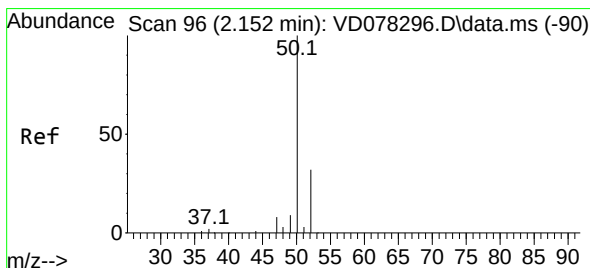
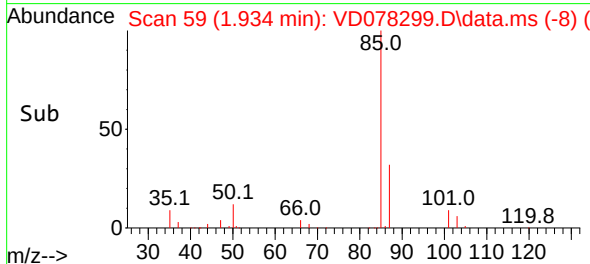
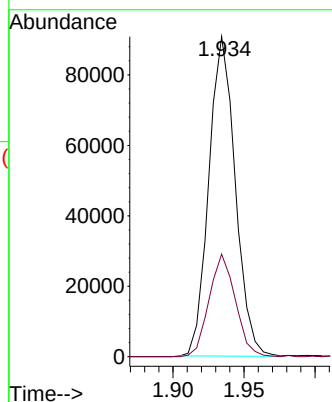


#2
 Dichlorodifluoromethane
 Concen: 25.897 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

Instrument :
 MSVOA_D
 ClientSampleId :

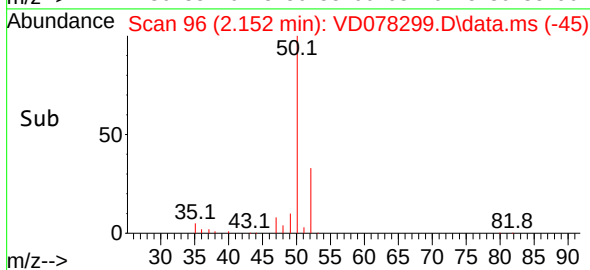
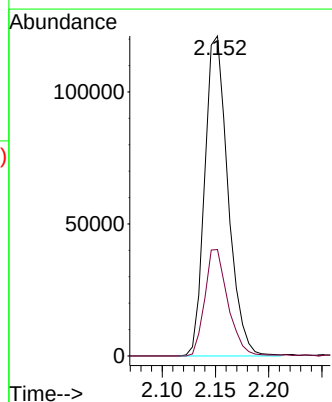
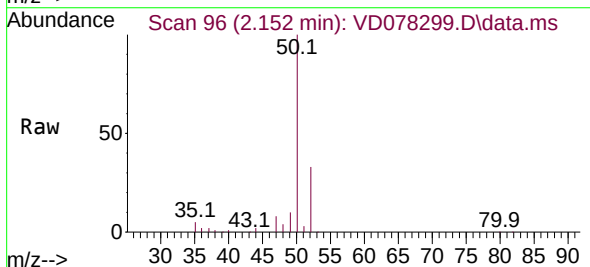


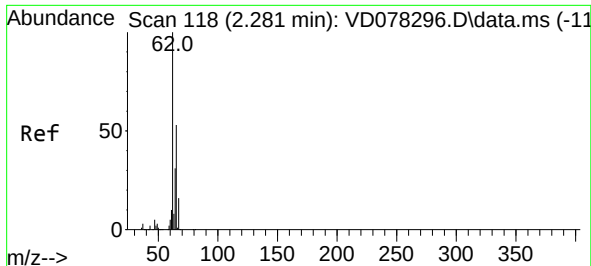
Tgt Ion: 85 Resp: 117606
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.3 37.9



#3
 Chloromethane
 Concen: 27.935 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

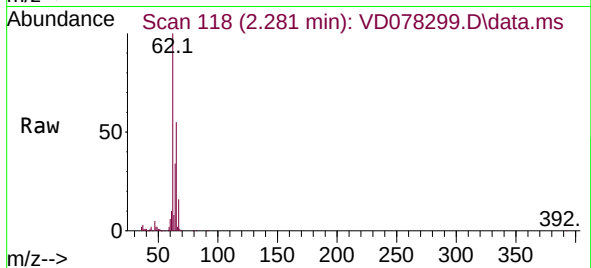
Tgt Ion: 50 Resp: 184507
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.3



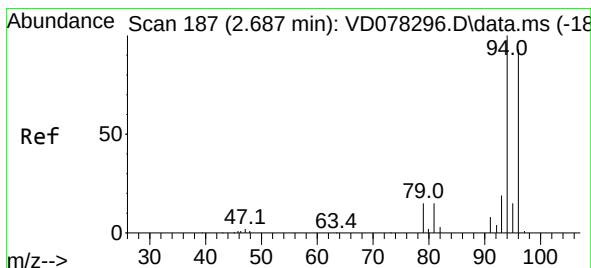
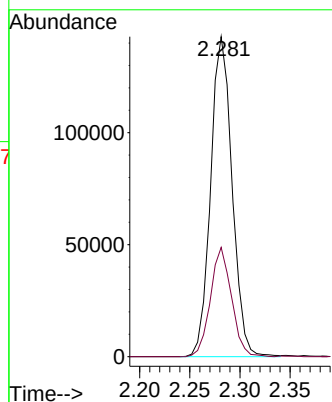
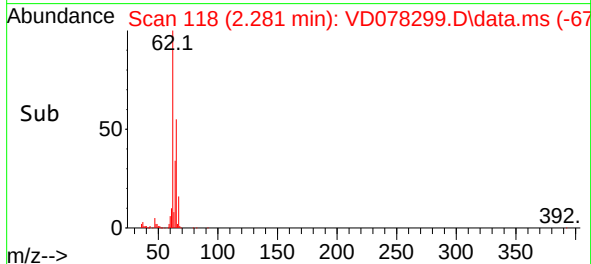


#5
 Vinyl chloride
 Concen: 26.073 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

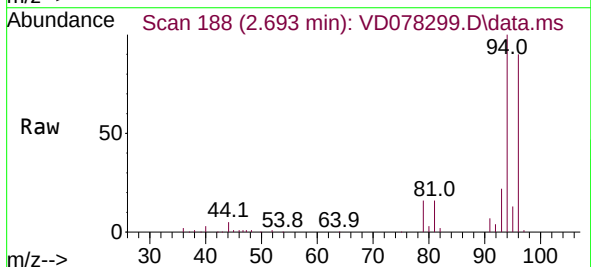
Instrument :
 MSVOA_D
 ClientSampleId :



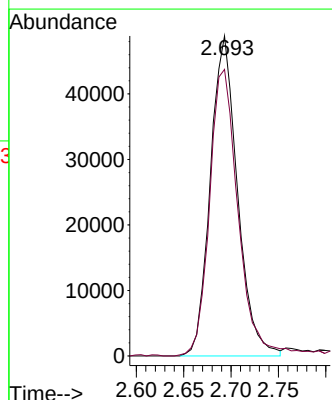
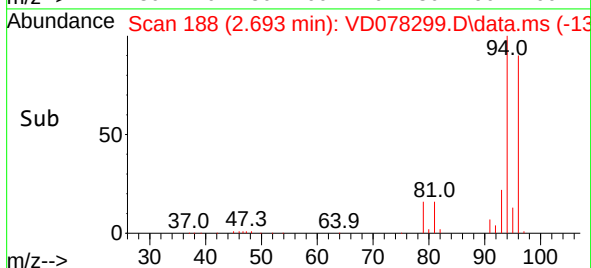
Tgt Ion: 62 Resp: 212915
 Ion Ratio Lower Upper
 62 100
 64 34.2 21.7 40.3

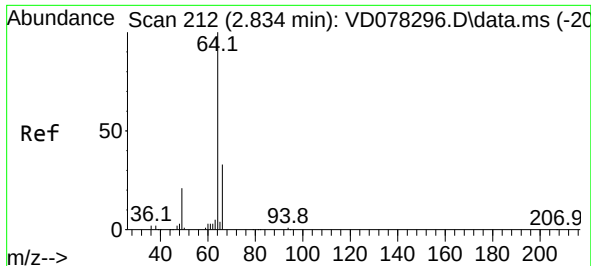


#6
 Bromomethane
 Concen: 26.324 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02



Tgt Ion: 94 Resp: 97457
 Ion Ratio Lower Upper
 94 100
 96 89.6 64.8 120.4

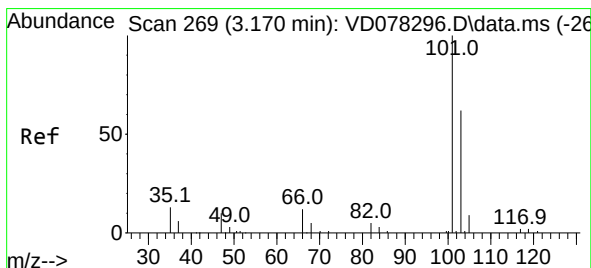
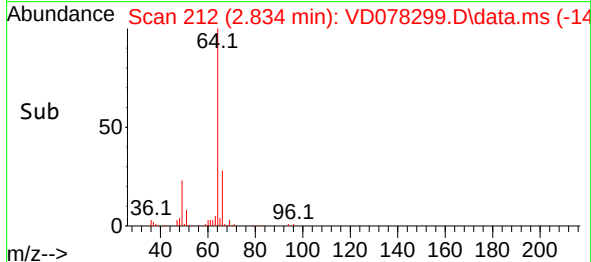
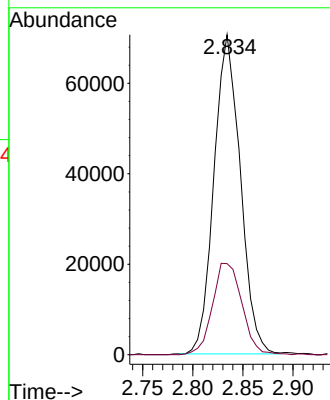
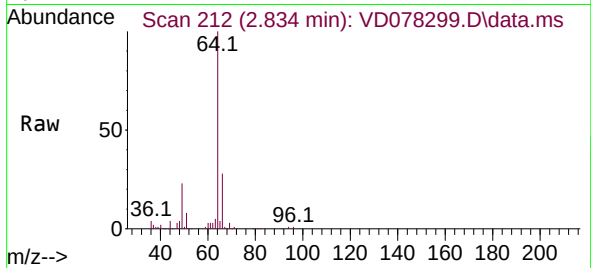




#8
Chloroethane
Concen: 24.827 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

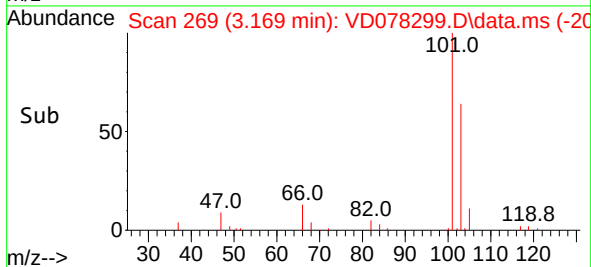
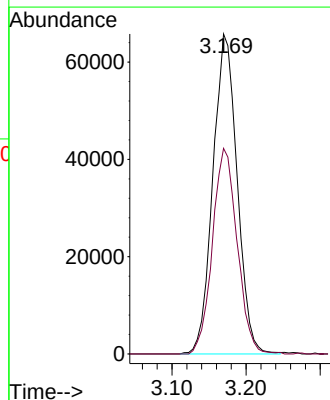
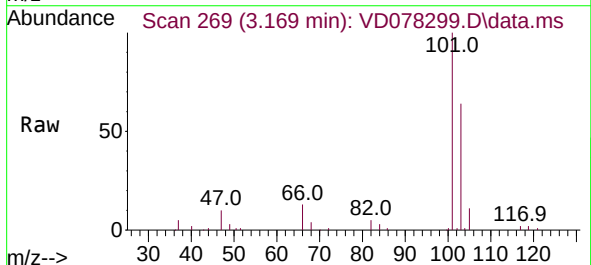
Instrument :
MSVOA_D
ClientSampleId :

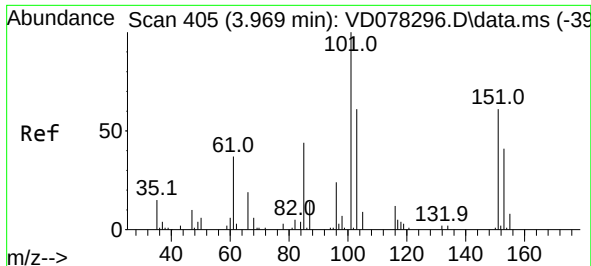
Tgt Ion: 64 Resp: 129082
Ion Ratio Lower Upper
64 100
66 28.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 25.737 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion:101 Resp: 149408
Ion Ratio Lower Upper
101 100
103 65.4 51.1 76.7

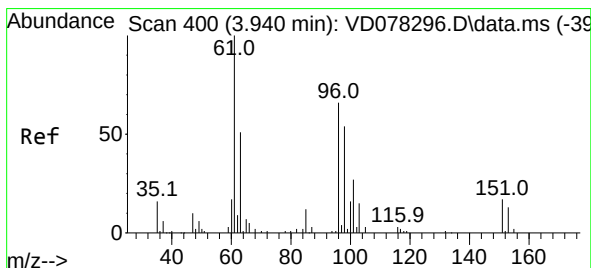
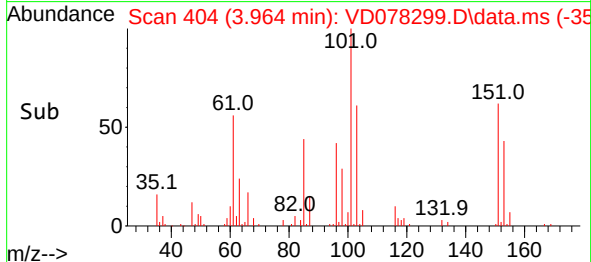
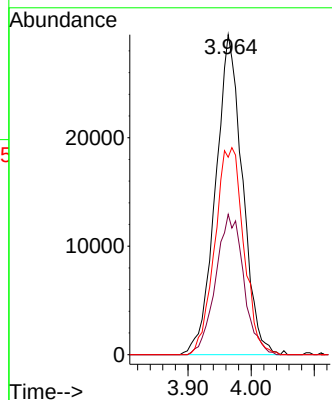
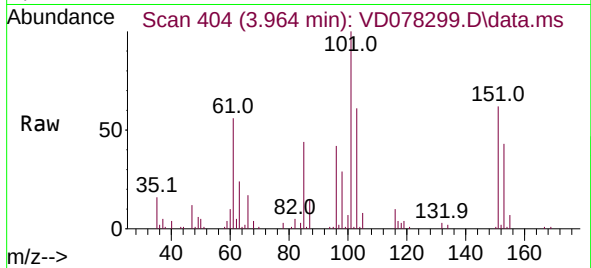




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.138 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

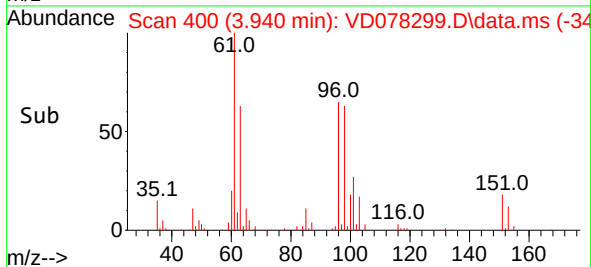
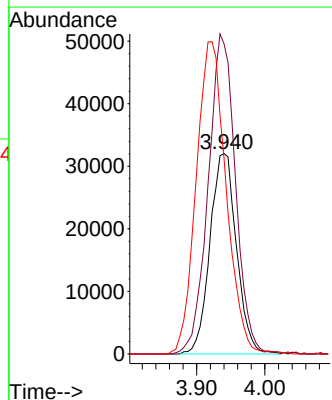
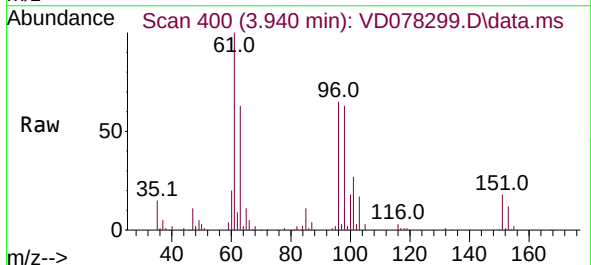
Instrument :
 MSVOA_D
 ClientSampleId :

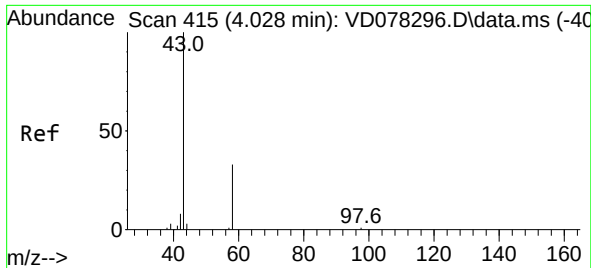
Tgt Ion:101 Resp: 87197
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.6 51.8
 151 36.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 25.916 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

Tgt Ion: 96 Resp: 86643
 Ion Ratio Lower Upper
 96 100
 61 154.7 108.8 202.2
 63 97.7 65.2 121.0

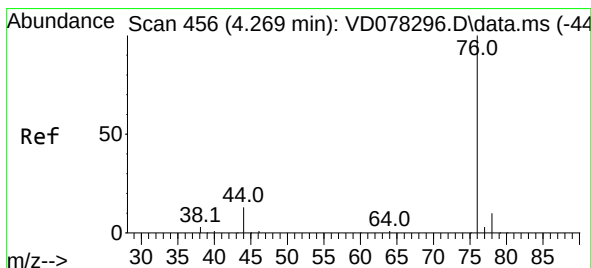
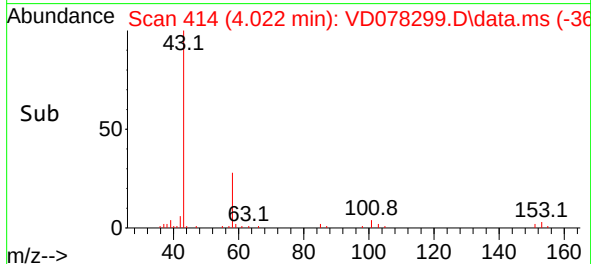
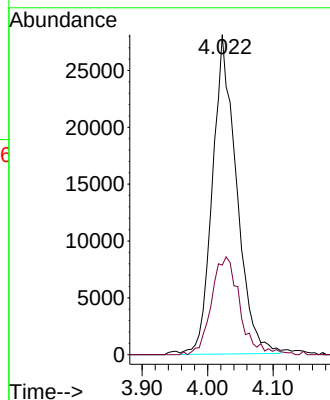
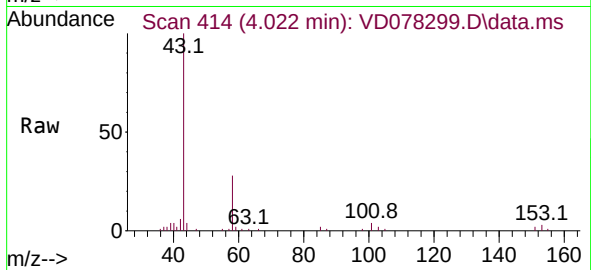




#13
Acetone
Concen: 56.682 ug/L
RT: 4.022 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

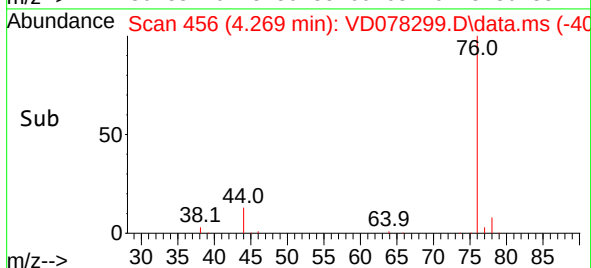
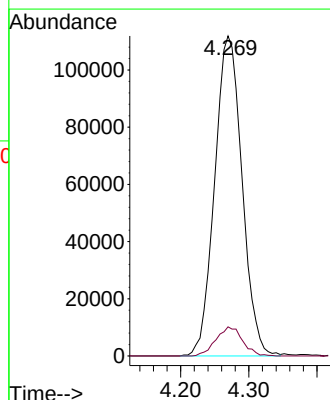
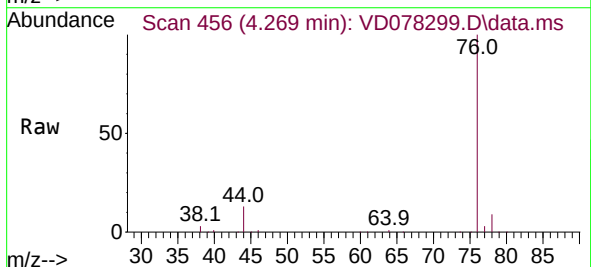
Instrument :
MSVOA_D
ClientSampleId :

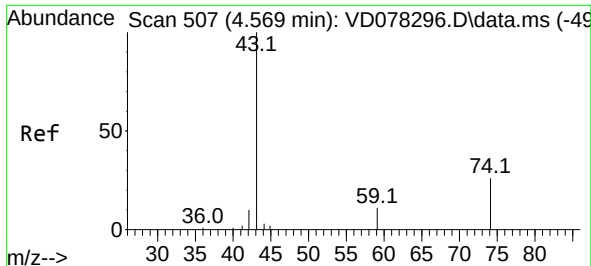
Tgt Ion: 43 Resp: 71603
Ion Ratio Lower Upper
43 100
58 34.3 0.0 67.2



#14
Carbon disulfide
Concen: 25.375 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion: 76 Resp: 312686
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

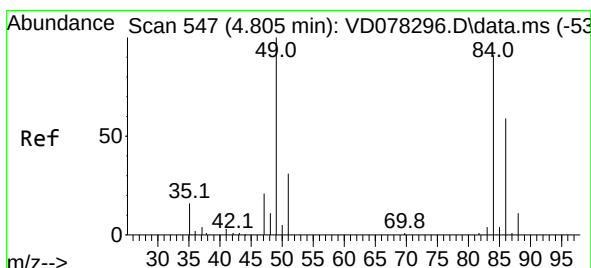
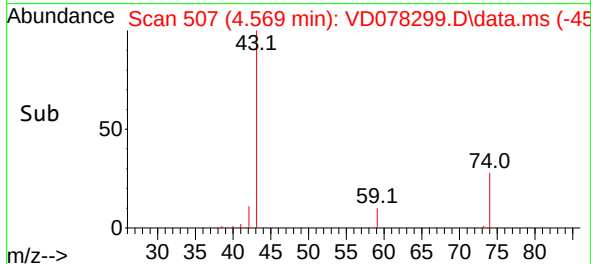
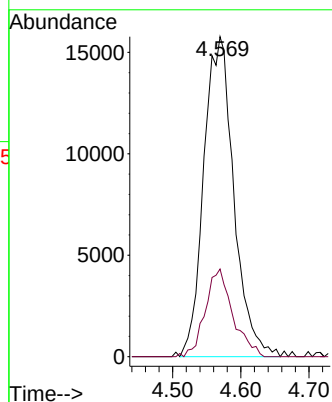
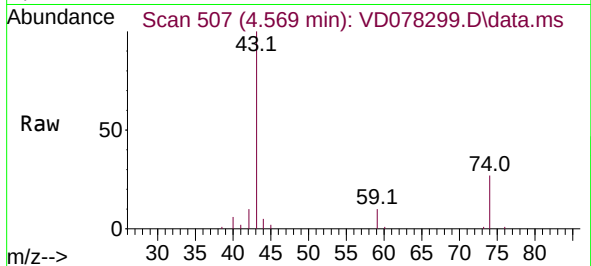




#15
Methyl Acetate
Concen: 25.489 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

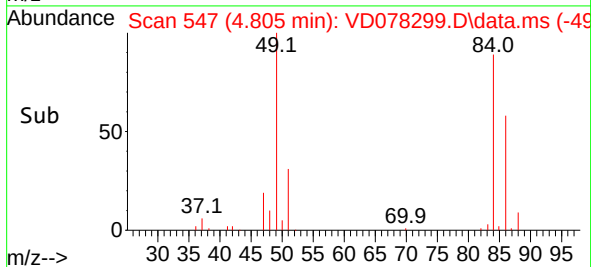
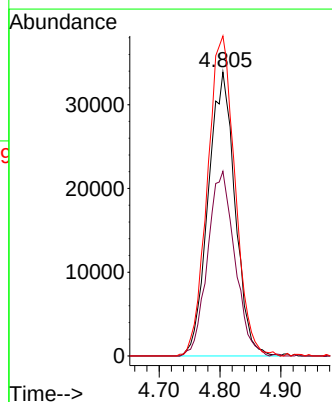
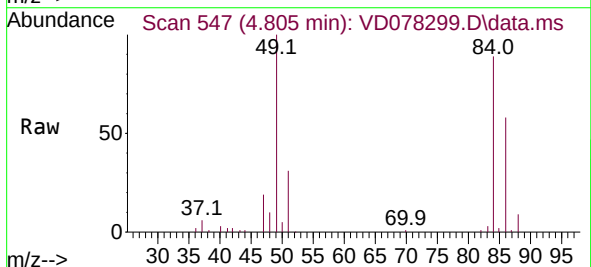
Instrument :
MSVOA_D
ClientSampleId :

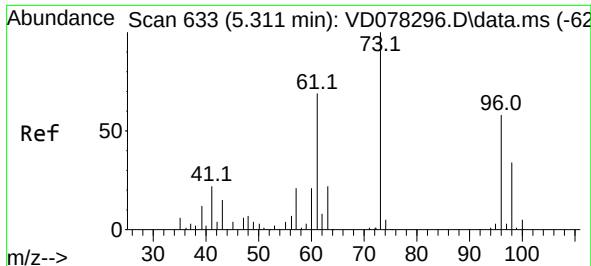
Tgt Ion: 43 Resp: 48245
Ion Ratio Lower Upper
43 100
74 25.0 12.7 19.1#



#16
Methylene chloride
Concen: 22.941 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion: 84 Resp: 103623
Ion Ratio Lower Upper
84 100
86 65.0 45.4 84.2
49 112.7 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 25.269 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

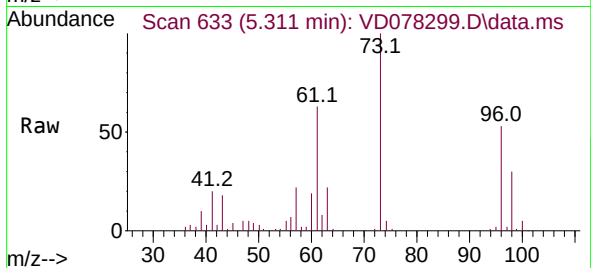
Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



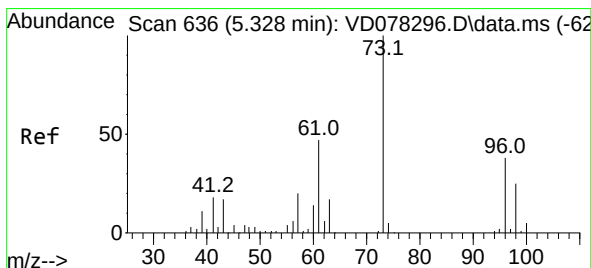
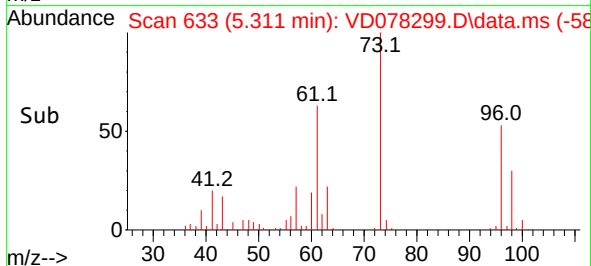
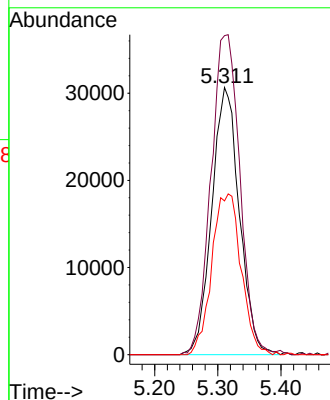
Tgt Ion: 96 Resp: 93092

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

96	100		
----	-----	--	--

61	119.4	82.7	153.7
----	-------	------	-------

98	57.5	40.7	75.7
----	------	------	------



#18

Methyl tert-butyl Ether

Concen: 26.238 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

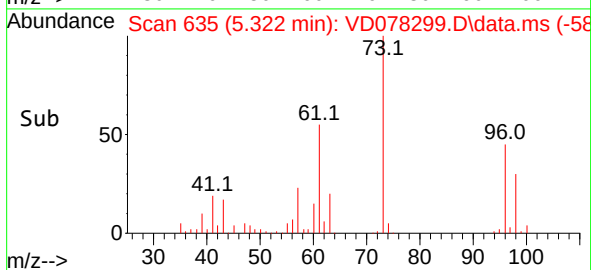
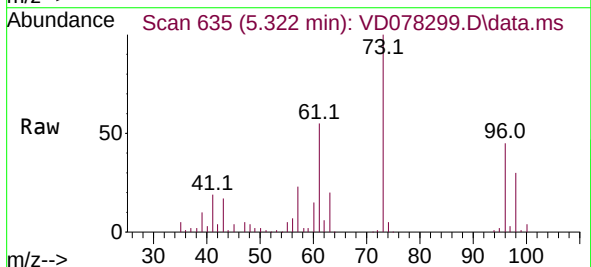
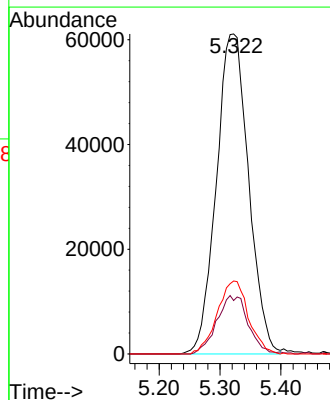
Tgt Ion: 73 Resp: 224819

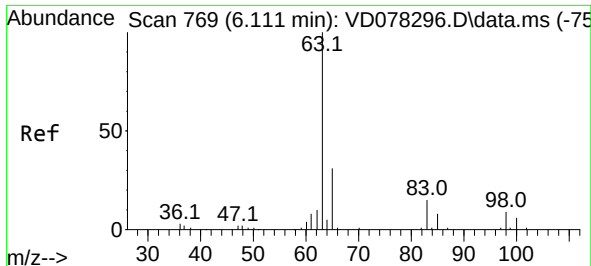
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

73	100		
----	-----	--	--

43	10.1	13.3	19.9#
----	------	------	-------

57	22.0	17.2	25.8
----	------	------	------





#19

1,1-Dichloroethane

Concen: 25.785 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

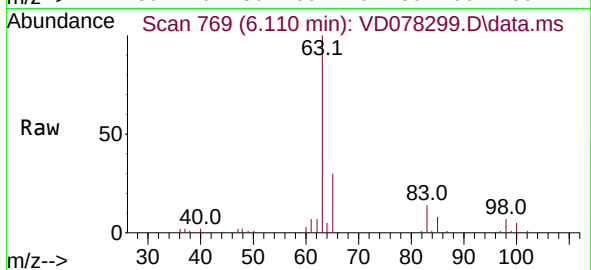
Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



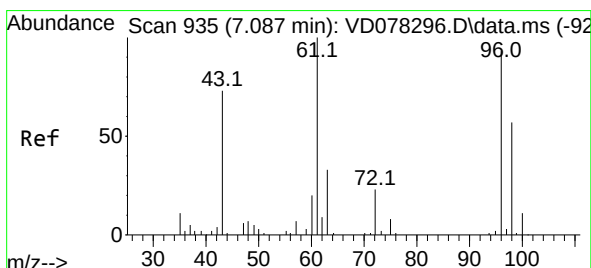
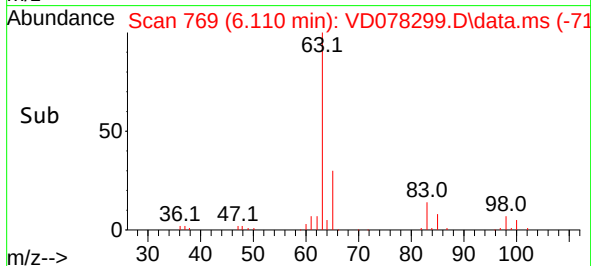
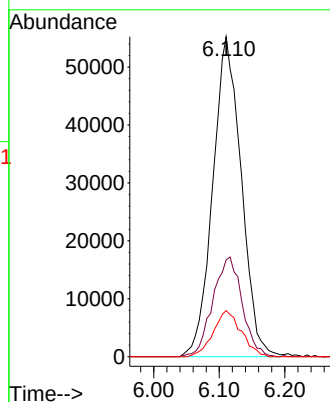
Tgt Ion: 63 Resp: 166224

Ion Ratio Lower Upper

63 100

65 30.2 21.8 40.4

83 14.4 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.926 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.012 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

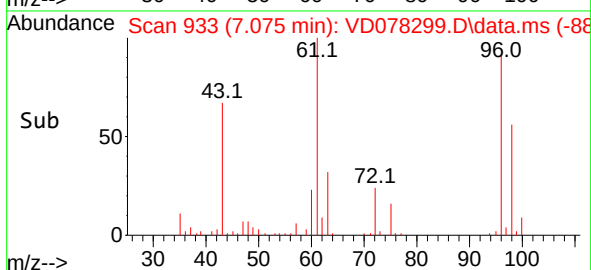
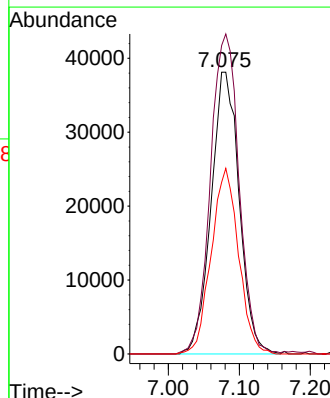
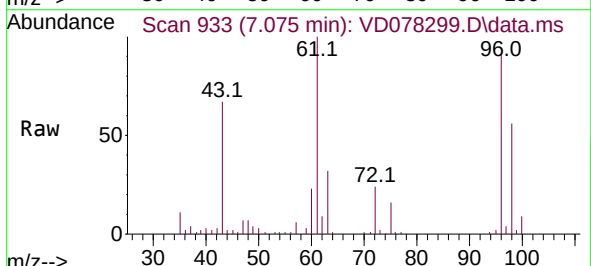
Tgt Ion: 96 Resp: 104678

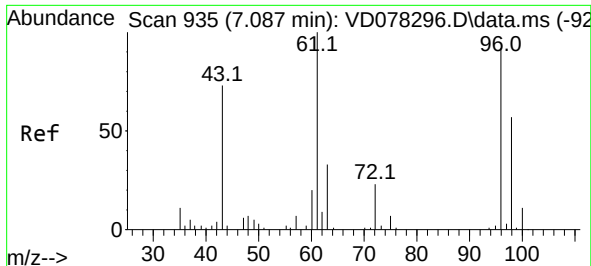
Ion Ratio Lower Upper

96 100

61 109.5 75.6 140.4

98 60.9 43.1 80.1

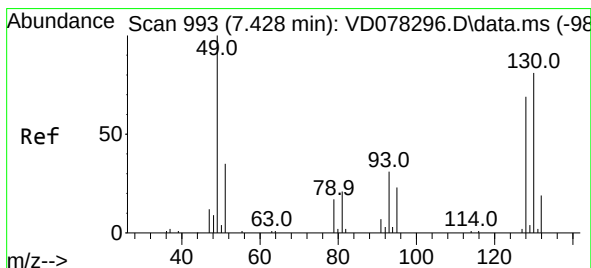
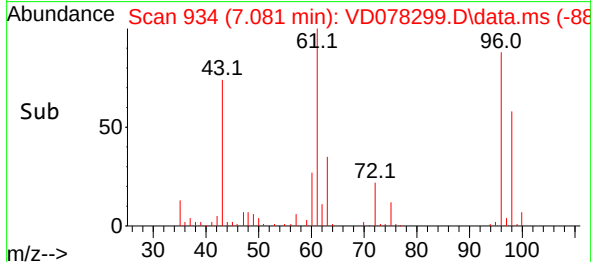
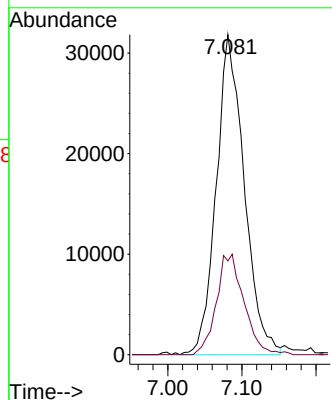
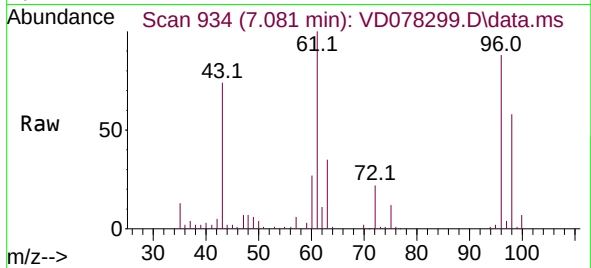




#22
2-Butanone
Concen: 54.600 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

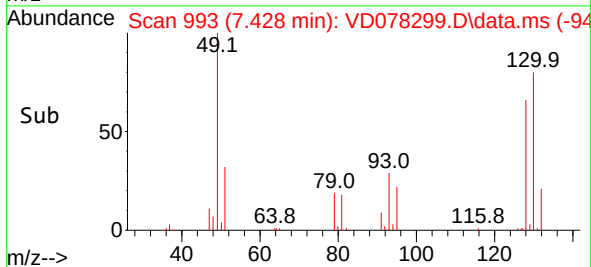
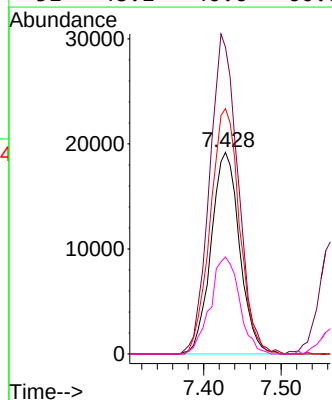
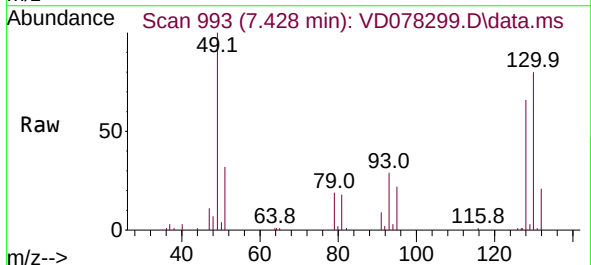
Instrument :
MSVOA_D
ClientSampleId :

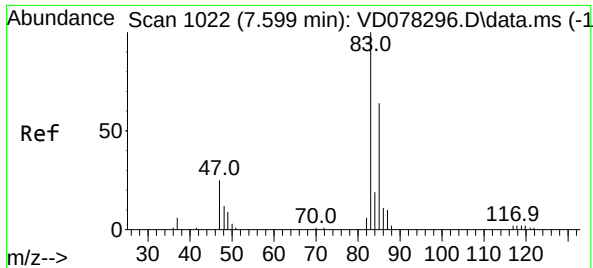
Tgt Ion: 43 Resp: 83512
Ion Ratio Lower Upper
43 100
72 30.8 15.4 46.2



#23
Bromochloromethane
Concen: 27.467 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion:128 Resp: 48985
Ion Ratio Lower Upper
128 100
49 152.1 102.7 190.7
130 121.6 82.6 153.4
51 48.1 40.6 60.8

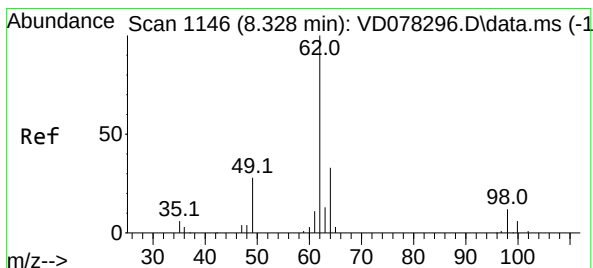
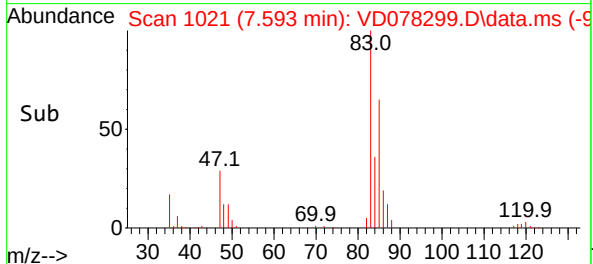
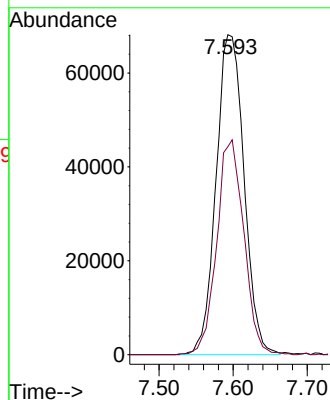
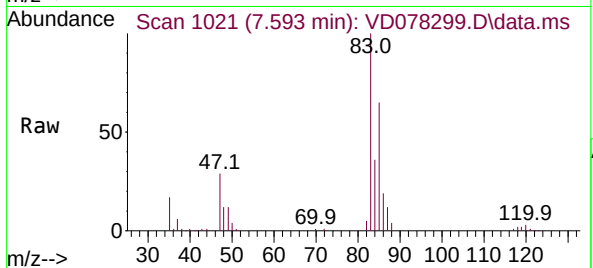




#25
Chloroform
Concen: 25.418 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

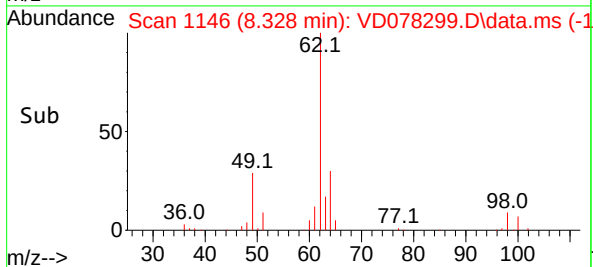
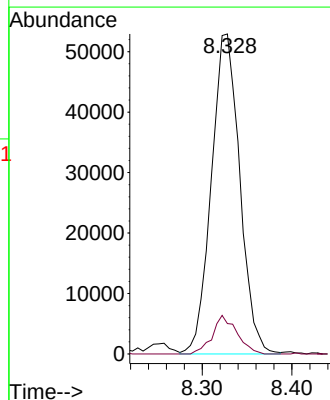
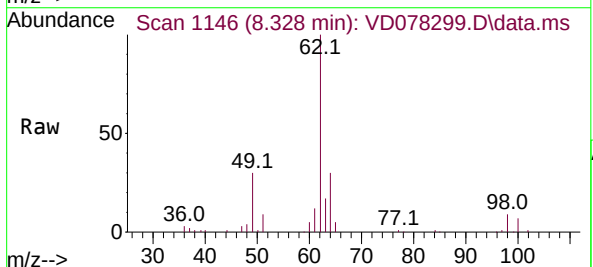
Instrument :
MSVOA_D
ClientSampleId :

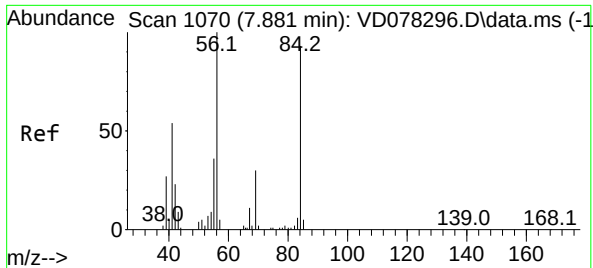
Tgt Ion: 83 Resp: 178801
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 25.827 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion: 62 Resp: 116677
Ion Ratio Lower Upper
62 100
98 9.5 9.5 14.3#





#29

Cyclohexane

Concen: 26.174 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

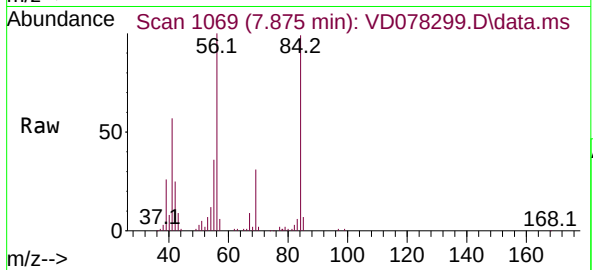
Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



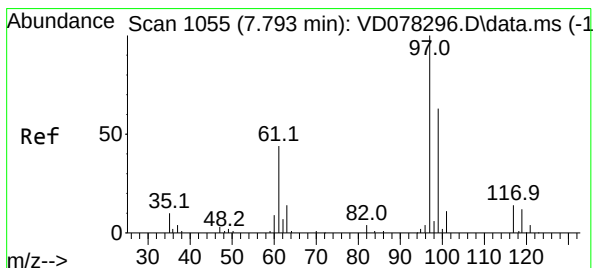
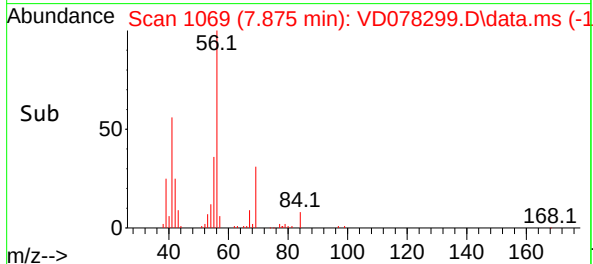
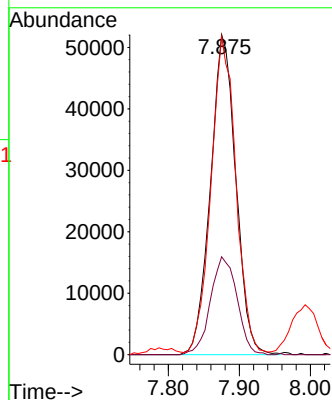
Tgt Ion: 56 Resp: 129282

Ion Ratio Lower Upper

56 100

69 31.9 23.3 34.9

84 97.9 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 25.956 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

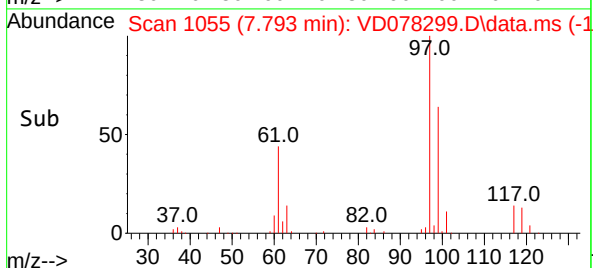
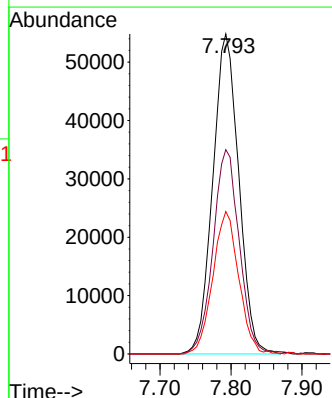
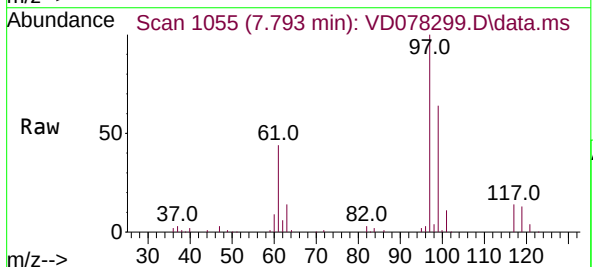
Tgt Ion: 97 Resp: 139022

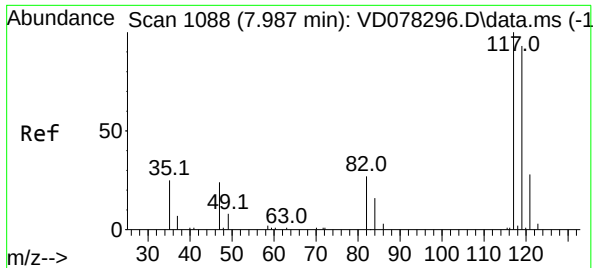
Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

61 44.2 34.4 51.6

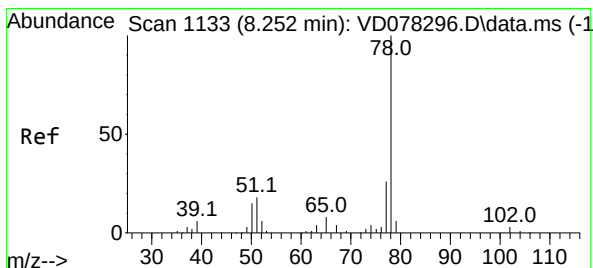
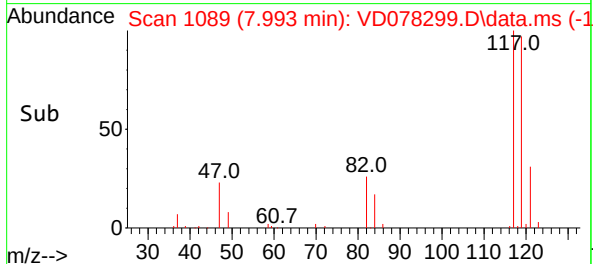
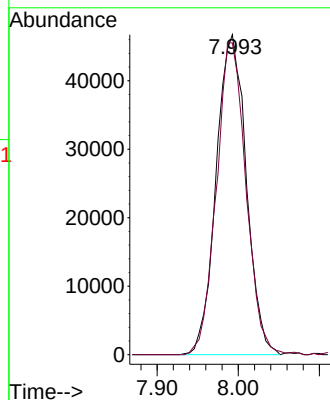
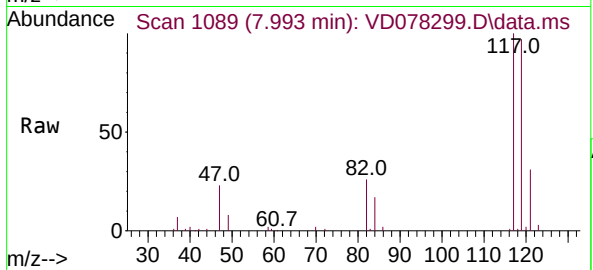




#31
Carbon tetrachloride
Concen: 25.430 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

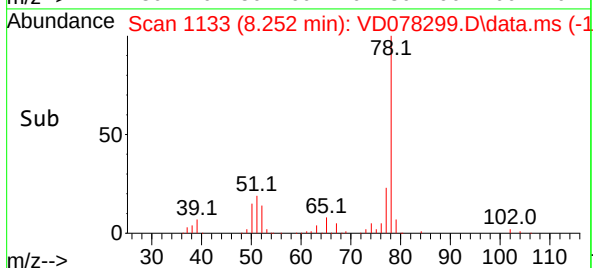
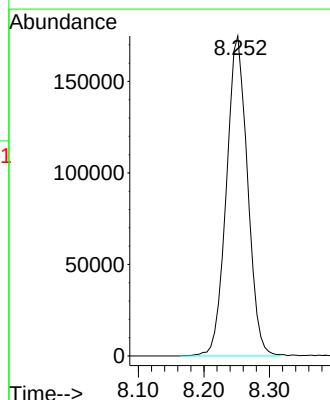
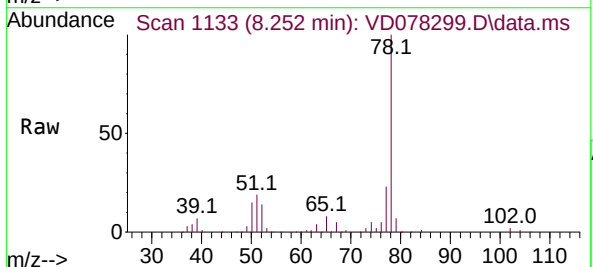
Instrument :
MSVOA_D
ClientSampleId :

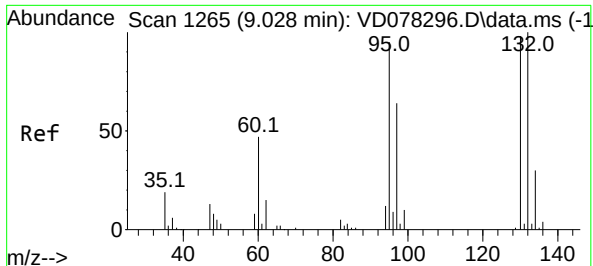
Tgt Ion:117 Resp: 119989
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.4



#33
Benzene
Concen: 26.533 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion: 78 Resp: 390670





#34

Trichloroethene

Concen: 25.260 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

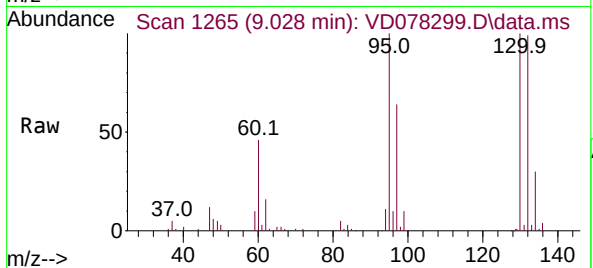
Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 93934

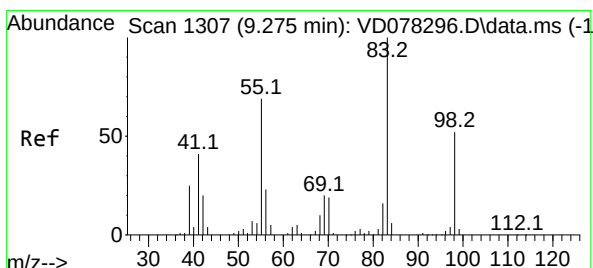
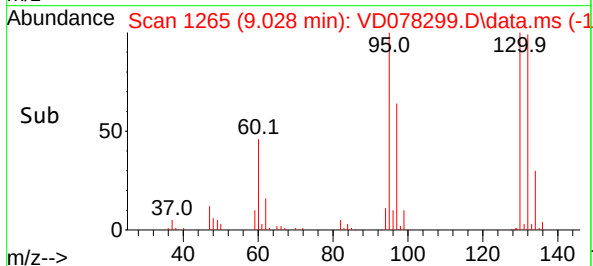
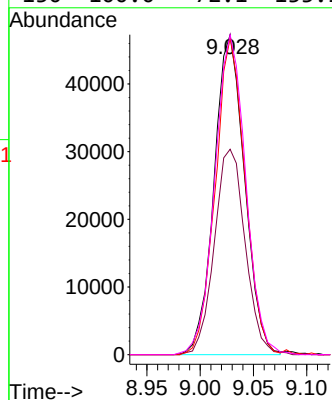
Ion Ratio Lower Upper

95 100

97 64.2 46.9 87.1

132 98.9 73.7 136.9

130 100.0 72.1 133.9



#35

Methylcyclohexane

Concen: 25.888 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

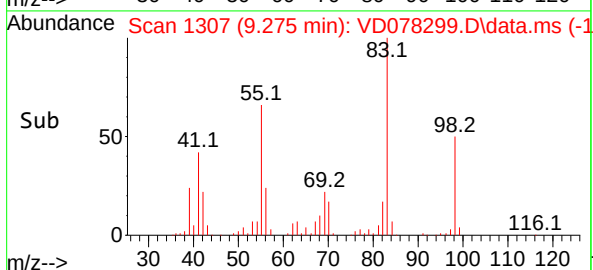
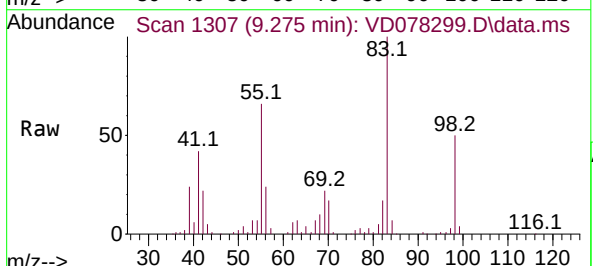
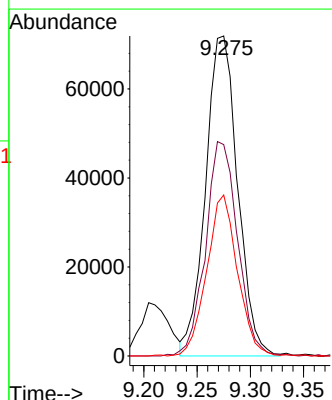
Tgt Ion: 83 Resp: 150640

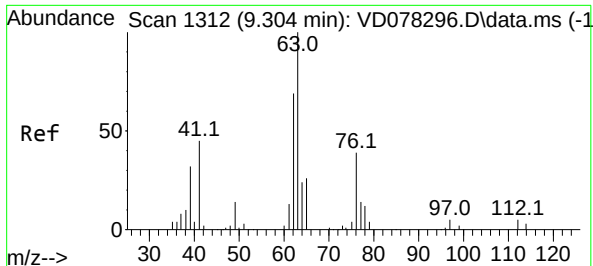
Ion Ratio Lower Upper

83 100

55 66.9 56.2 84.4

98 48.2 41.2 61.8





#37

1,2-Dichloropropane

Concen: 25.859 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

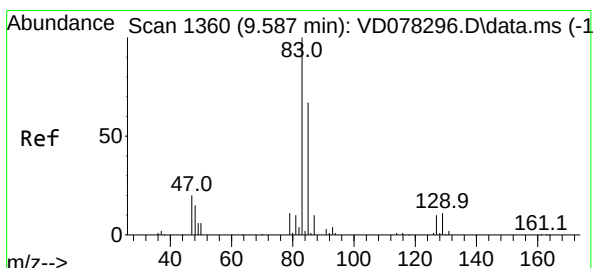
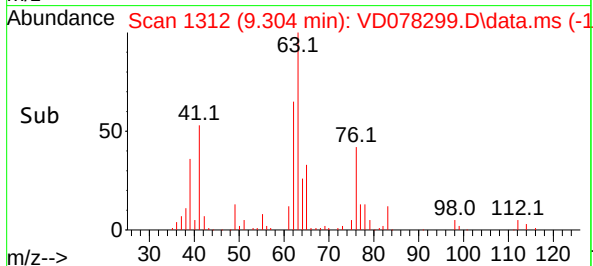
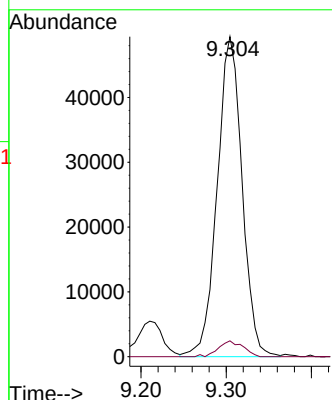
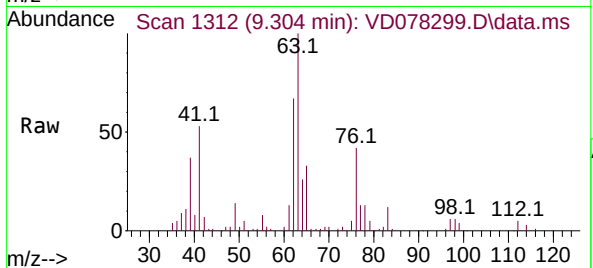
ClientSampleId :

Tgt Ion: 63 Resp: 100327

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 26.077 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

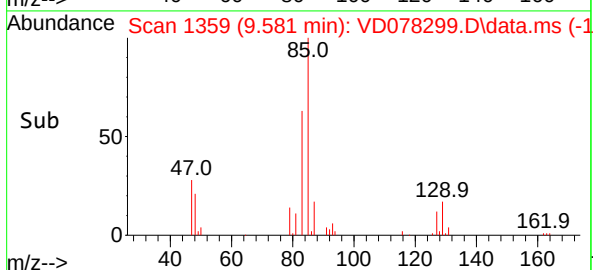
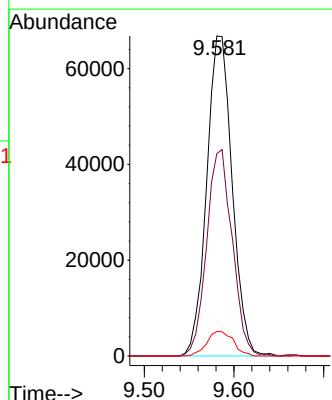
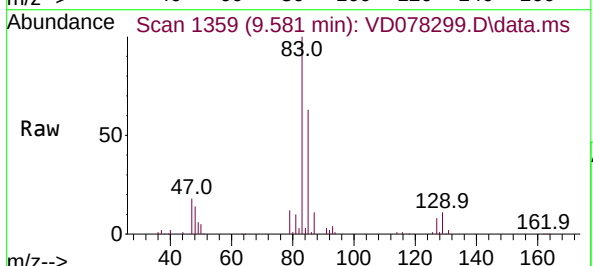
Tgt Ion: 83 Resp: 132004

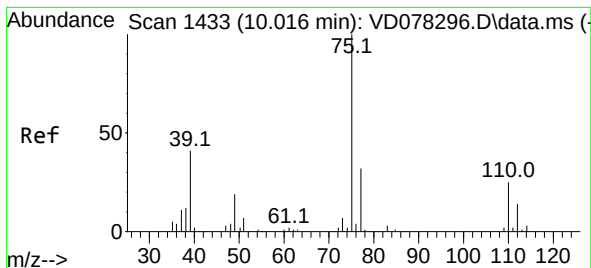
Ion Ratio Lower Upper

83 100

85 63.3 46.6 86.6

127 7.6 8.1 12.1#

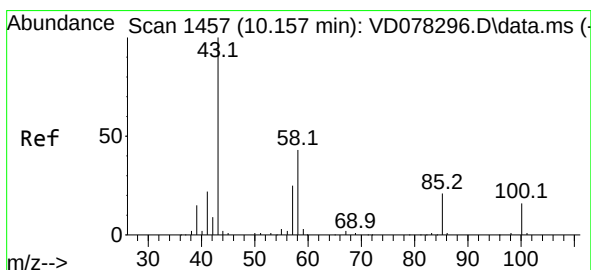
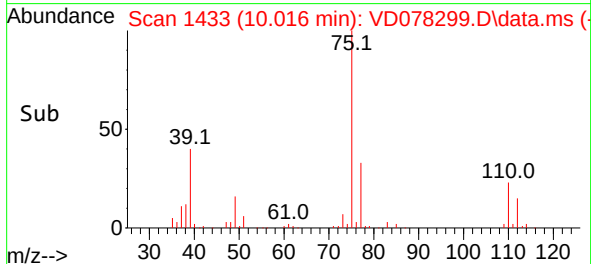
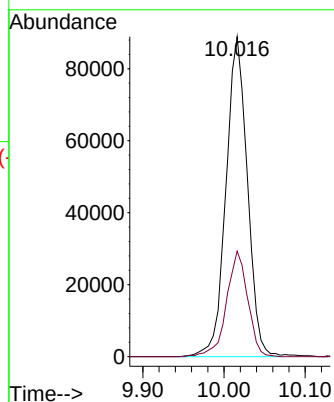
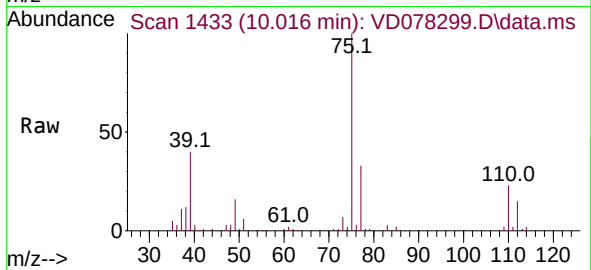




#39
 cis-1,3-Dichloropropene
 Concen: 26.978 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

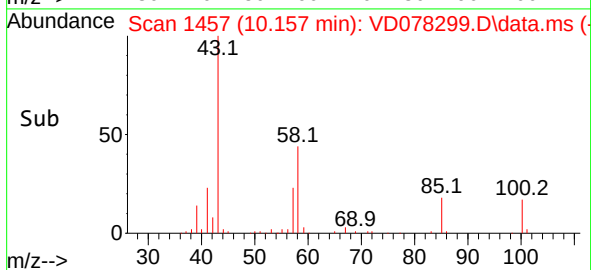
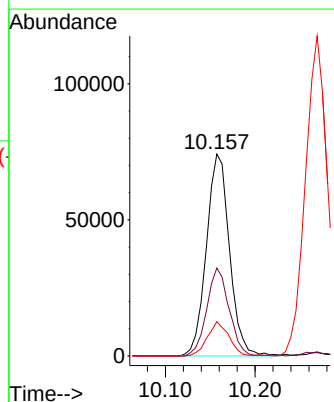
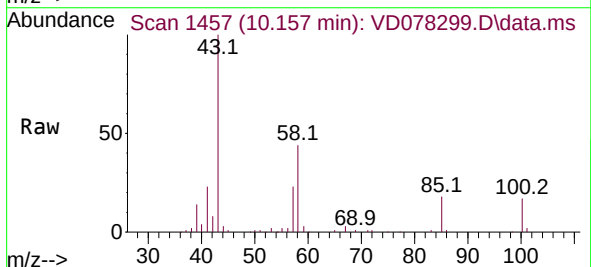
Instrument :
 MSVOA_D
 ClientSampleId :

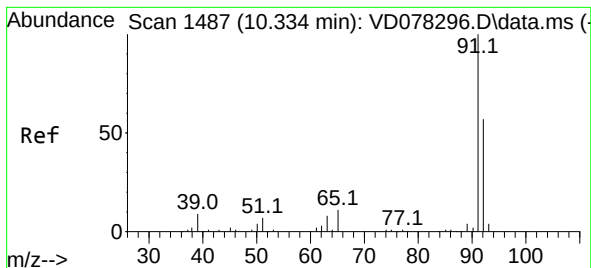
Tgt Ion: 75 Resp: 162924
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 55.087 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

Tgt Ion: 43 Resp: 132735
 Ion Ratio Lower Upper
 43 100
 58 42.0 34.0 51.0
 100 15.8 13.2 19.8





#42

Toluene

Concen: 26.516 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

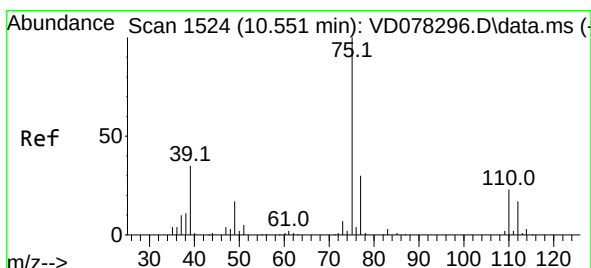
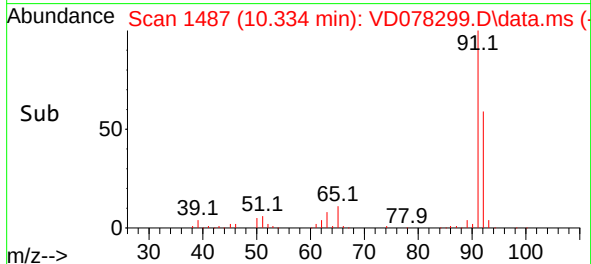
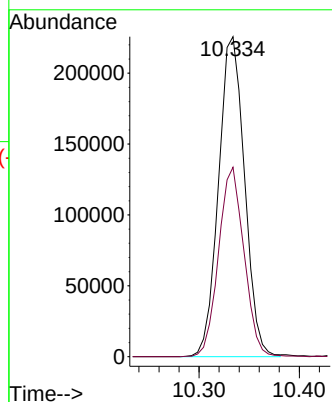
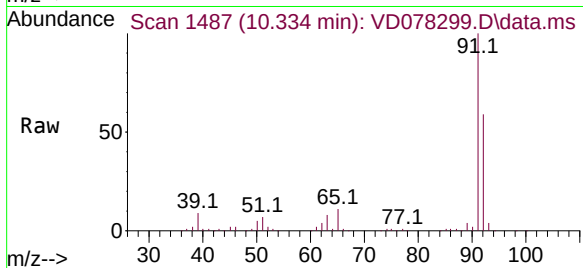
ClientSampleId :

Tgt Ion: 91 Resp: 406193

Ion Ratio Lower Upper

91 100

92 59.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.559 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078299.D

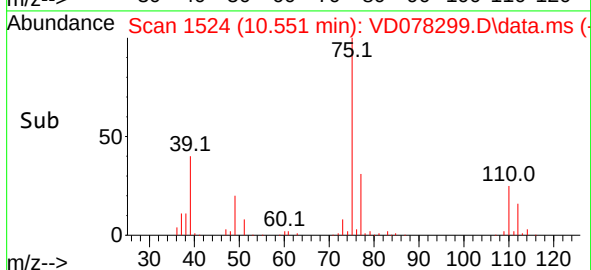
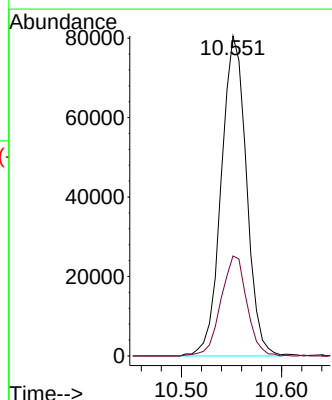
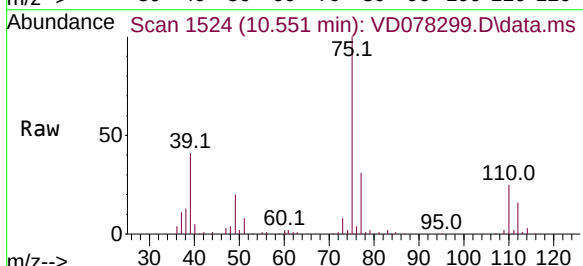
Acq: 31 Jan 2024 19:02

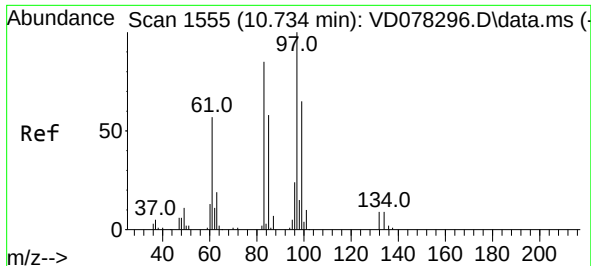
Tgt Ion: 75 Resp: 140329

Ion Ratio Lower Upper

75 100

77 31.3 20.7 38.5

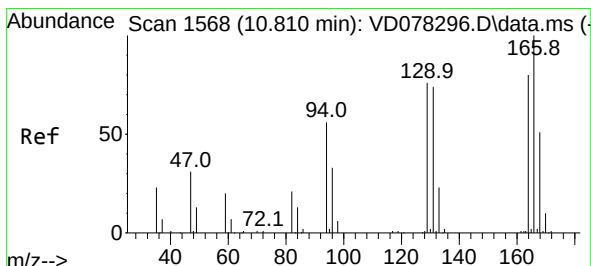
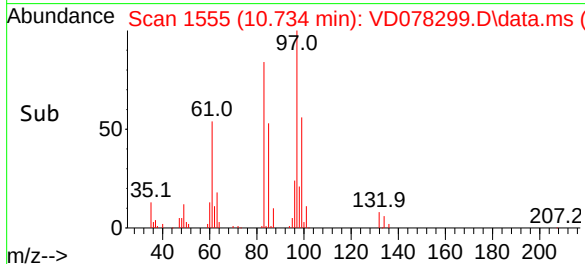
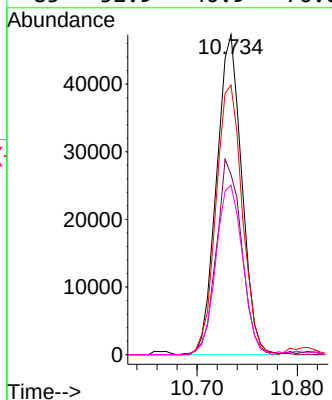
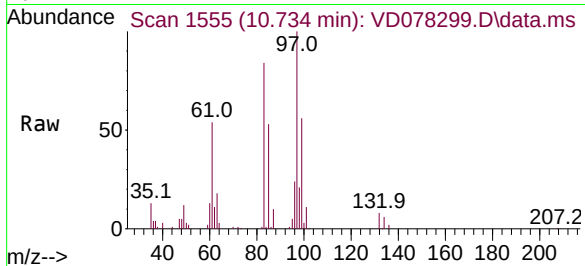




#45
1,1,2-Trichloroethane
Concen: 26.753 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

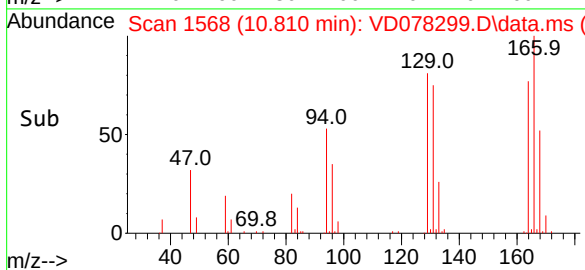
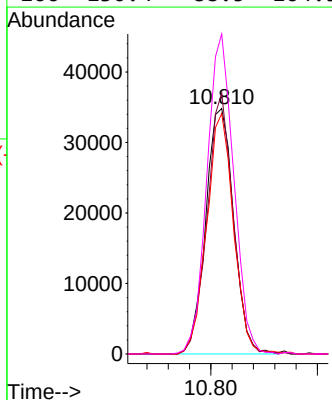
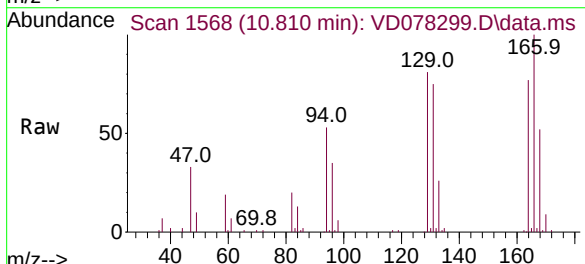
Instrument :
MSVOA_D
ClientSampleId :

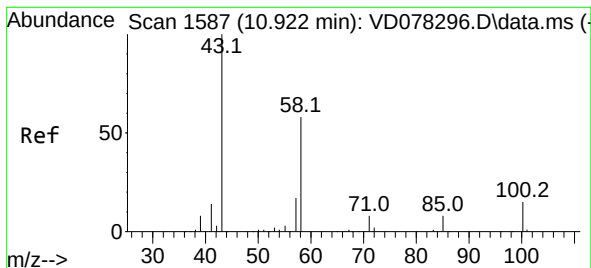
Tgt Ion: 97	Resp: 82735
Ion Ratio	Lower Upper
97 100	
99 56.3	45.4 84.4
83 84.2	59.5 110.5
85 52.9	40.9 76.0



#46
Tetrachloroethene
Concen: 24.862 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt	Ion:164	Resp:	63483
Ion	Ratio	Lower	Upper
164	100		
129	106.3	66.7	123.9
131	98.0	65.2	121.0
166	130.4	88.5	164.3





#48

2-Hexanone

Concen: 58.091 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

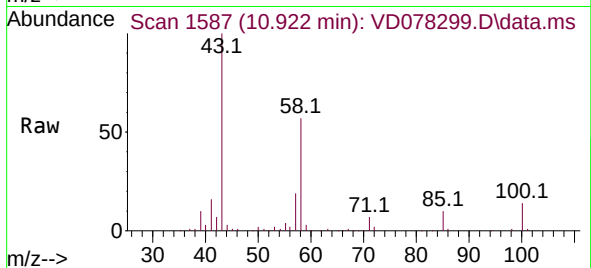
Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 114174

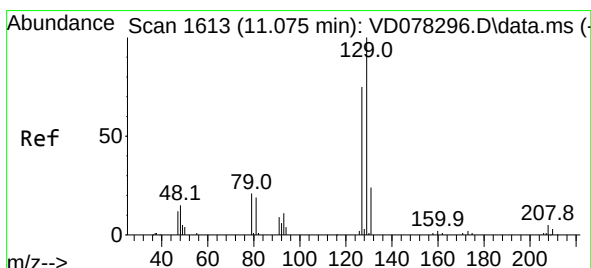
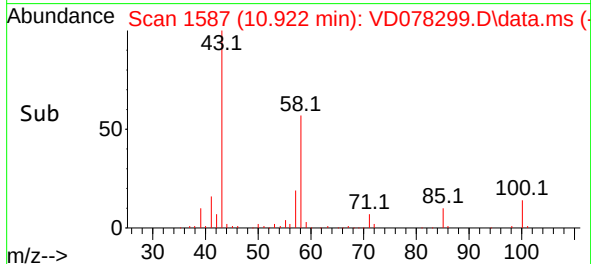
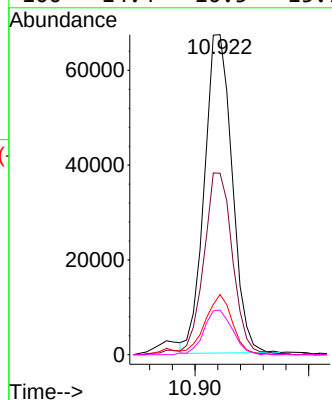
Ion Ratio Lower Upper

43 100

58 58.2 48.5 72.7

57 18.6 15.6 23.4

100 14.4 10.5 15.7



#49

Dibromochloromethane

Concen: 25.731 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078299.D

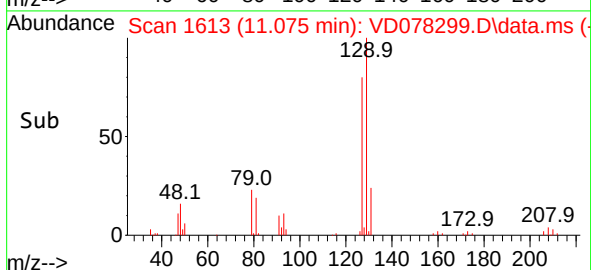
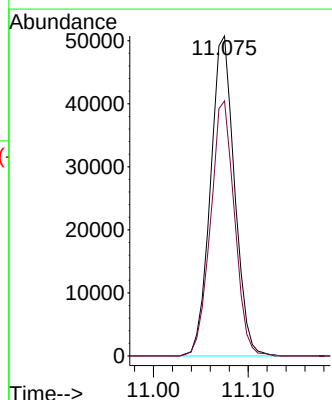
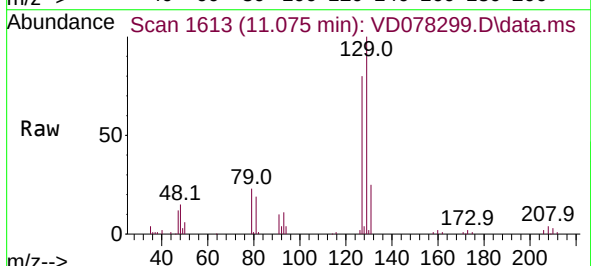
Acq: 31 Jan 2024 19:02

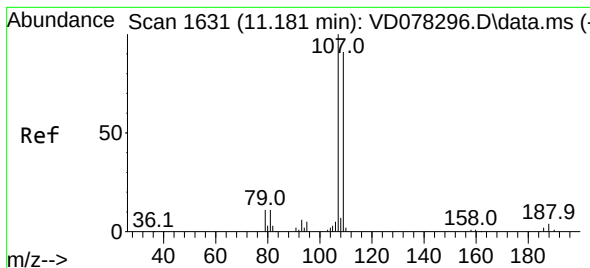
Tgt Ion:129 Resp: 89429

Ion Ratio Lower Upper

129 100

127 79.7 52.7 97.9





#50

1,2-Dibromoethane

Concen: 25.868 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

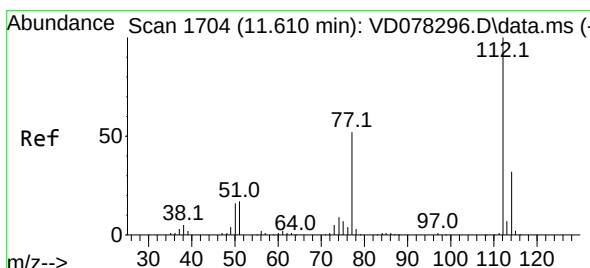
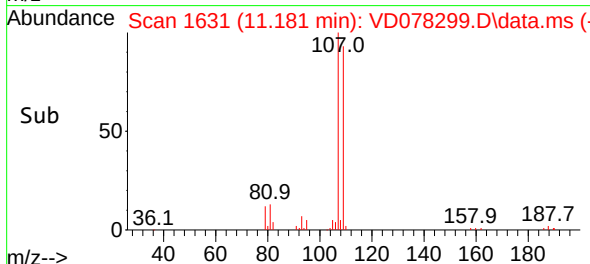
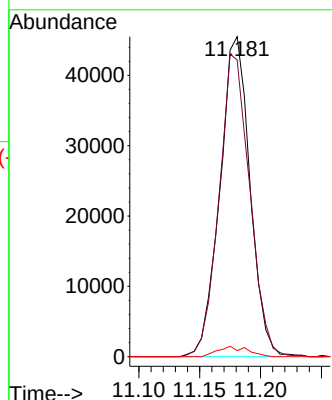
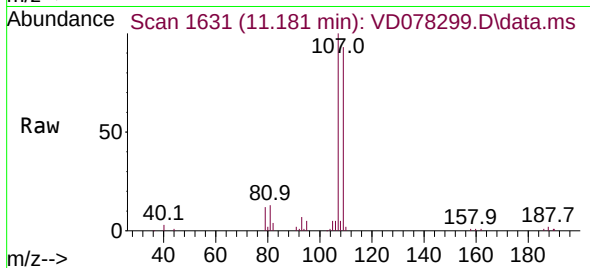
Tgt Ion:107 Resp: 78033

Ion Ratio Lower Upper

107 100

109 92.7 64.0 118.8

188 1.9 3.1 4.7#



#51

Chlorobenzene

Concen: 25.235 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

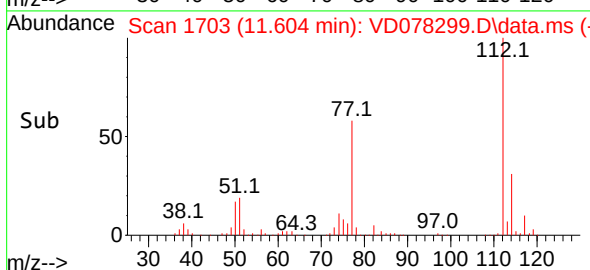
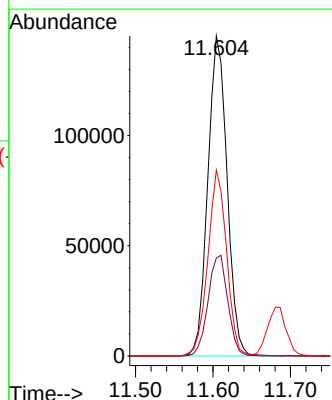
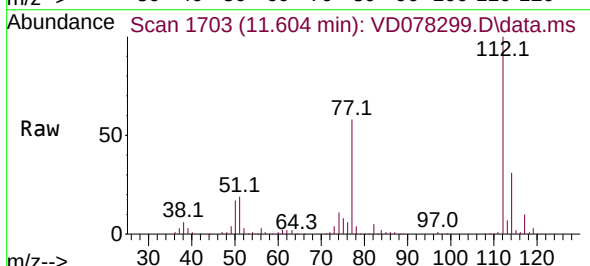
Tgt Ion:112 Resp: 250299

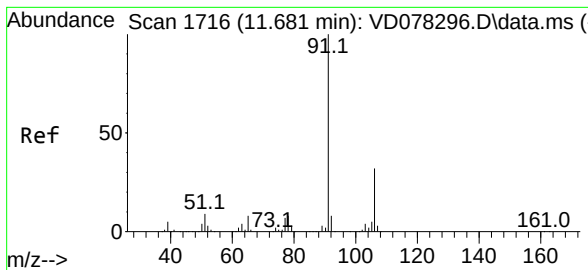
Ion Ratio Lower Upper

112 100

114 30.7 22.3 41.3

77 58.1 42.3 63.5

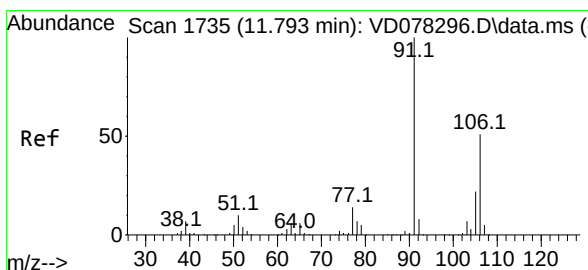
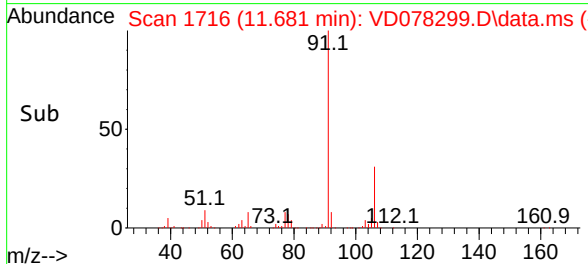
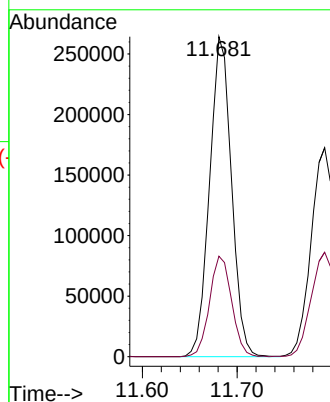
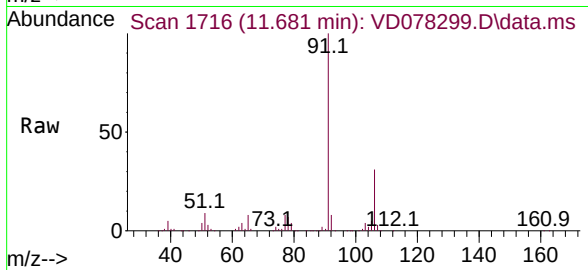




#52
Ethylbenzene
Concen: 25.767 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

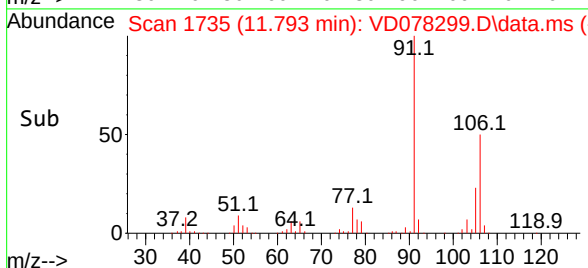
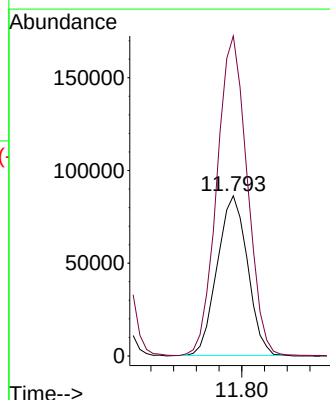
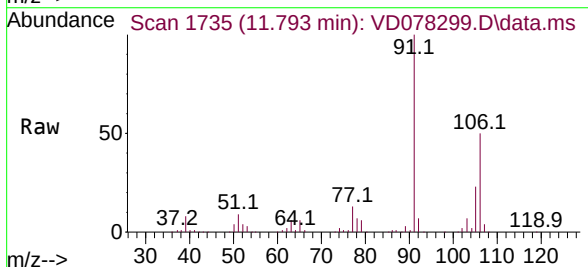
Instrument :
MSVOA_D
ClientSampleId :

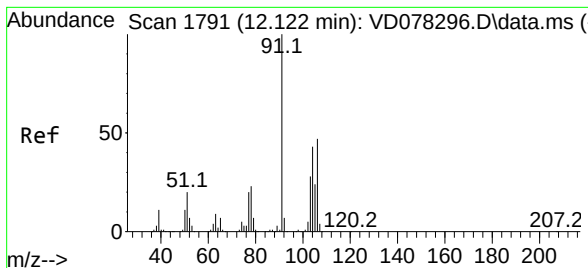
Tgt Ion: 91 Resp: 424012
Ion Ratio Lower Upper
91 100
106 31.4 22.5 41.7



#53
m,p-Xylene
Concen: 25.225 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion:106 Resp: 159527
Ion Ratio Lower Upper
106 100
91 199.8 138.3 256.8

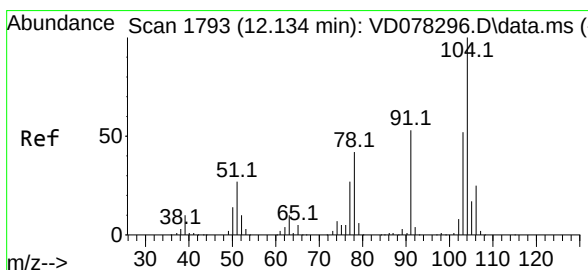
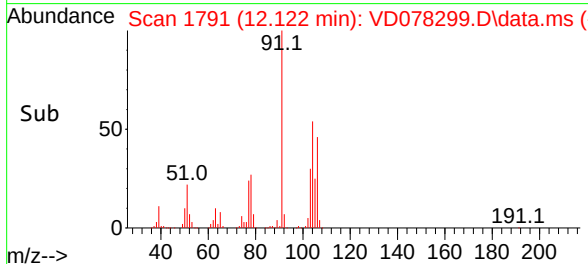
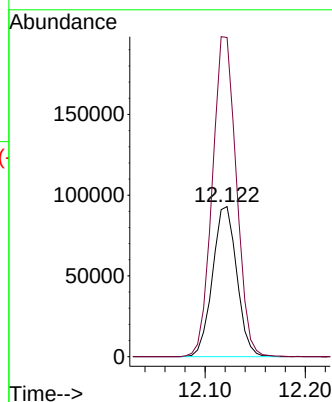
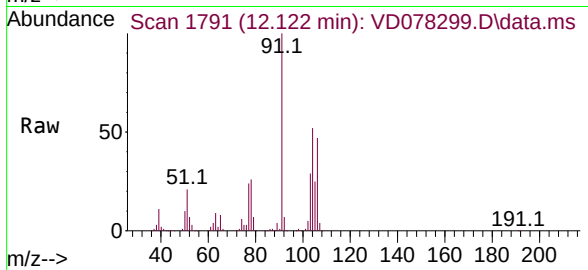




#54
o-Xylene
Concen: 25.627 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

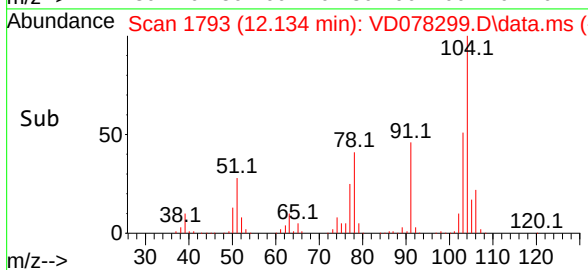
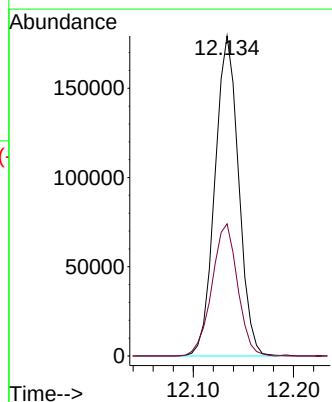
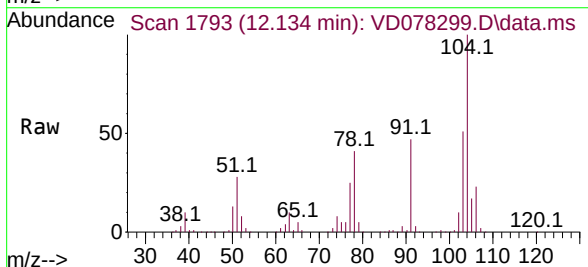
Instrument :
MSVOA_D
ClientSampleId :

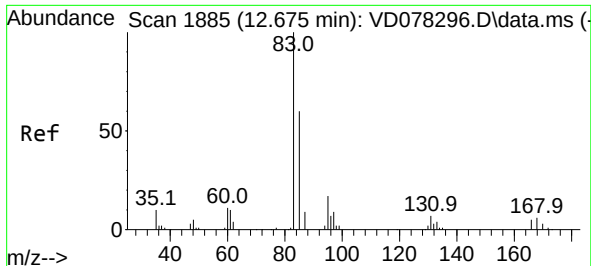
Tgt Ion:106 Resp: 156288
Ion Ratio Lower Upper
106 100
91 212.8 148.0 274.8



#55
Styrene
Concen: 26.748 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

Tgt Ion:104 Resp: 294259
Ion Ratio Lower Upper
104 100
78 41.3 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.505 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

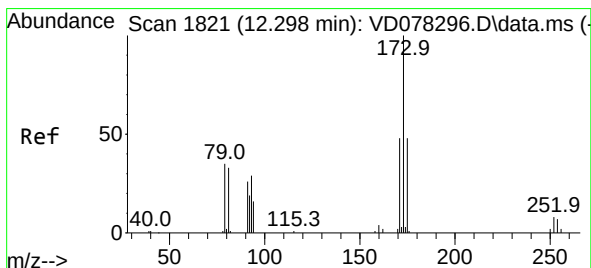
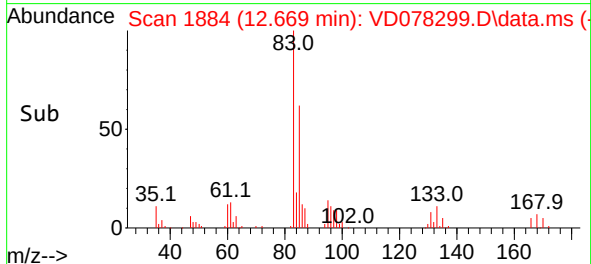
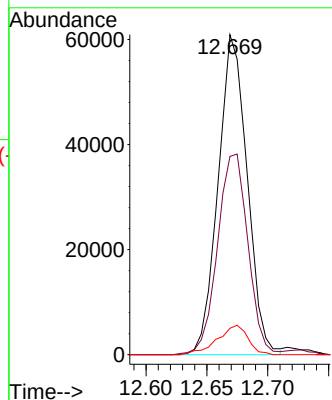
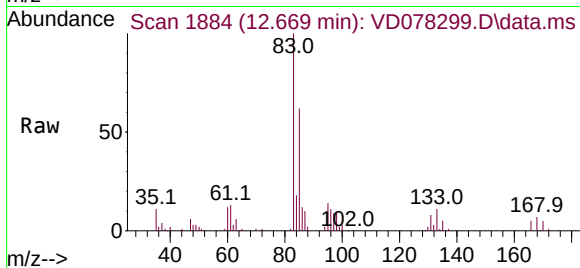
Tgt Ion: 83 Resp: 101061

Ion Ratio Lower Upper

83 100

85 61.9 42.6 79.0

131 8.3 6.0 9.0



#59

Bromoform

Concen: 26.577 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

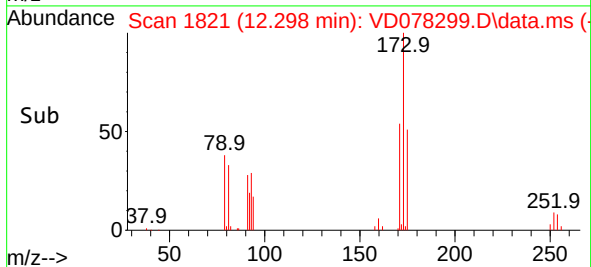
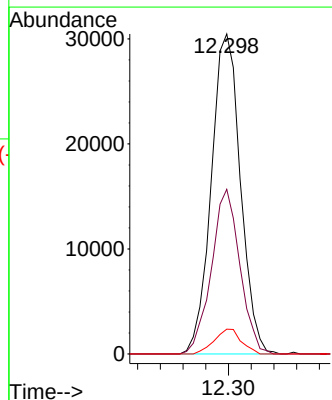
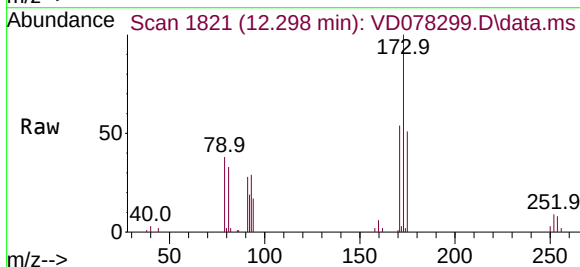
Tgt Ion:173 Resp: 54324

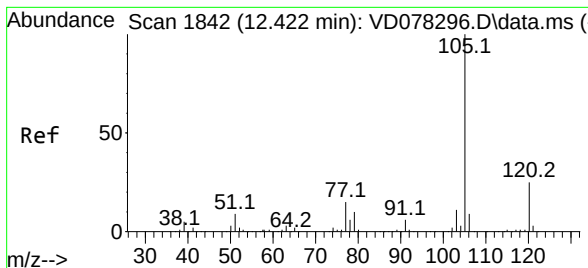
Ion Ratio Lower Upper

173 100

175 50.2 40.2 60.4

254 7.2 6.6 9.8





#60

Isopropylbenzene

Concen: 25.587 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

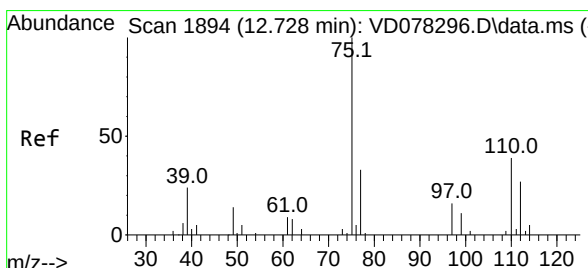
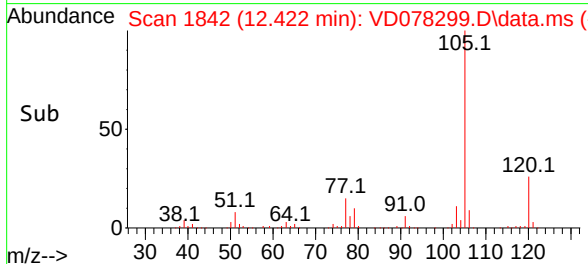
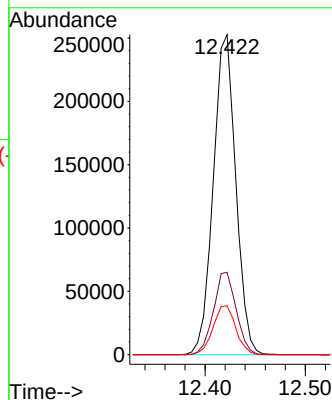
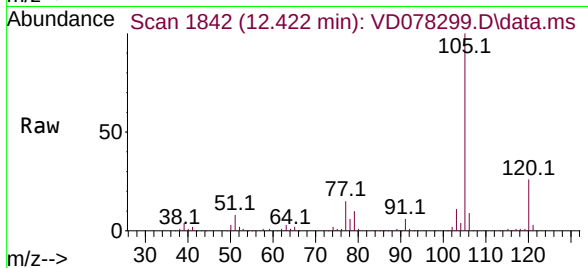
Tgt Ion:105 Resp: 393866

Ion Ratio Lower Upper

105 100

120 26.0 20.4 30.6

77 15.6 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 26.243 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

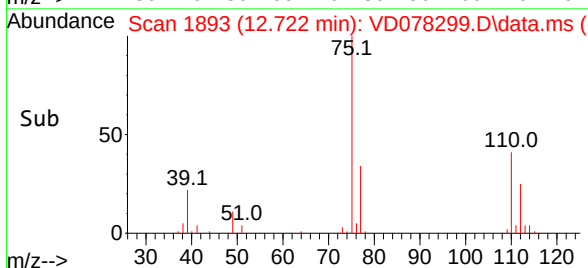
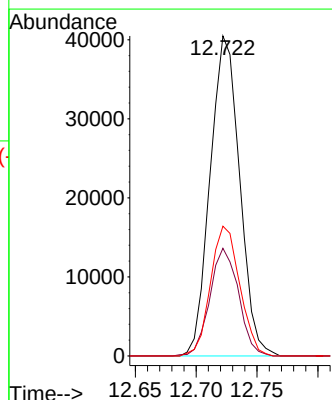
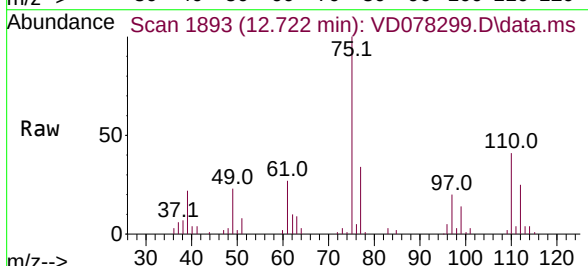
Tgt Ion: 75 Resp: 68193

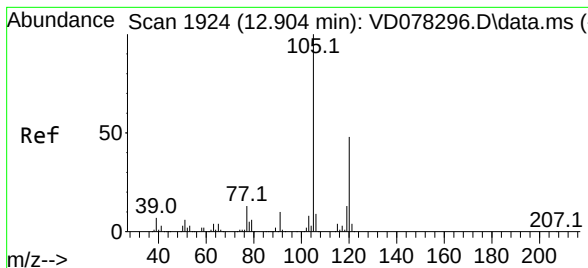
Ion Ratio Lower Upper

75 100

77 32.7 26.5 39.7

110 40.2 31.8 47.8

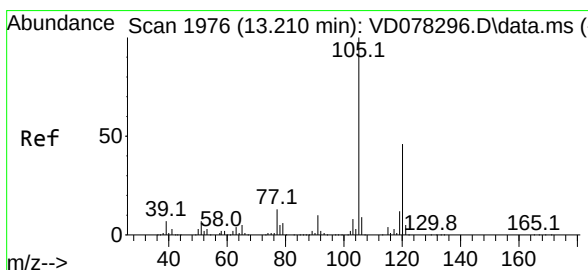
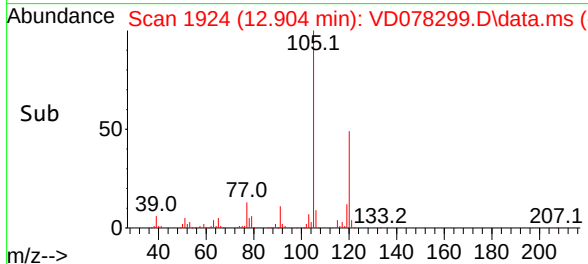
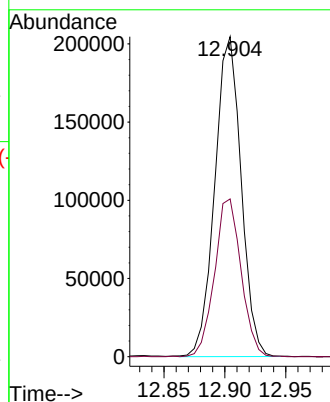
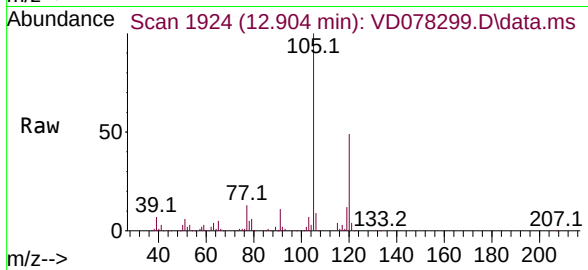




#62
 1,3,5-Trimethylbenzene
 Concen: 25.502 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

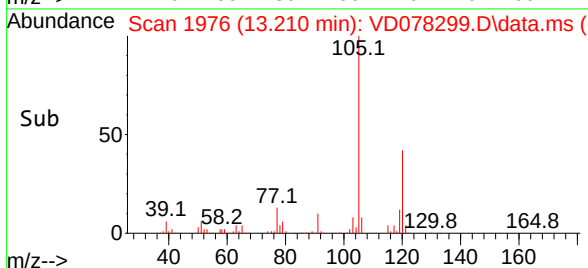
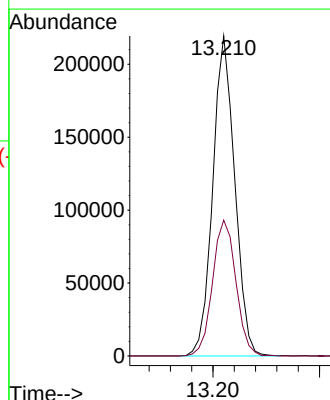
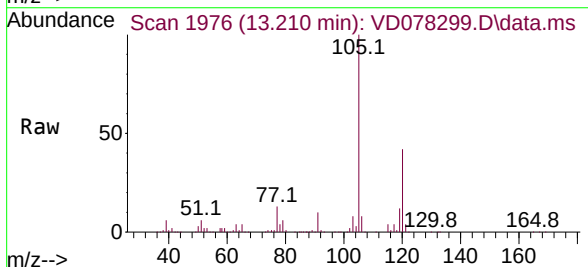
Instrument :
 MSVOA_D
 ClientSampleId :

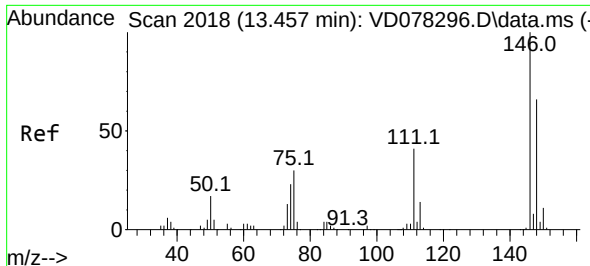
Tgt Ion:105 Resp: 307060
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 26.325 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

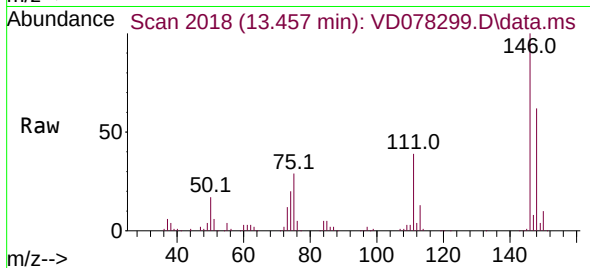
Tgt Ion:105 Resp: 313956
 Ion Ratio Lower Upper
 105 100
 120 45.0 37.0 55.4



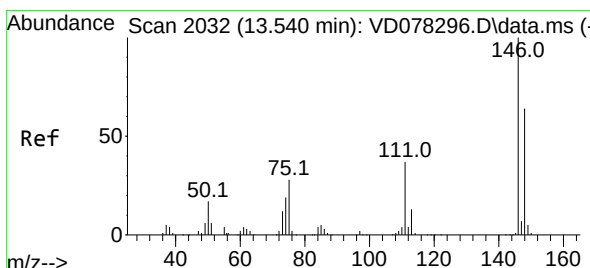
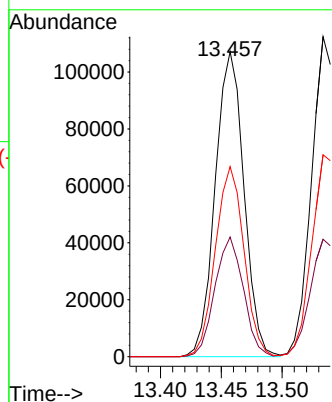
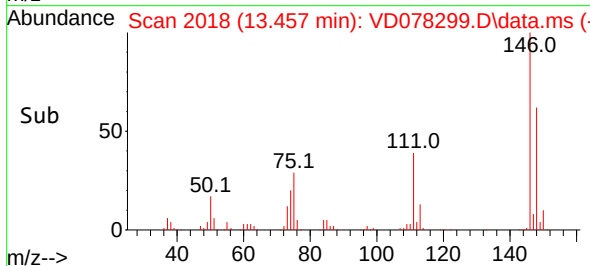


#64
1,3-Dichlorobenzene
Concen: 25.623 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

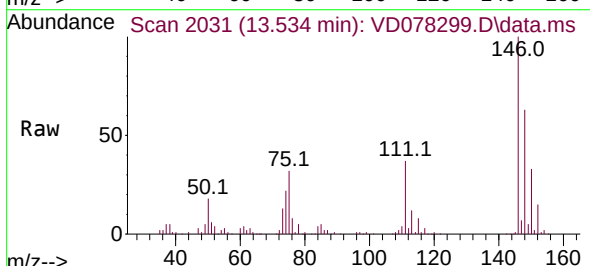
Instrument :
MSVOA_D
ClientSampleId :



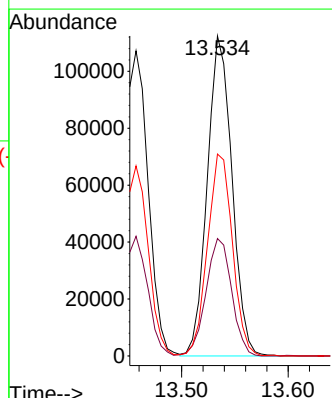
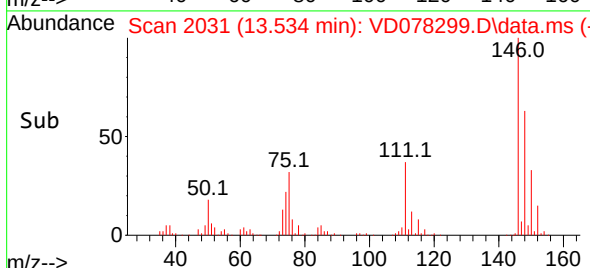
Tgt Ion:146 Resp: 176009
Ion Ratio Lower Upper
146 100
111 39.2 28.6 53.0
148 62.3 46.5 86.3

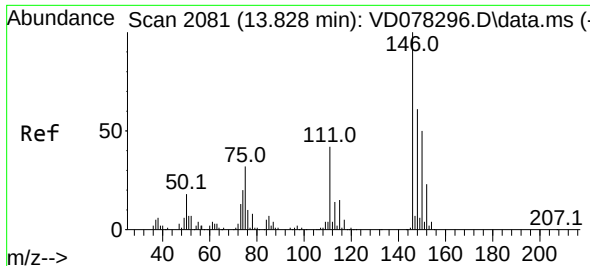


#65
1,4-Dichlorobenzene
Concen: 25.179 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02



Tgt Ion:146 Resp: 181075
Ion Ratio Lower Upper
146 100
111 36.7 26.4 49.0
148 63.1 44.5 82.7

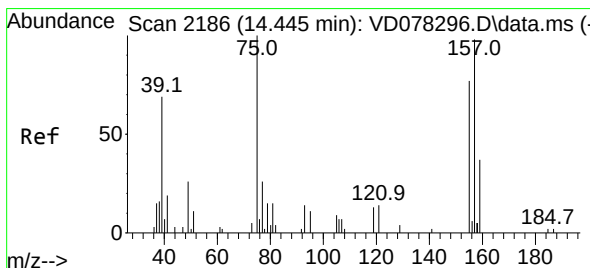
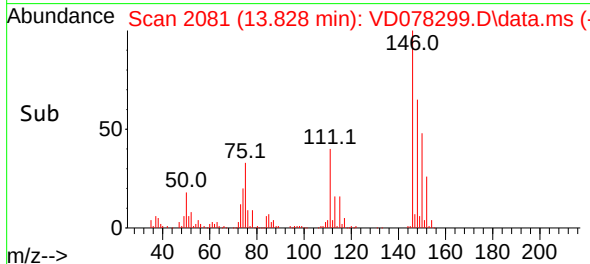
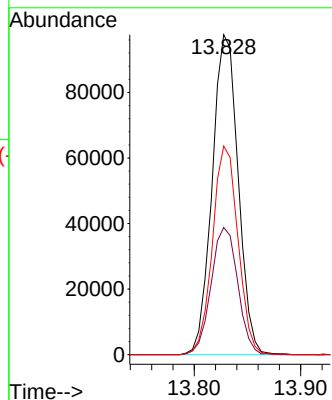
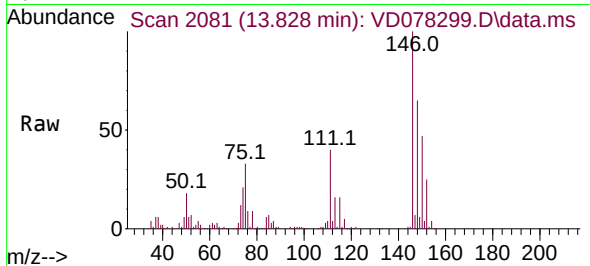




#67
1,2-Dichlorobenzene
Concen: 25.459 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

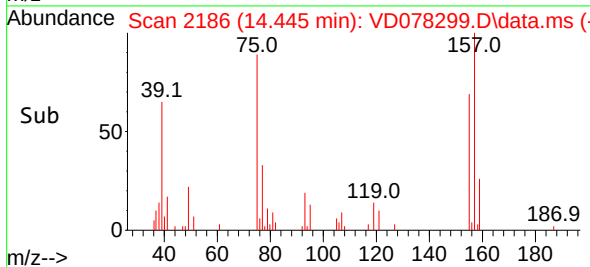
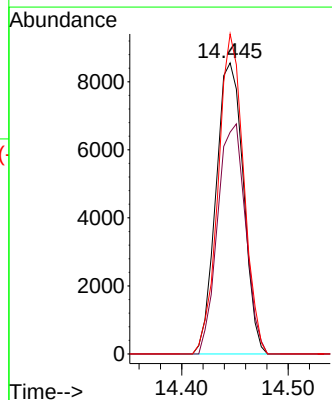
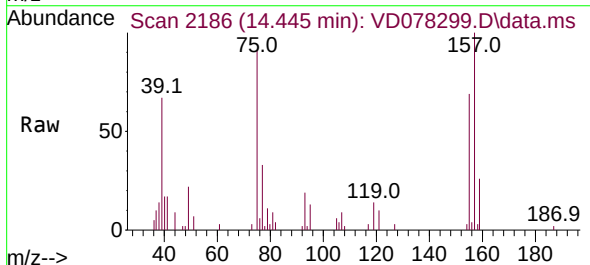
Instrument :
MSVOA_D
ClientSampleId :

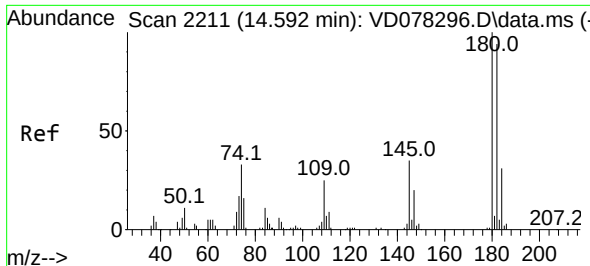
Tgt Ion:146 Resp: 165424
Ion Ratio Lower Upper
146 100
111 39.8 33.6 50.4
148 65.2 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.522 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078299.D
Acq: 31 Jan 2024 19:02

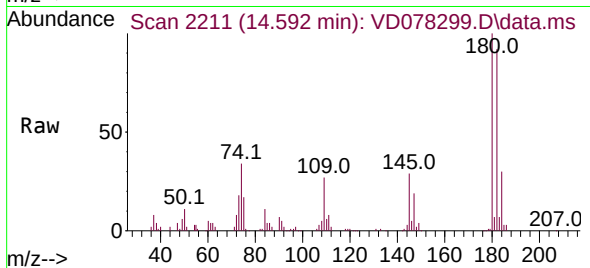
Tgt Ion: 75 Resp: 15270
Ion Ratio Lower Upper
75 100
155 76.2 61.6 92.4
157 110.0 78.1 117.1



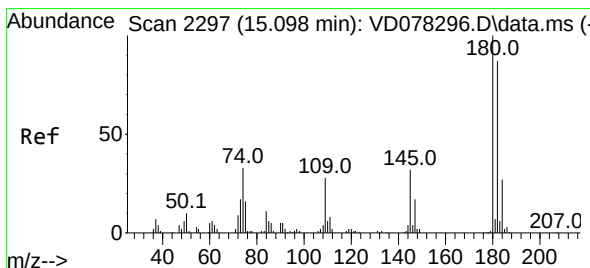
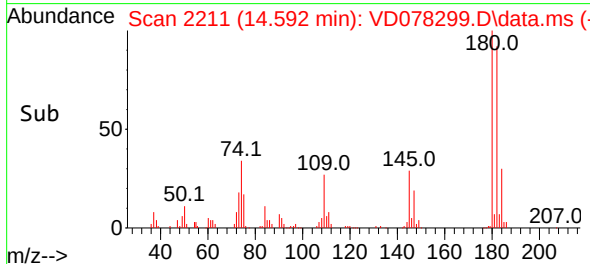
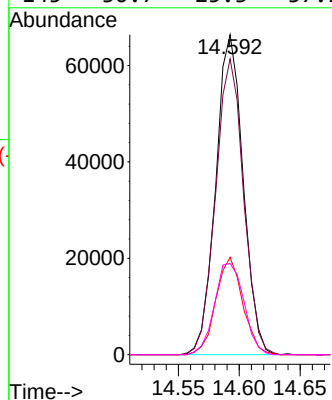


#69
 1,3,5-Trichlorobenzene
 Concen: 24.527 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

Instrument :
 MSVOA_D
 ClientSampleId :

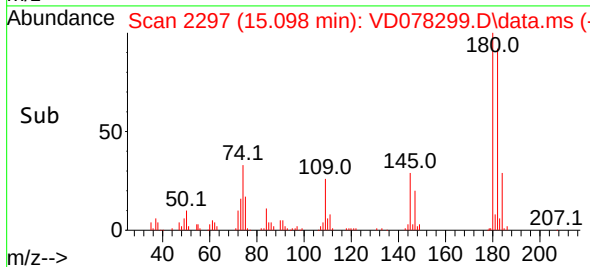
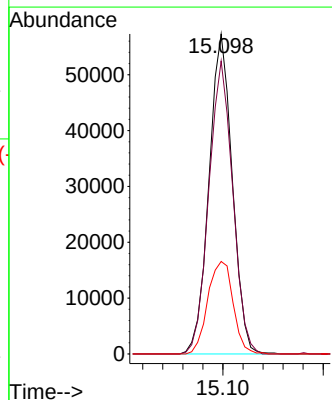
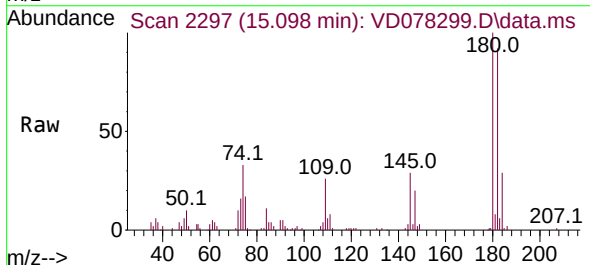


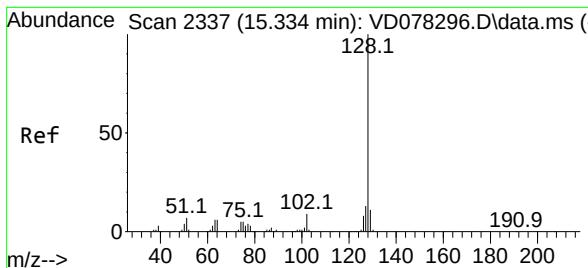
Tgt Ion:180 Resp: 103800
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.6 113.4
 184 30.0 23.2 34.8
 145 30.7 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 25.278 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078299.D
 Acq: 31 Jan 2024 19:02

Tgt Ion:180 Resp: 92465
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.2 114.4
 145 31.4 25.0 37.6





#71

Naphthalene

Concen: 26.750 ug/L

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Instrument :

MSVOA_D

ClientSampleId :

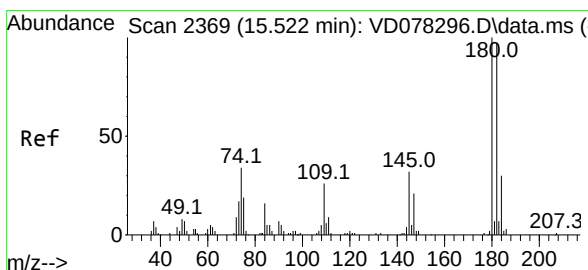
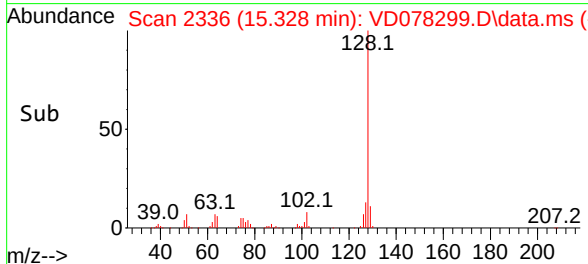
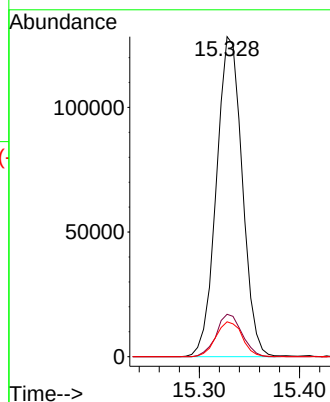
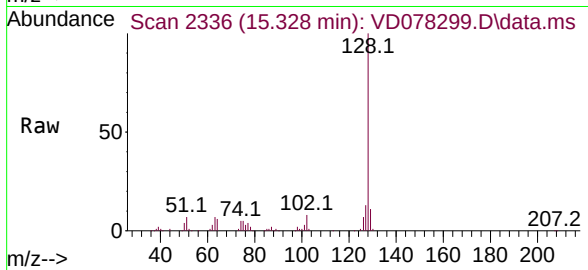
Tgt Ion:128 Resp: 229086

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.201 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078299.D

Acq: 31 Jan 2024 19:02

Tgt Ion:180 Resp: 86056

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

145 33.7 26.8 40.2

