

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078301.D
 Acq On : 01 Feb 2024 11:21
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:35:00 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	210622	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	199936	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	159364	26.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.680%	
7) Chloroethane-d5	2.805	69	130384	25.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.840%	
11) 1,1-Dichloroethene-d2	3.916	65	34497	26.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.960%	
21) 2-Butanone-d5	6.993	46	39771	45.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.400%	
24) Chloroform-d	7.569	84	154619	25.747	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.000%	
26) 1,2-Dichloroethane-d4	8.234	65	81308	25.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.360%	
32) Benzene-d6	8.204	84	327777	28.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.160%	
36) 1,2-Dichloropropane-d6	9.210	67	96812	26.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.600%	
41) Toluene-d8	10.269	98	298210	28.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.600%	
43) trans-1,3-Dichloroprop...	10.528	79	43508	27.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.280%	
47) 2-Hexanone-d5	10.881	63	36095	49.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.860%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83566	24.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.960%	
66) 1,2-Dichlorobenzene-d4	13.816	152	88008	25.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	102736	24.738	ug/L	96
3) Chloromethane	2.152	50	143016	23.679	ug/L	99
5) Vinyl chloride	2.287	62	181592	24.317	ug/L	96
6) Bromomethane	2.699	94	86792	25.636	ug/L	99
8) Chloroethane	2.840	64	112236	23.606	ug/L	97
9) Trichlorofluoromethane	3.175	101	134718	25.377	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	82074	24.845	ug/L	98
12) 1,1-Dichloroethene	3.946	96	75839	24.806	ug/L	91
13) Acetone	4.028	43	60295	52.195	ug/L	96
14) Carbon disulfide	4.275	76	280464	24.889	ug/L	99
15) Methyl Acetate	4.569	43	37615	21.732	ug/L #	81
16) Methylene chloride	4.799	84	93815	22.712	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	83432	24.765	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	177925	22.708	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	148286	25.154	ug/L	99
20) cis-1,2-Dichloroethene	7.087	96	89701	24.295	ug/L	97
22) 2-Butanone	7.087	43	67853	48.512	ug/L	98
23) Bromochloromethane	7.428	128	40538	24.856	ug/L	93
25) Chloroform	7.599	83	157580	24.496	ug/L	96

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 QLast Update : Thu Feb 01 04:27:33 2024
 Response via : Initial Calibration

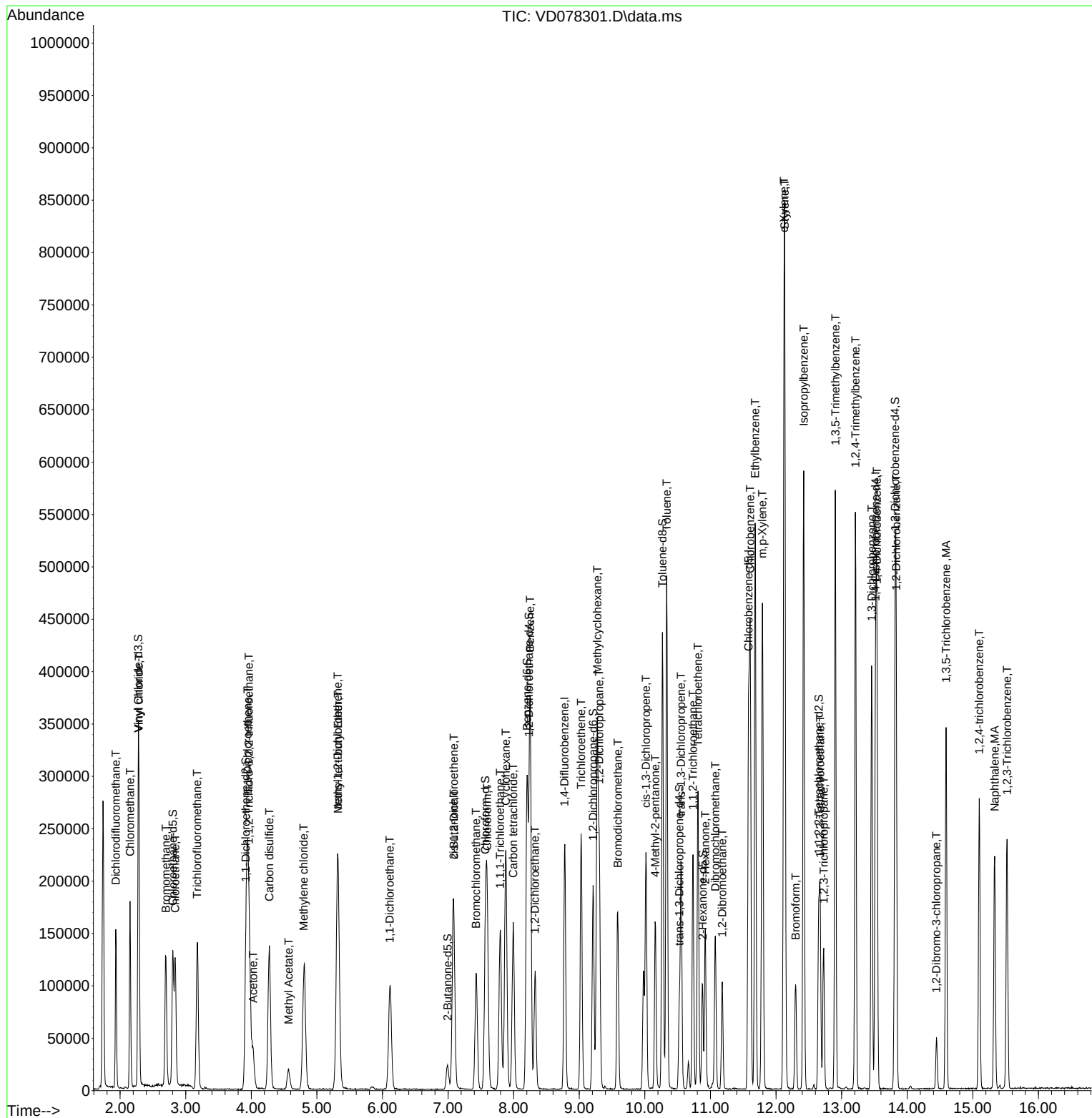
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27) 1,2-Dichloroethane	8.322	62	96768	23.423	ug/L	96
29) Cyclohexane	7.881	56	123492	27.323	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	124142	25.330	ug/L	97
31) Carbon tetrachloride	7.993	117	112086	25.961	ug/L	97
33) Benzene	8.252	78	351286	26.074	ug/L	100
34) Trichloroethene	9.028	95	84554	24.849	ug/L	93
35) Methylcyclohexane	9.275	83	143394	26.931	ug/L	97
37) 1,2-Dichloropropane	9.304	63	90964	25.623	ug/L	100
38) Bromodichloromethane	9.587	83	116376	25.125	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	140557	25.436	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	105511	47.855	ug/L	99
42) Toluene	10.334	91	369443	26.356	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	121482	25.127	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	69680	24.624	ug/L	96
46) Tetrachloroethene	10.810	164	61165	26.178	ug/L	94
48) 2-Hexanone	10.922	43	95944	53.349	ug/L	96
49) Dibromochloromethane	11.075	129	76401	24.023	ug/L	97
50) 1,2-Dibromoethane	11.181	107	66793	24.198	ug/L #	96
51) Chlorobenzene	11.604	112	227533	25.070	ug/L	94
52) Ethylbenzene	11.681	91	399410	26.526	ug/L	95
53) m,p-Xylene	11.793	106	147613	25.508	ug/L	100
54) o-Xylene	12.122	106	144594	25.911	ug/L	100
55) Styrene	12.134	104	265085	26.334	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	85390	23.552	ug/L	99
59) Bromoform	12.298	173	44889	23.648	ug/L	96
60) Isopropylbenzene	12.422	105	377249	26.390	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	56911	23.583	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	291894	26.104	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	293406	26.492	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	164263	25.750	ug/L	90
65) 1,4-Dichlorobenzene	13.539	146	166431	24.921	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	150323	24.912	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12556	23.483	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	100290	25.518	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	81953	24.125	ug/L	99
71) Naphthalene	15.333	128	189476	23.825	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	77379	24.401	ug/L	99

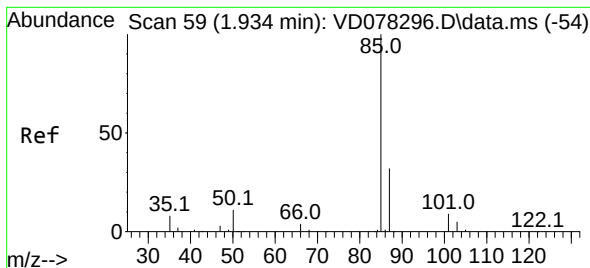
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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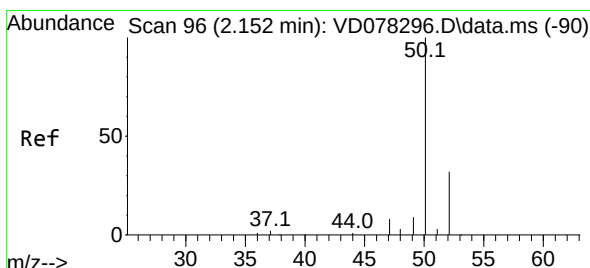
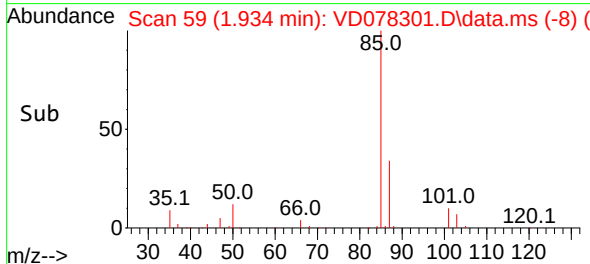
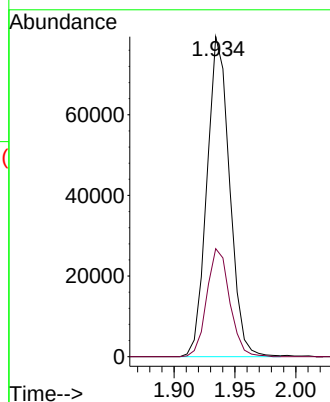
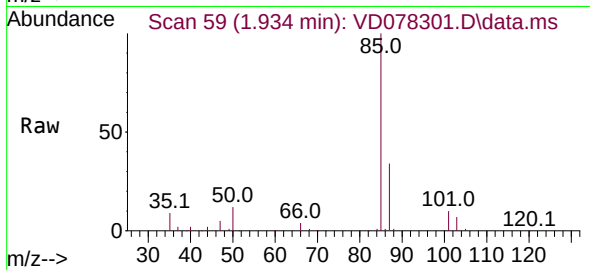




#2
 Dichlorodifluoromethane
 Concen: 24.738 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

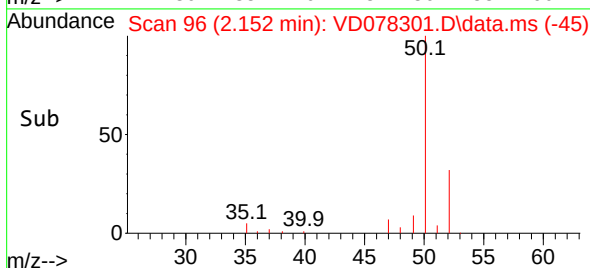
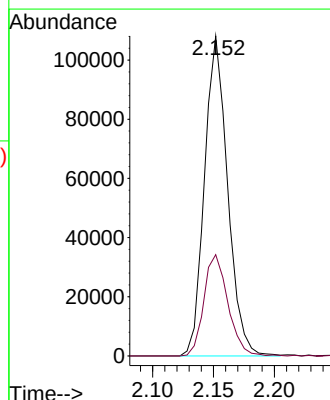
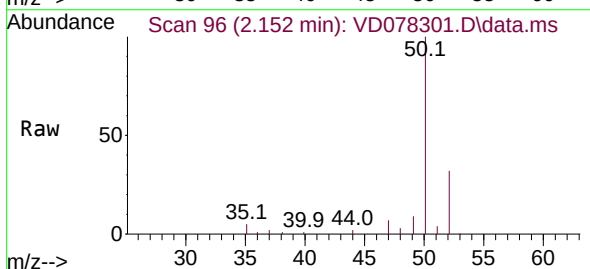
Instrument :
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 ClientSampleId :

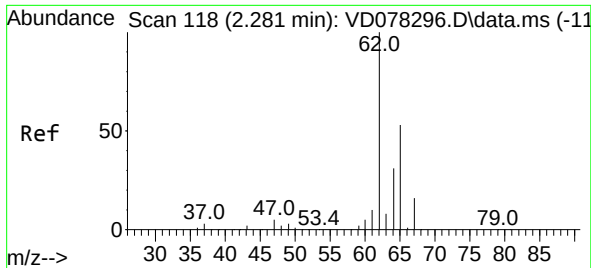
Tgt Ion: 85 Resp: 102736
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.3 37.9



#3
 Chloromethane
 Concen: 23.679 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Tgt Ion: 50 Resp: 143016
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.3

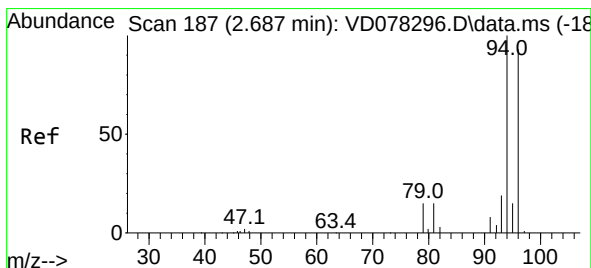
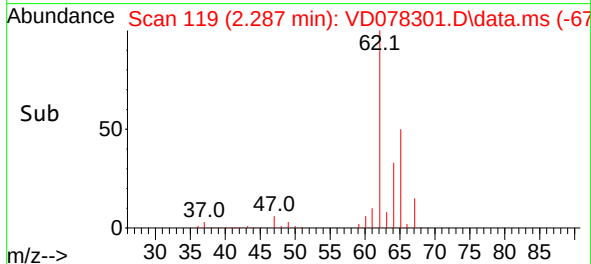
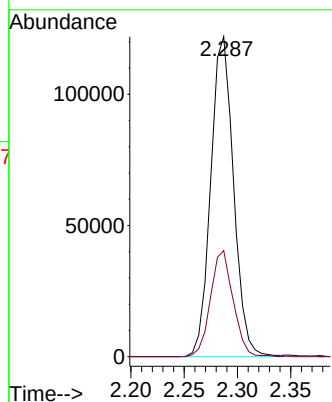
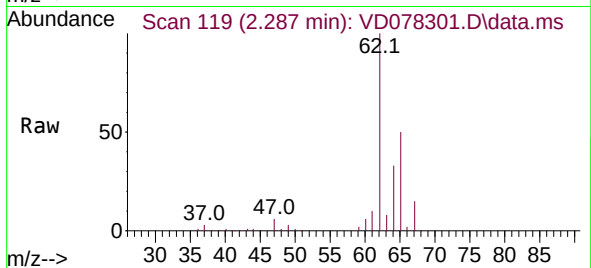




#5
 Vinyl chloride
 Concen: 24.317 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

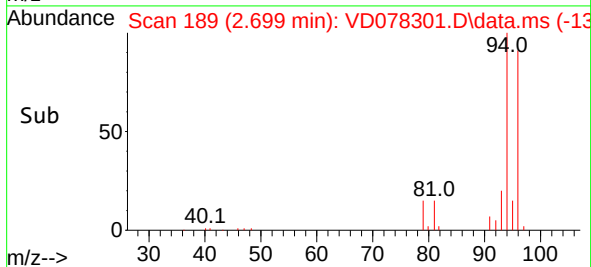
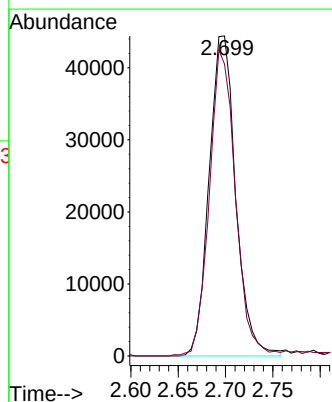
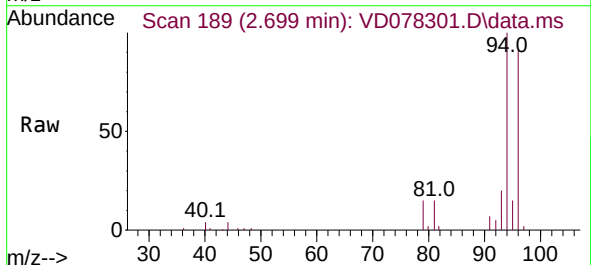
Instrument :
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 ClientSampleId :

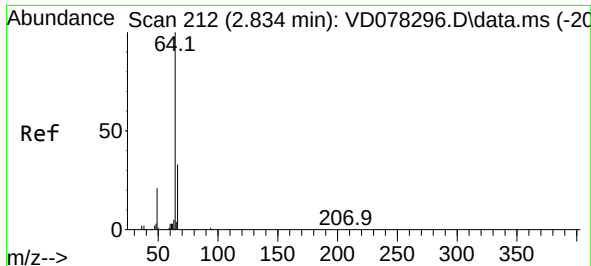
Tgt Ion: 62 Resp: 181592
 Ion Ratio Lower Upper
 62 100
 64 33.1 21.7 40.3



#6
 Bromomethane
 Concen: 25.636 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.012 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Tgt Ion: 94 Resp: 86792
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.8 120.4

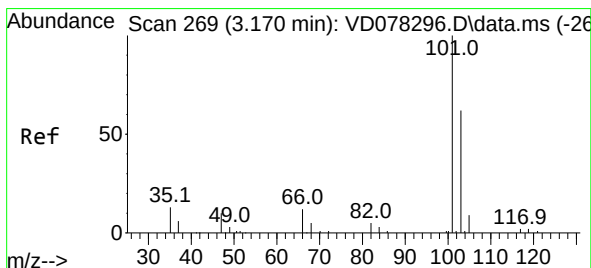
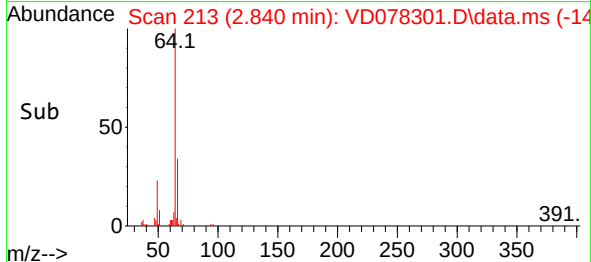
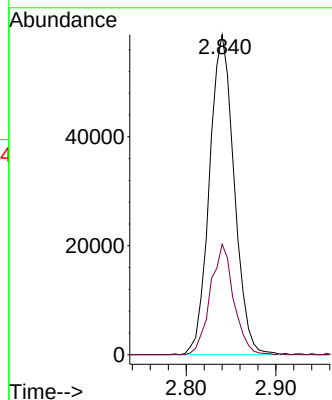
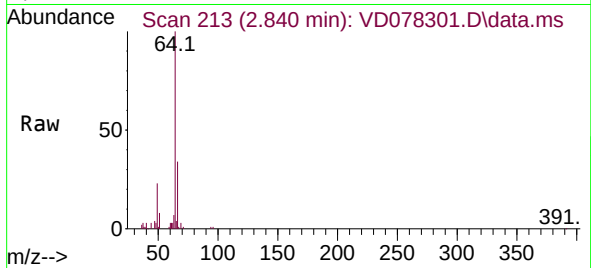




#8
Chloroethane
Concen: 23.606 ug/L
RT: 2.840 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

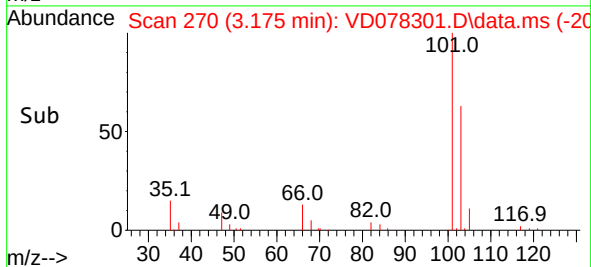
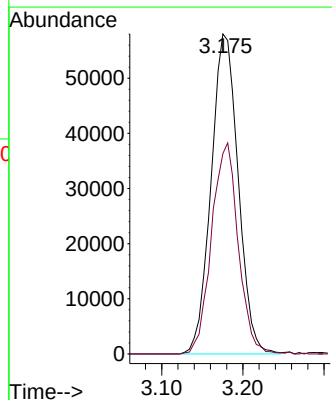
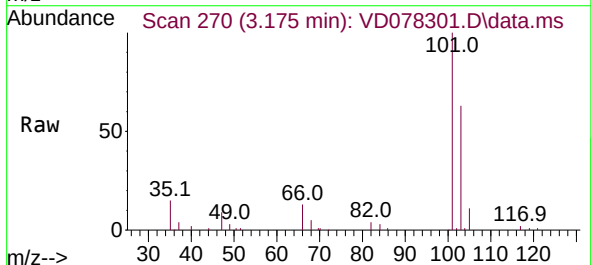
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ClientSampleId :

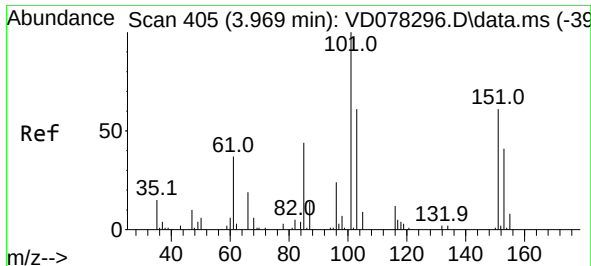
Tgt Ion: 64 Resp: 112236
Ion Ratio Lower Upper
64 100
66 34.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 25.377 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:101 Resp: 134718
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

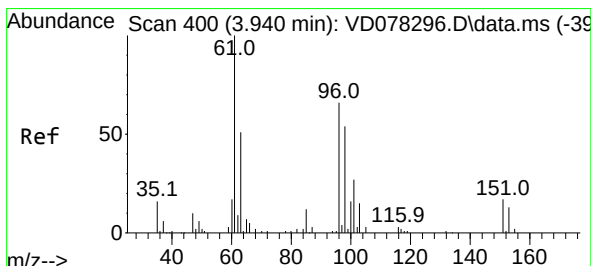
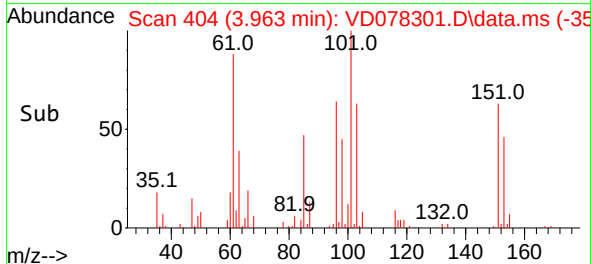
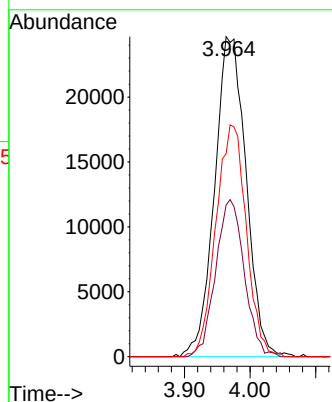
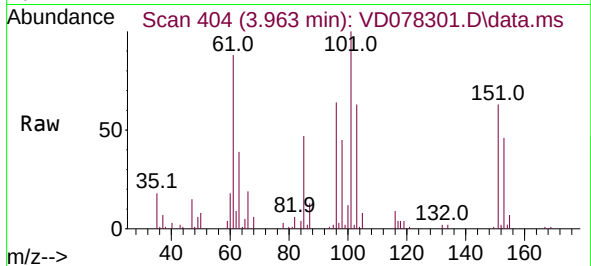




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.845 ug/L
 RT: 3.963 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

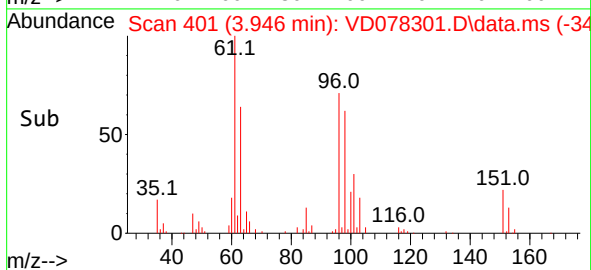
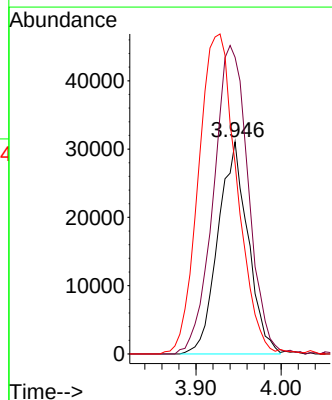
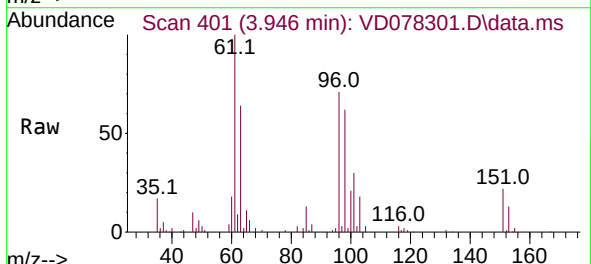
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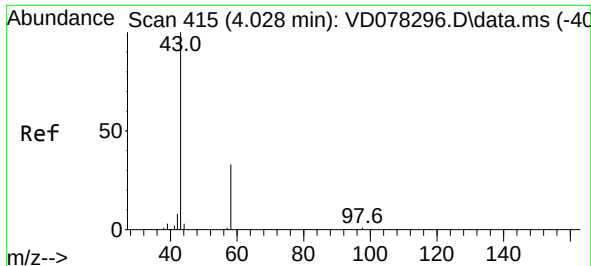
Tgt Ion:101 Resp: 82074
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 69.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.806 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Tgt Ion: 96 Resp: 75839
 Ion Ratio Lower Upper
 96 100
 61 139.9 108.8 202.2
 63 90.0 65.2 121.0





#13

Acetone

Concen: 52.195 ug/L

RT: 4.028 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

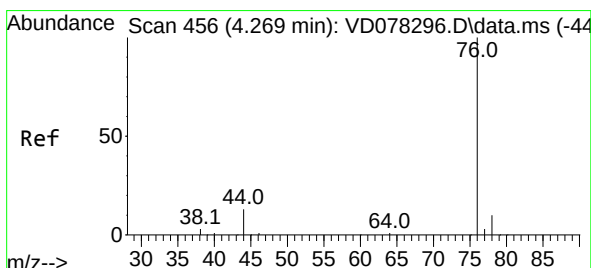
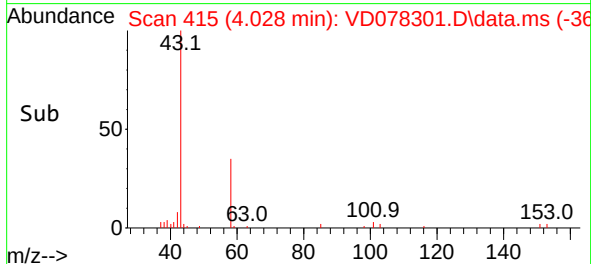
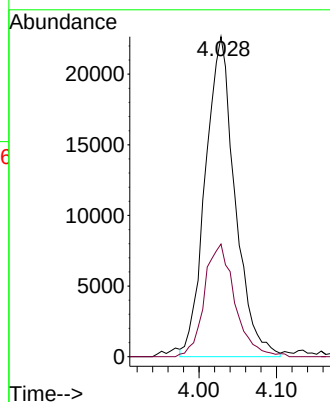
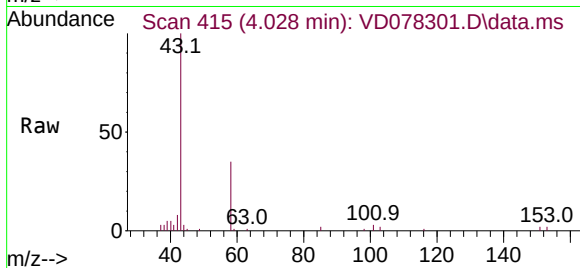
ClientSampleId :

Tgt Ion: 43 Resp: 60295

Ion Ratio Lower Upper

43 100

58 35.9 0.0 67.2



#14

Carbon disulfide

Concen: 24.889 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD078301.D

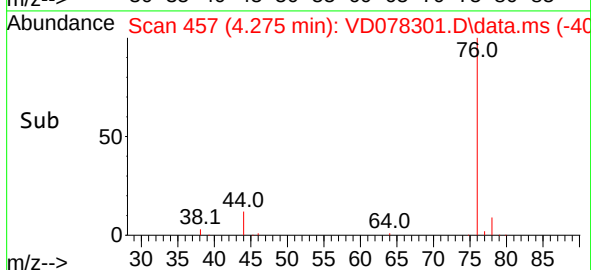
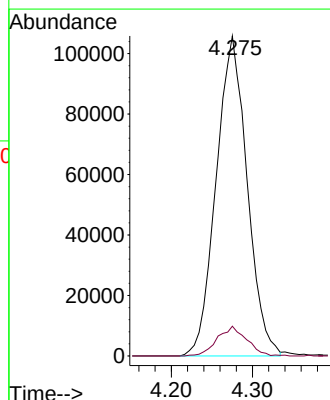
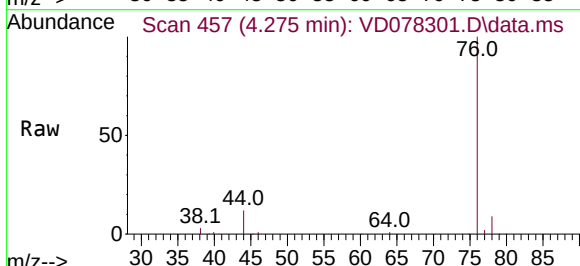
Acq: 01 Feb 2024 11:21

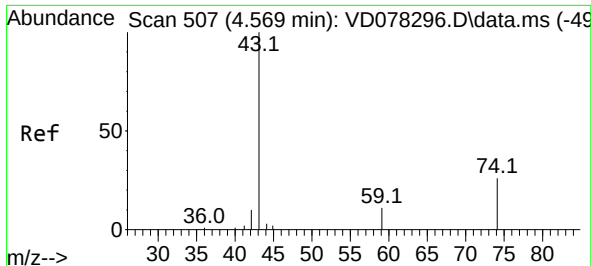
Tgt Ion: 76 Resp: 280464

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

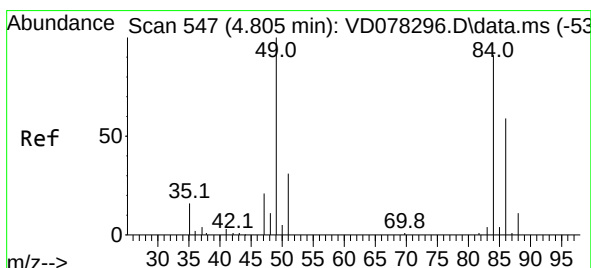
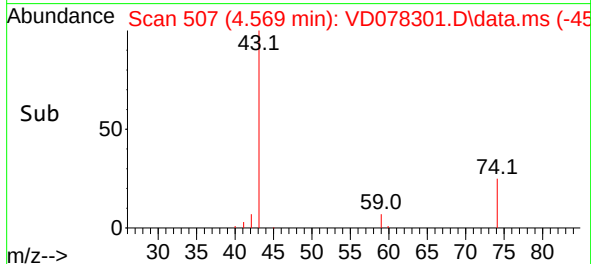
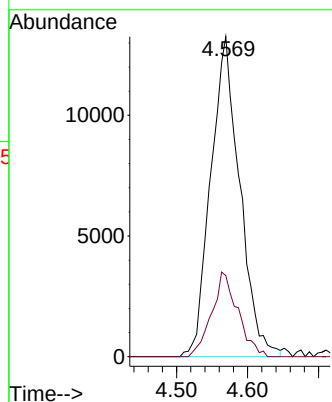
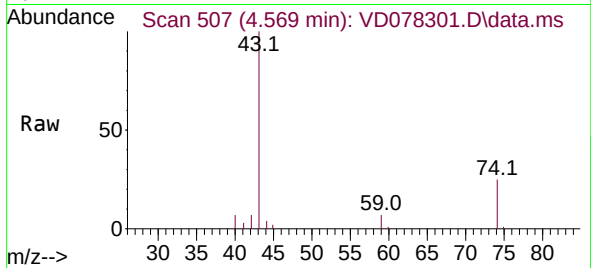




#15
Methyl Acetate
Concen: 21.732 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

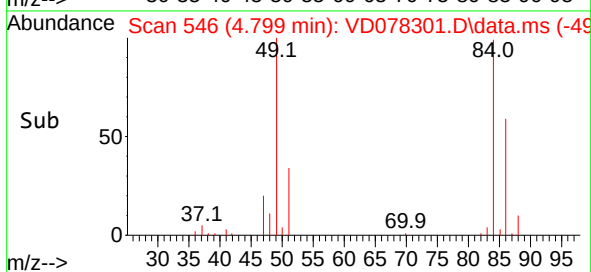
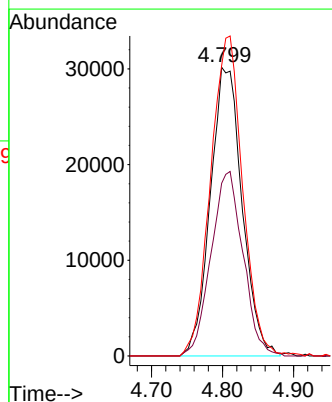
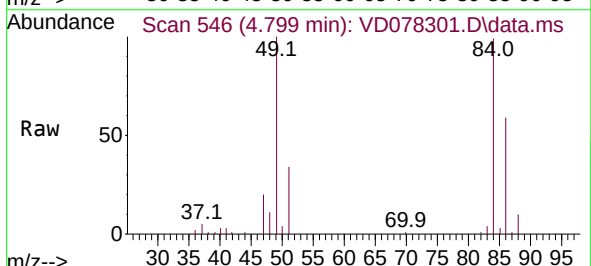
Instrument :
MSVOA_D
ClientSampleId :

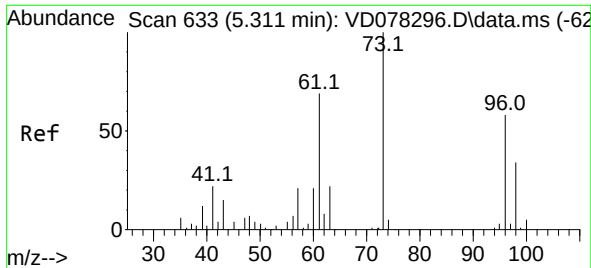
Tgt Ion: 43 Resp: 37615
Ion Ratio Lower Upper
43 100
74 23.9 12.7 19.1#



#16
Methylene chloride
Concen: 22.712 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion: 84 Resp: 93815
Ion Ratio Lower Upper
84 100
86 59.8 45.4 84.2
49 100.6 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 24.765 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

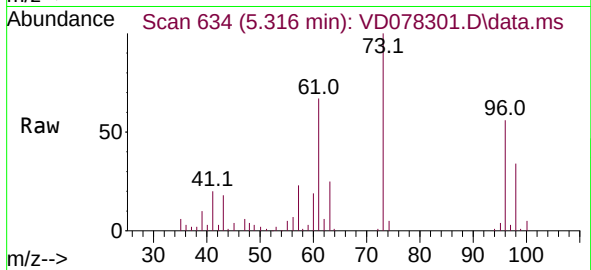
Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :



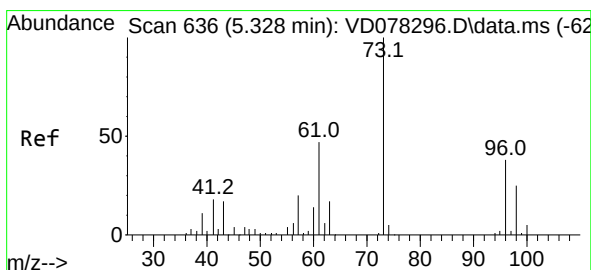
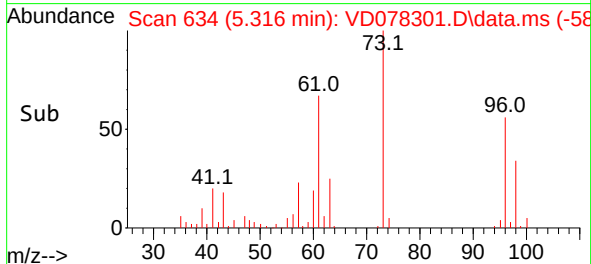
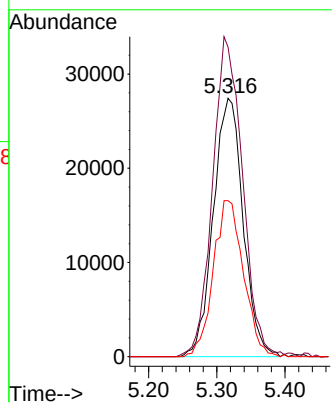
Tgt Ion: 96 Resp: 83432

Ion Ratio Lower Upper

96 100

61 119.9 82.7 153.7

98 60.4 40.7 75.7



#18

Methyl tert-butyl Ether

Concen: 22.708 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.006 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

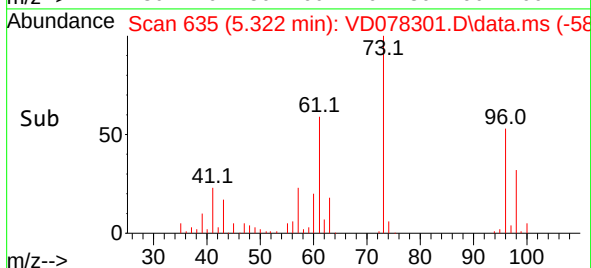
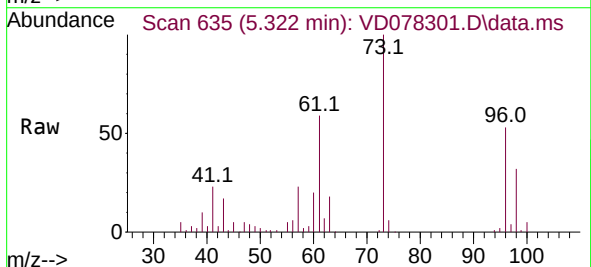
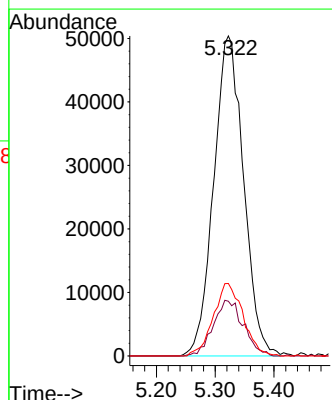
Tgt Ion: 73 Resp: 177925

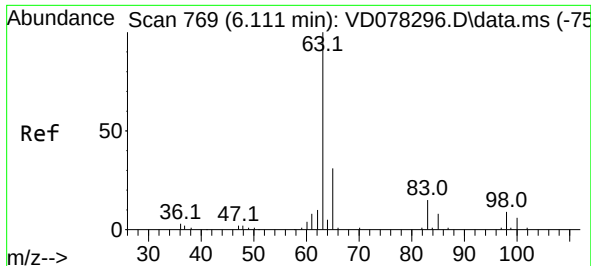
Ion Ratio Lower Upper

73 100

43 11.1 13.3 19.9#

57 22.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 25.154 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

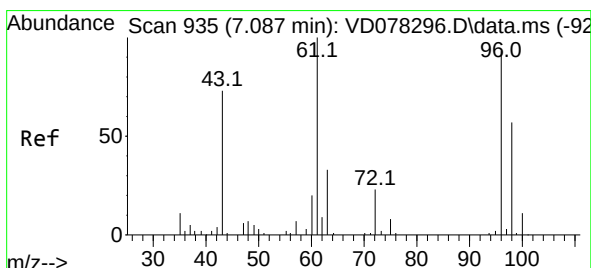
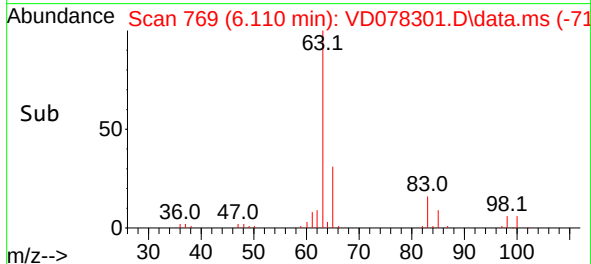
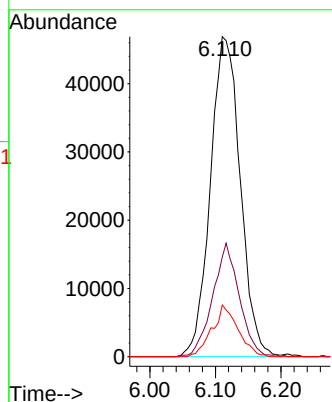
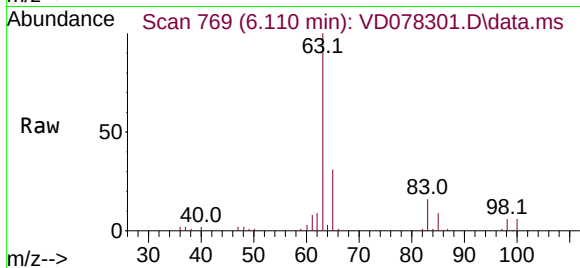
Tgt Ion: 63 Resp: 148286

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.4

83 16.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.295 ug/L

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

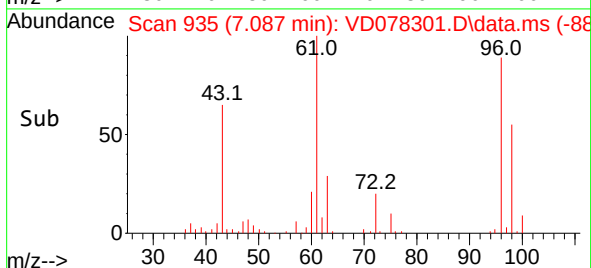
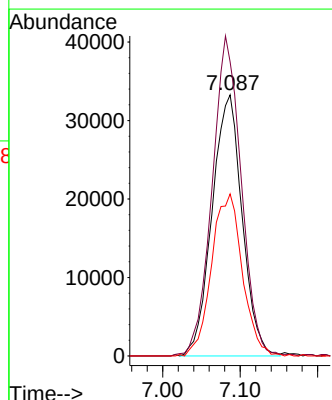
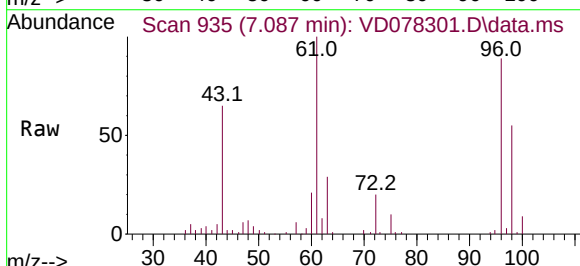
Tgt Ion: 96 Resp: 89701

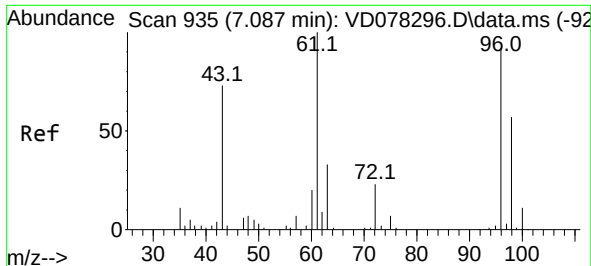
Ion Ratio Lower Upper

96 100

61 112.6 75.6 140.4

98 62.1 43.1 80.1

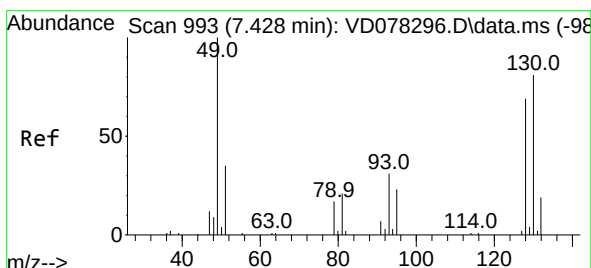
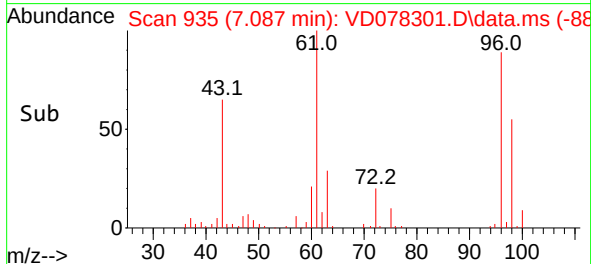
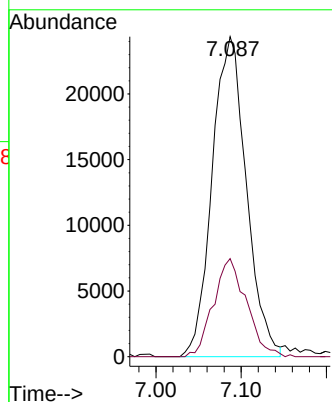
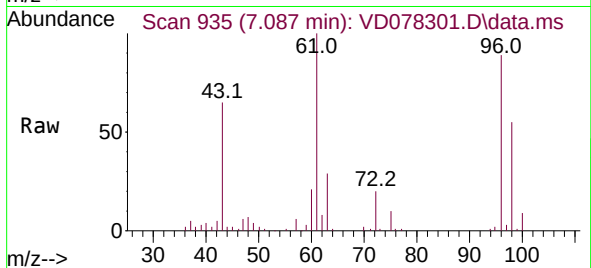




#22
2-Butanone
Concen: 48.512 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

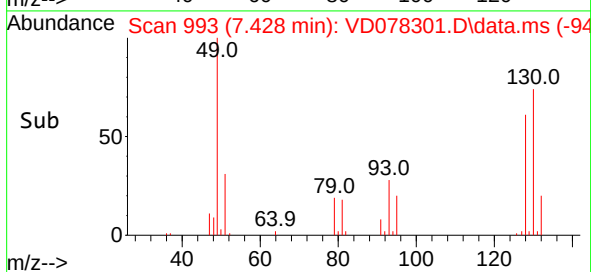
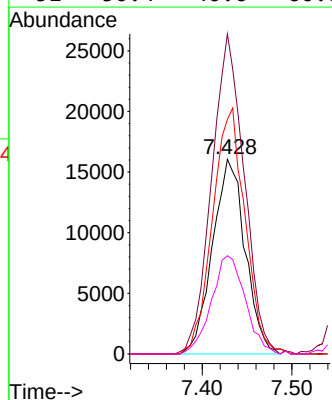
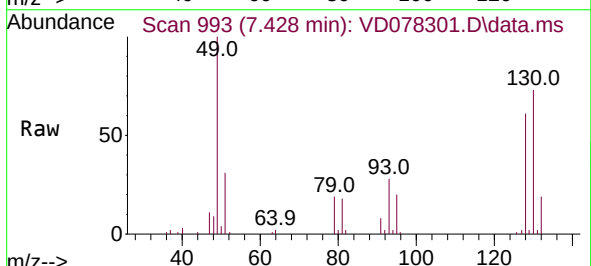
Instrument :
MSVOA_D
ClientSampleId :

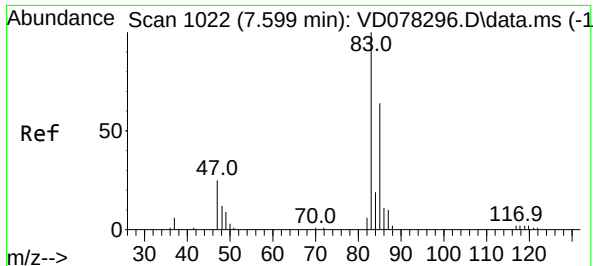
Tgt Ion: 43 Resp: 67853
Ion Ratio Lower Upper
43 100
72 29.5 15.4 46.2



#23
Bromochloromethane
Concen: 24.856 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:128 Resp: 40538
Ion Ratio Lower Upper
128 100
49 164.4 102.7 190.7
130 120.5 82.6 153.4
51 50.4 40.6 60.8





#25

Chloroform

Concen: 24.496 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

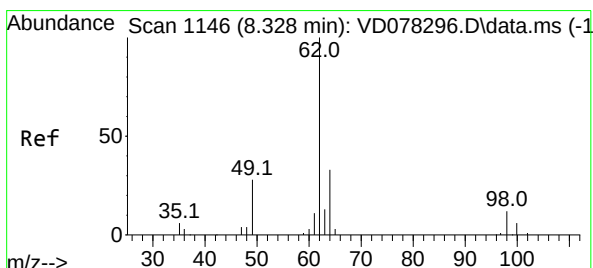
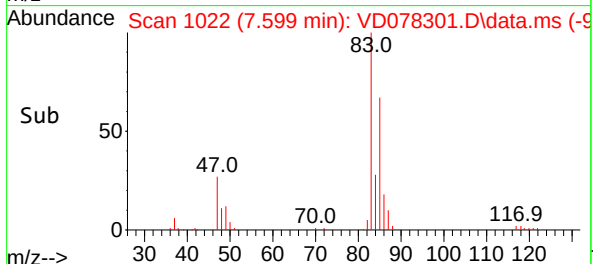
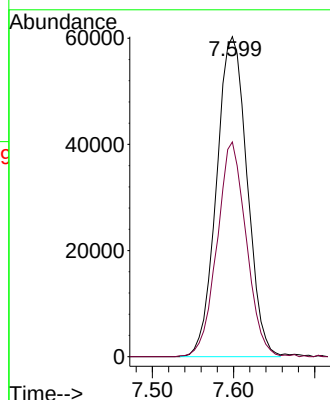
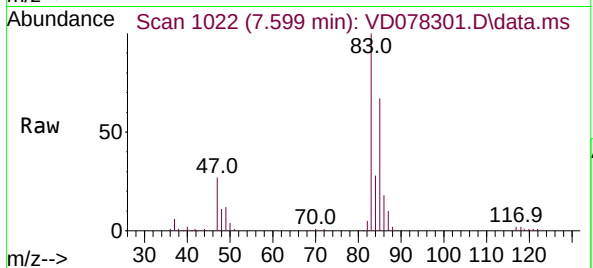
ClientSampleId :

Tgt Ion: 83 Resp: 157580

Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 23.423 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD078301.D

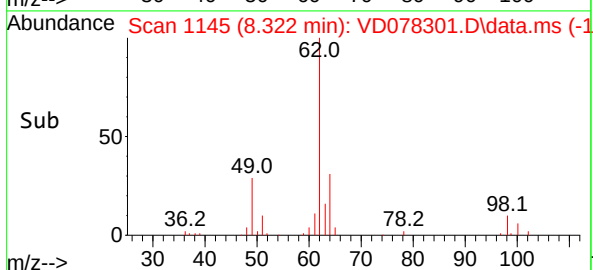
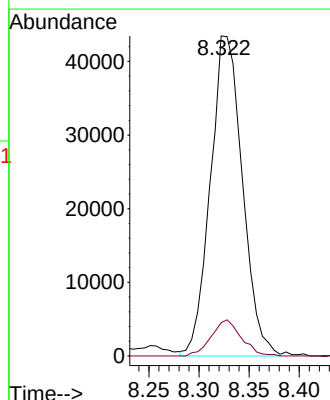
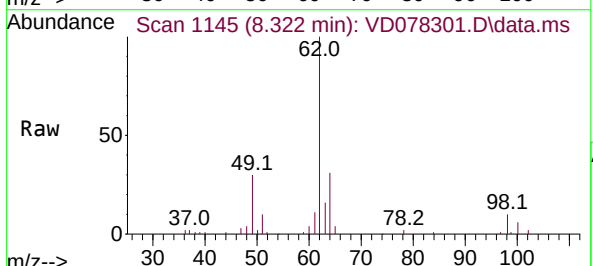
Acq: 01 Feb 2024 11:21

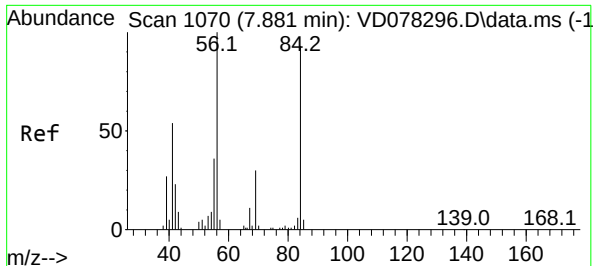
Tgt Ion: 62 Resp: 96768

Ion Ratio Lower Upper

62 100

98 10.4 9.5 14.3





#29

Cyclohexane

Concen: 27.323 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

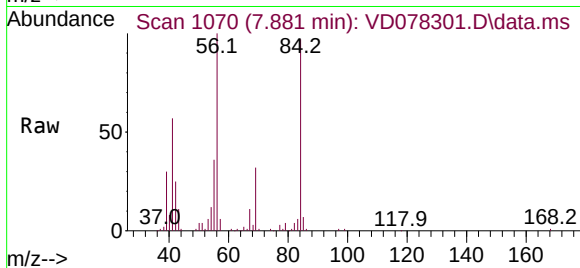
Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :



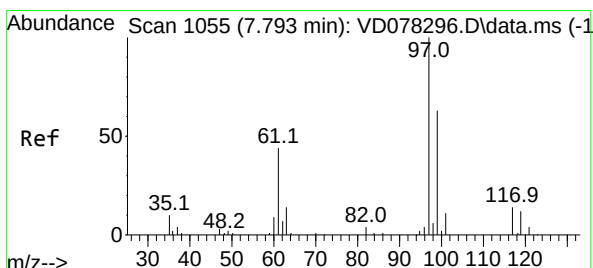
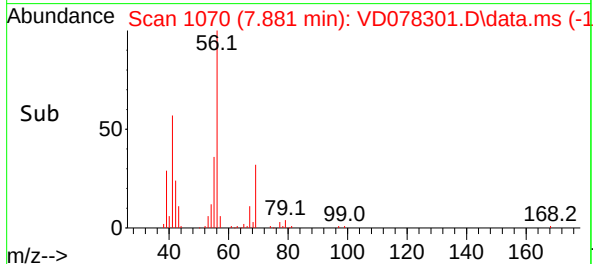
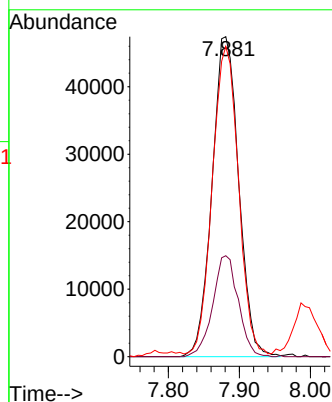
Tgt Ion: 56 Resp: 123492

Ion Ratio Lower Upper

56 100

69 30.1 23.3 34.9

84 96.0 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 25.330 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

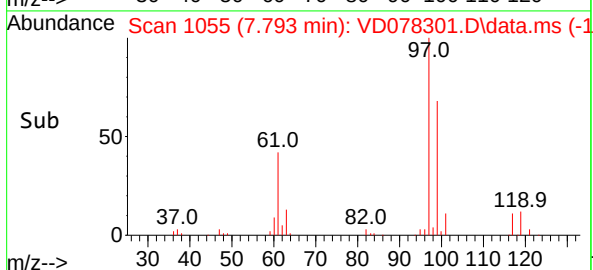
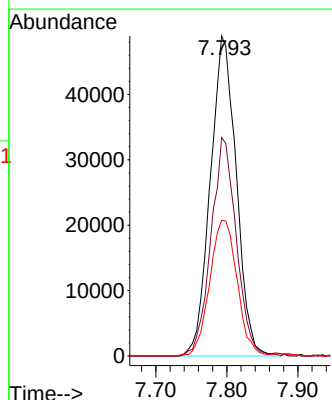
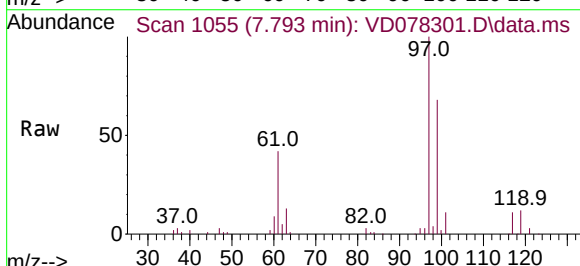
Tgt Ion: 97 Resp: 124142

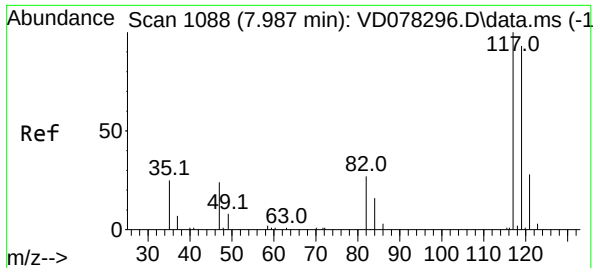
Ion Ratio Lower Upper

97 100

99 66.4 50.7 76.1

61 44.7 34.4 51.6

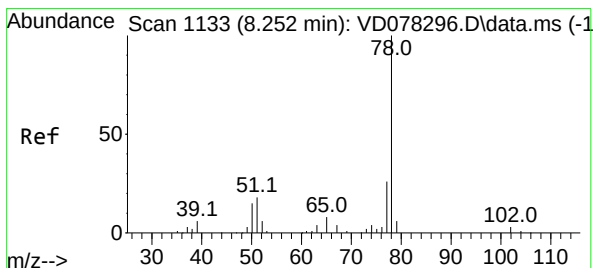
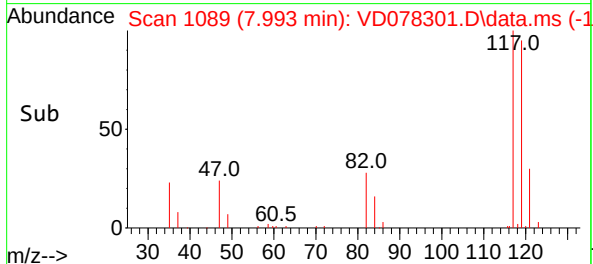
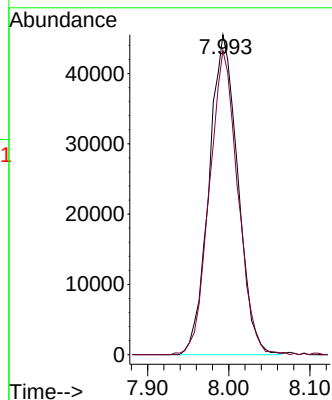
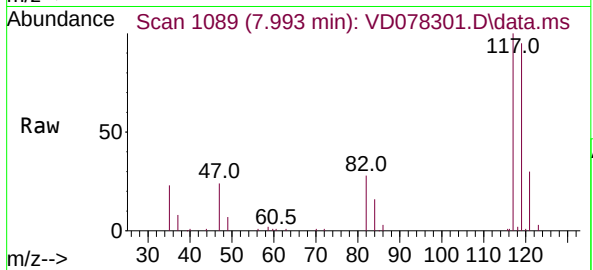




#31
Carbon tetrachloride
Concen: 25.961 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

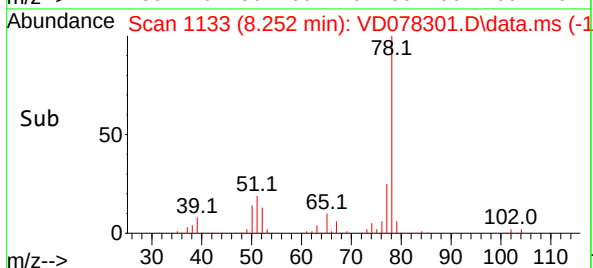
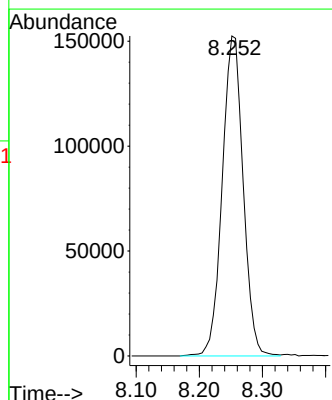
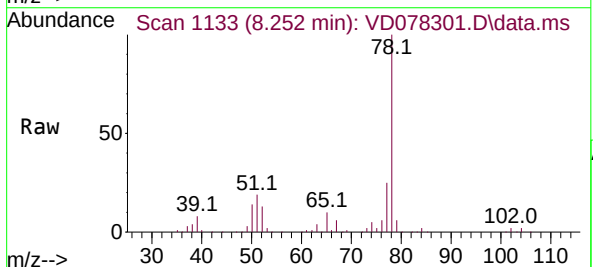
Instrument :
MSVOA_D
ClientSampleId :

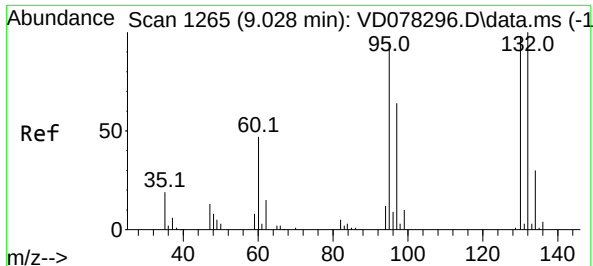
Tgt Ion:117 Resp: 112086
Ion Ratio Lower Upper
117 100
119 93.5 77.0 115.4



#33
Benzene
Concen: 26.074 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion: 78 Resp: 351286





#34

Trichloroethene

Concen: 24.849 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 84554

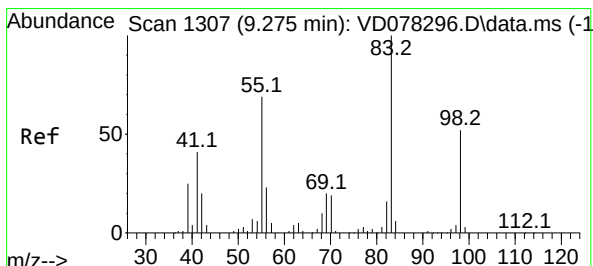
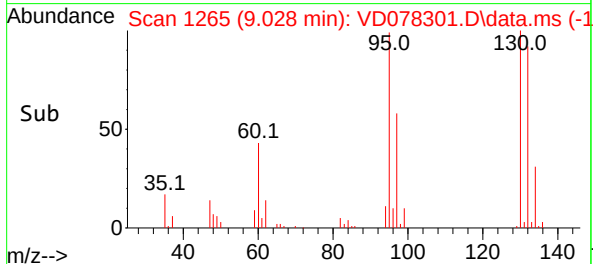
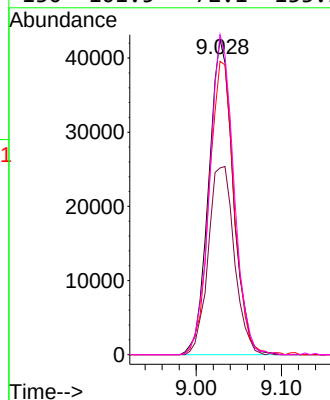
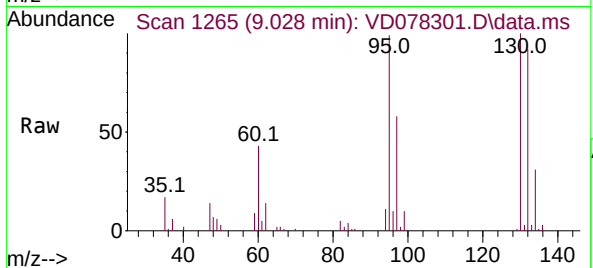
Ion Ratio Lower Upper

95 100

97 59.2 46.9 87.1

132 93.0 73.7 136.9

130 101.5 72.1 133.9



#35

Methylcyclohexane

Concen: 26.931 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

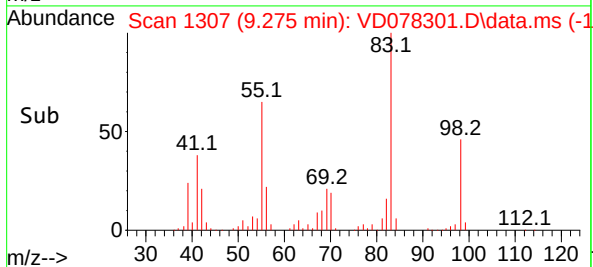
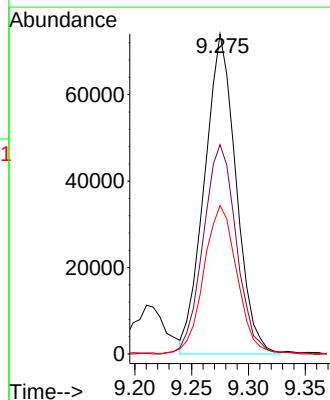
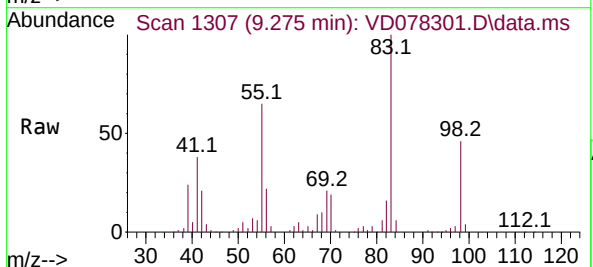
Tgt Ion: 83 Resp: 143394

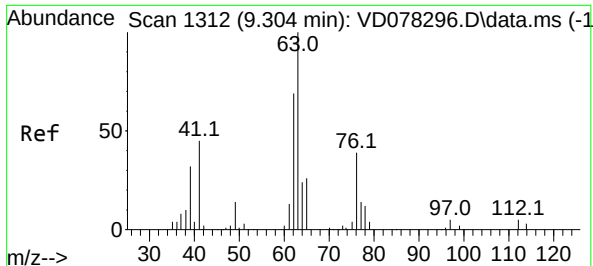
Ion Ratio Lower Upper

83 100

55 68.6 56.2 84.4

98 48.7 41.2 61.8





#37

1,2-Dichloropropane

Concen: 25.623 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

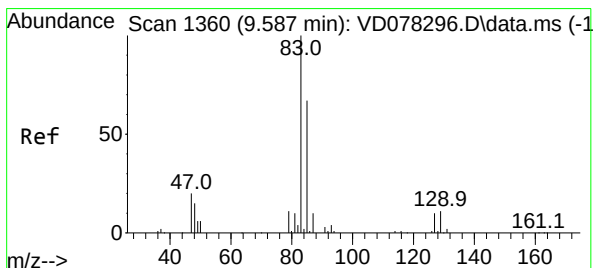
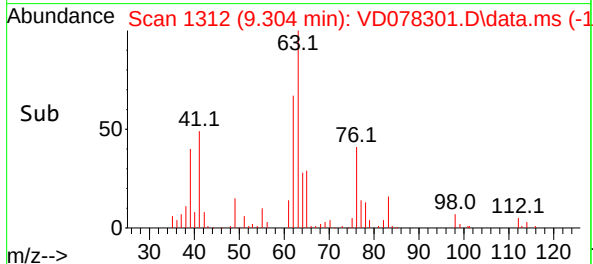
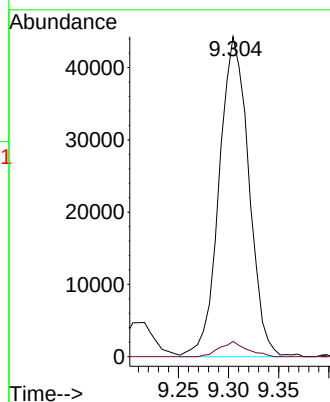
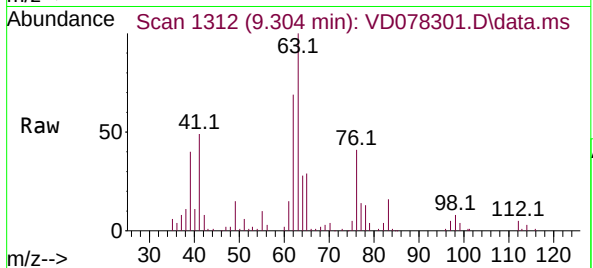
ClientSampleId :

Tgt Ion: 63 Resp: 90964

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 25.125 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

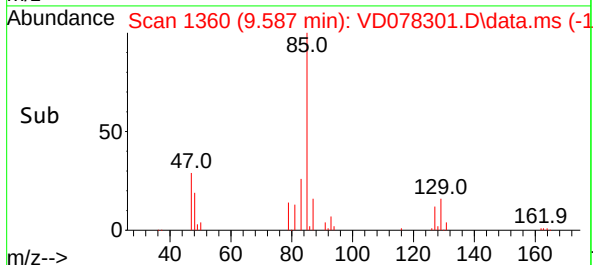
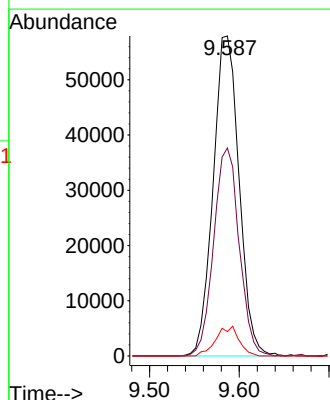
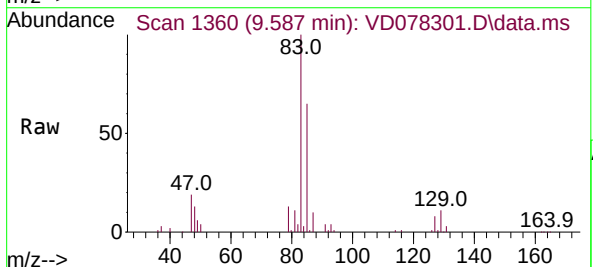
Tgt Ion: 83 Resp: 116376

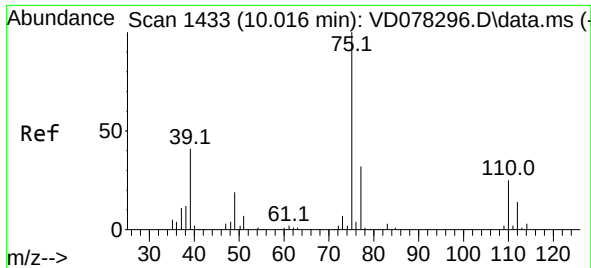
Ion Ratio Lower Upper

83 100

85 65.0 46.6 86.6

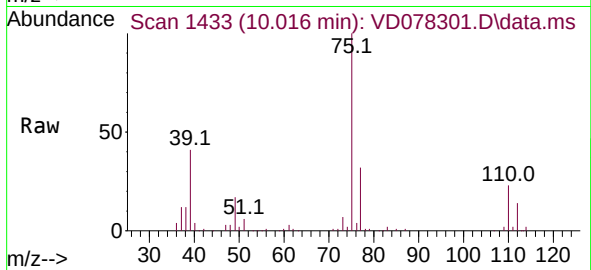
127 7.6 8.1 12.1#



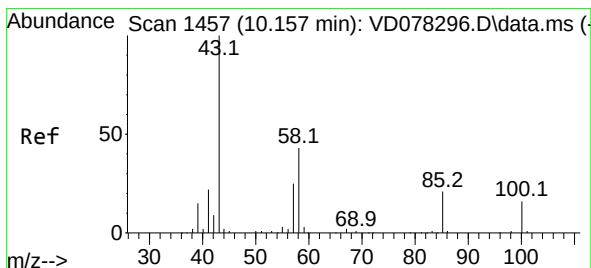
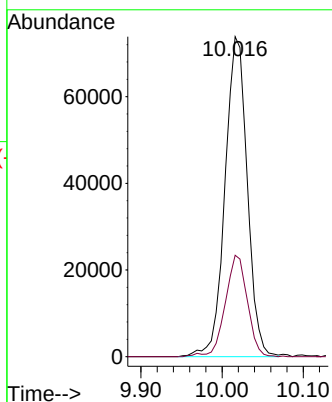
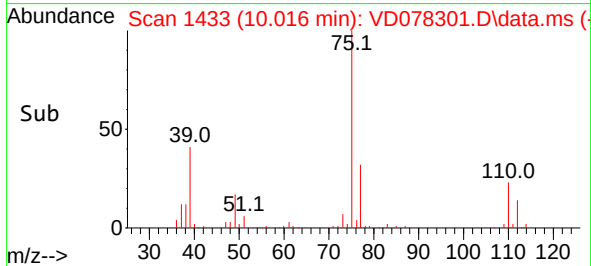


#39
 cis-1,3-Dichloropropene
 Concen: 25.436 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Instrument :
 MSVOA_D
 ClientSampleId :

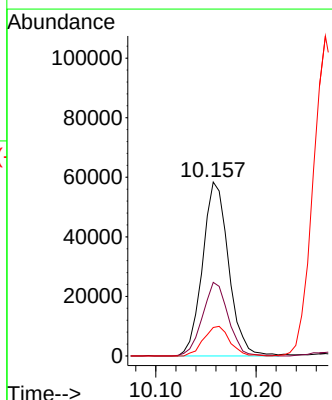
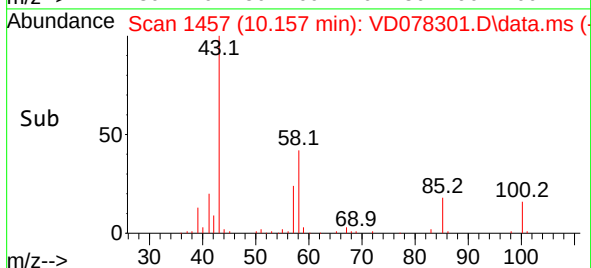
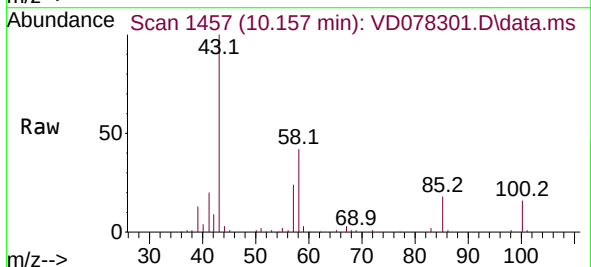


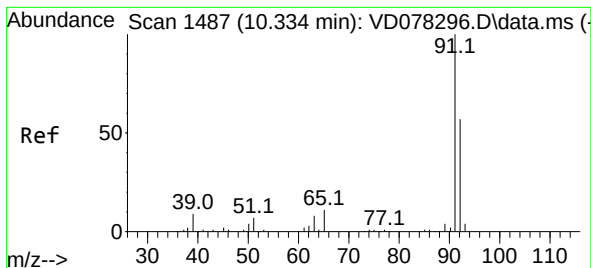
Tgt Ion: 75 Resp: 140557
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 47.855 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Tgt Ion: 43 Resp: 105511
 Ion Ratio Lower Upper
 43 100
 58 41.8 34.0 51.0
 100 16.8 13.2 19.8





#42

Toluene

Concen: 26.356 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

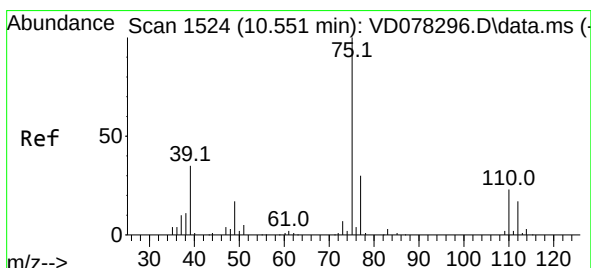
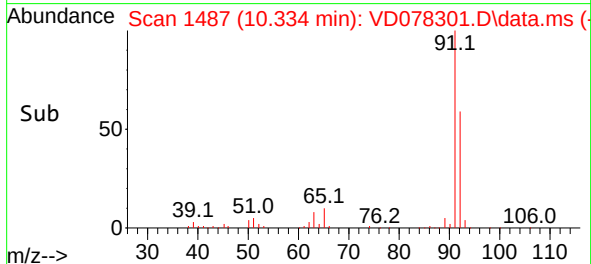
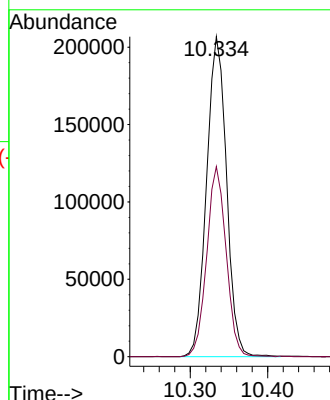
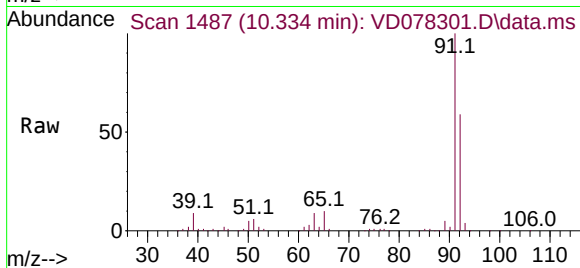
ClientSampleId :

Tgt Ion: 91 Resp: 369443

Ion Ratio Lower Upper

91 100

92 59.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.127 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078301.D

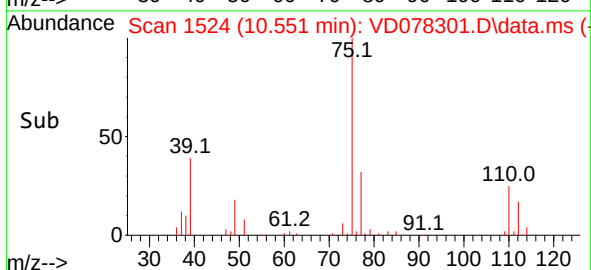
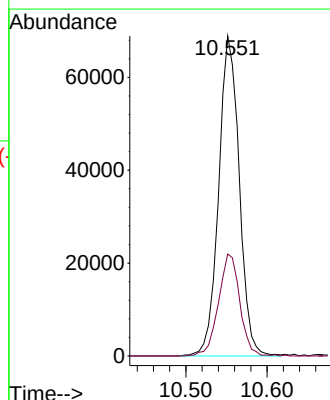
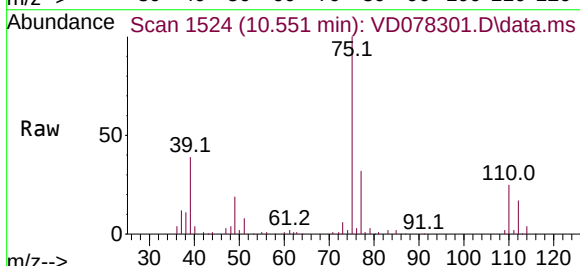
Acq: 01 Feb 2024 11:21

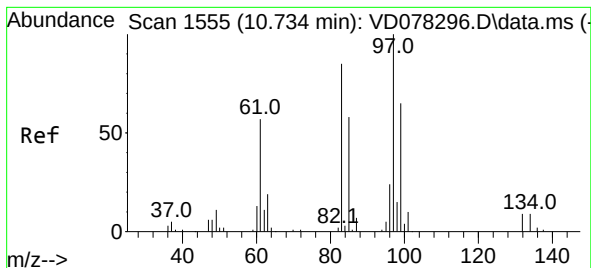
Tgt Ion: 75 Resp: 121482

Ion Ratio Lower Upper

75 100

77 31.9 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 24.624 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 69680

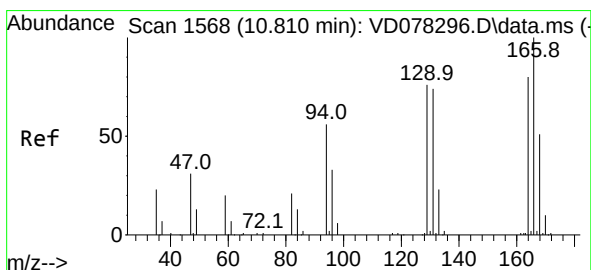
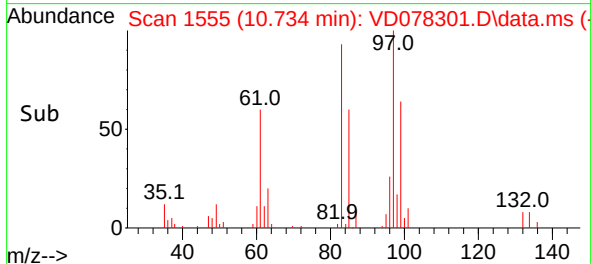
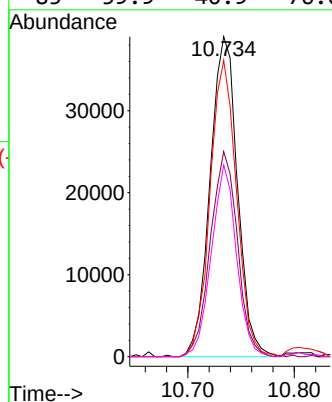
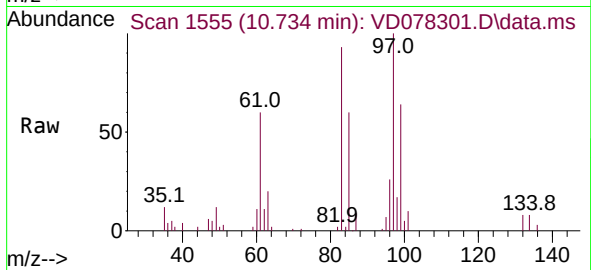
Ion Ratio Lower Upper

97 100

99 64.1 45.4 84.4

83 92.6 59.5 110.5

85 59.9 40.9 76.0



#46

Tetrachloroethene

Concen: 26.178 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Tgt Ion:164 Resp: 61165

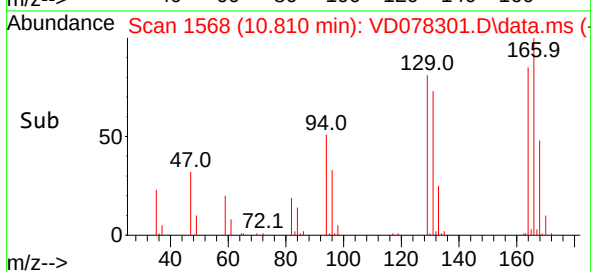
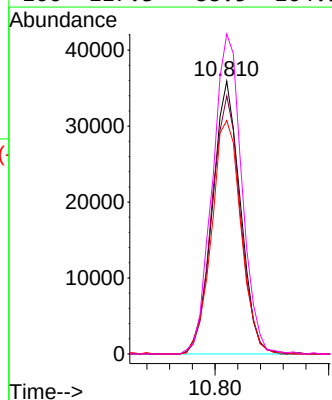
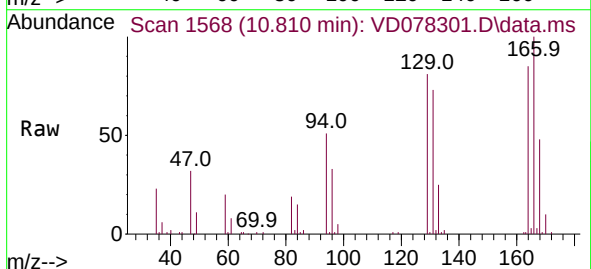
Ion Ratio Lower Upper

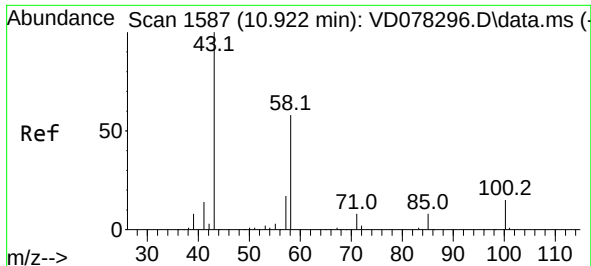
164 100

129 94.6 66.7 123.9

131 85.5 65.2 121.0

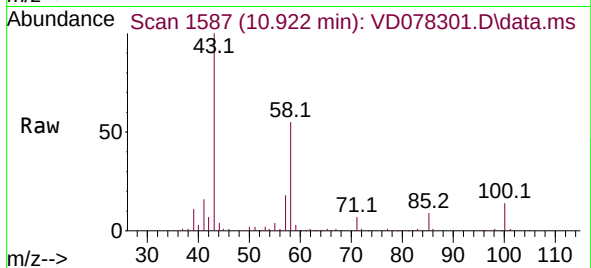
166 117.3 88.5 164.3



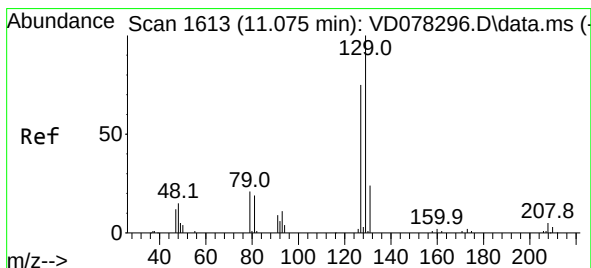
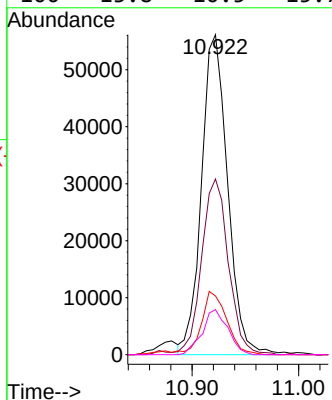
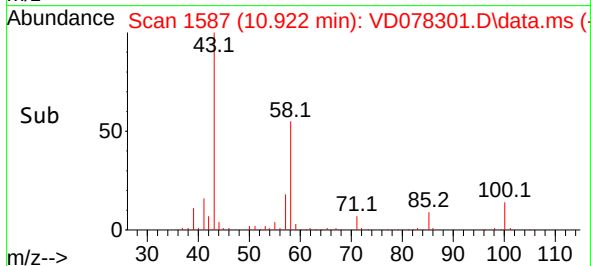


#48
2-Hexanone
Concen: 53.349 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

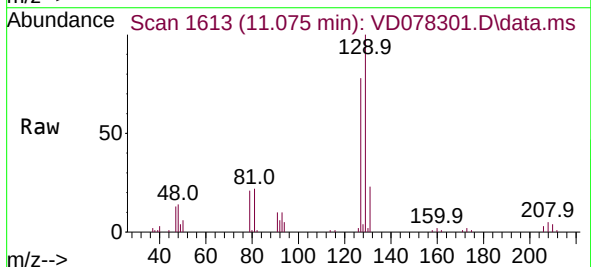
Instrument :
MSVOA_D
ClientSampleId :



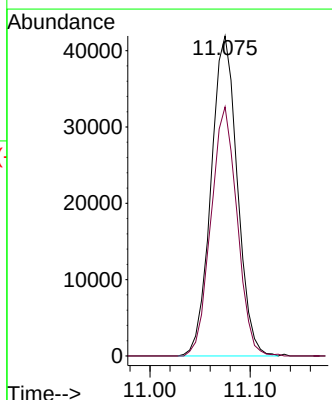
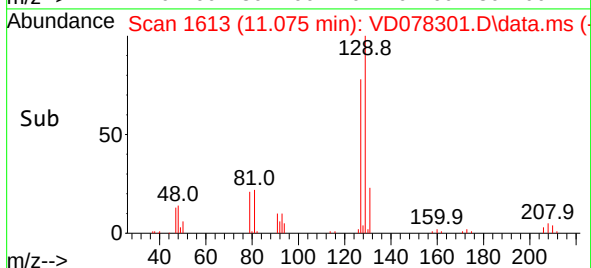
Tgt Ion:	43	Resp:	95944
Ion	Ratio	Lower	Upper
43	100		
58	56.3	48.5	72.7
57	18.7	15.6	23.4
100	13.8	10.5	15.7

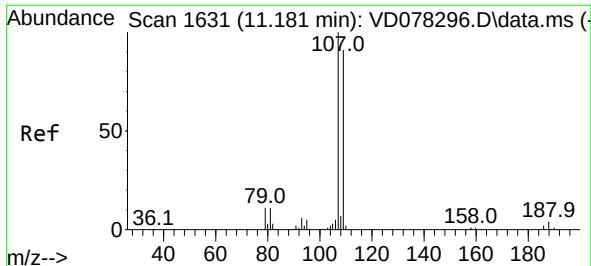


#49
Dibromochloromethane
Concen: 24.023 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21



Tgt Ion:	129	Resp:	76401
Ion	Ratio	Lower	Upper
129	100		
127	77.9	52.7	97.9

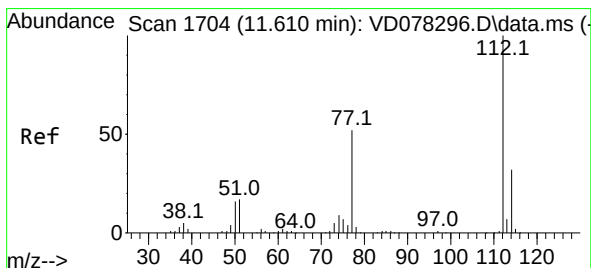
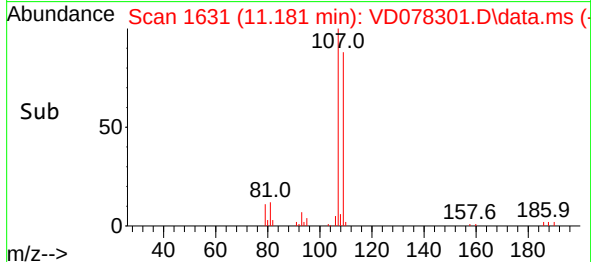
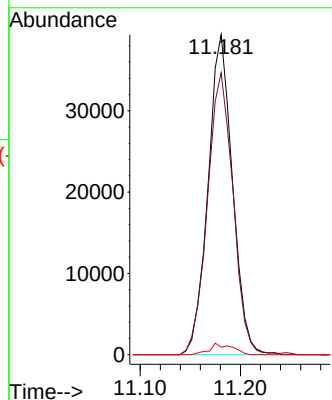
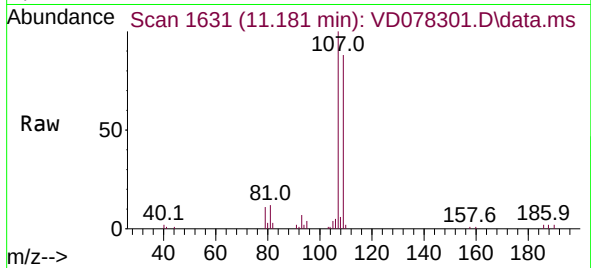




#50
1,2-Dibromoethane
Concen: 24.198 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

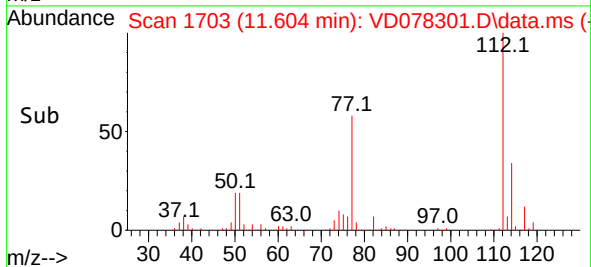
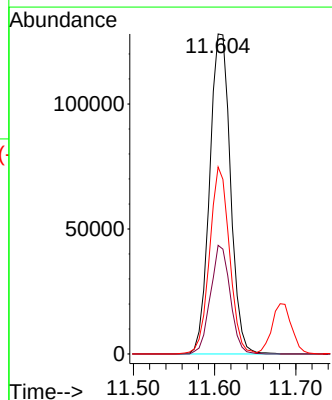
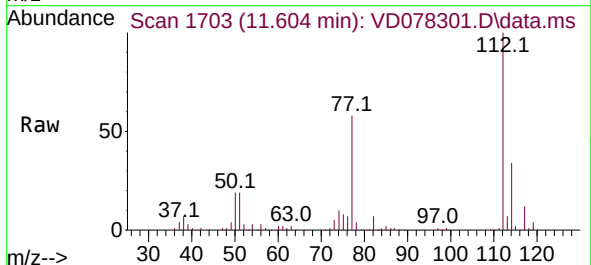
Instrument :
MSVOA_D
ClientSampleId :

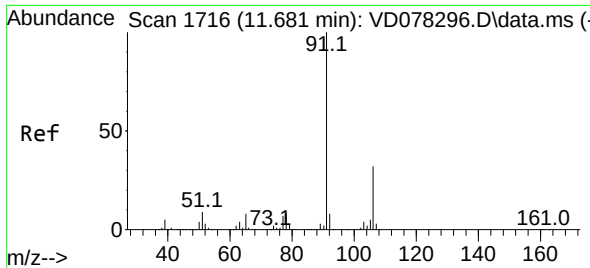
Tgt Ion:107 Resp: 66793
Ion Ratio Lower Upper
107 100
109 88.1 64.0 118.8
188 2.4 3.1 4.7#



#51
Chlorobenzene
Concen: 25.070 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:112 Resp: 227533
Ion Ratio Lower Upper
112 100
114 33.9 22.3 41.3
77 58.5 42.3 63.5

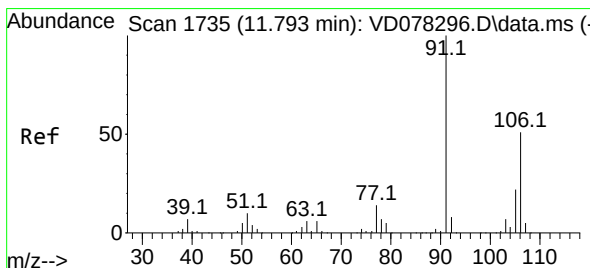
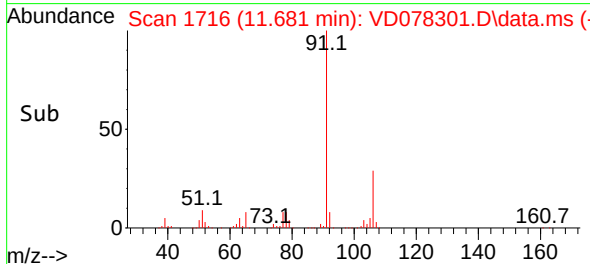
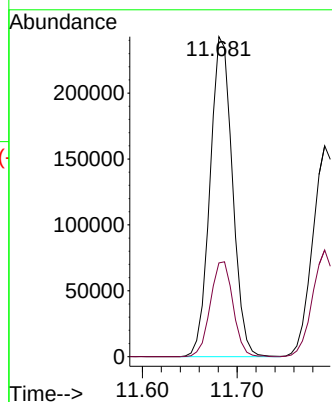
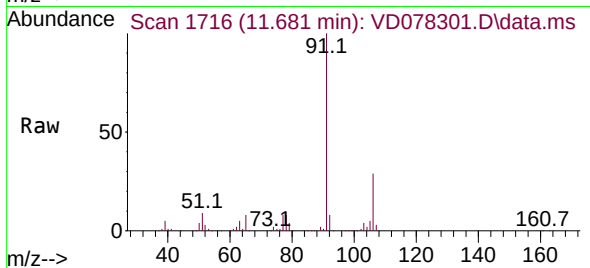




#52
Ethylbenzene
Concen: 26.526 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

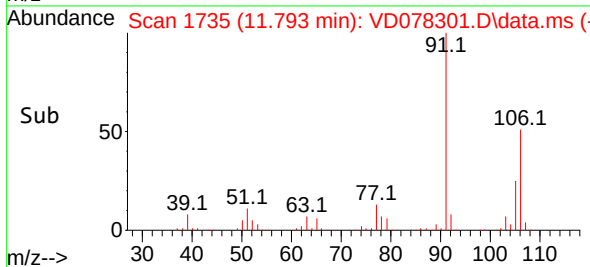
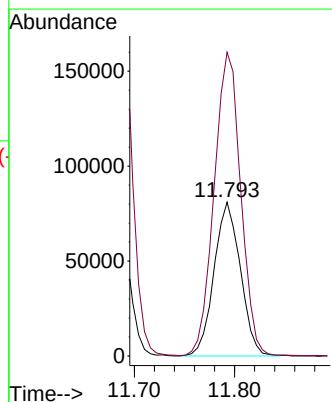
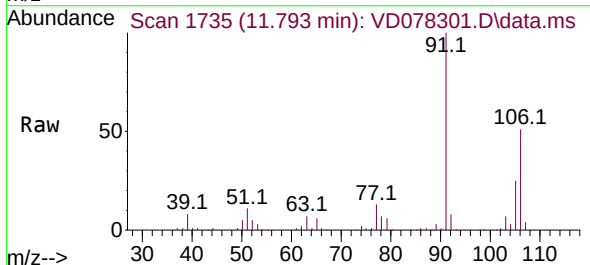
Instrument :
MSVOA_D
ClientSampleId :

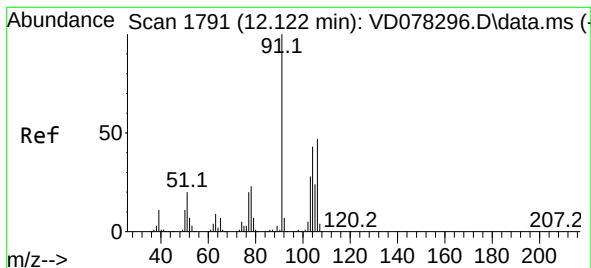
Tgt Ion: 91 Resp: 399410
Ion Ratio Lower Upper
91 100
106 29.3 22.5 41.7



#53
m,p-Xylene
Concen: 25.508 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:106 Resp: 147613
Ion Ratio Lower Upper
106 100
91 197.6 138.3 256.8

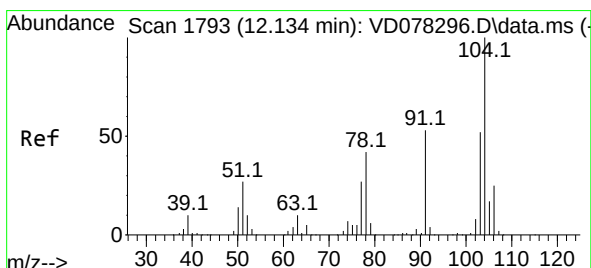
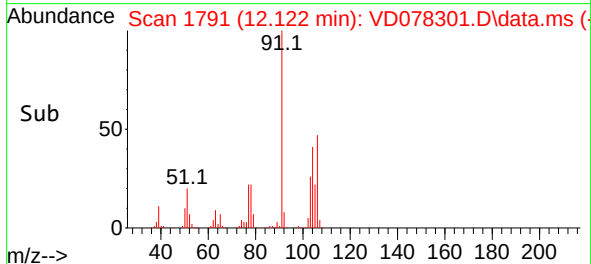
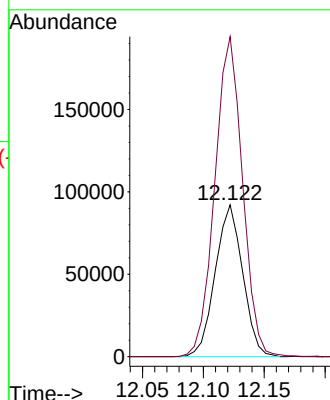
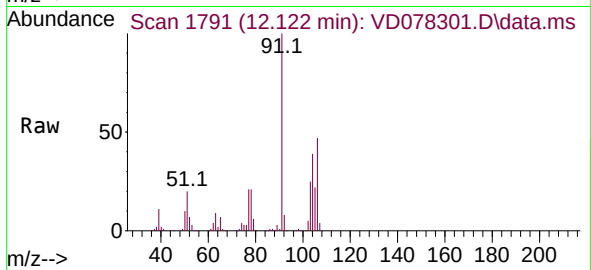




#54
o-Xylene
Concen: 25.911 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

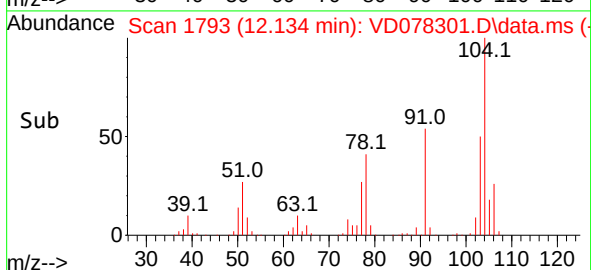
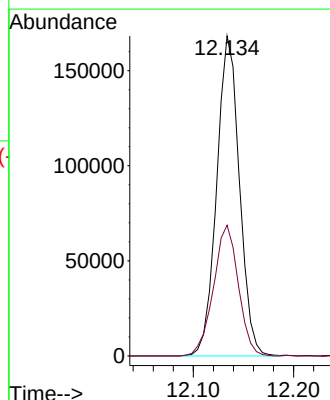
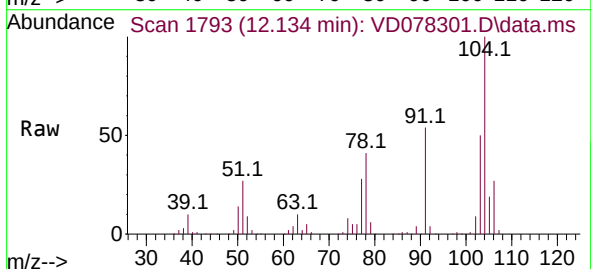
Instrument :
MSVOA_D
ClientSampleId :

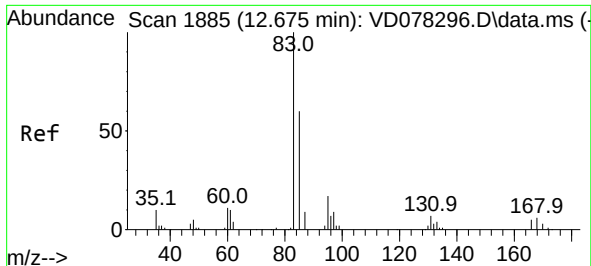
Tgt Ion:106 Resp: 144594
Ion Ratio Lower Upper
106 100
91 210.7 148.0 274.8



#55
Styrene
Concen: 26.334 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:104 Resp: 265085
Ion Ratio Lower Upper
104 100
78 40.9 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.552 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

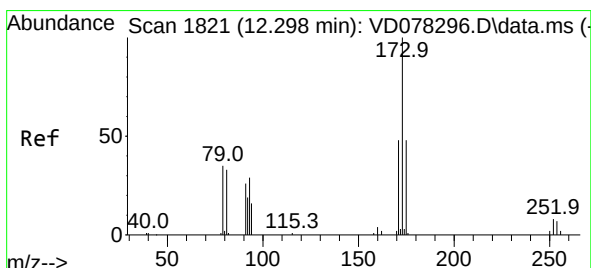
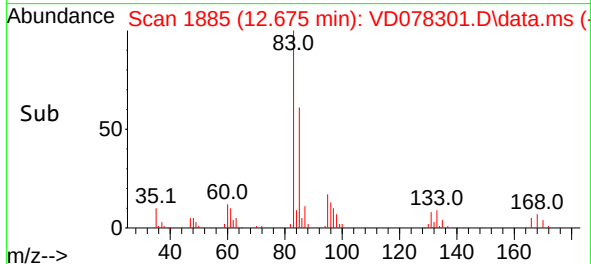
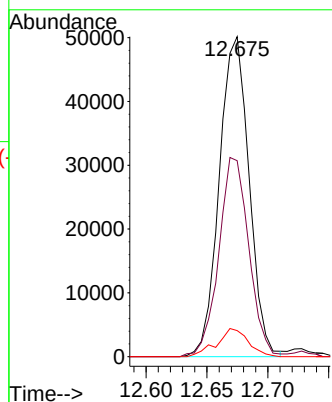
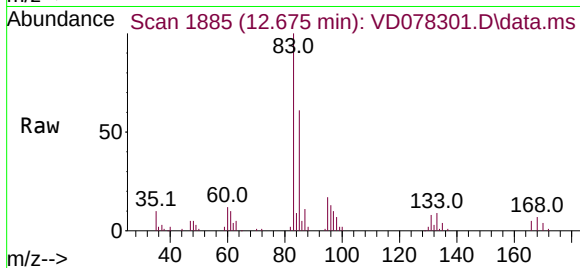
Tgt Ion: 83 Resp: 85390

Ion Ratio Lower Upper

83 100

85 61.3 42.6 79.0

131 8.2 6.0 9.0



#59

Bromoform

Concen: 23.648 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

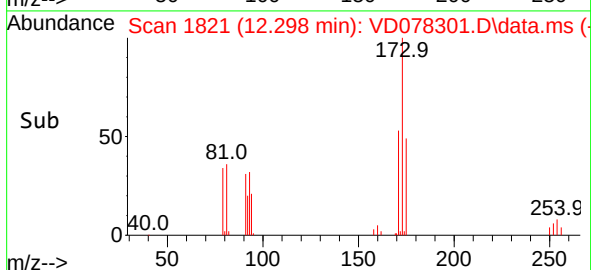
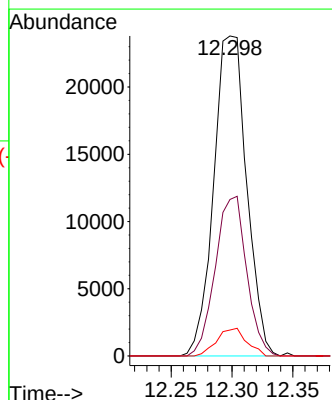
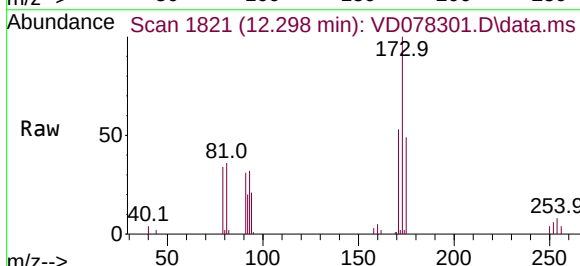
Tgt Ion:173 Resp: 44889

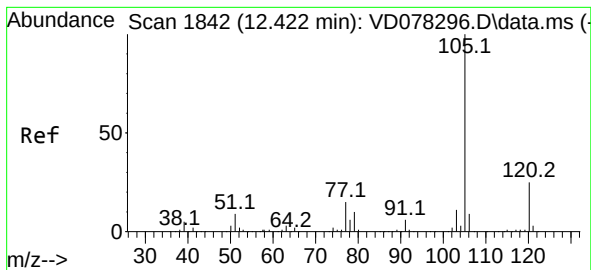
Ion Ratio Lower Upper

173 100

175 47.3 40.2 60.4

254 7.8 6.6 9.8





#60

Isopropylbenzene

Concen: 26.390 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

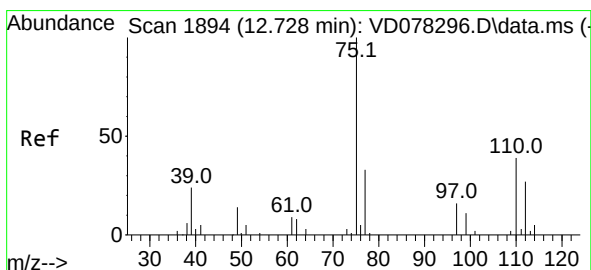
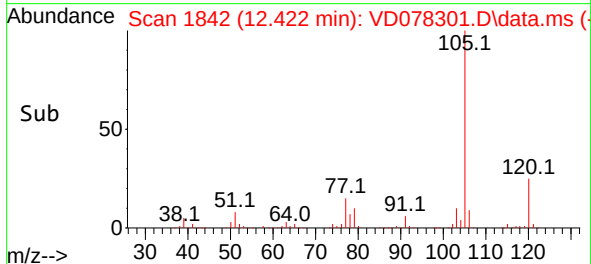
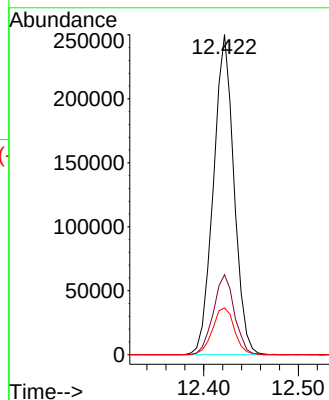
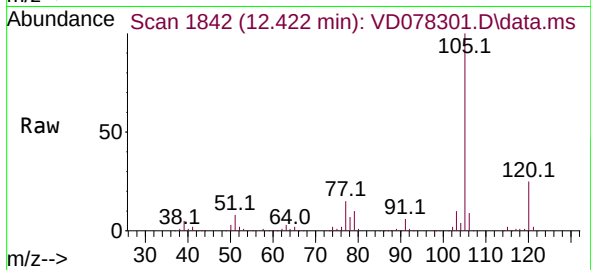
Tgt Ion:105 Resp: 377249

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 15.6 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 23.583 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

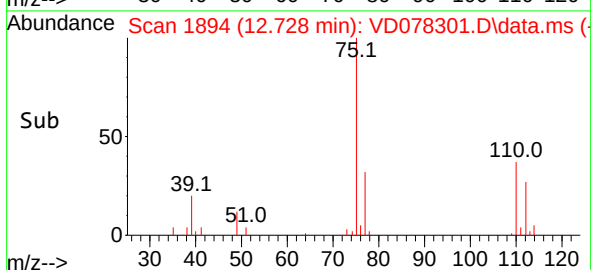
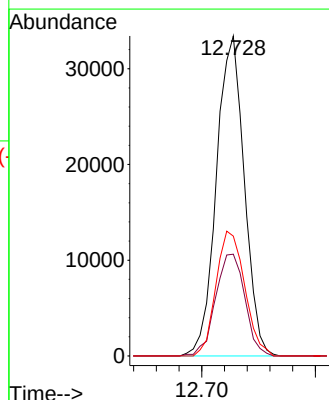
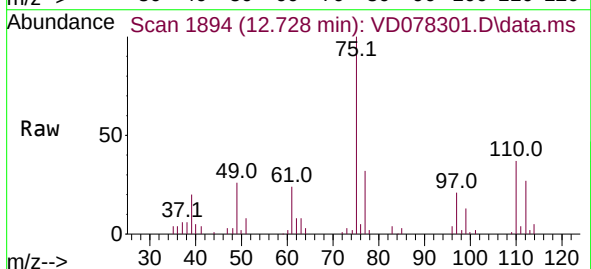
Tgt Ion: 75 Resp: 56911

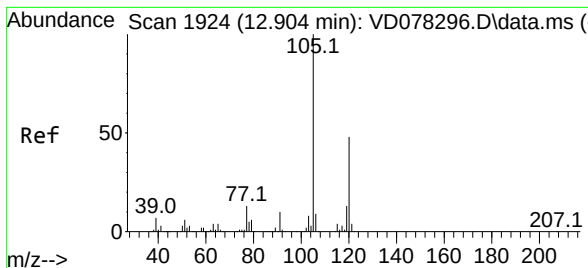
Ion Ratio Lower Upper

75 100

77 33.5 26.5 39.7

110 40.1 31.8 47.8

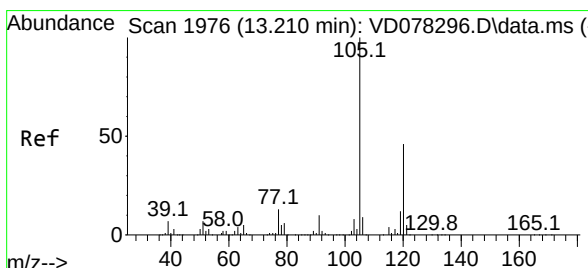
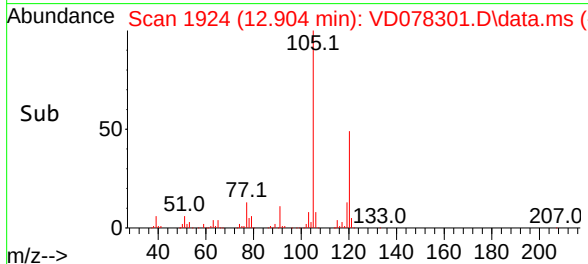
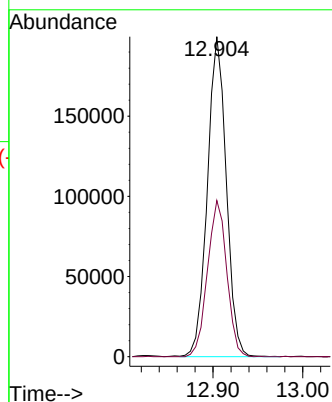
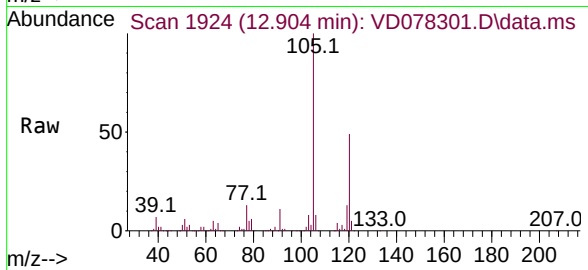




#62
1,3,5-Trimethylbenzene
Concen: 26.104 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

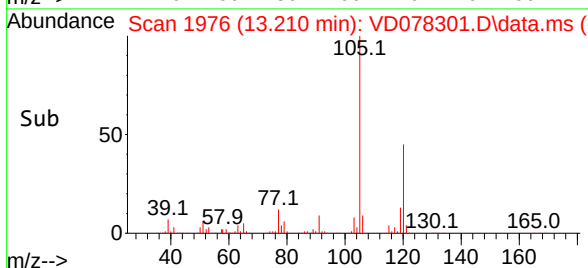
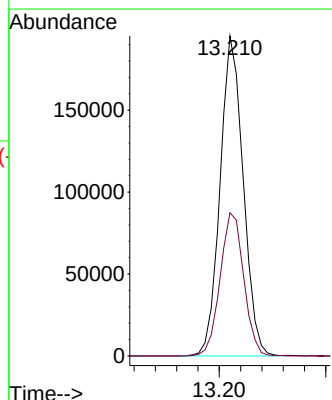
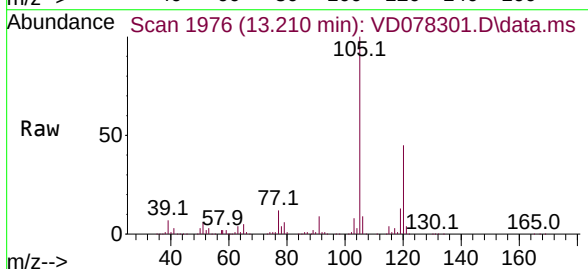
Instrument :
MSVOA_D
ClientSampleId :

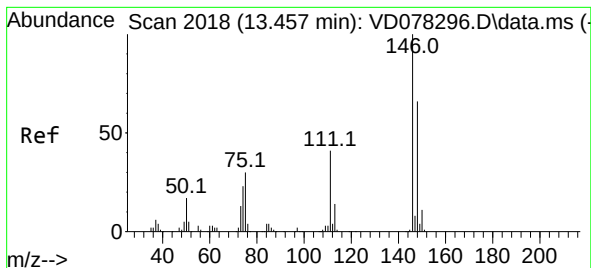
Tgt Ion:105 Resp: 291894
Ion Ratio Lower Upper
105 100
120 49.7 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 26.492 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Tgt Ion:105 Resp: 293406
Ion Ratio Lower Upper
105 100
120 45.7 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 25.750 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

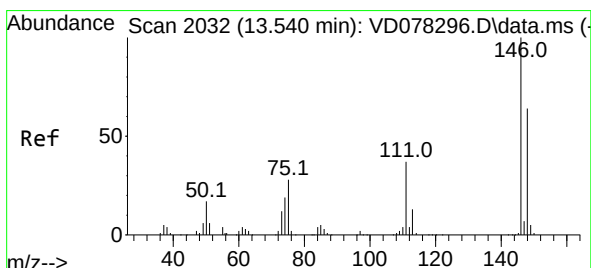
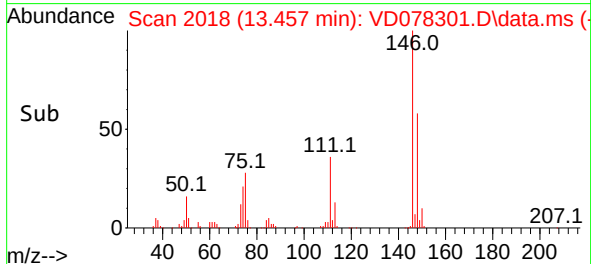
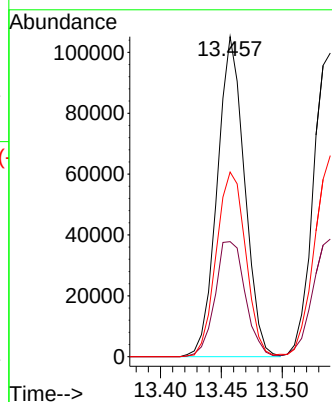
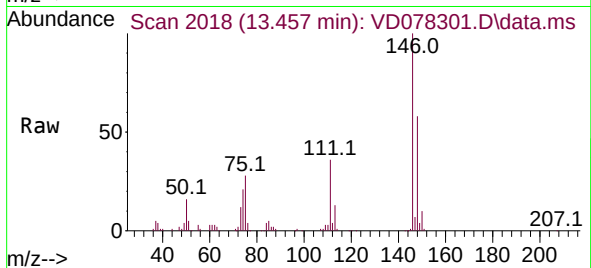
Tgt Ion:146 Resp: 164263

Ion Ratio Lower Upper

146 100

111 36.0 28.6 53.0

148 57.7 46.5 86.3



#65

1,4-Dichlorobenzene

Concen: 24.921 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

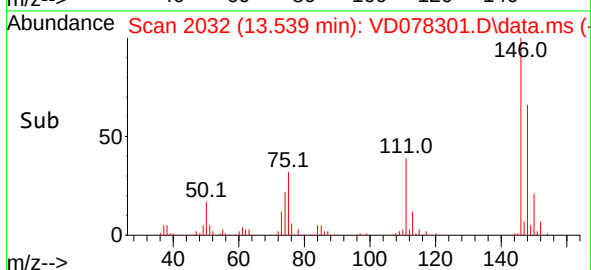
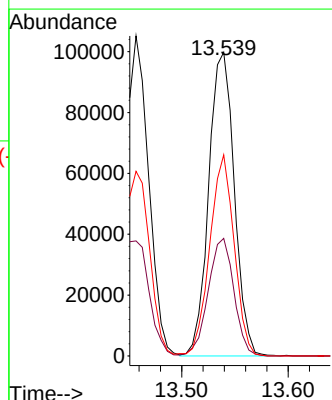
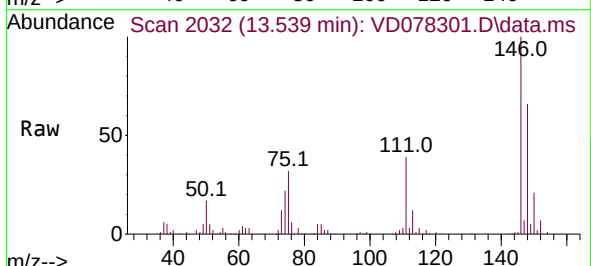
Tgt Ion:146 Resp: 166431

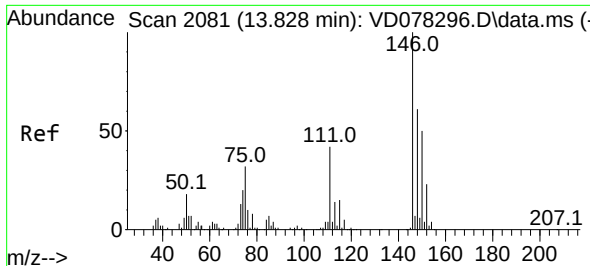
Ion Ratio Lower Upper

146 100

111 38.7 26.4 49.0

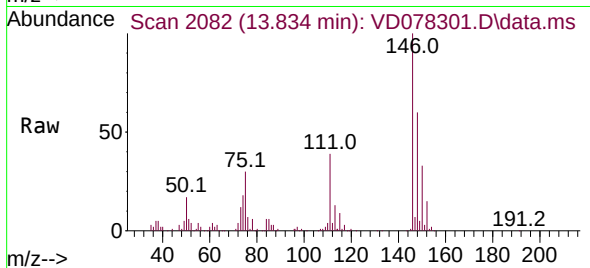
148 66.2 44.5 82.7



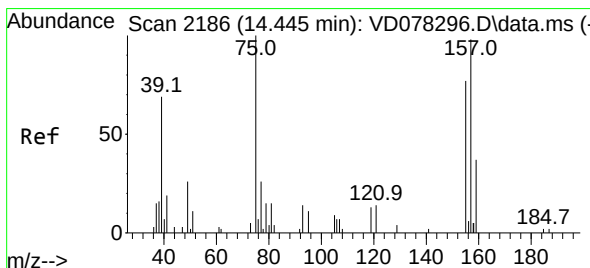
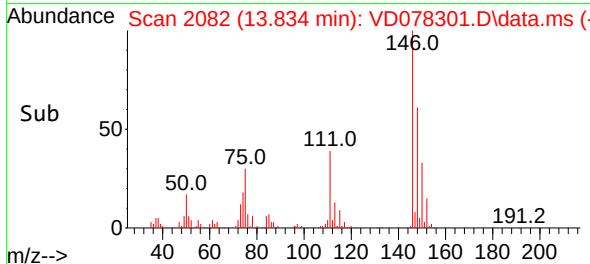
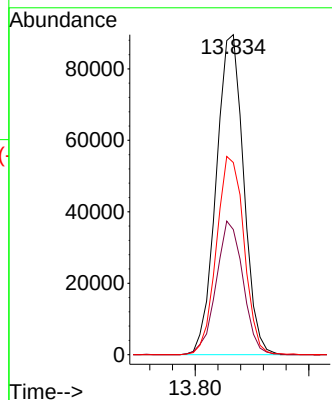


#67
1,2-Dichlorobenzene
Concen: 24.912 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

Instrument :
MSVOA_D
ClientSampleId :

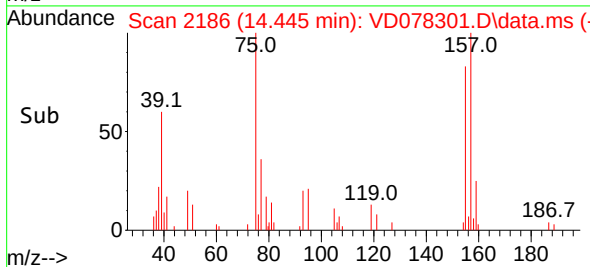
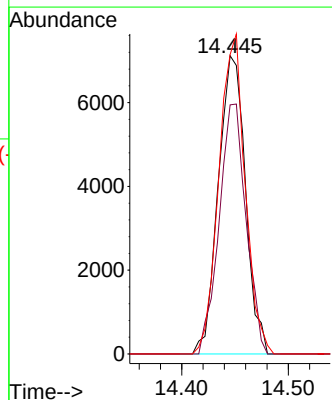
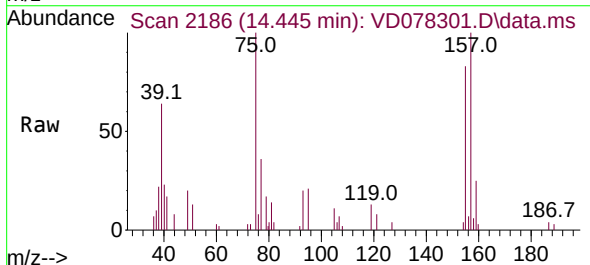


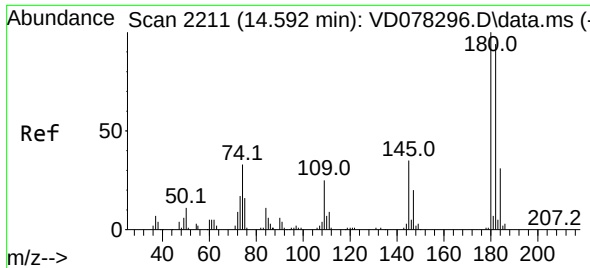
Tgt Ion:146 Resp: 150323
Ion Ratio Lower Upper
146 100
111 39.1 33.6 50.4
148 60.1 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.483 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078301.D
Acq: 01 Feb 2024 11:21

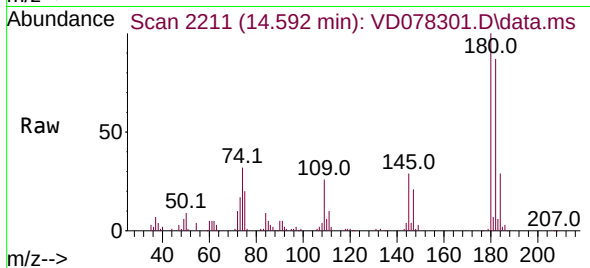
Tgt Ion: 75 Resp: 12556
Ion Ratio Lower Upper
75 100
155 83.5 61.6 92.4
157 100.3 78.1 117.1



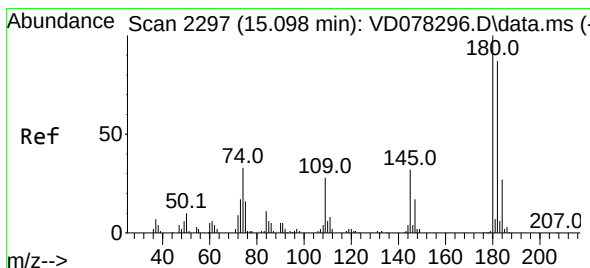
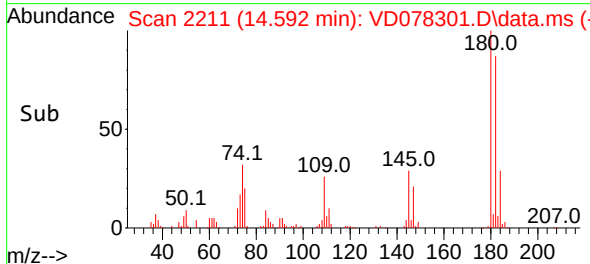
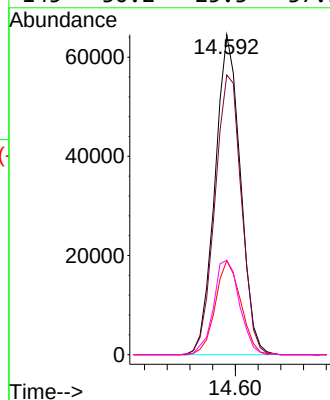


#69
 1,3,5-Trichlorobenzene
 Concen: 25.518 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Instrument :
 MSVOA_D
 ClientSampleId :

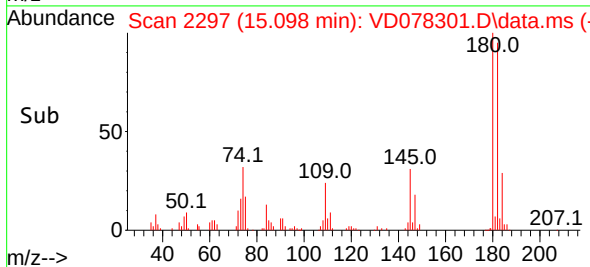
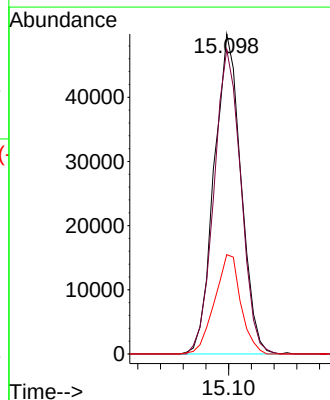
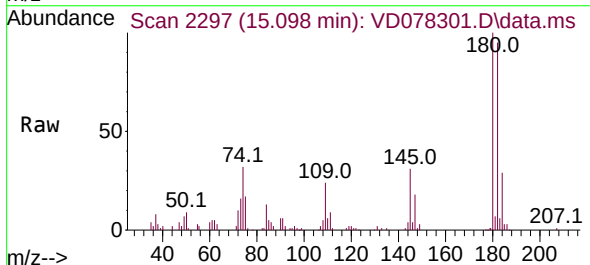


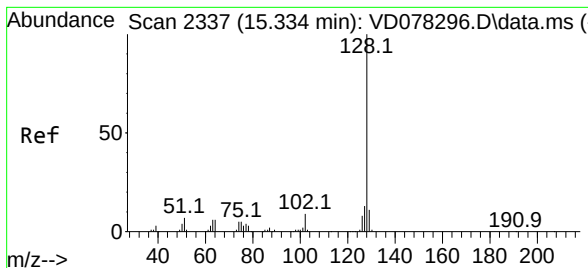
Tgt Ion:180 Resp: 100290
 Ion Ratio Lower Upper
 180 100
 182 91.1 75.6 113.4
 184 29.3 23.2 34.8
 145 30.2 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 24.125 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078301.D
 Acq: 01 Feb 2024 11:21

Tgt Ion:180 Resp: 81953
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.4
 145 30.3 25.0 37.6





#71

Naphthalene

Concen: 23.825 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078301.D

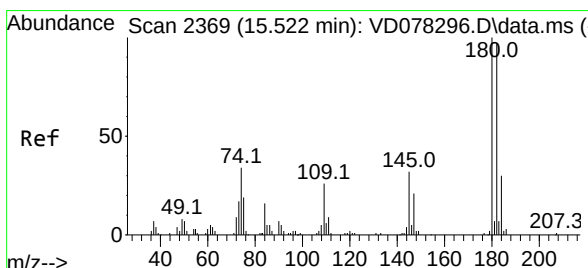
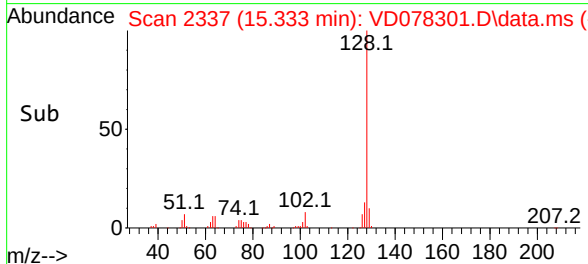
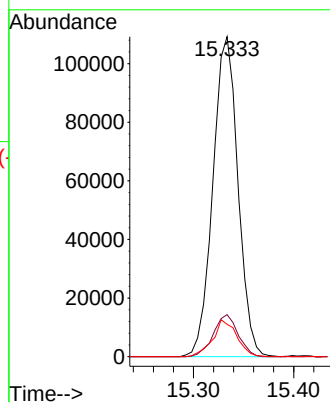
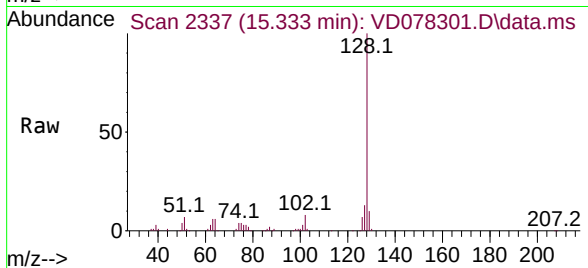
Acq: 01 Feb 2024 11:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp: 189476
Ion Ratio	Lower Upper
128	100
127	13.0 11.0 16.4
129	11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.401 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078301.D

Acq: 01 Feb 2024 11:21

Tgt Ion:180	Resp: 77379
Ion Ratio	Lower Upper
180	100
182	93.1 75.4 113.0
145	32.3 26.8 40.2

