

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101222\
 Data File : VW028525.D
 Acq On : 12 Oct 2022 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050359

Quant Time: Oct 13 02:54:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	324506	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	291585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	157053	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135761	54.220	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108.440%		
7) Chloroethane-d5	1.564	69	97408	49.062	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 98.120%		
11) 1,1-Dichloroethene-d2	2.101	63	221840	52.057	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.120%		
21) 2-Butanone-d5	3.886	46	224684	102.506	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.510%		
24) Chloroform-d	4.336	84	272040	59.239	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 118.480%		
26) 1,2-Dichloroethane-d4	5.021	65	185659	62.688	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 125.380%#		
32) Benzene-d6	5.040	84	529082	56.626	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.260%		
36) 1,2-Dichloropropane-d6	6.059	67	161298	52.948	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 105.900%		
41) Toluene-d8	7.307	98	480319	57.419	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 114.840%		
43) trans-1,3-Dichloroprop...	7.612	79	89947	57.928	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.860%		
47) 2-Hexanone-d5	8.082	63	161768	97.618	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 97.620%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	201344	48.300	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 96.600%		
66) 1,2-Dichlorobenzene-d4	11.612	152	172182	52.910	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 105.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	138476	56.676	ug/L	99
3) Chloromethane	1.236	50	120377	43.764	ug/L	99
5) Vinyl chloride	1.307	62	119130	43.157	ug/L	99
6) Bromomethane	1.519	94	56940	45.239	ug/L	100
8) Chloroethane	1.580	64	71324	42.565	ug/L	97
9) Trichlorofluoromethane	1.748	101	188394	55.225	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	89457	46.269	ug/L	94
12) 1,1-Dichloroethene	2.111	96	85125	44.849	ug/L	86
13) Acetone	2.185	43	172959	101.863	ug/L	85
14) Carbon disulfide	2.288	76	314083	51.742	ug/L	99
15) Methyl Acetate	2.432	43	138933	48.462	ug/L	99
16) Methylene chloride	2.500	84	128595	52.135	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	117901	53.255	ug/L	97
18) Methyl tert-butyl Ether	2.760	73	454581	55.855	ug/L	96
19) 1,1-Dichloroethane	3.178	63	243231	53.782	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	134540	53.345	ug/L	99
22) 2-Butanone	3.969	43	222654	99.470	ug/L	93
23) Bromochloromethane	4.239	128	66869	54.557	ug/L	94
25) Chloroform	4.362	83	244726	55.429	ug/L	98

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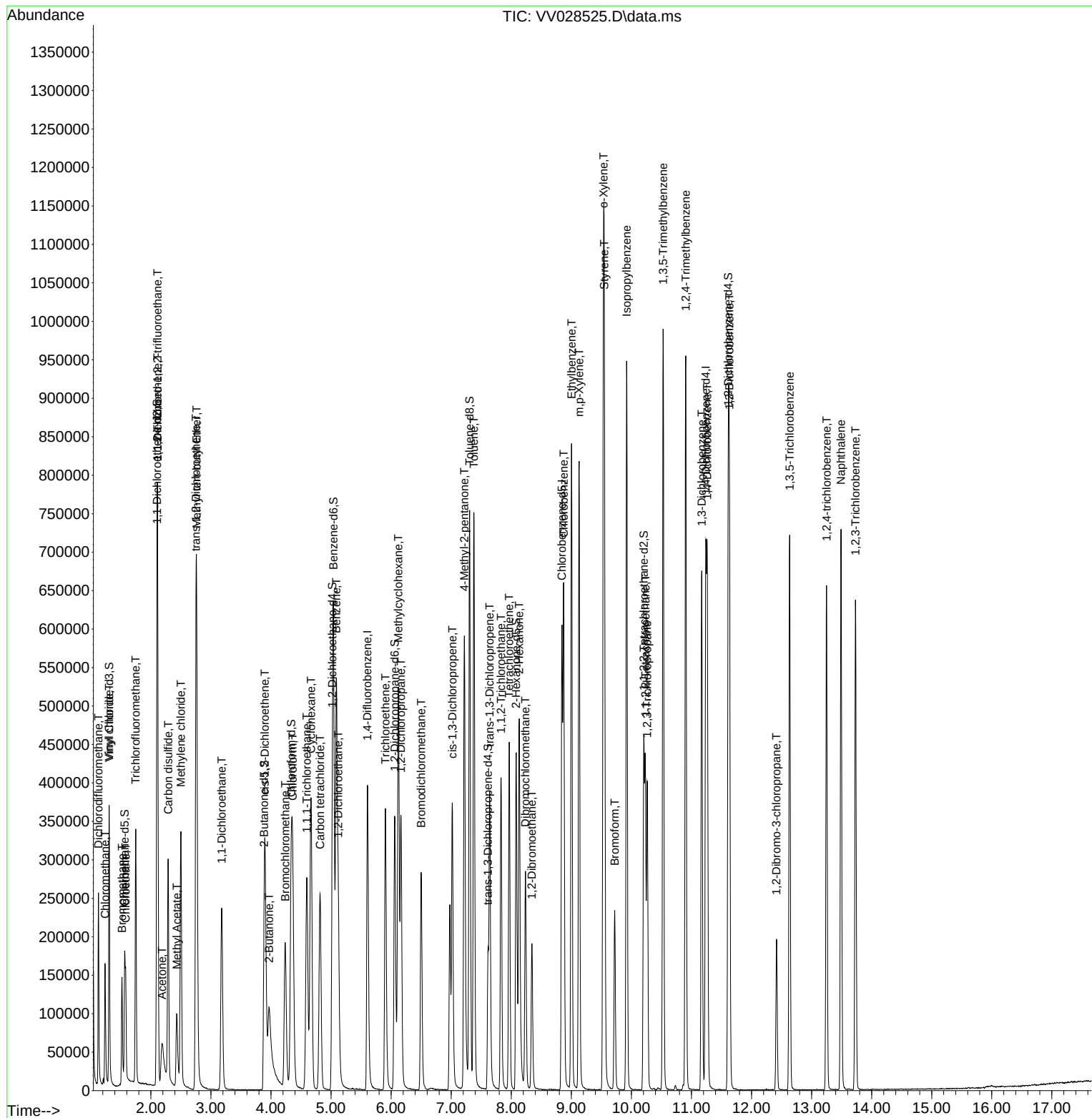
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	202563	59.880	ug/L	98
29) Cyclohexane	4.667	56	213248	50.846	ug/L	96
30) 1,1,1-Trichloroethane	4.596	97	222447	59.054	ug/L	98
31) Carbon tetrachloride	4.818	117	191741	60.808	ug/L	97
33) Benzene	5.088	78	503471	52.500	ug/L	100
34) Trichloroethene	5.905	95	124200	52.206	ug/L	98
35) Methylcyclohexane	6.120	83	212209	51.307	ug/L	98
37) 1,2-Dichloropropane	6.165	63	127661	49.653	ug/L	100
38) Bromodichloromethane	6.500	83	183950	54.917	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	221741	54.213	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	433937	98.960	ug/L	98
42) Toluene	7.378	91	526026	53.215	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	215152	54.809	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	120000	50.391	ug/L	99
46) Tetrachloroethene	7.966	164	95596	55.923	ug/L	97
48) 2-Hexanone	8.133	43	335136	99.557	ug/L	98
49) Dibromochloromethane	8.236	129	136246	53.227	ug/L	98
50) 1,2-Dibromoethane	8.342	107	120903	49.033	ug/L	100
51) Chlorobenzene	8.873	112	321835	51.894	ug/L	99
52) Ethylbenzene	9.005	91	575056	53.375	ug/L	100
53) m,p-Xylene	9.130	106	216589	53.038	ug/L	99
54) o-Xylene	9.535	106	211701	51.775	ug/L	95
55) Styrene	9.551	104	373650	53.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	189766	46.531	ug/L	99
59) Bromoform	9.722	173	96786	49.765	ug/L	99
60) Isopropylbenzene	9.921	105	577985	51.072	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	153858	46.017	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	509184	51.949	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	499466	51.338	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	257417	52.005	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	254031	51.432	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	254930	51.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	48803	47.698	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	203938	54.246	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	184171	55.579	ug/L	100
71) Naphthalene	13.490	128	538920	52.289	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	180040	55.728	ug/L	99

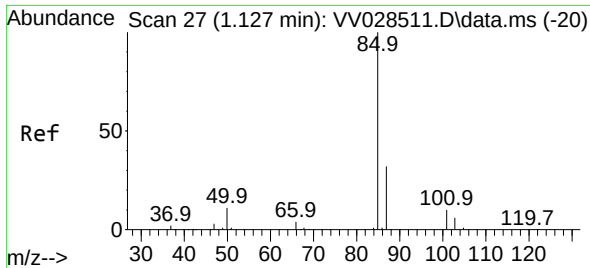
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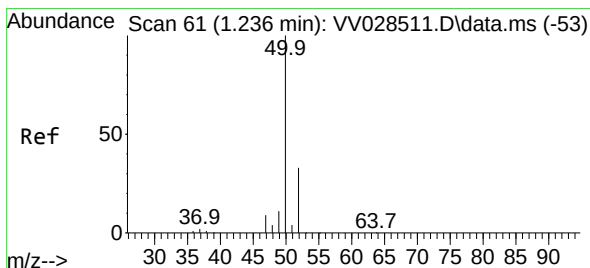
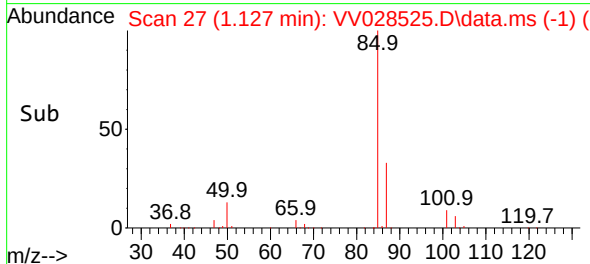
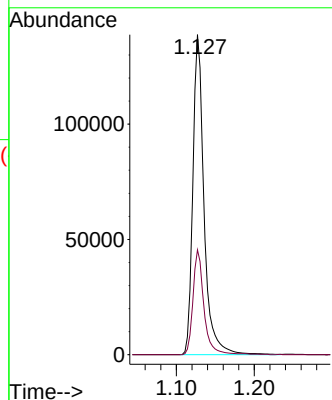
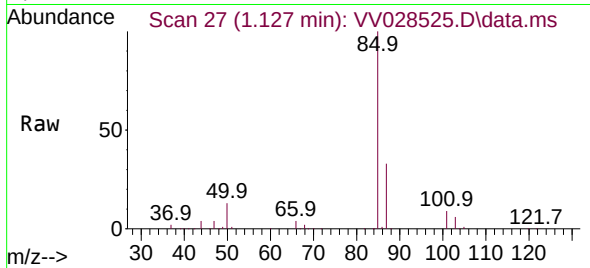




#2
 Dichlorodifluoromethane
 Concen: 56.676 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV028525.D
 Acq: 12 Oct 2022 11:24

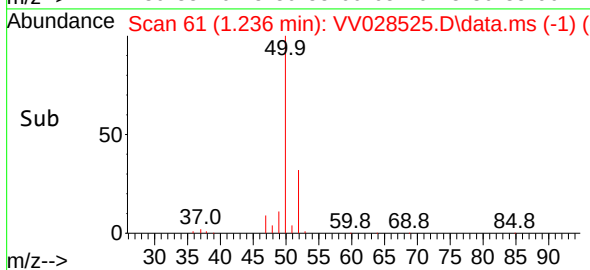
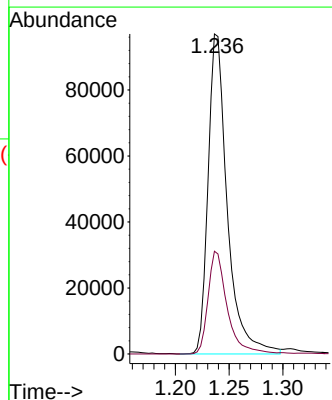
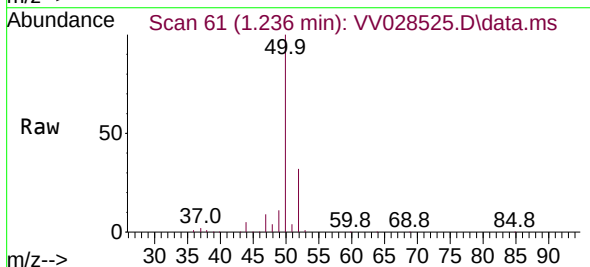
Instrument :
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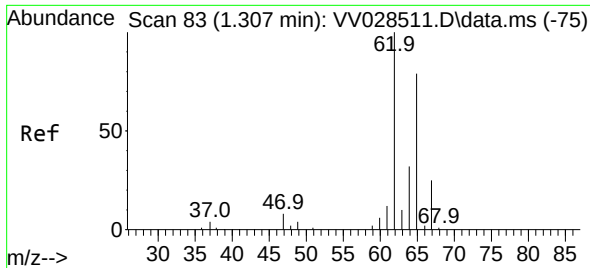
Tgt Ion: 85 Resp: 138476
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 43.764 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028525.D
 Acq: 12 Oct 2022 11:24

Tgt Ion: 50 Resp: 120377
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.7 42.3

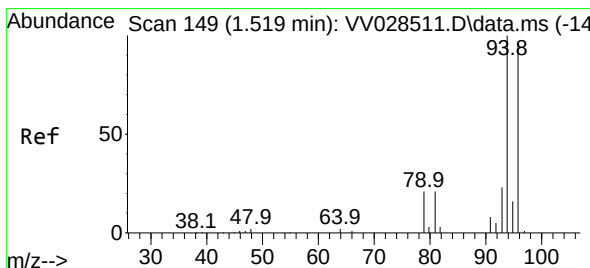
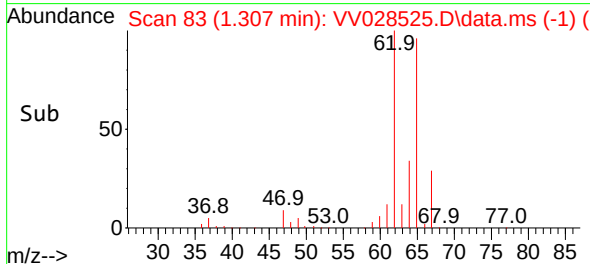
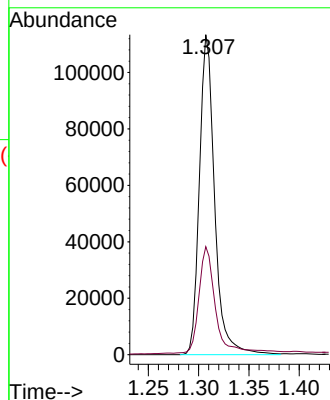
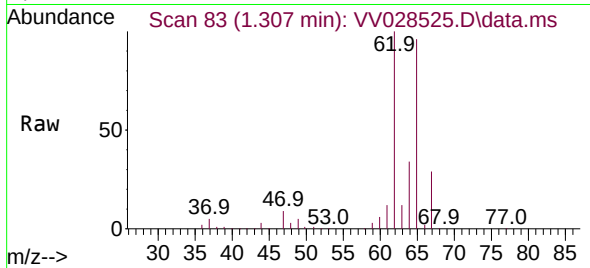




#5
 Vinyl chloride
 Concen: 43.157 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV028525.D
 Acq: 12 Oct 2022 11:24

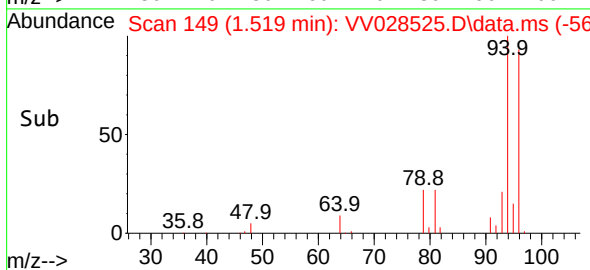
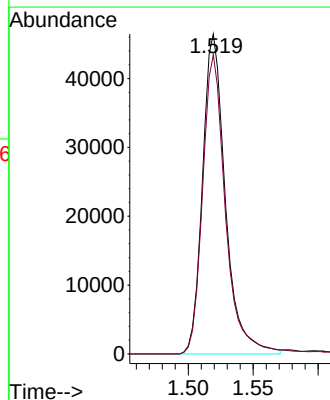
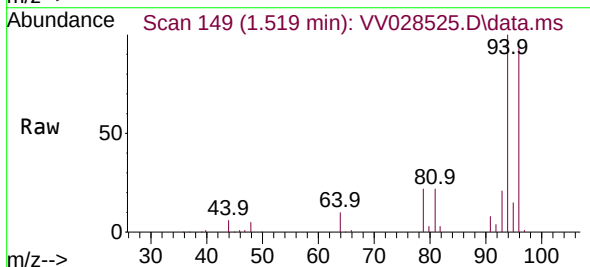
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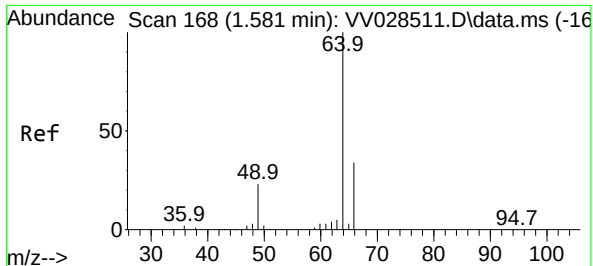
Tgt Ion: 62 Resp: 119130
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 45.239 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028525.D
 Acq: 12 Oct 2022 11:24

Tgt Ion: 94 Resp: 56940
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.5 121.6

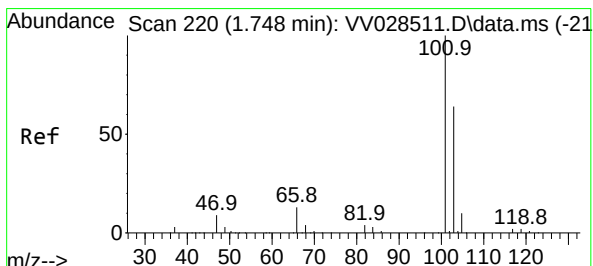
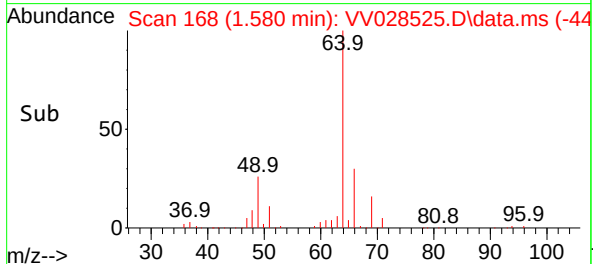
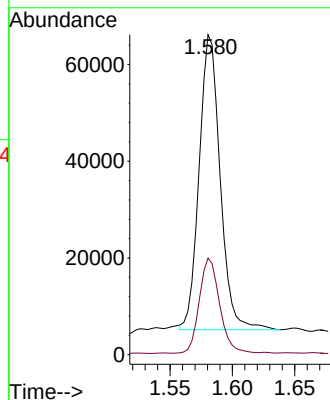
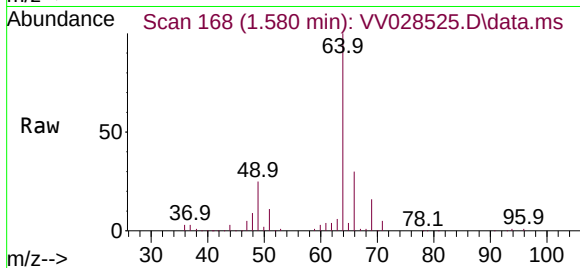




#8
Chloroethane
Concen: 42.565 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

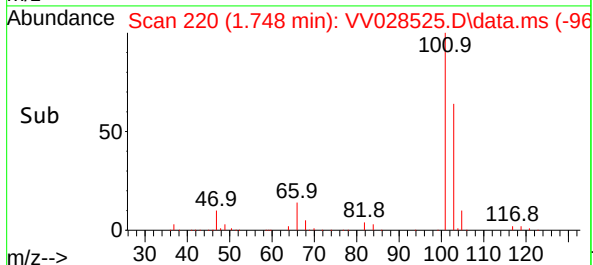
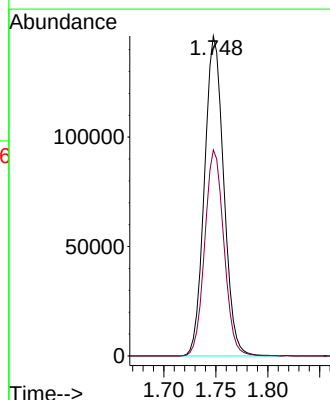
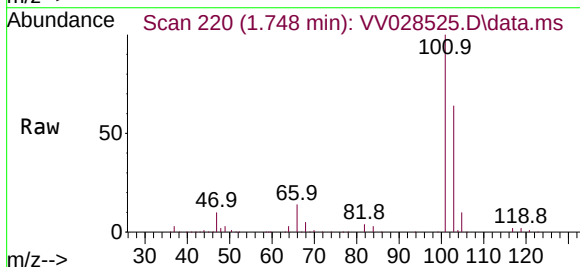
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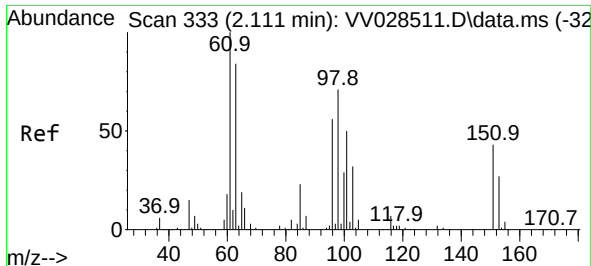
Tgt Ion: 64 Resp: 71324
Ion Ratio Lower Upper
64 100
66 30.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 55.225 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion:101 Resp: 188394
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

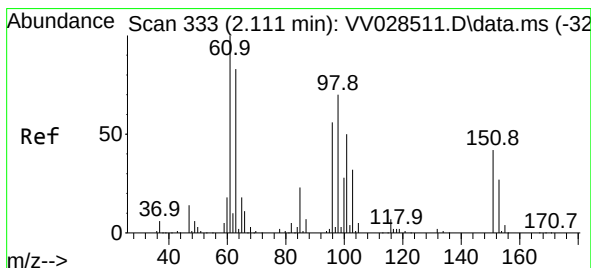
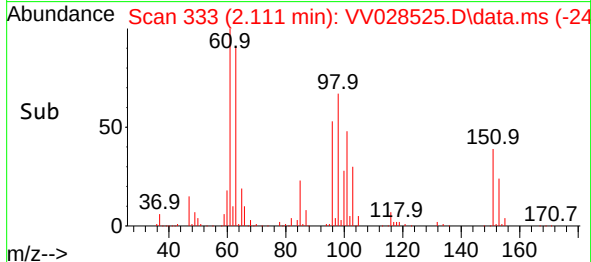
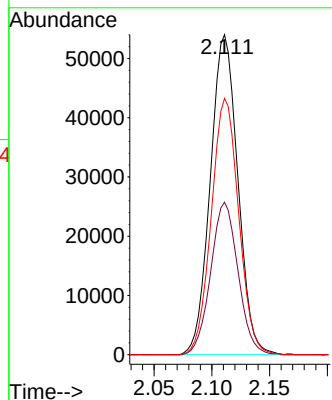
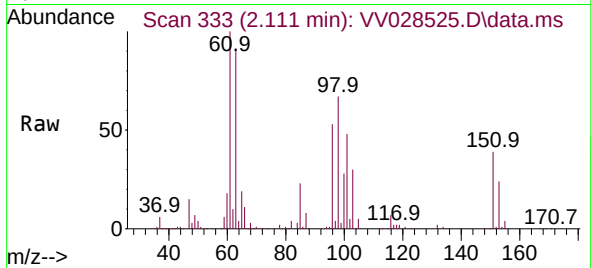




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.269 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028525.D
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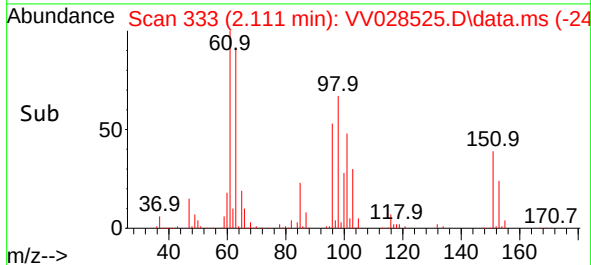
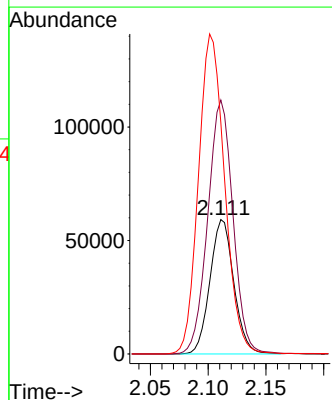
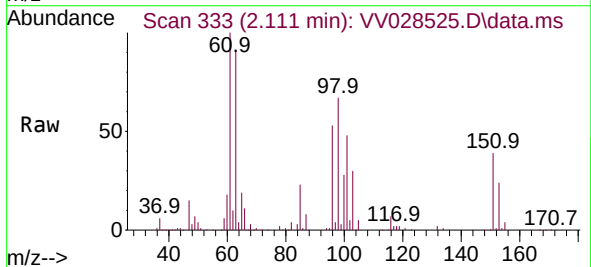
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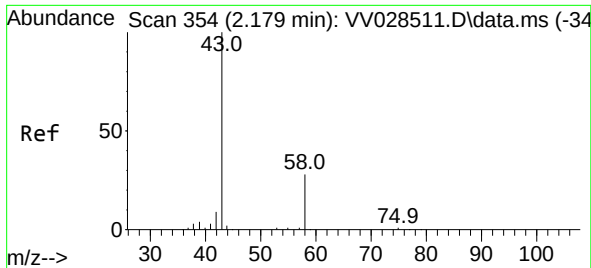
Tgt Ion:101 Resp: 89457
 Ion Ratio Lower Upper
 101 100
 85 47.4 34.9 52.3
 151 79.8 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 44.849 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028525.D
 Acq: 12 Oct 2022 11:24

Tgt Ion: 96 Resp: 85125
 Ion Ratio Lower Upper
 96 100
 61 189.0 125.6 233.2
 63 172.2 100.0 185.6

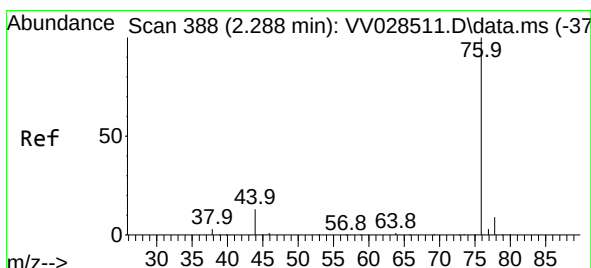
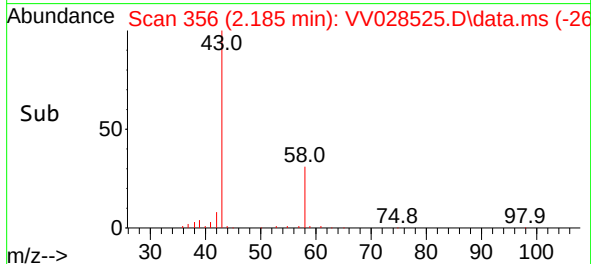
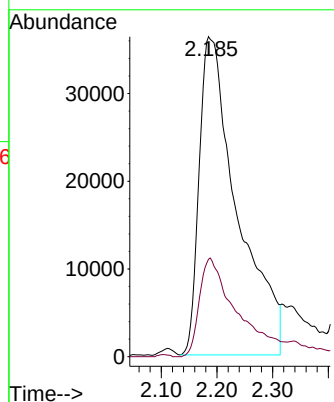
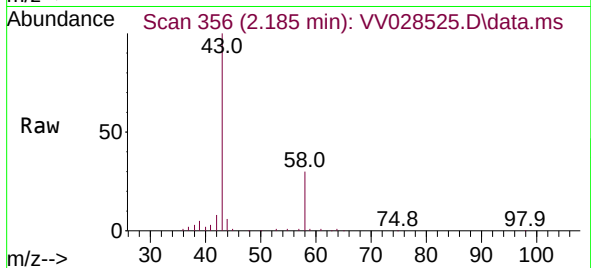




#13
Acetone
Concen: 101.863 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.006 min
Lab File: VV028525.D
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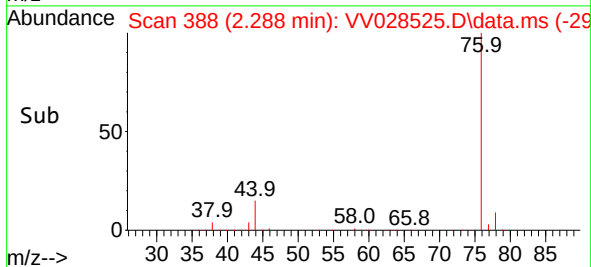
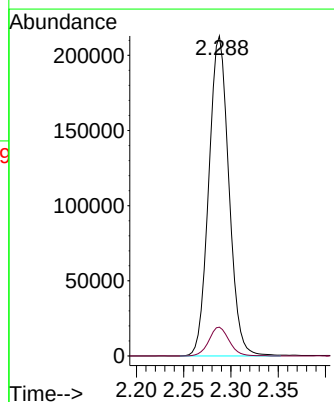
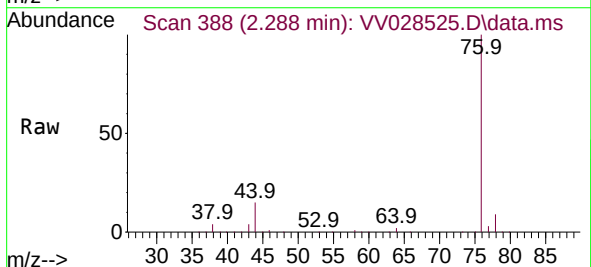
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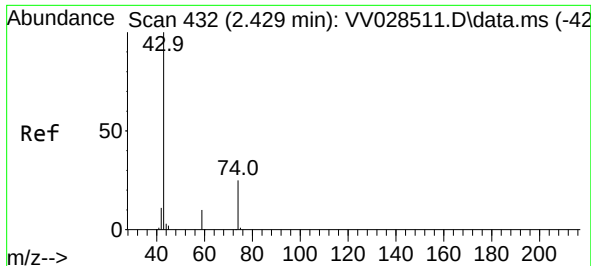
Tgt Ion: 43 Resp: 172959
Ion Ratio Lower Upper
43 100
58 30.9 0.0 47.0



#14
Carbon disulfide
Concen: 51.742 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 314083
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

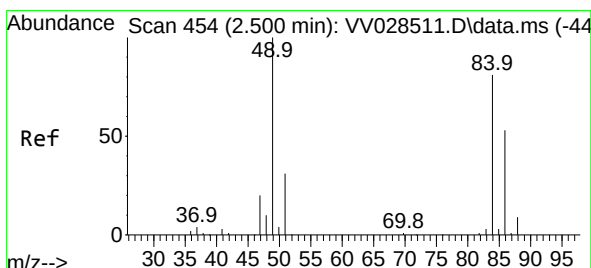
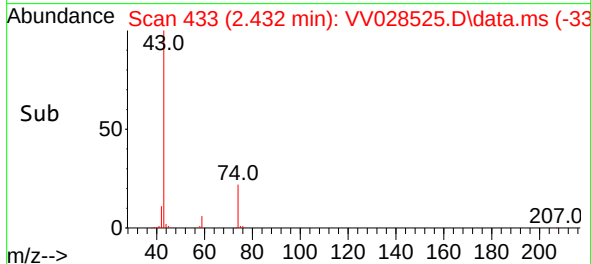
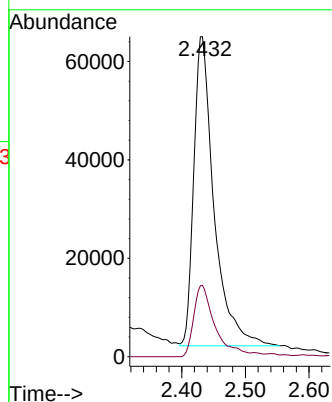
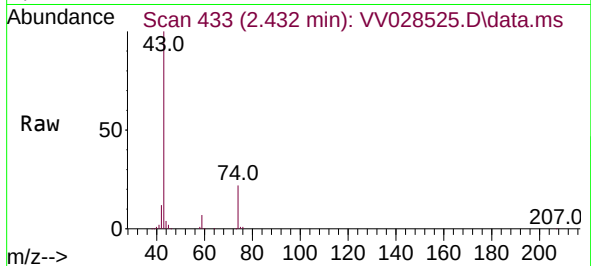




#15
Methyl Acetate
Concen: 48.462 ug/L
RT: 2.432 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

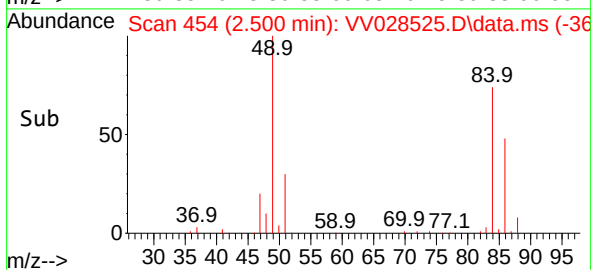
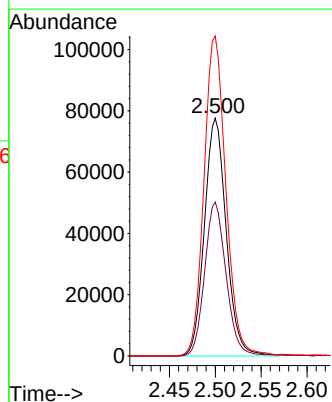
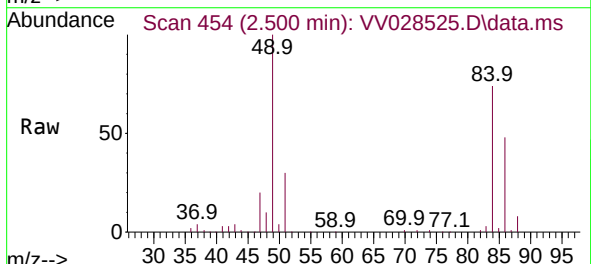
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

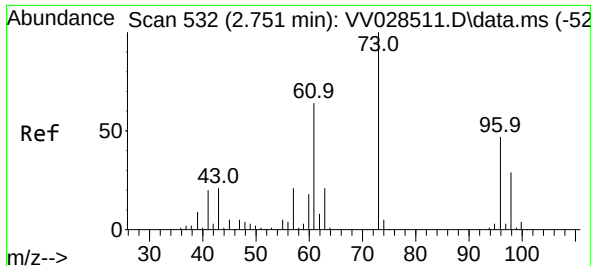
Tgt Ion: 43 Resp: 138933
Ion Ratio Lower Upper
43 100
74 24.0 18.8 28.2



#16
Methylene chloride
Concen: 52.135 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 84 Resp: 128595
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.2
49 134.6 90.5 168.1

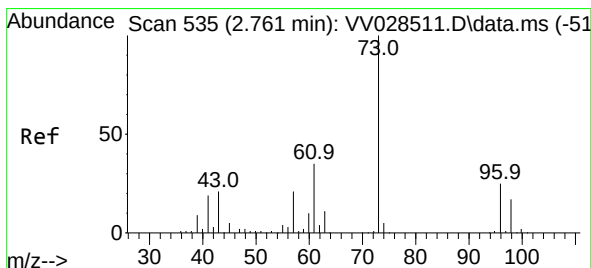
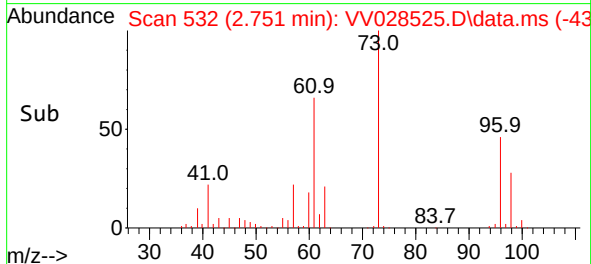
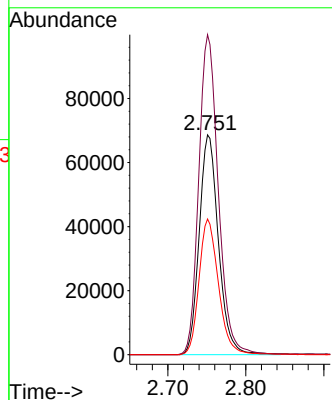
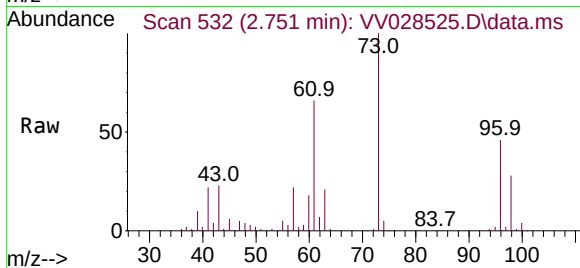




#17
trans-1,2-Dichloroethene
Concen: 53.255 ug/L
RT: 2.751 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

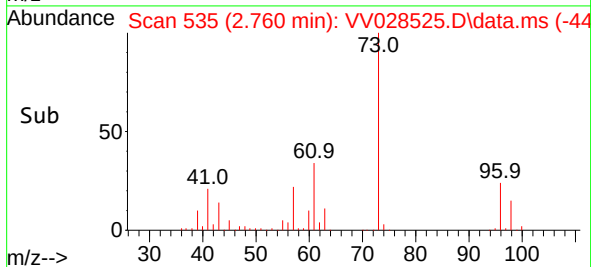
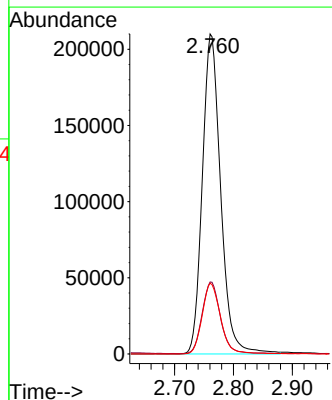
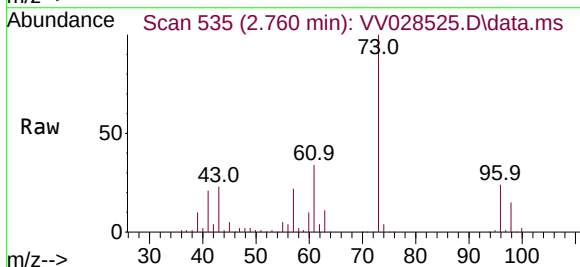
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

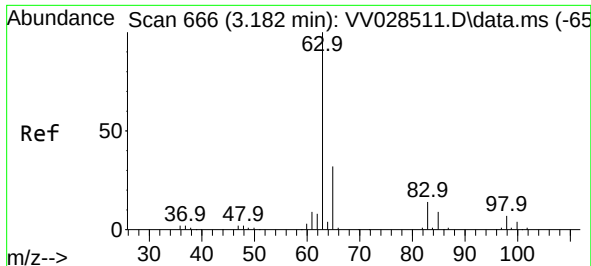
Tgt Ion: 96 Resp: 117901
Ion Ratio Lower Upper
96 100
61 145.5 104.8 194.6
98 61.7 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 55.855 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 73 Resp: 454581
Ion Ratio Lower Upper
73 100
43 22.2 15.6 23.4
57 22.0 18.2 27.4





#19

1,1-Dichloroethane

Concen: 53.782 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

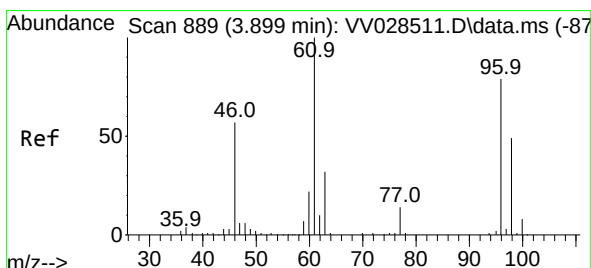
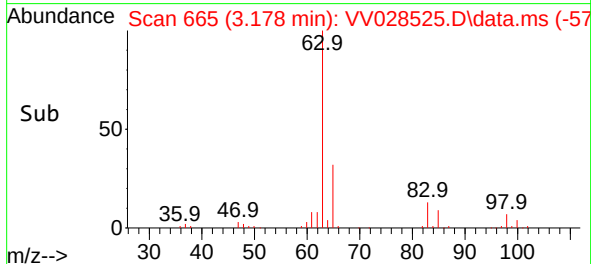
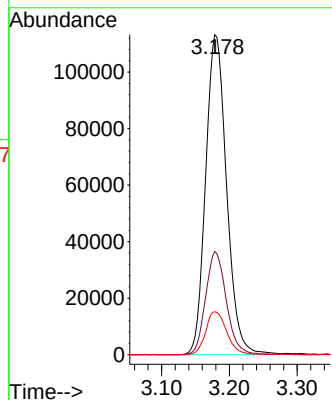
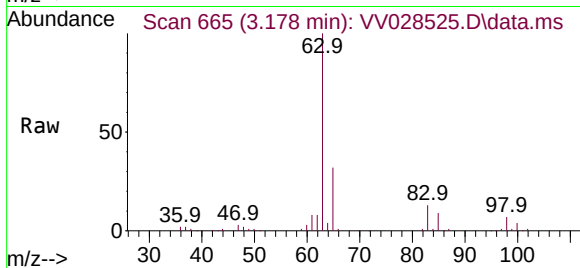
Tgt Ion: 63 Resp: 243231

Ion Ratio Lower Upper

63 100

65 32.2 22.6 42.0

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 53.345 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

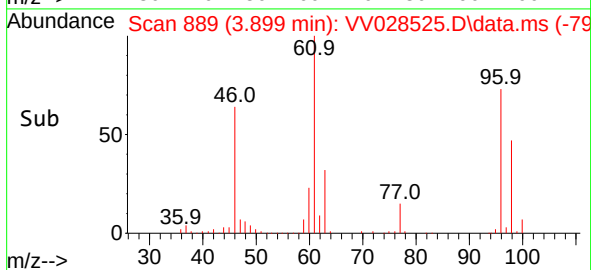
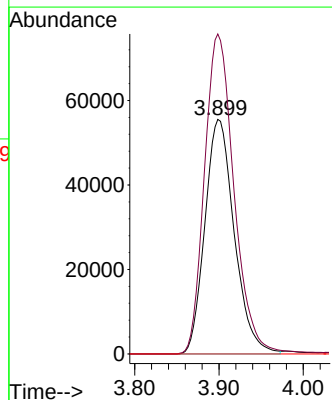
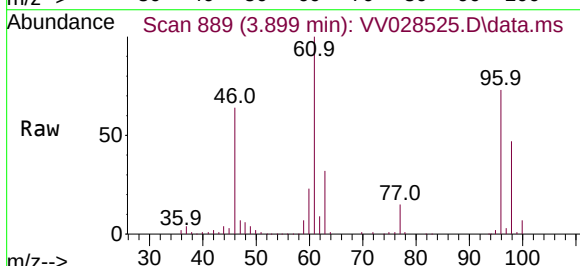
Tgt Ion: 96 Resp: 134540

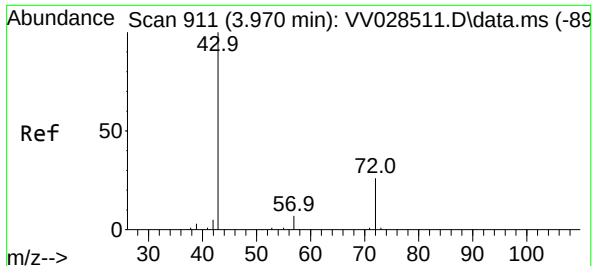
Ion Ratio Lower Upper

96 100

61 136.5 95.0 176.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.470 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

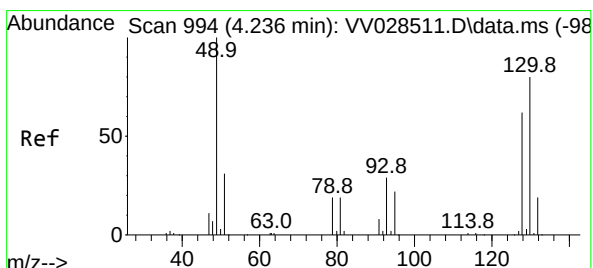
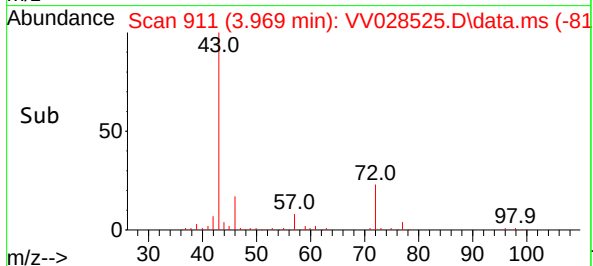
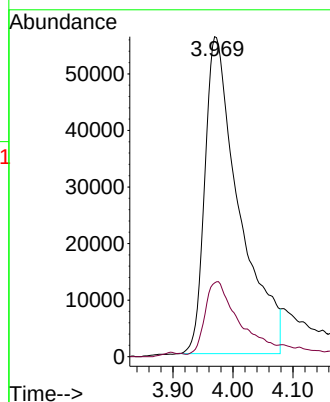
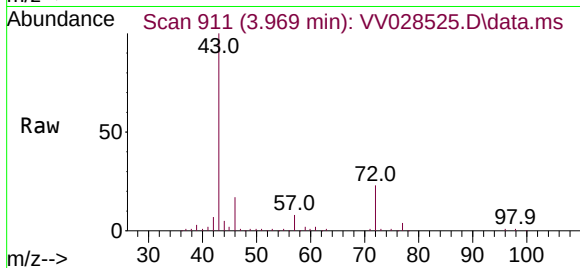
VSTD050359

Tgt Ion: 43 Resp: 222654

Ion Ratio Lower Upper

43 100

72 18.6 11.1 33.1



#23

Bromochloromethane

Concen: 54.557 ug/L

RT: 4.239 min Scan# 995

Delta R.T. 0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Tgt Ion:128 Resp: 66869

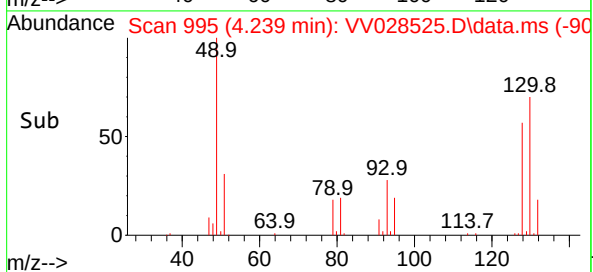
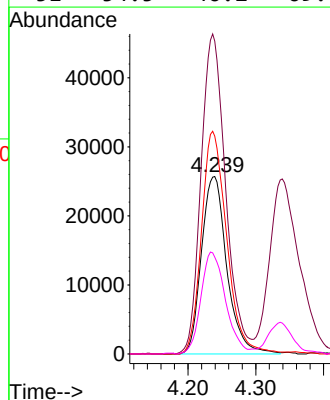
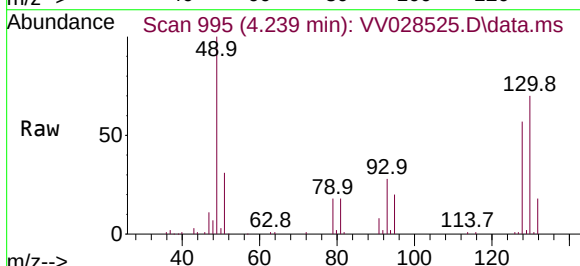
Ion Ratio Lower Upper

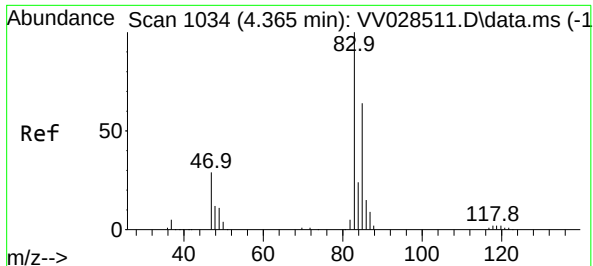
128 100

49 176.2 130.6 242.6

130 122.7 90.0 167.2

51 54.5 46.2 69.4





#25

Chloroform

Concen: 55.429 ug/L

RT: 4.362 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

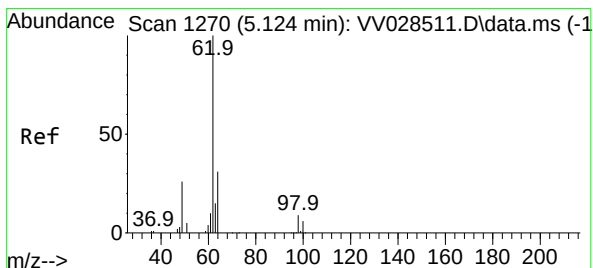
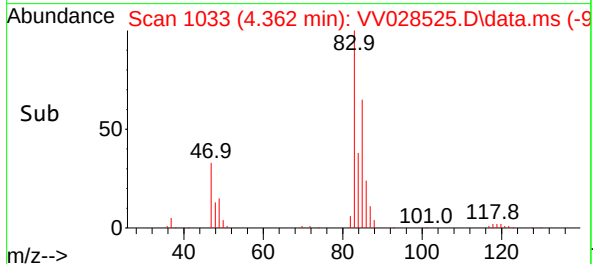
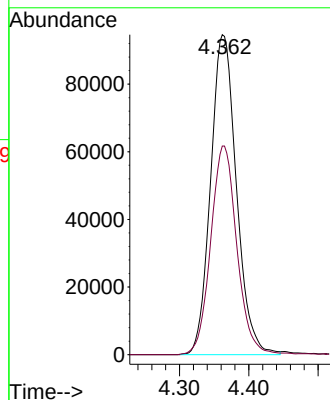
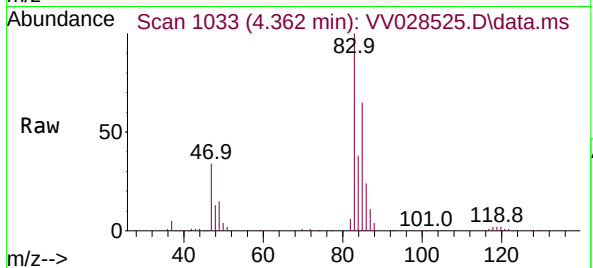
VSTD050359

Tgt Ion: 83 Resp: 244726

Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 59.880 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV028525.D

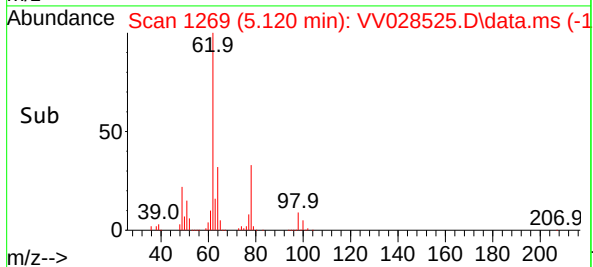
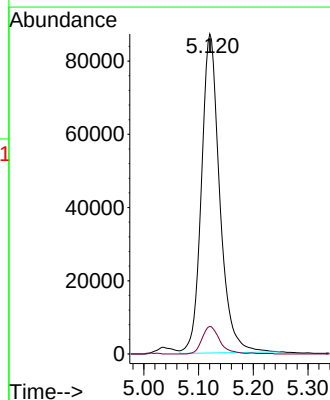
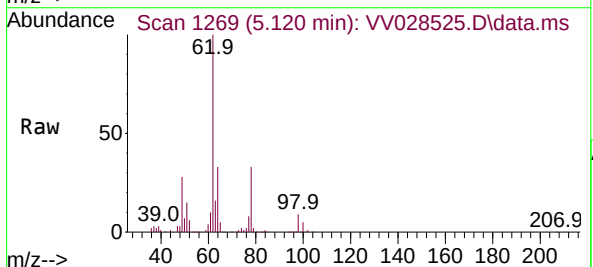
Acq: 12 Oct 2022 11:24

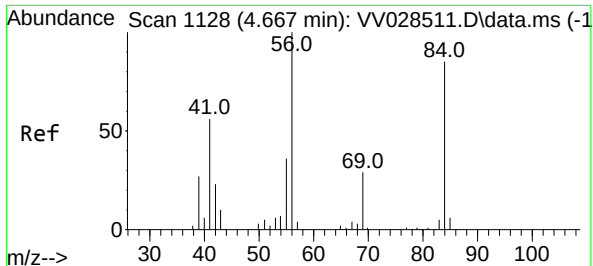
Tgt Ion: 62 Resp: 202563

Ion Ratio Lower Upper

62 100

98 8.6 7.6 11.4





#29

Cyclohexane

Concen: 50.846 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

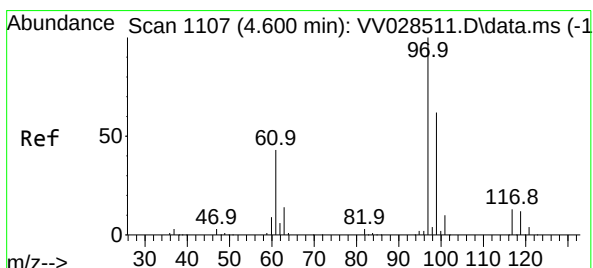
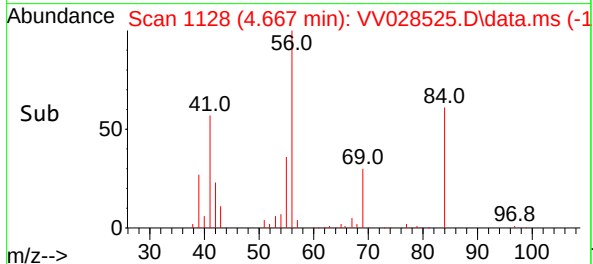
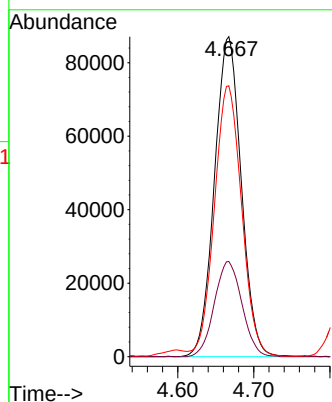
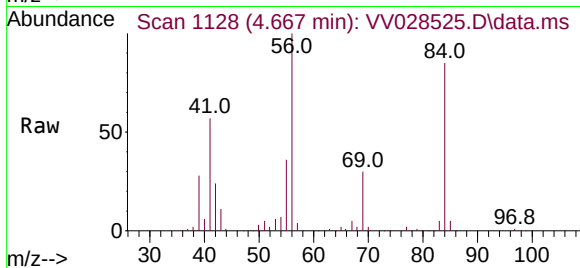
Tgt Ion: 56 Resp: 213248

Ion Ratio Lower Upper

56 100

69 30.6 23.0 34.6

84 85.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 59.054 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

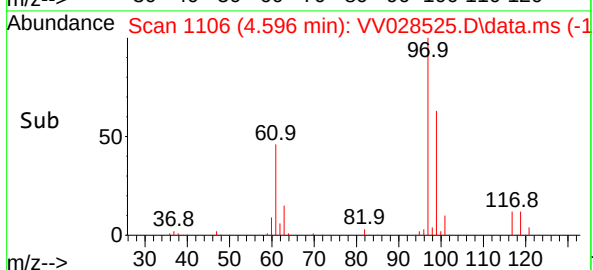
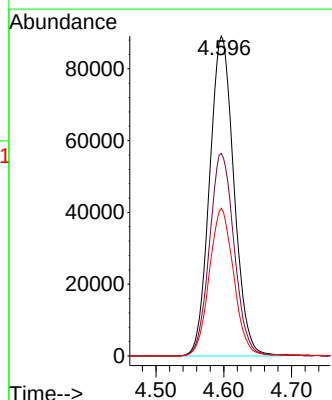
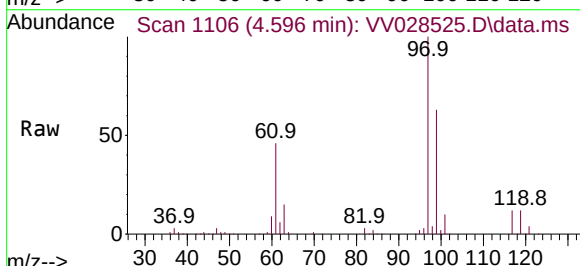
Tgt Ion: 97 Resp: 222447

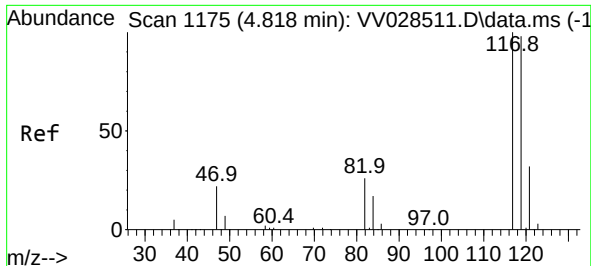
Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.2

61 46.2 35.8 53.6

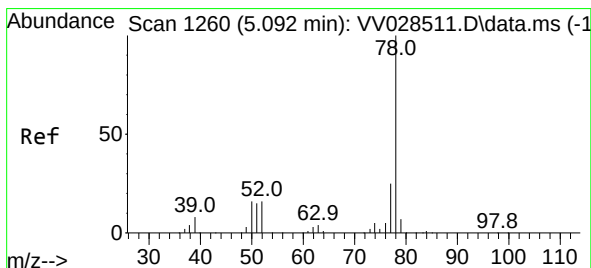
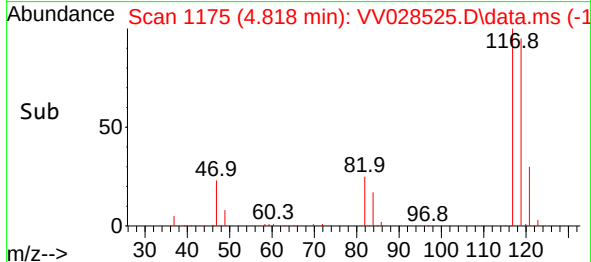
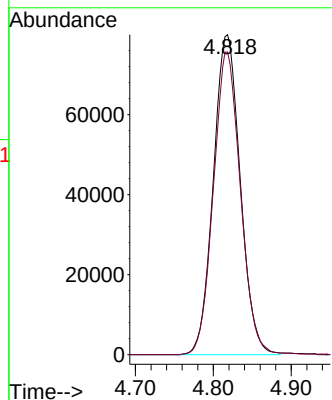
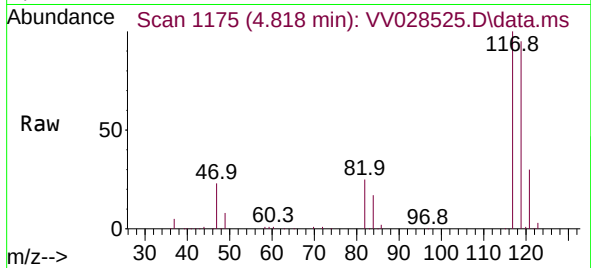




#31
Carbon tetrachloride
Concen: 60.808 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

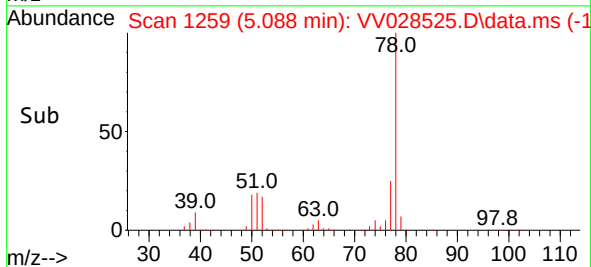
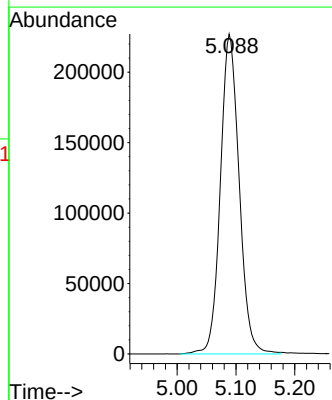
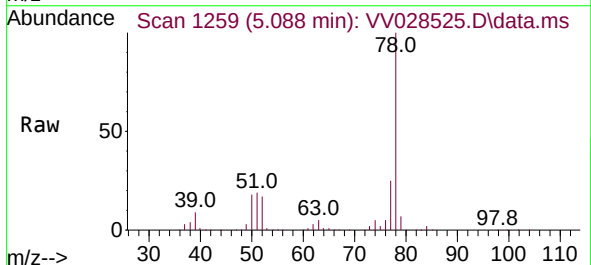
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

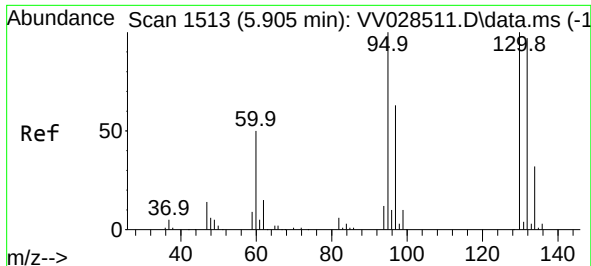
Tgt Ion:117 Resp: 191741
Ion Ratio Lower Upper
117 100
119 94.9 78.0 117.0



#33
Benzene
Concen: 52.500 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 78 Resp: 503471

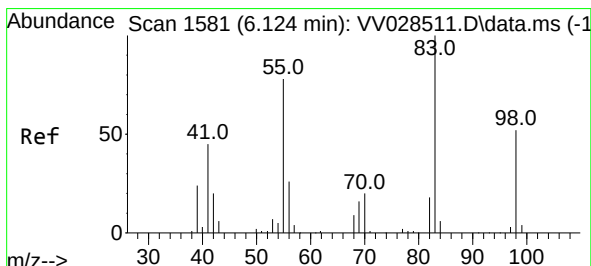
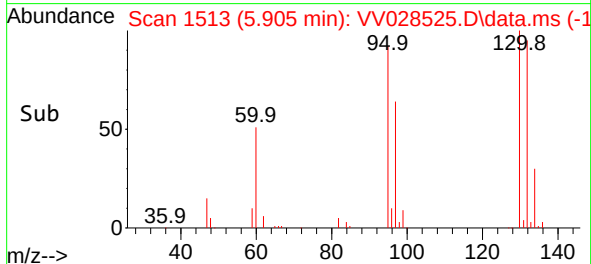
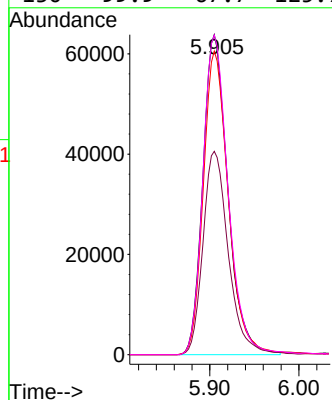
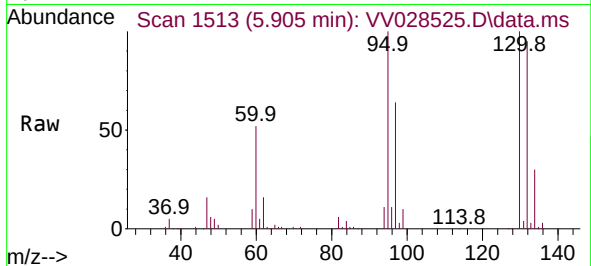




#34
Trichloroethene
Concen: 52.206 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

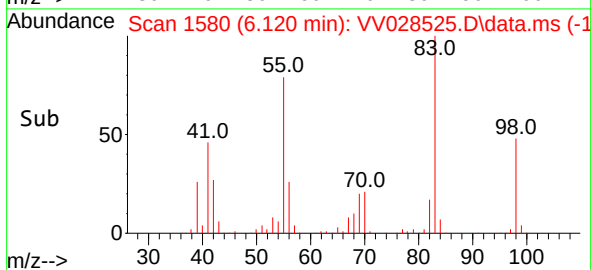
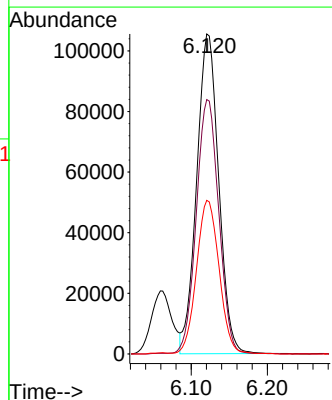
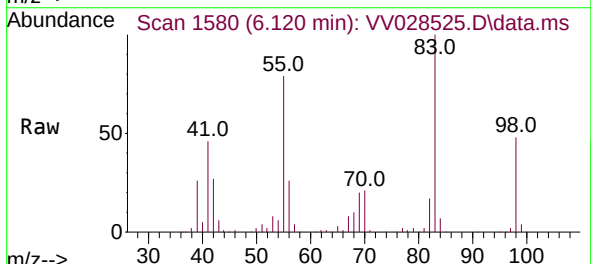
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

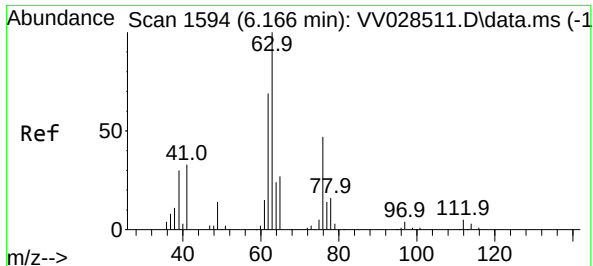
Tgt Ion: 95 Resp: 124200
Ion Ratio Lower Upper
95 100
97 63.6 44.4 82.4
132 94.9 64.3 119.5
130 99.9 67.7 125.7



#35
Methylcyclohexane
Concen: 51.307 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 83 Resp: 212209
Ion Ratio Lower Upper
83 100
55 81.1 63.7 95.5
98 49.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 49.653 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

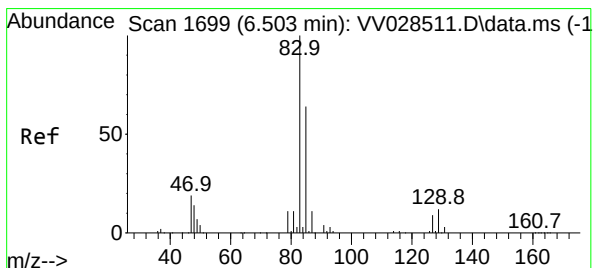
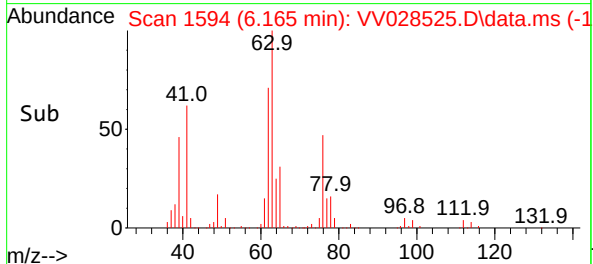
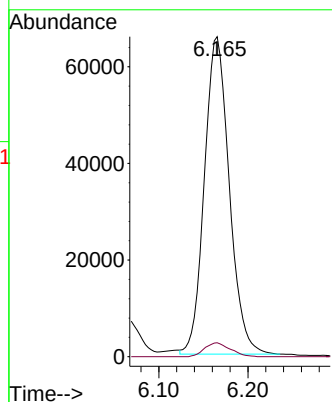
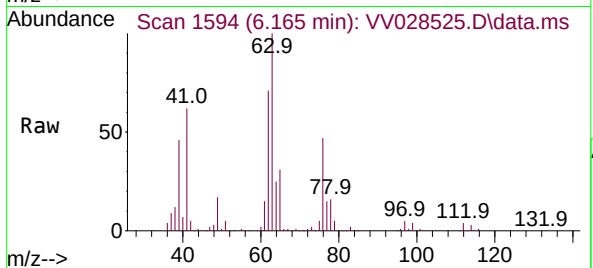
VSTD050359

Tgt Ion: 63 Resp: 127661

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 54.917 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

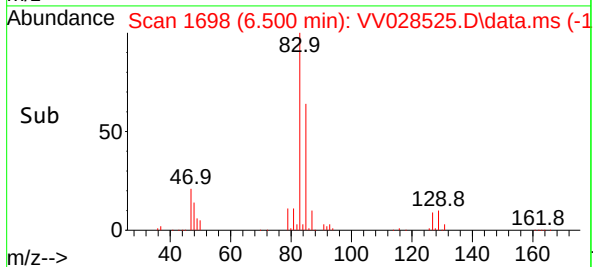
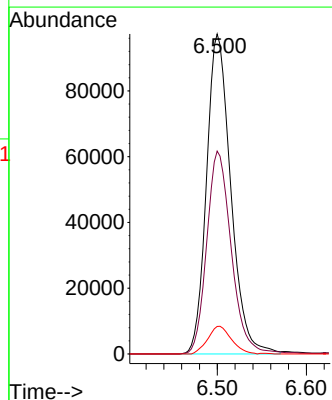
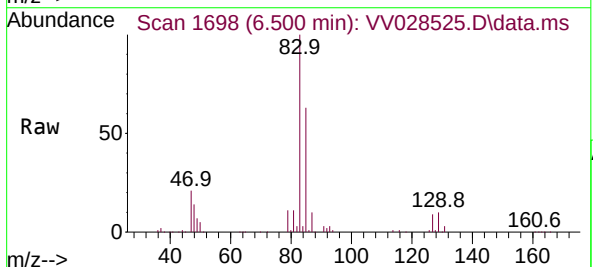
Tgt Ion: 83 Resp: 183950

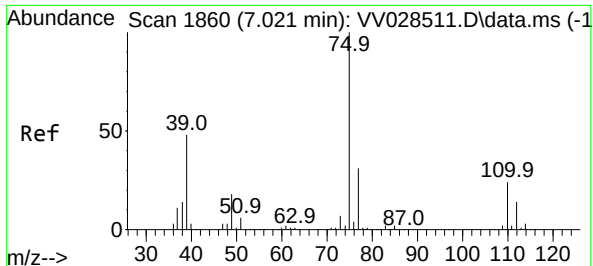
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 9.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 54.213 ug/L

RT: 7.017 min Scan# 1859

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

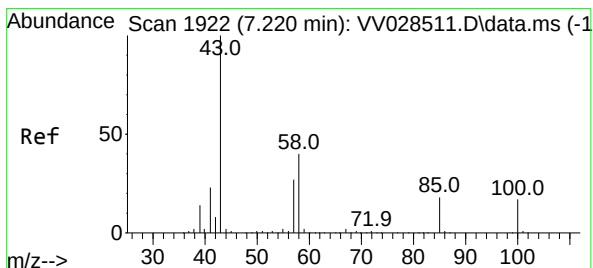
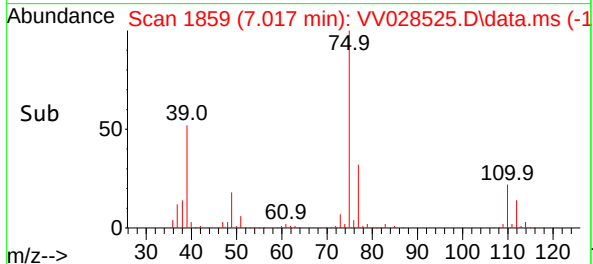
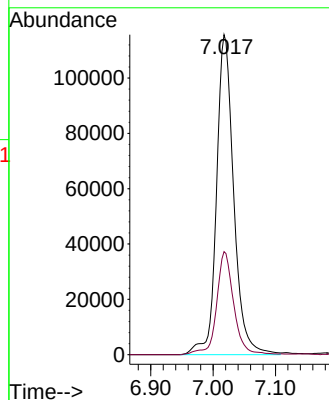
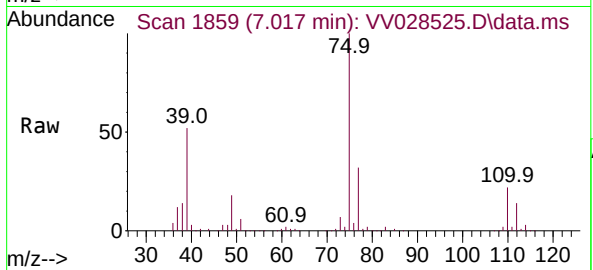
VSTD050359

Tgt Ion: 75 Resp: 221741

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 98.960 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

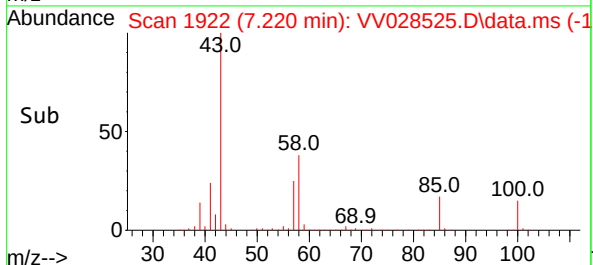
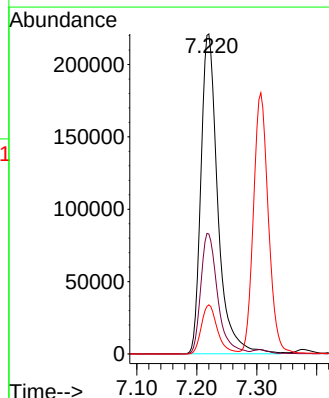
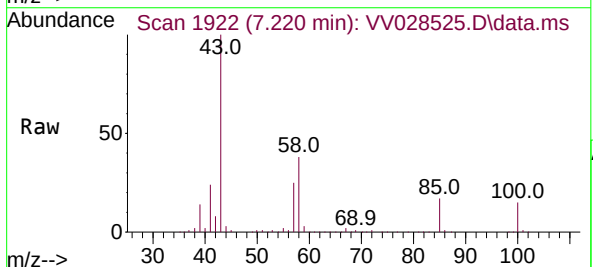
Tgt Ion: 43 Resp: 433937

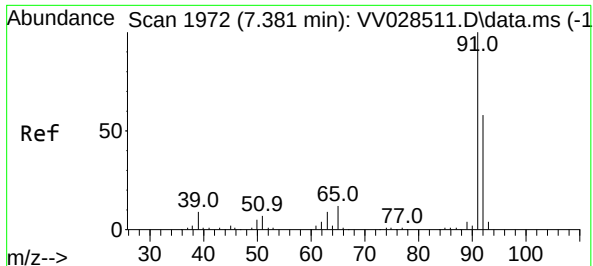
Ion Ratio Lower Upper

43 100

58 37.7 31.3 46.9

100 14.7 11.5 17.3





#42

Toluene

Concen: 53.215 ug/L

RT: 7.378 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

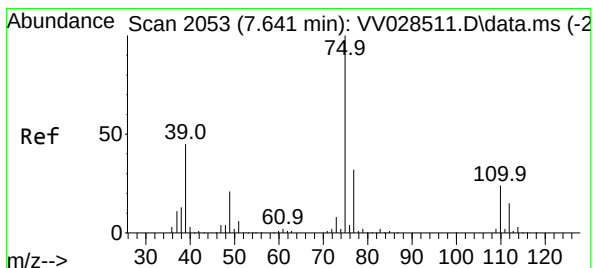
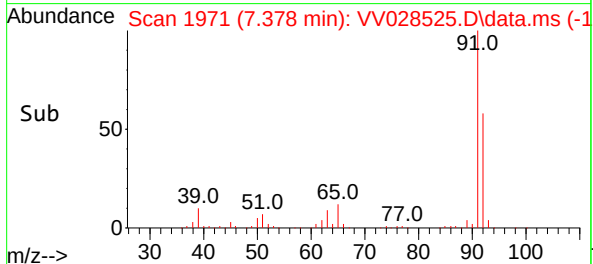
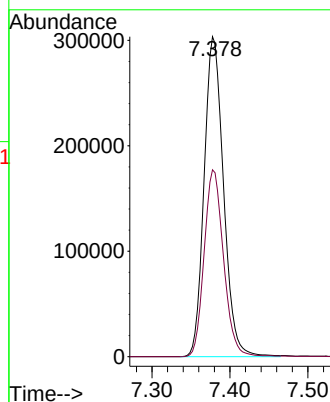
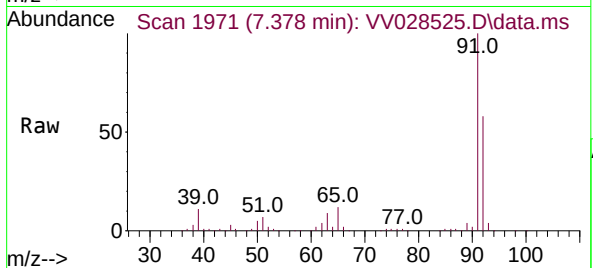
VSTD050359

Tgt Ion: 91 Resp: 526026

Ion Ratio Lower Upper

91 100

92 58.4 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 54.809 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV028525.D

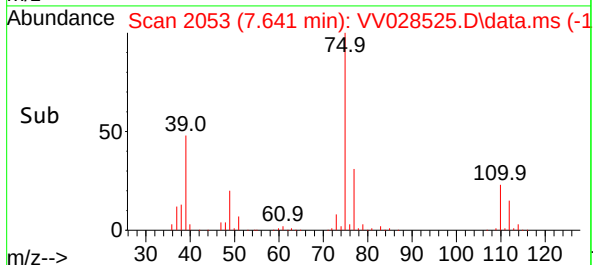
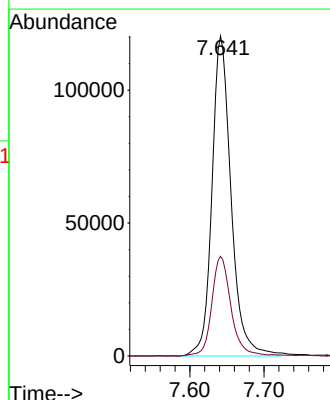
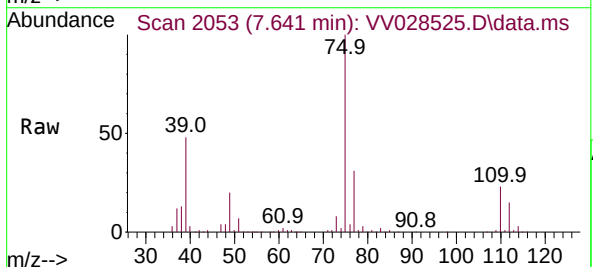
Acq: 12 Oct 2022 11:24

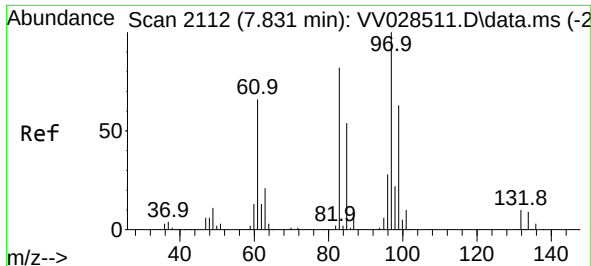
Tgt Ion: 75 Resp: 215152

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



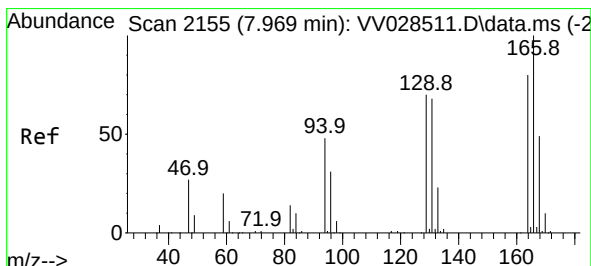
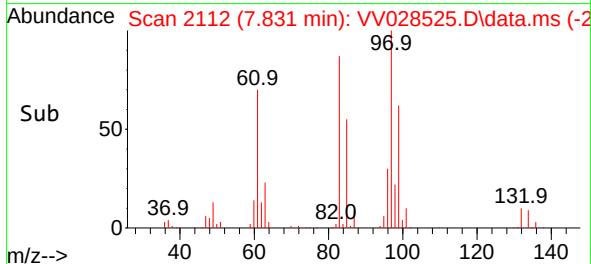
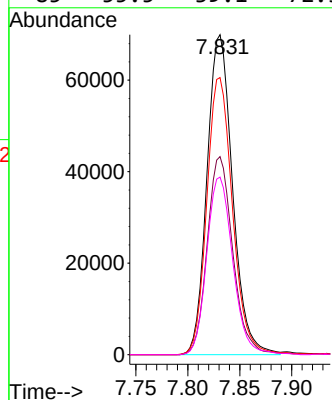
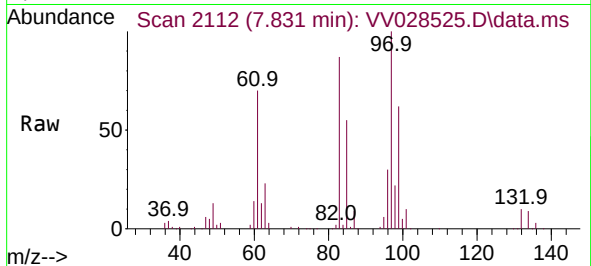


#45
1,1,2-Trichloroethane
Concen: 50.391 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

Tgt Ion: 97 Resp: 120000

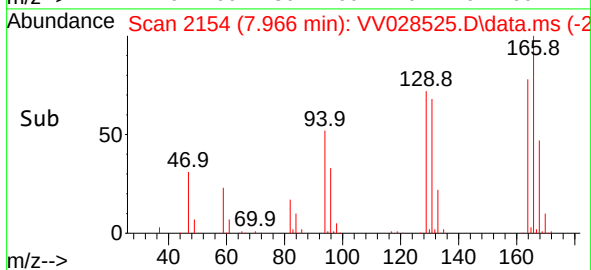
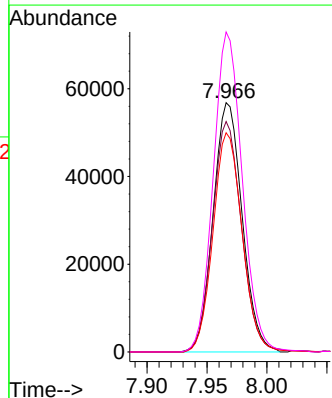
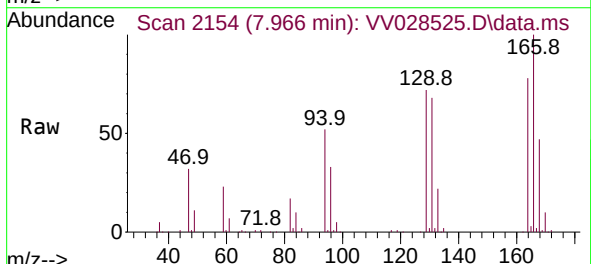
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.9	81.5
83	86.6	61.9	114.9
85	55.5	39.1	72.5

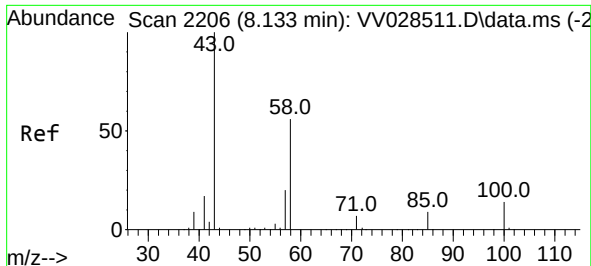


#46
Tetrachloroethene
Concen: 55.923 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 164 Resp: 95596

Ion	Ratio	Lower	Upper
164	100		
129	92.4	67.4	125.2
131	87.9	65.2	121.2
166	128.3	88.5	164.4



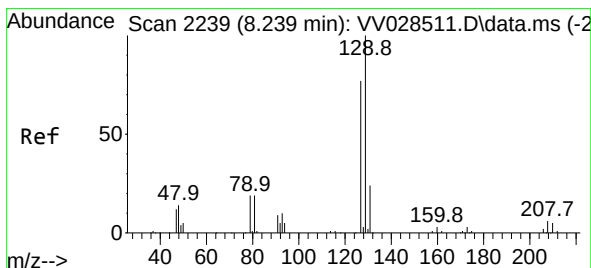
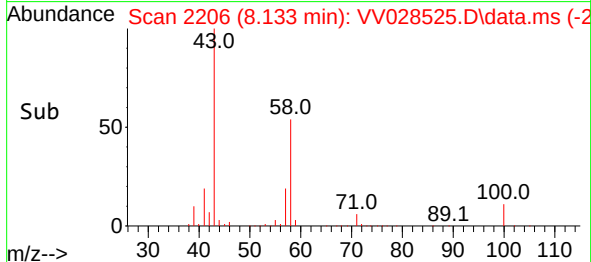
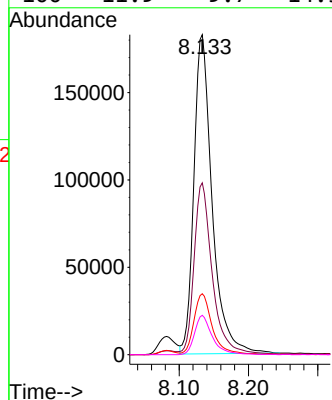
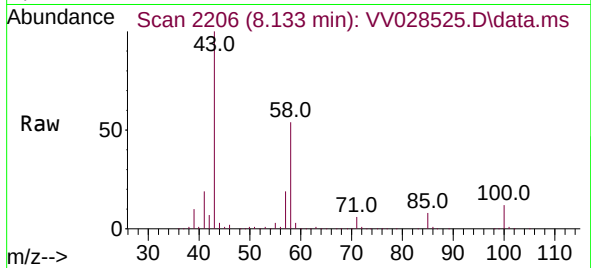


#48
2-Hexanone
Concen: 99.557 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

Tgt Ion: 43 Resp: 335136

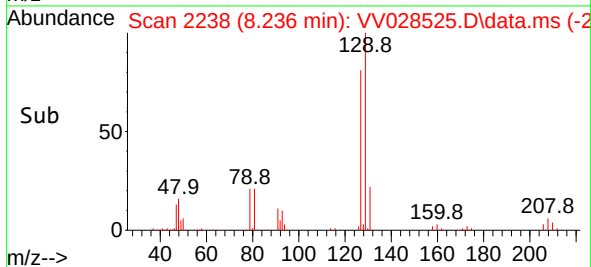
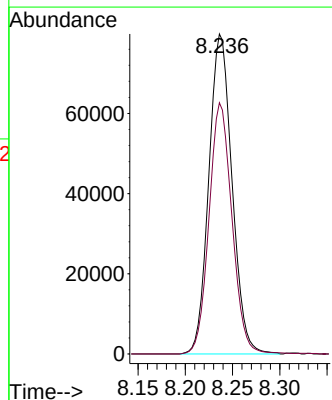
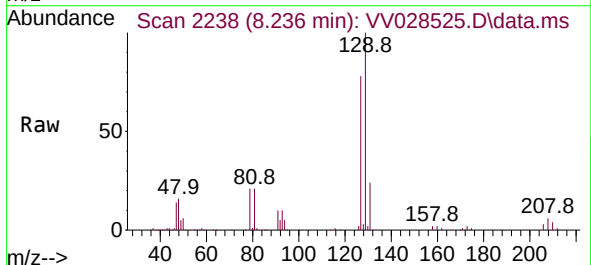
Ion	Ratio	Lower	Upper
43	100		
58	53.4	43.9	65.9
57	18.5	15.1	22.7
100	11.9	9.7	14.5

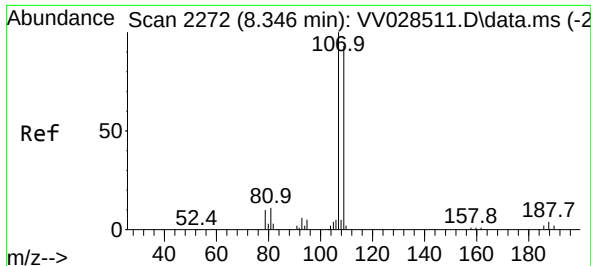


#49
Dibromochloromethane
Concen: 53.227 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 129 Resp: 136246

Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.6	99.6





#50

1,2-Dibromoethane

Concen: 49.033 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

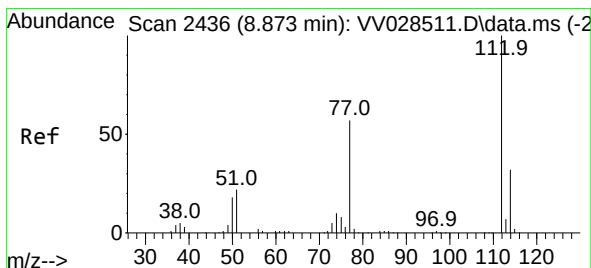
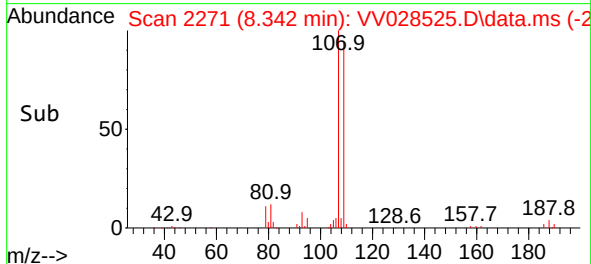
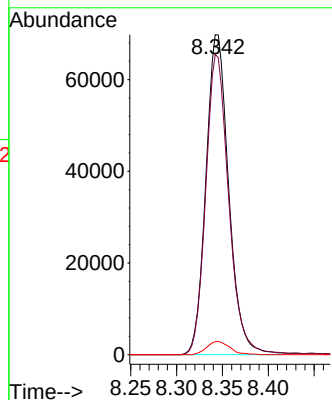
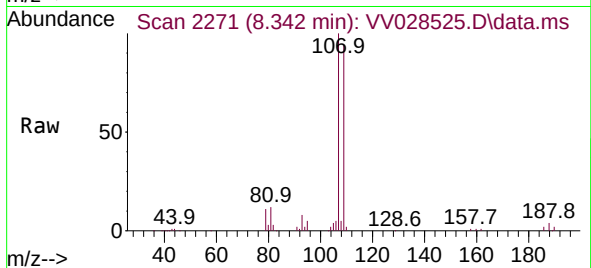
Tgt Ion:107 Resp: 120903

Ion Ratio Lower Upper

107 100

109 93.9 65.9 122.5

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 51.894 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

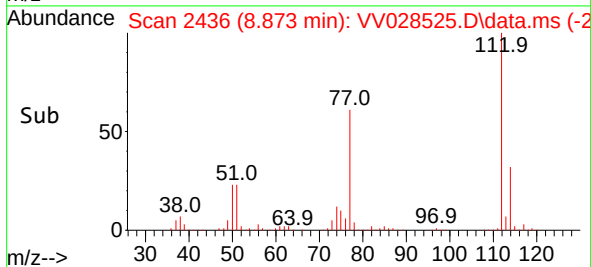
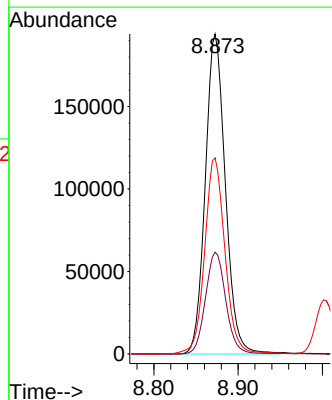
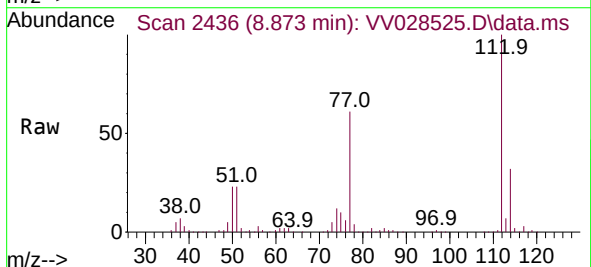
Tgt Ion:112 Resp: 321835

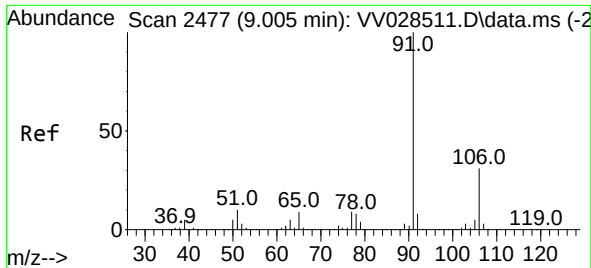
Ion Ratio Lower Upper

112 100

114 31.8 21.7 40.3

77 61.3 48.7 73.1

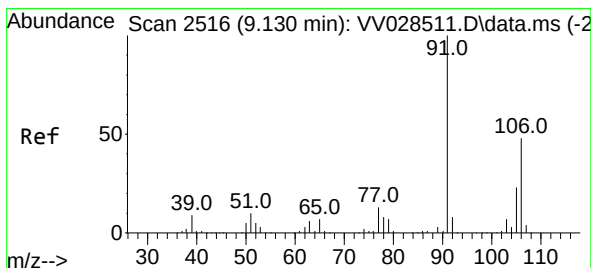
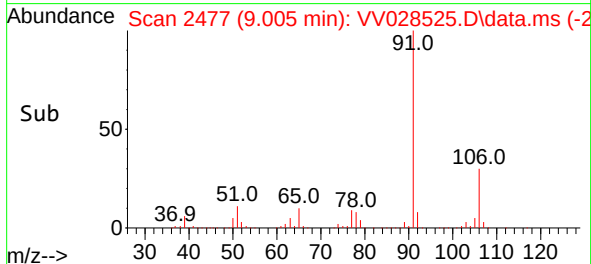
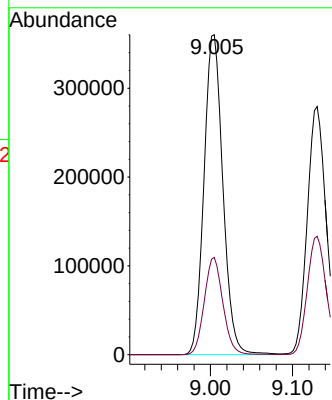
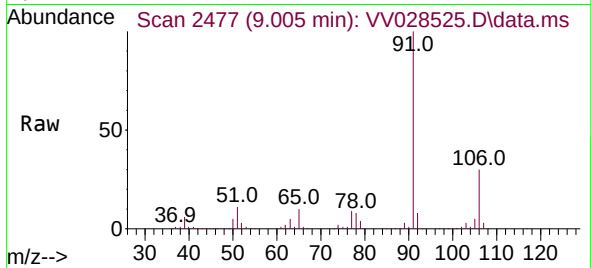




#52
Ethylbenzene
Concen: 53.375 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

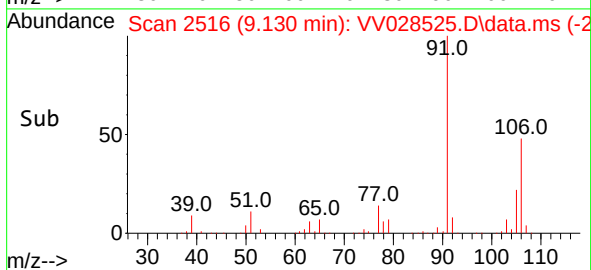
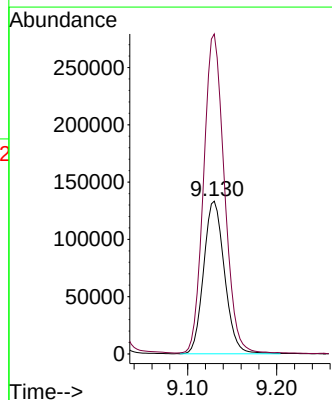
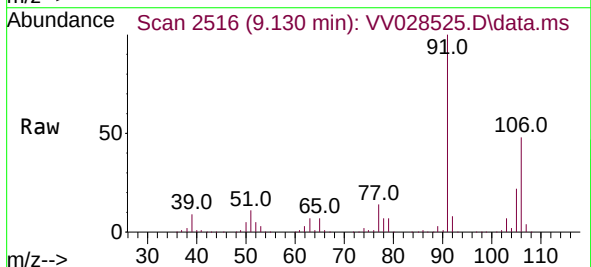
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

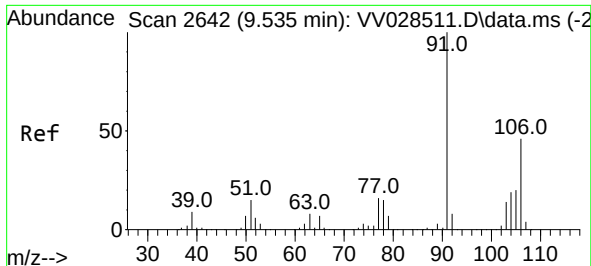
Tgt Ion: 91 Resp: 575056
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 53.038 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion:106 Resp: 216589
Ion Ratio Lower Upper
106 100
91 209.5 145.2 269.6

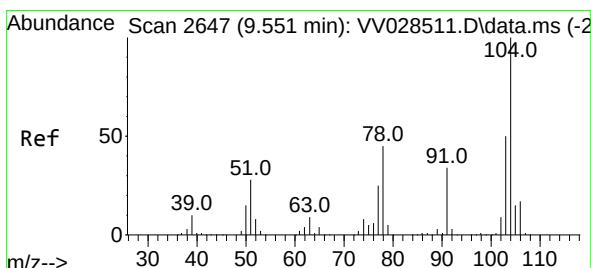
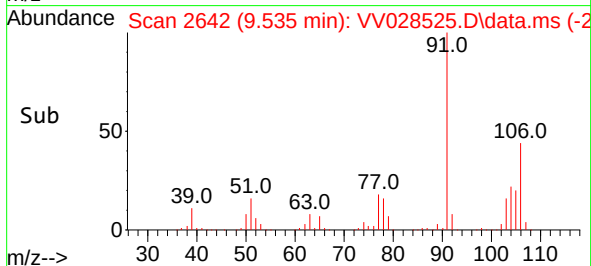
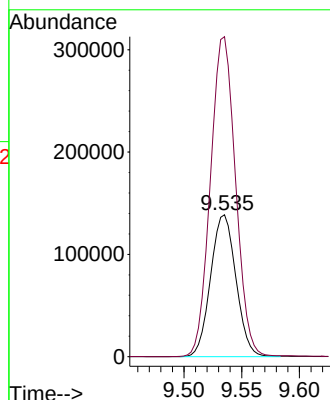
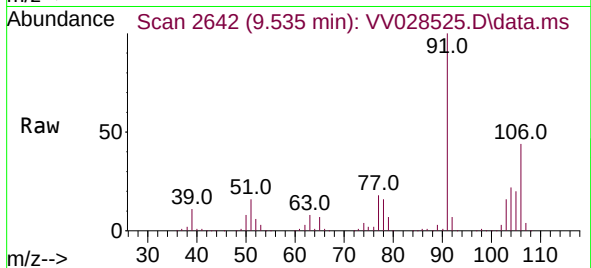




#54
o-Xylene
Concen: 51.775 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

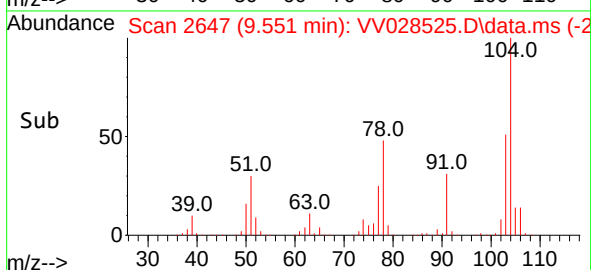
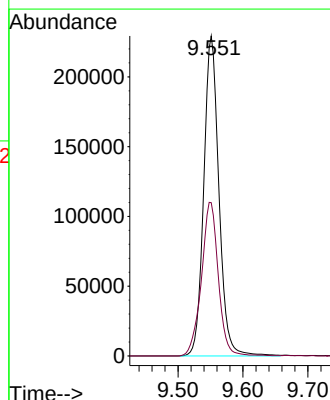
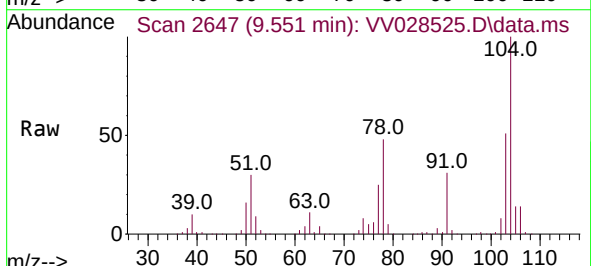
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

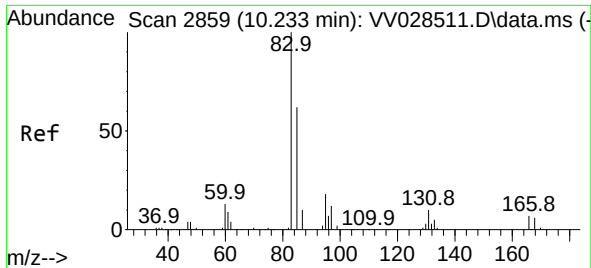
Tgt Ion:106 Resp: 211701
Ion Ratio Lower Upper
106 100
91 225.4 152.5 283.3



#55
Styrene
Concen: 53.213 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion:104 Resp: 373650
Ion Ratio Lower Upper
104 100
78 47.9 31.9 59.2

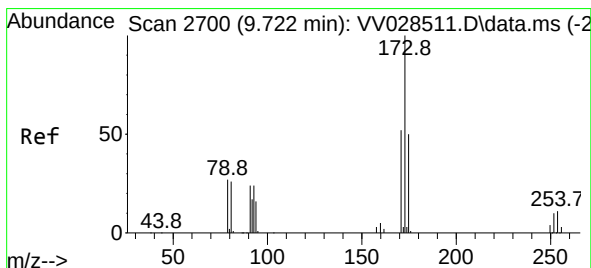
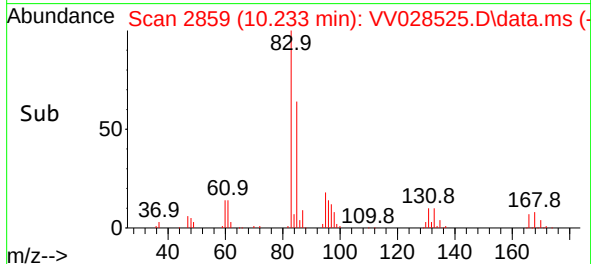
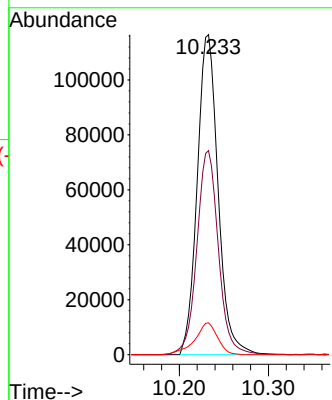
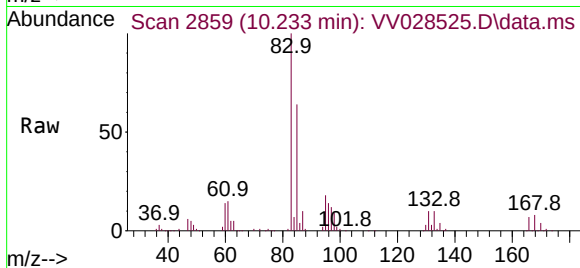




#57
1,1,2,2-Tetrachloroethane
Concen: 46.531 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

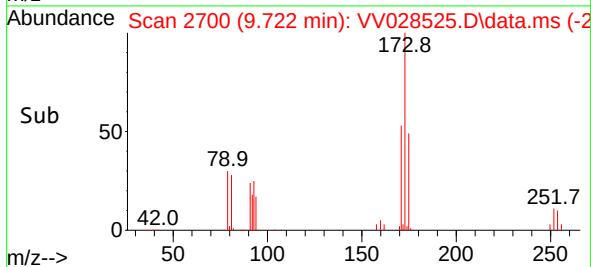
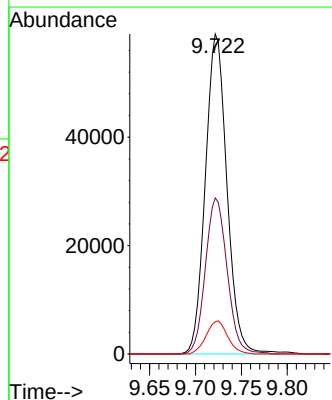
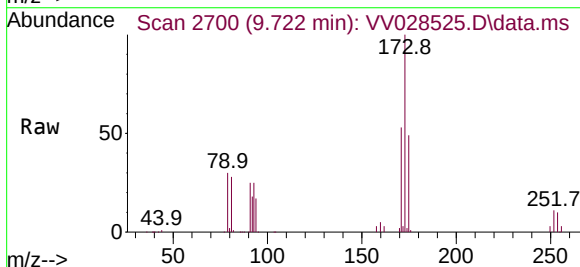
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

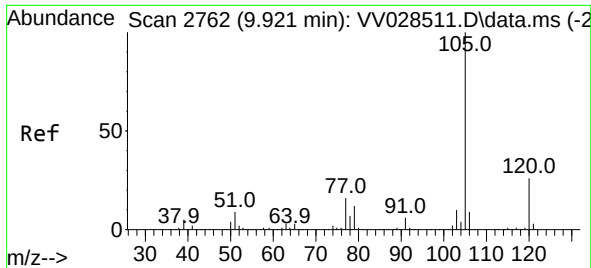
Tgt Ion: 83 Resp: 189766
Ion Ratio Lower Upper
83 100
85 63.7 44.8 83.2
131 9.9 7.2 10.8



#59
Bromoform
Concen: 49.765 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 173 Resp: 96786
Ion Ratio Lower Upper
173 100
175 49.1 38.6 57.8
254 10.3 8.4 12.6

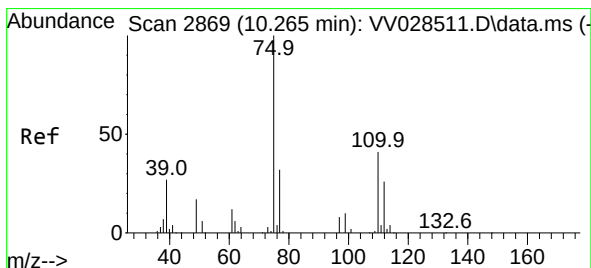
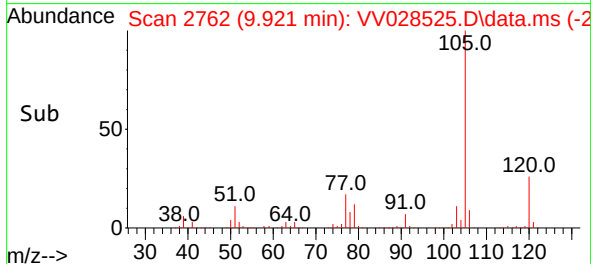
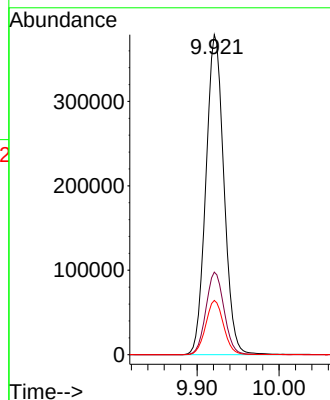
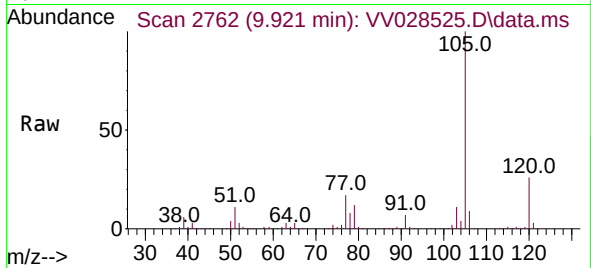




#60
Isopropylbenzene
Concen: 51.072 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

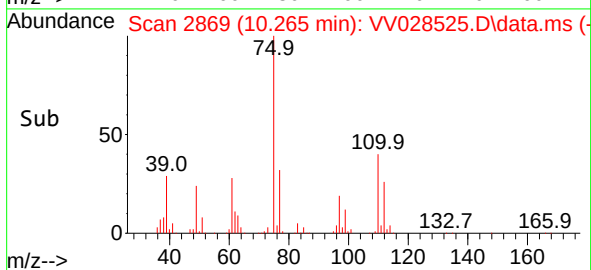
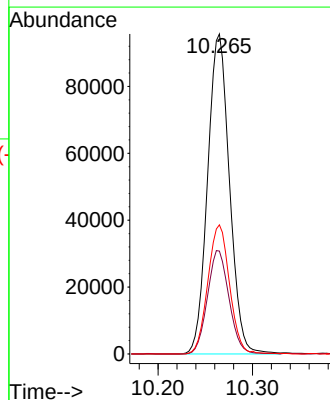
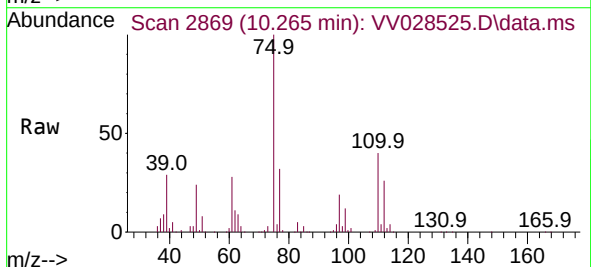
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

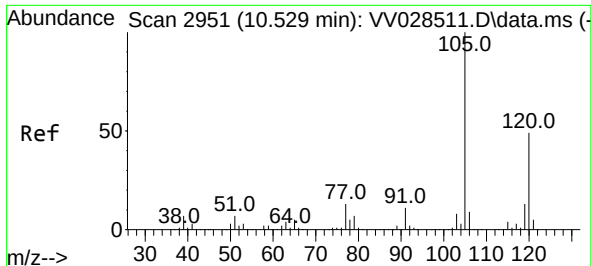
Tgt Ion:105 Resp: 577985
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 46.017 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 75 Resp: 153858
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 40.1 30.0 45.0

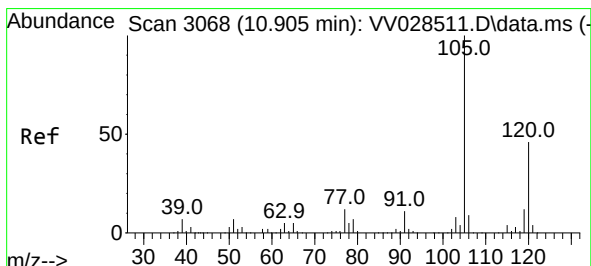
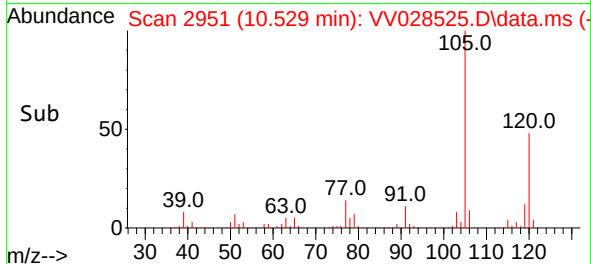
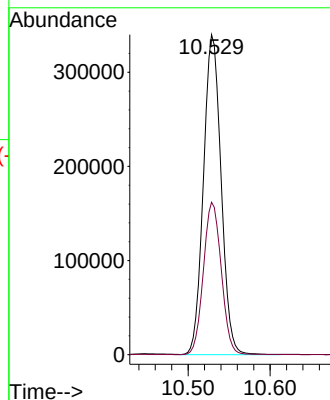
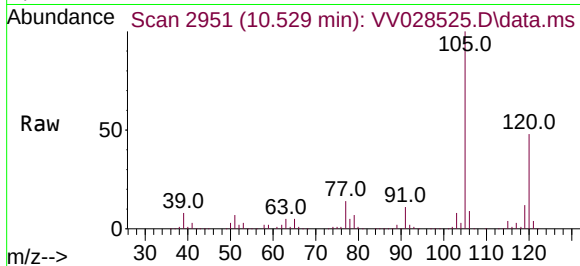




#62
1,3,5-Trimethylbenzene
Concen: 51.949 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

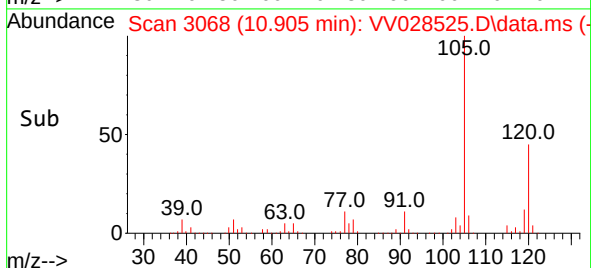
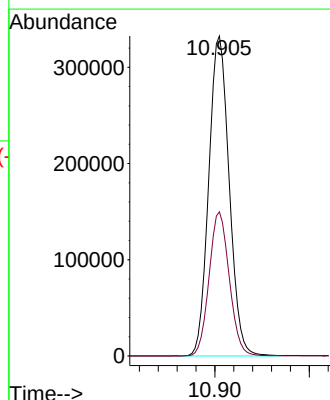
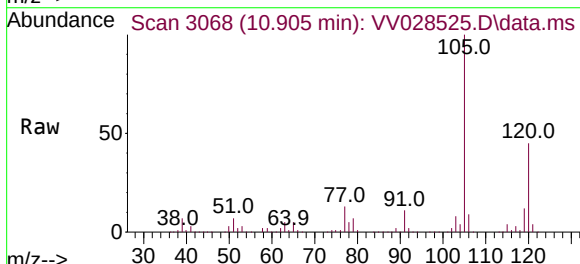
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

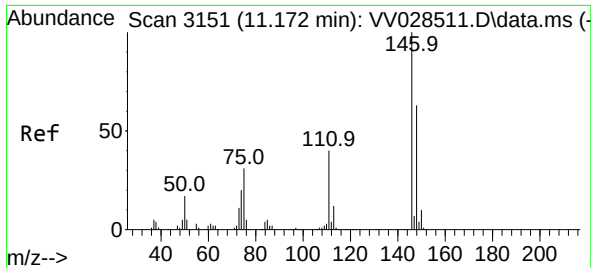
Tgt Ion:105 Resp: 509184
Ion Ratio Lower Upper
105 100
120 48.2 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 51.338 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion:105 Resp: 499466
Ion Ratio Lower Upper
105 100
120 44.5 35.9 53.9

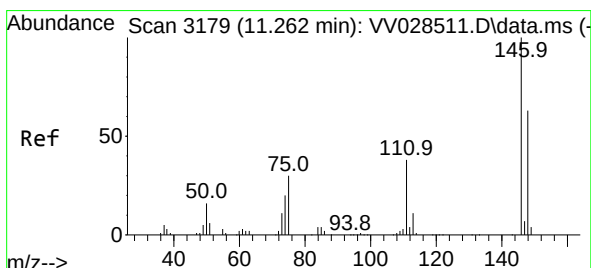
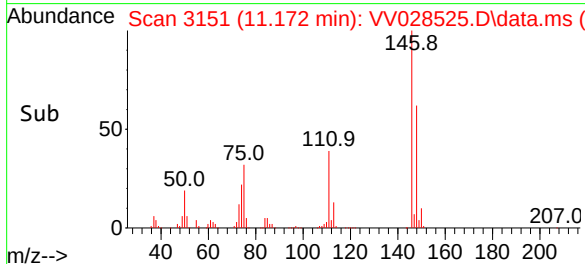
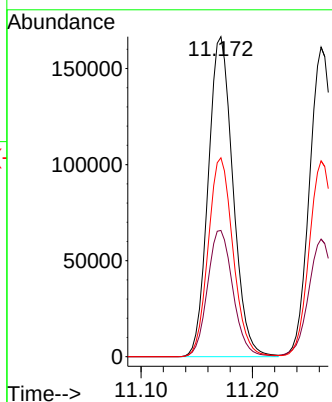
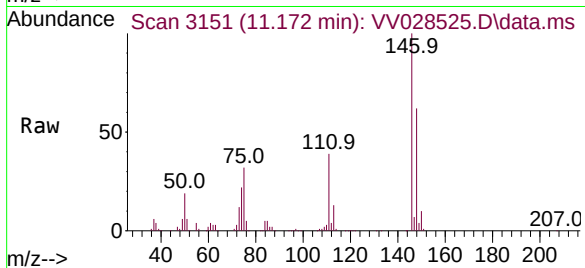




#64
1,3-Dichlorobenzene
Concen: 52.005 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

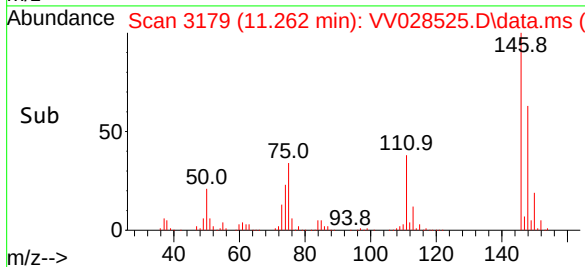
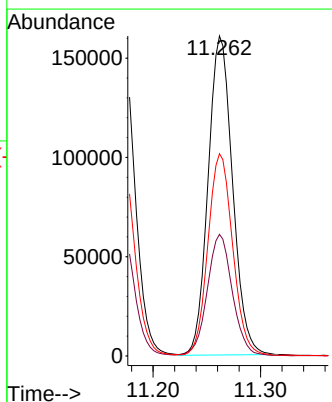
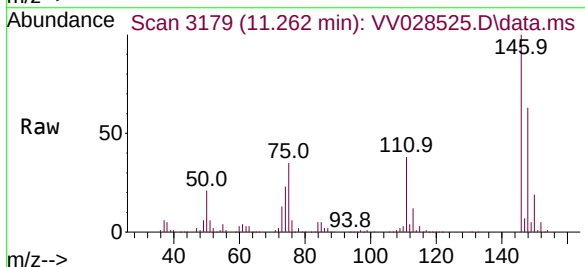
Instrument :
MSVOA_V
ClientSampleId :
VSTD050359

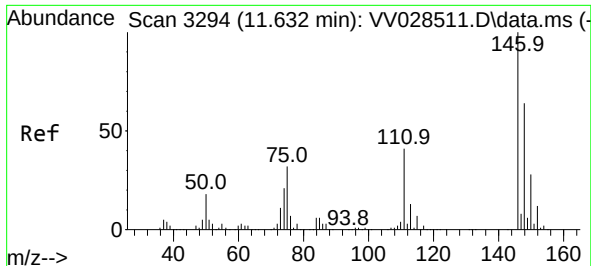
Tgt Ion:146 Resp: 257417
Ion Ratio Lower Upper
146 100
111 39.4 29.0 53.9
148 62.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 51.432 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV028525.D
Acq: 12 Oct 2022 11:24

Tgt Ion:146 Resp: 254031
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 63.2 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 51.029 ug/L

RT: 11.631 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

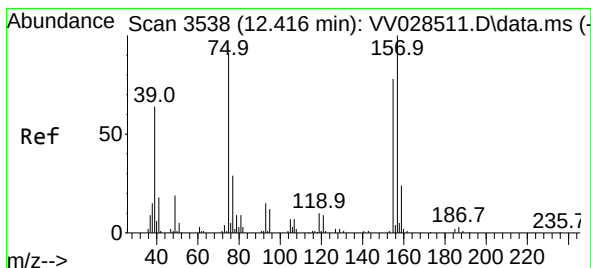
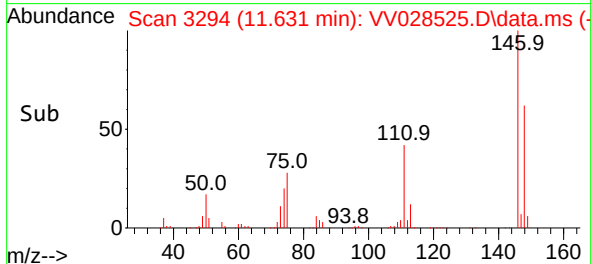
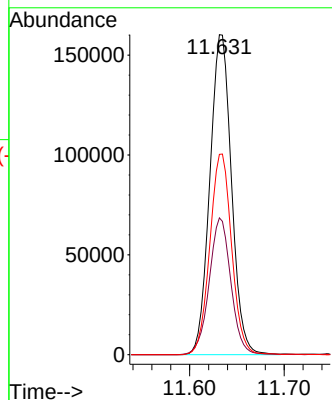
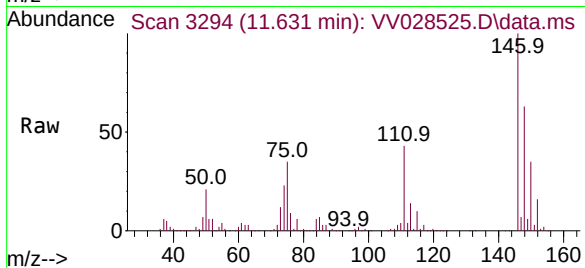
Tgt Ion:146 Resp: 254930

Ion Ratio Lower Upper

146 100

111 42.8 33.9 50.9

148 62.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.698 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

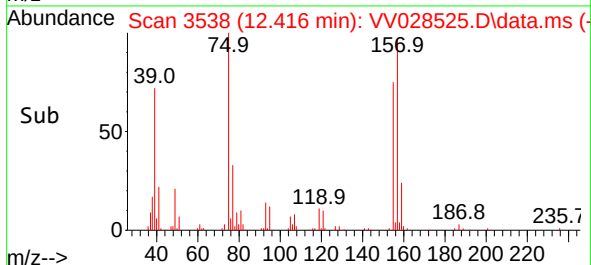
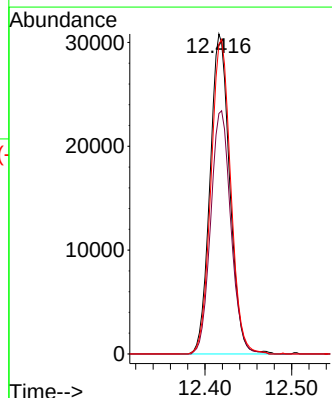
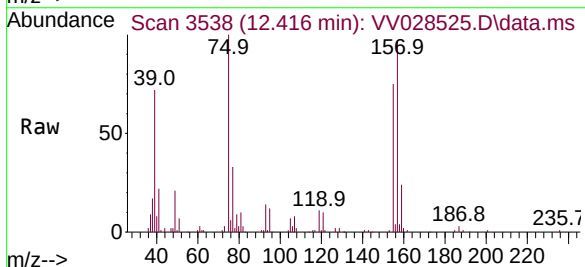
Tgt Ion: 75 Resp: 48803

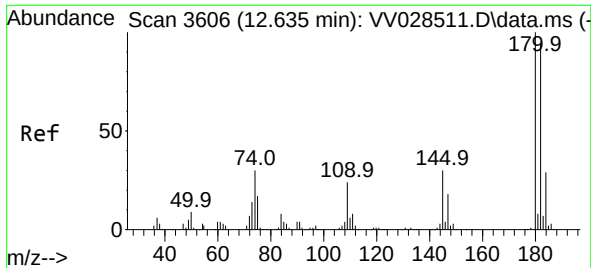
Ion Ratio Lower Upper

75 100

155 75.1 65.0 97.6

157 96.8 86.0 129.0





#69

1,3,5-Trichlorobenzene

Concen: 54.246 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

Tgt Ion:180 Resp: 203938

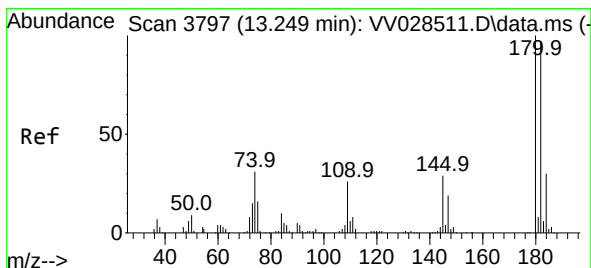
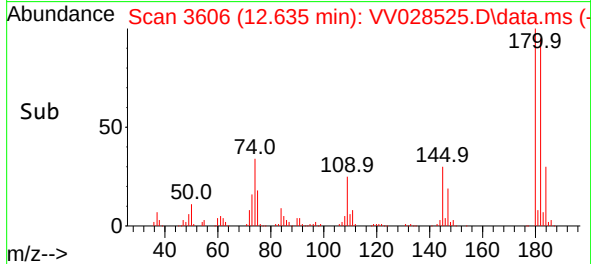
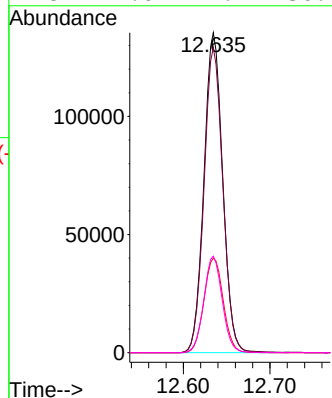
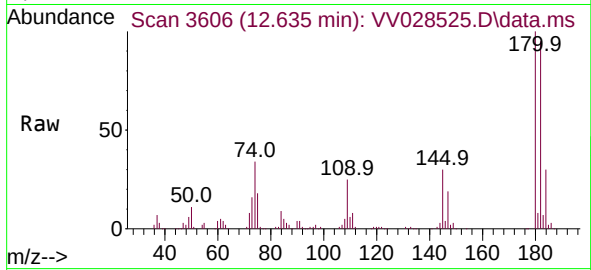
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

184 30.3 24.0 36.0

145 29.6 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 55.579 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

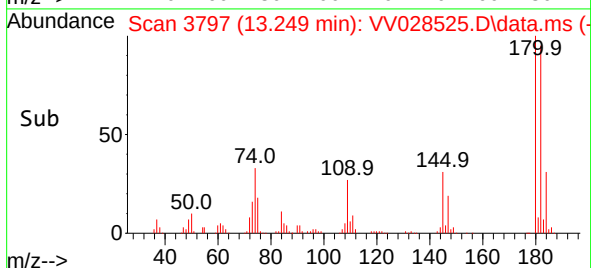
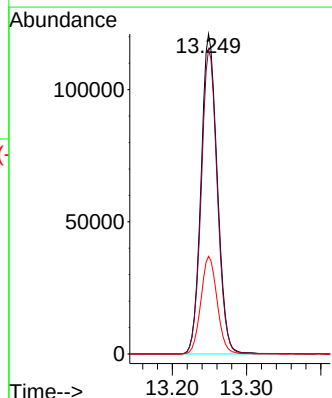
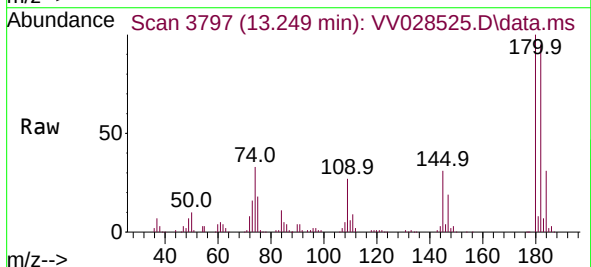
Tgt Ion:180 Resp: 184171

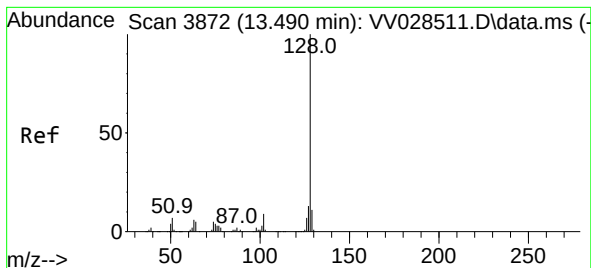
Ion Ratio Lower Upper

180 100

182 94.0 75.3 112.9

145 30.4 24.3 36.5





#71

Naphthalene

Concen: 52.289 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD050359

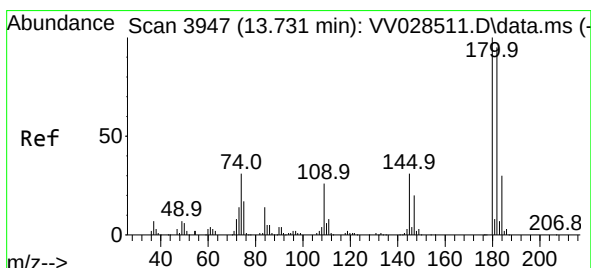
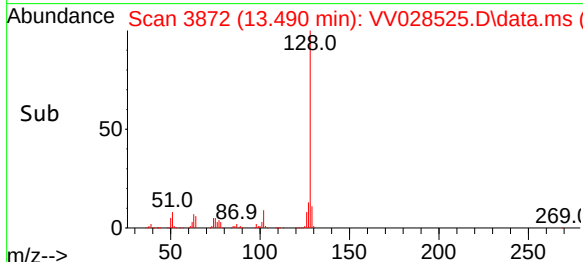
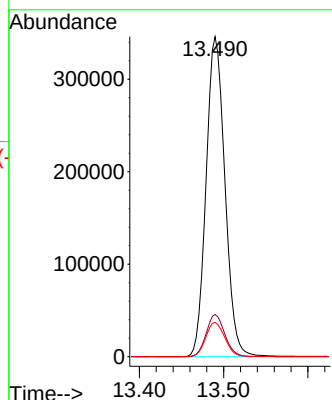
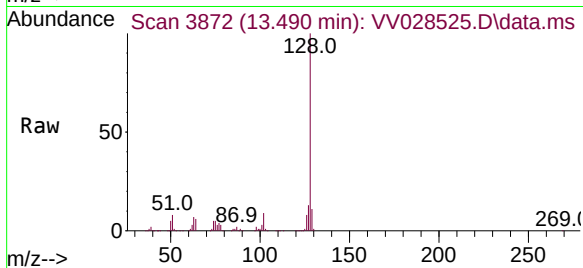
Tgt Ion:128 Resp: 538920

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 55.728 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV028525.D

Acq: 12 Oct 2022 11:24

Tgt Ion:180 Resp: 180040

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

145 32.4 26.5 39.7

