

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028547.D
 Acq On : 14 Oct 2022 12:32
 Operator : SY/MD
 Sample : VSTD00159
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001259

Quant Time: Oct 15 01:42:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	286807	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	205987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	99030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	21328	0.976	ug/L	0.00
7) Chloroethane-d5	1.558	69	16376	0.894	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	37999	0.940	ug/L	0.00
20) 2-Butanone-d5	3.944	46	50773	12.518	ug/L	0.00
24) Chloroform-d	4.336	84	30969	0.806	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	16646	0.886	ug/L	0.00
32) Benzene-d6	5.043	84	64256	1.062	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.047	67	24508	1.407	ug/L	0.00
41) Toluene-d8	7.320	98	45475	0.868	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	6370	0.996	ug/L	0.00
46) 2-Hexanone-d5	8.117	63	26392	9.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	11377	0.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	14516	0.853	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	14827	0.714	ug/L	98
3) Chloromethane	1.230	50	26241	1.182	ug/L	97
5) Vinyl chloride	1.301	62	24320	1.011	ug/L	97
6) Bromomethane	1.513	94	10249	0.908	ug/L	88
8) Chloroethane	1.574	64	16041	1.014	ug/L	98
9) Trichlorofluoromethane	1.741	101	30055	0.872	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	17663	0.915	ug/L	97
12) 1,1-Dichloroethene	2.108	96	15942	0.830	ug/L	92
13) Acetone	2.449	43	10084	3.952	ug/L	61
14) Carbon disulfide	2.281	76	49059	0.825	ug/L	97
15) Methyl Acetate	2.449	43	11494	1.592	ug/L	100
16) Methylene chloride	2.497	84	27149	1.198	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	45290	1.076	ug/L	99
18) trans-1,2-Dichloroethene	2.744	96	17528	0.865	ug/L	89
19) 1,1-Dichloroethane	3.175	63	41588	1.137	ug/L	100
21) 2-Butanone	4.027	43	57326	14.383	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	20465	0.973	ug/L #	100
23) Bromochloromethane	4.233	128	8201	0.923	ug/L	95
25) Chloroform	4.365	83	39692	1.021	ug/L	96
27) 1,2-Dichloroethane	5.133	62	24970	1.147	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	31531	1.201	ug/L	98
30) Cyclohexane	4.657	56	37612	1.526	ug/L	97
31) Carbon tetrachloride	4.815	117	25274	1.091	ug/L	98
33) Benzene	5.092	78	81371	1.269	ug/L	100
34) Trichloroethene	5.873	95	19929	1.288	ug/L	95
35) Methylcyclohexane	6.092	83	39525	1.551	ug/L	91
37) 1,2-Dichloropropane	6.159	63	21540	1.463	ug/L	98
38) Bromodichloromethane	6.522	83	24543	1.254	ug/L #	98
39) cis-1,3-Dichloropropene	7.037	75	27366	1.312	ug/L	94
40) 4-Methyl-2-pentanone	7.262	43	103675	14.422	ug/L	99
42) Toluene	7.394	91	69292	1.078	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	17411	0.998	ug/L	100

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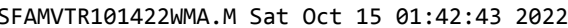
Instrument :
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 ClientSampleId :
 VSTD001259

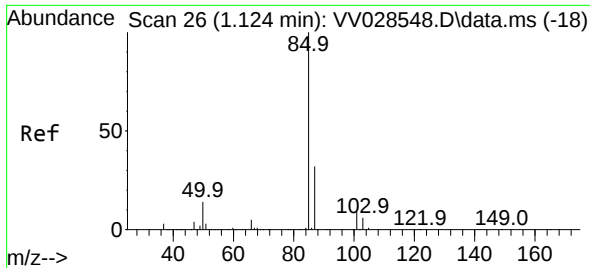
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.850	97	10994	1.058	ug/L	93
47) Tetrachloroethene	7.976	164	11651	0.915	ug/L	95
48) 2-Hexanone	8.165	43	68454	13.954	ug/L	99
49) Dibromochloromethane	8.252	129	10632	0.846	ug/L	86
50) 1,2-Dibromoethane	8.362	107	9184	1.000	ug/L	97
51) Chlorobenzene	8.882	112	43895	1.045	ug/L	98
52) Ethylbenzene	9.014	91	75764	1.115	ug/L	99
53) m,p-Xylene	9.140	106	27817	1.051	ug/L	95
54) o-Xylene	9.542	106	26641	1.049	ug/L	90
55) Styrene	9.561	104	45950	1.067	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	13331	1.134	ug/L	99
59) Bromoform	9.734	173	4962	0.821	ug/L	99
60) Isopropylbenzene	9.927	105	74550	1.214	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	9443	1.230	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	22088	1.244	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	60983	1.221	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	32021	1.098	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	30903	1.064	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	28716	1.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.422	75	1972	1.127	ug/L	98
69) 1,3,5-Trichlorobenzene	12.638	180	22514	0.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	16266	0.926	ug/L	97
71) Naphthalene	13.496	128	22533	0.810	ug/L	97
72) 1,2,3-Trichlorobenzene	13.734	180	13150	0.842	ug/L	97

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

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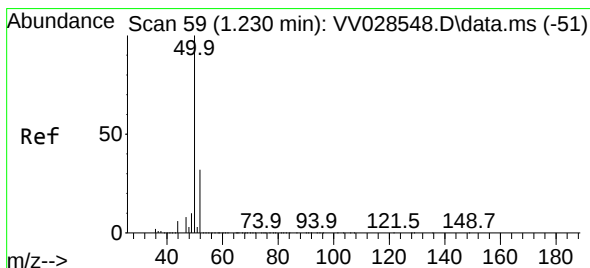
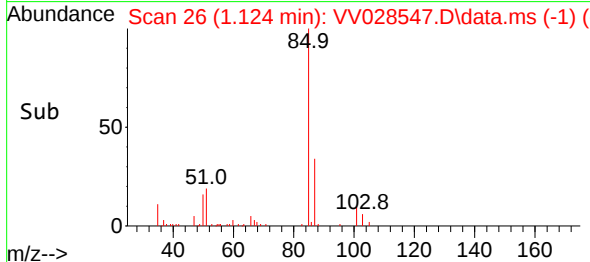
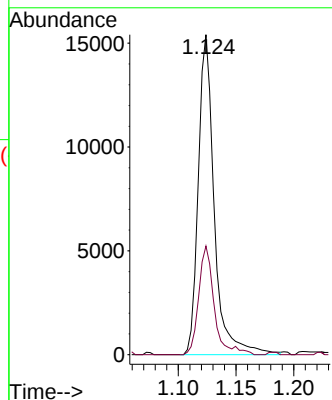
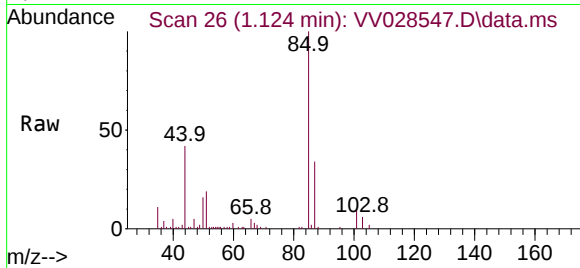




#2
Dichlorodifluoromethane
Concen: 0.714 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

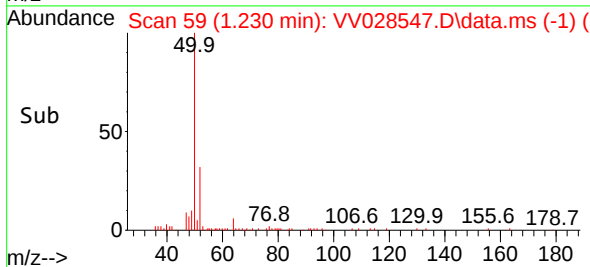
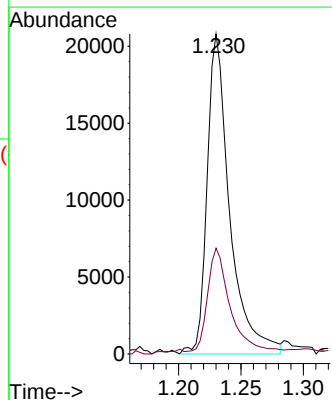
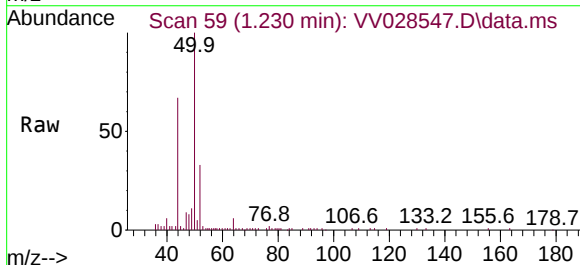
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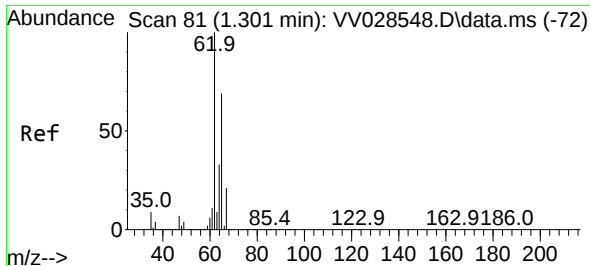
Tgt Ion: 85 Resp: 14827
Ion Ratio Lower Upper
85 100
87 32.9 25.4 38.2



#3
Chloromethane
Concen: 1.182 ug/L
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 50 Resp: 26241
Ion Ratio Lower Upper
50 100
52 33.1 22.0 41.0

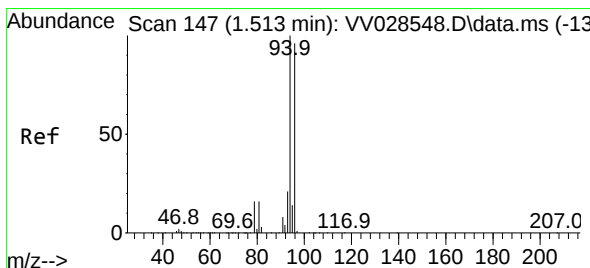
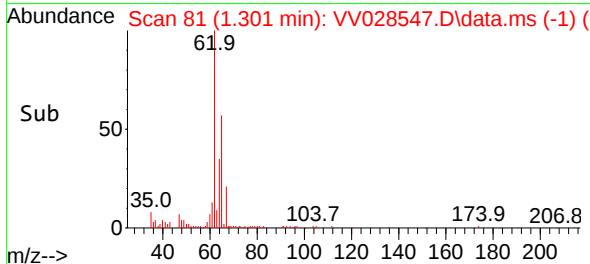
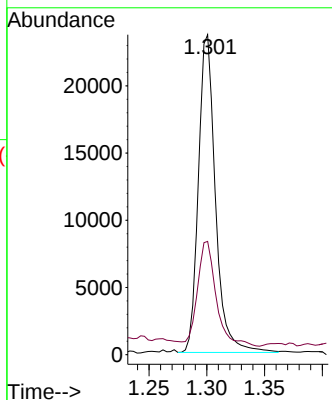
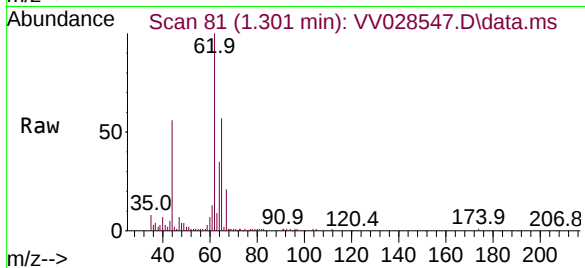




#5
 Vinyl chloride
 Concen: 1.011 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

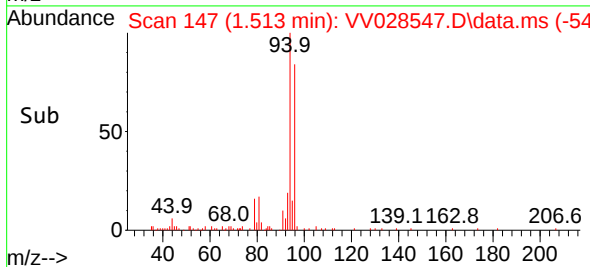
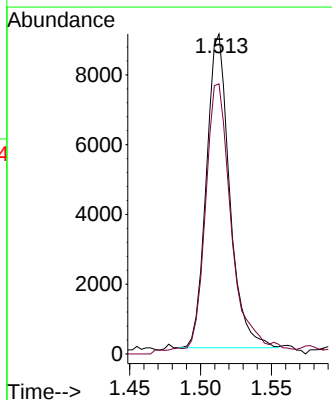
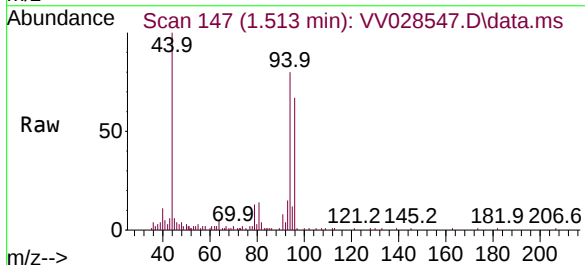
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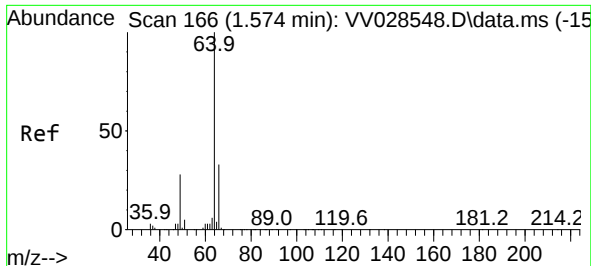
Tgt Ion: 62 Resp: 24320
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.7 44.1



#6
 Bromomethane
 Concen: 0.908 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

Tgt Ion: 94 Resp: 10249
 Ion Ratio Lower Upper
 94 100
 96 84.4 67.0 124.4

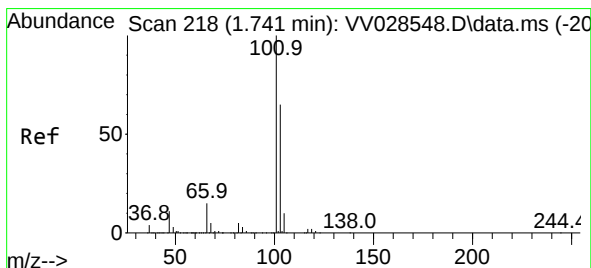
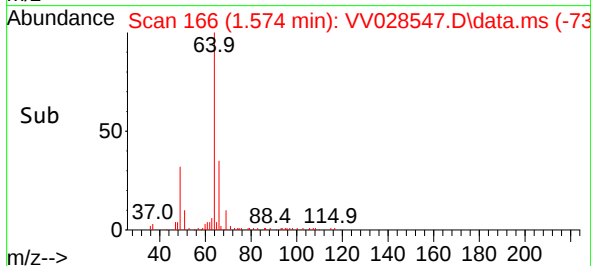
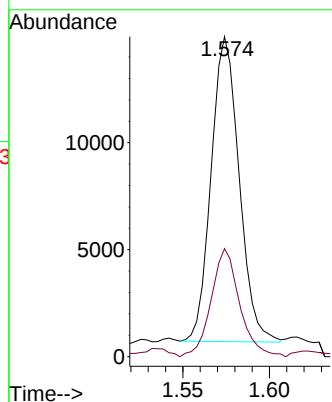
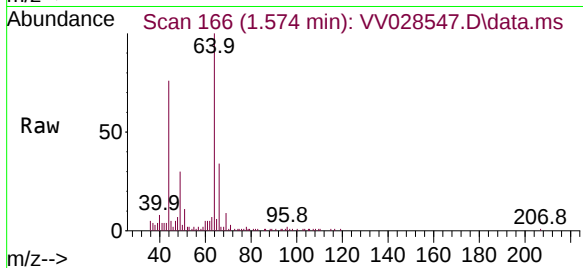




#8
Chloroethane
Concen: 1.014 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

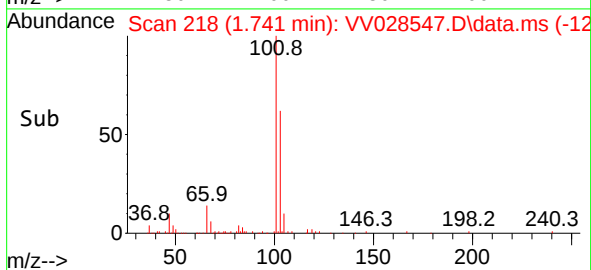
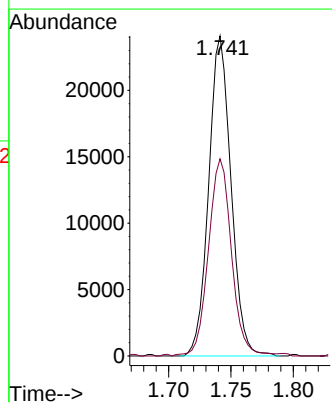
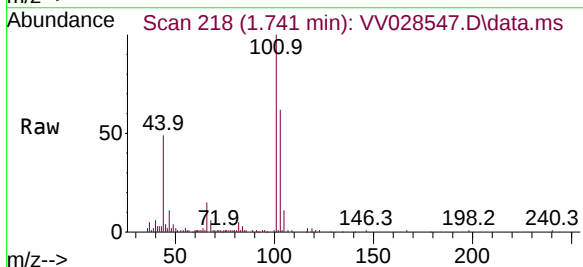
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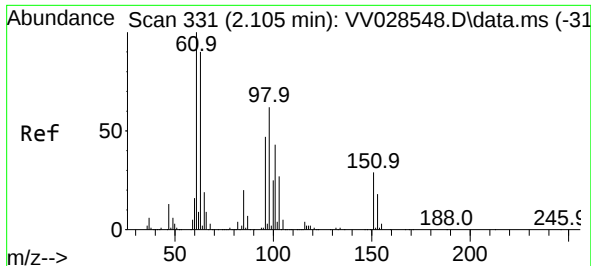
Tgt Ion: 64 Resp: 16041
Ion Ratio Lower Upper
64 100
66 33.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.872 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion:101 Resp: 30055
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

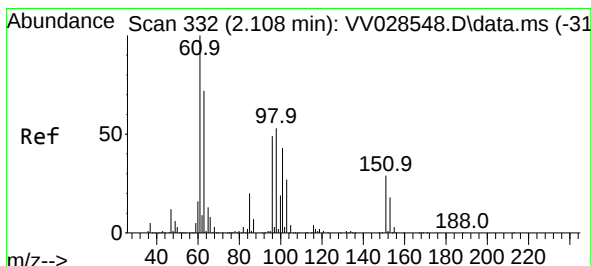
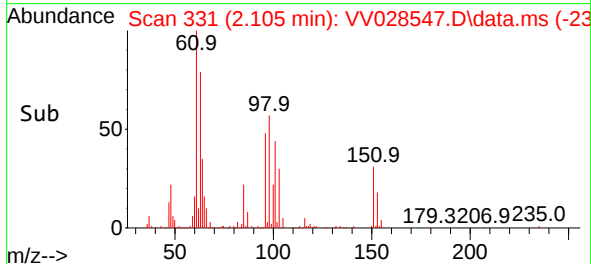
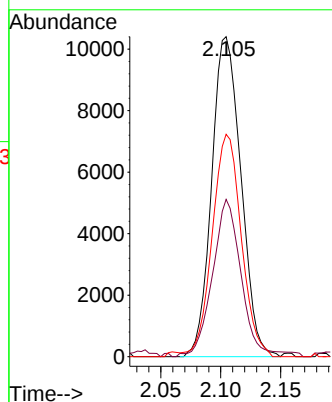
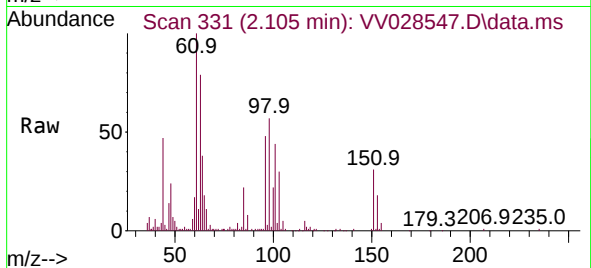




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.915 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

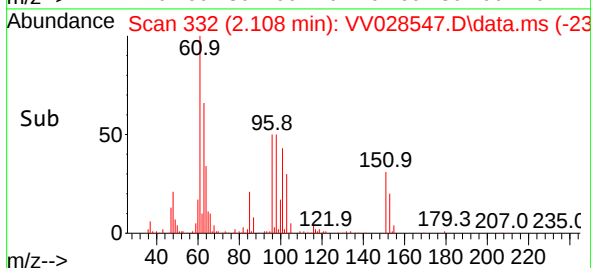
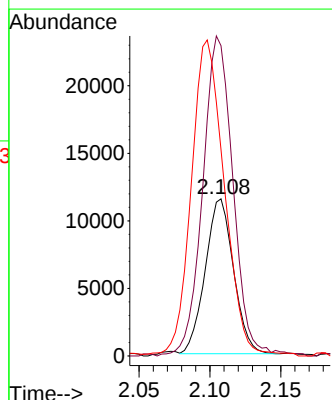
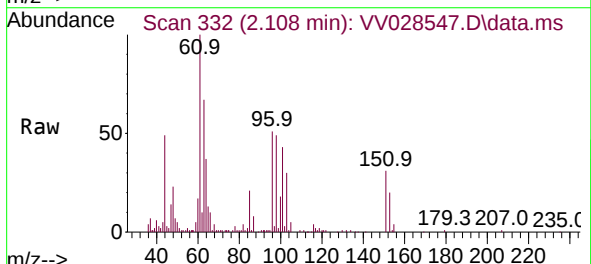
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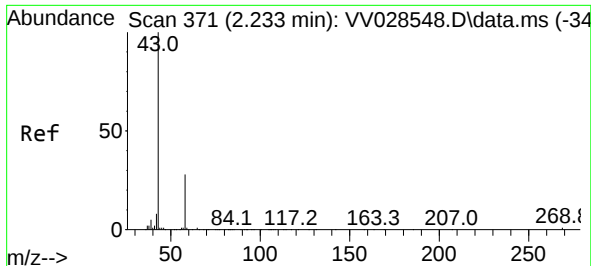
Tgt Ion:101 Resp: 17663
 Ion Ratio Lower Upper
 101 100
 85 48.3 37.3 55.9
 151 69.1 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 0.830 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

Tgt Ion: 96 Resp: 15942
 Ion Ratio Lower Upper
 96 100
 61 197.4 142.9 265.5
 63 131.3 102.3 190.1

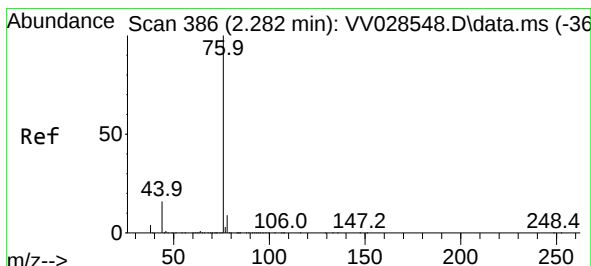
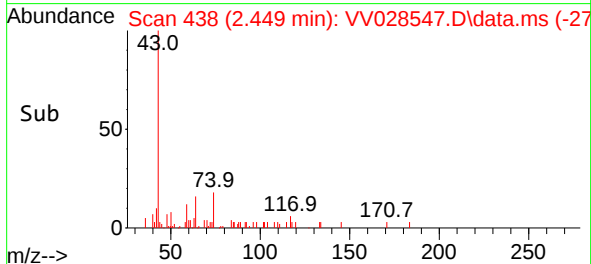
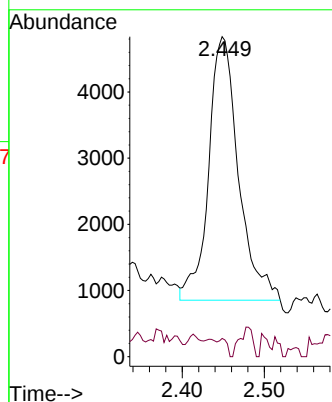
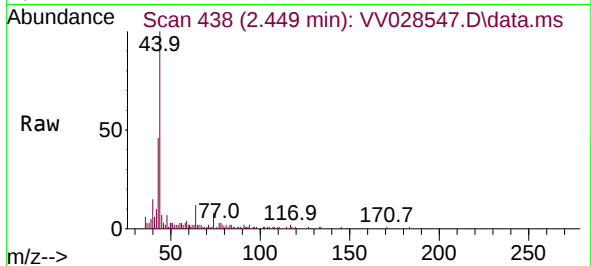




#13
Acetone
Concen: 3.952 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.215 min
Lab File: VV028547.D
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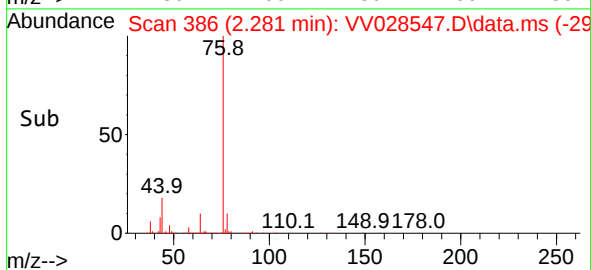
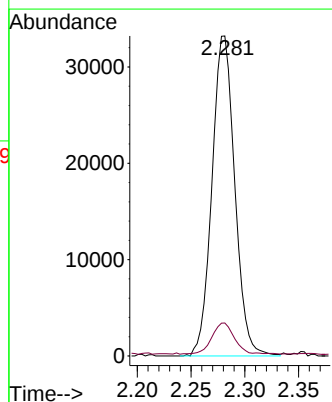
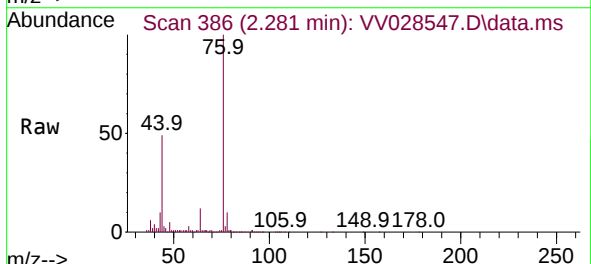
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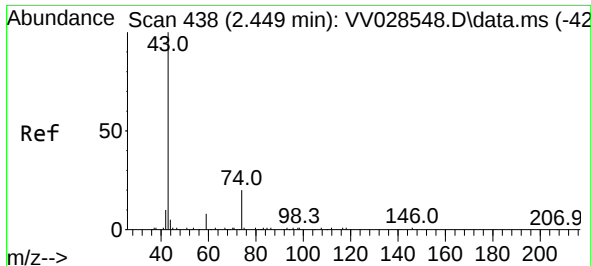
Tgt Ion: 43 Resp: 10084
Ion Ratio Lower Upper
43 100
58 4.7 0.0 48.6



#14
Carbon disulfide
Concen: 0.825 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 76 Resp: 49059
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

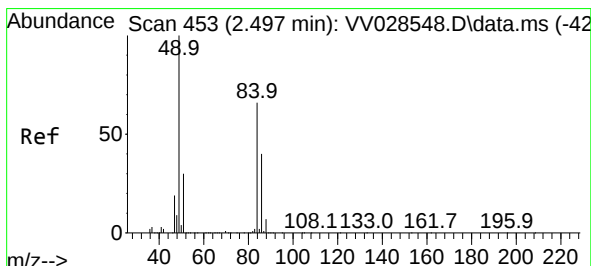
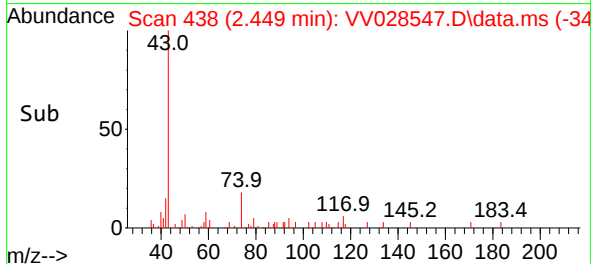
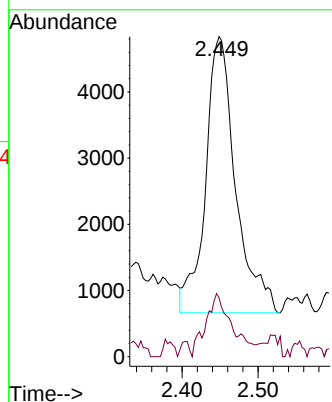
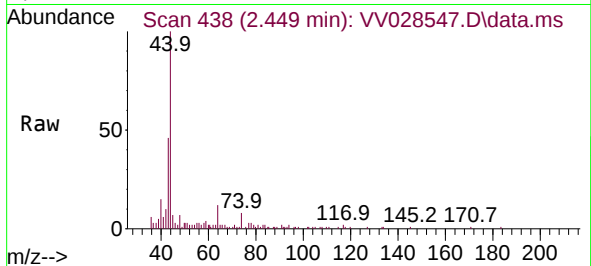




#15
Methyl Acetate
Concen: 1.592 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

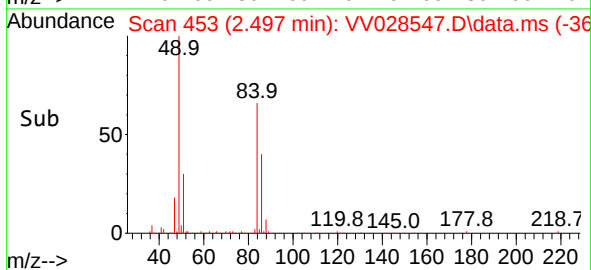
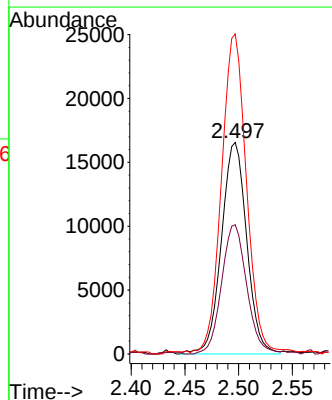
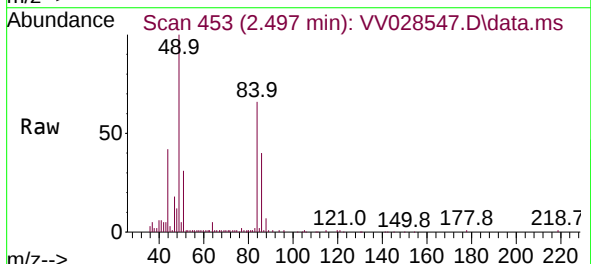
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

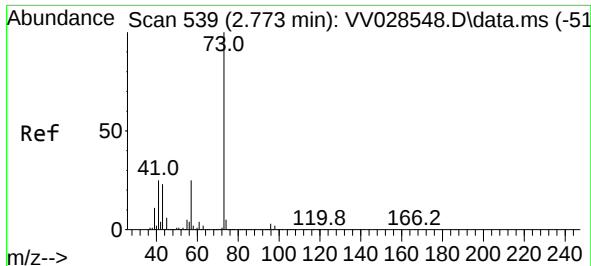
Tgt Ion: 43 Resp: 11494
Ion Ratio Lower Upper
43 100
74 17.3 13.8 20.6



#16
Methylene chloride
Concen: 1.198 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 84 Resp: 27149
Ion Ratio Lower Upper
84 100
86 61.1 42.8 79.6
49 151.3 106.4 197.6





#17

Methyl tert-butyl Ether

Concen: 1.076 ug/L

RT: 2.773 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD001259

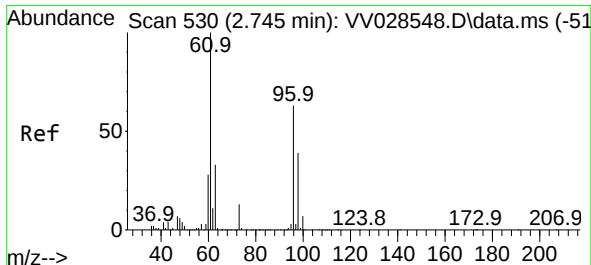
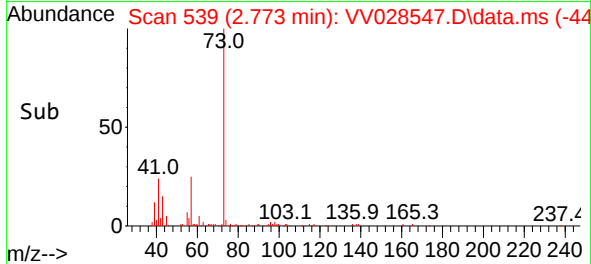
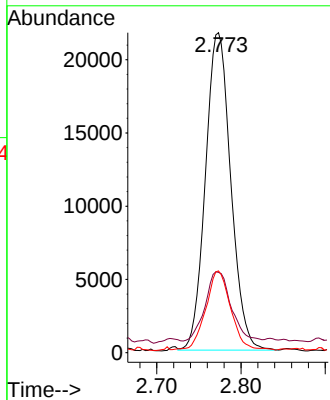
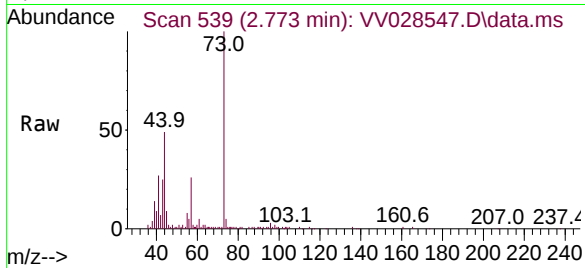
Tgt Ion: 73 Resp: 45290

Ion Ratio Lower Upper

73 100

43 22.2 18.2 27.2

57 24.6 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 0.865 ug/L

RT: 2.744 min Scan# 530

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

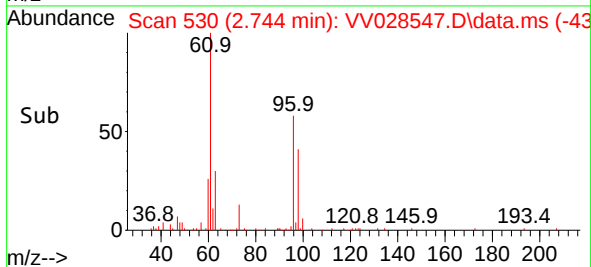
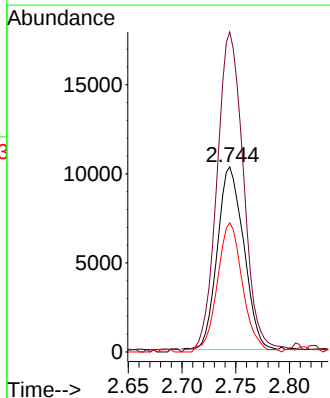
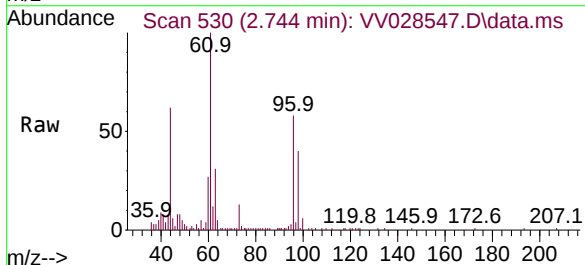
Tgt Ion: 96 Resp: 17528

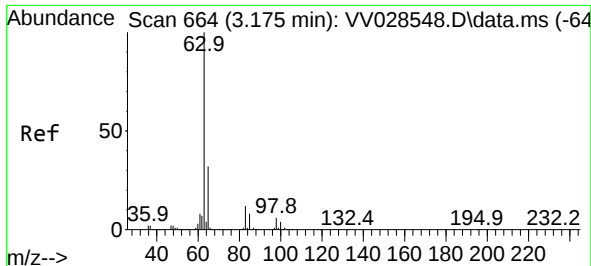
Ion Ratio Lower Upper

96 100

61 172.9 111.2 206.6

98 69.8 42.9 79.7





#19

1,1-Dichloroethane

Concen: 1.137 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD001259

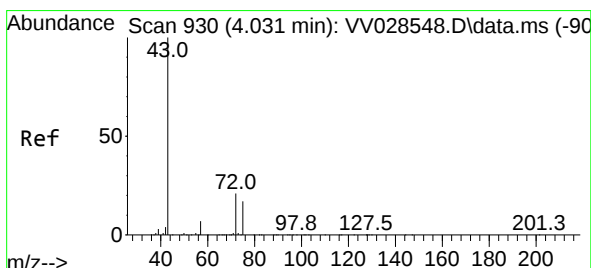
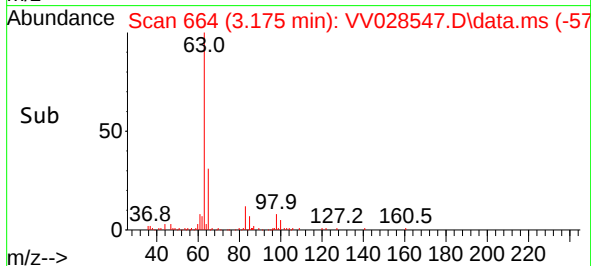
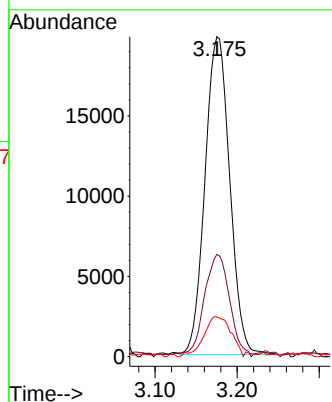
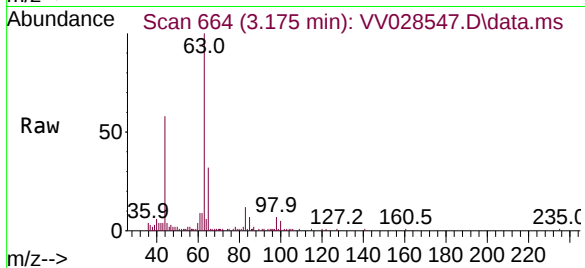
Tgt Ion: 63 Resp: 41588

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.4 8.5 15.7



#21

2-Butanone

Concen: 14.383 ug/L

RT: 4.027 min Scan# 929

Delta R.T. -0.003 min

Lab File: VV028547.D

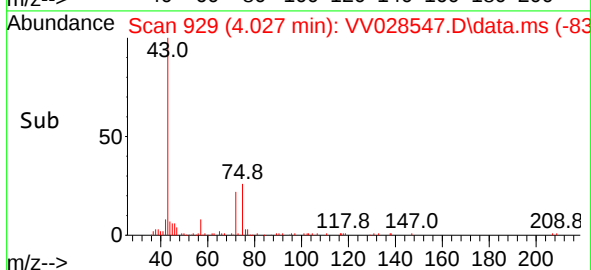
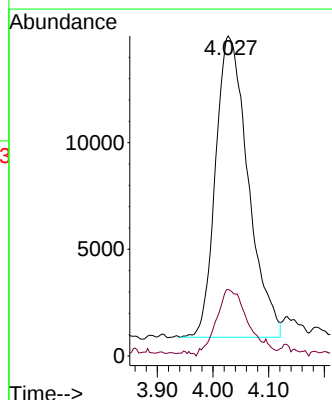
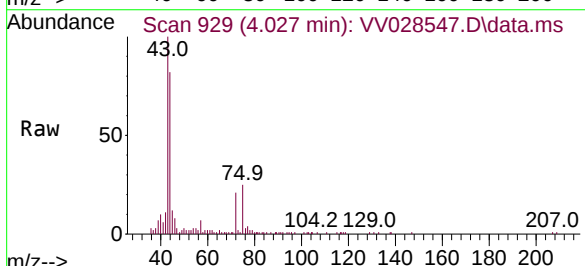
Acq: 14 Oct 2022 12:32

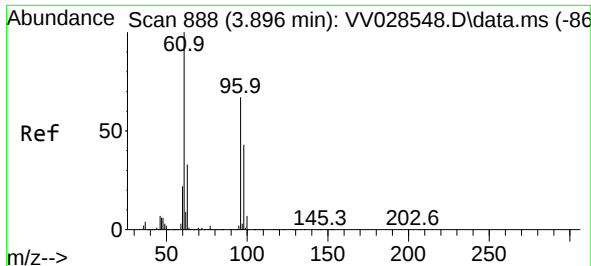
Tgt Ion: 43 Resp: 57326

Ion Ratio Lower Upper

43 100

72 20.9 11.1 33.3





#22

cis-1,2-Dichloroethene

Concen: 0.973 ug/L

RT: 3.899 min Scan# 888

Delta R.T. 0.003 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD001259

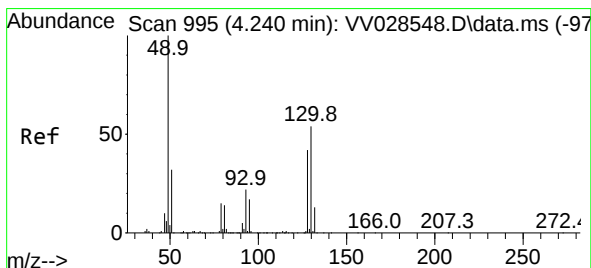
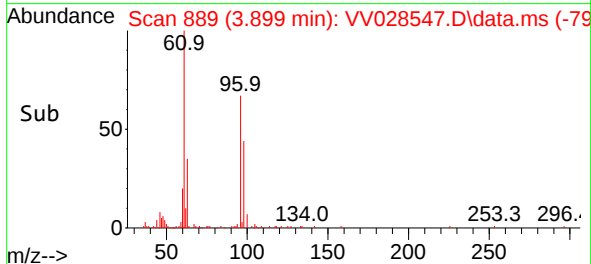
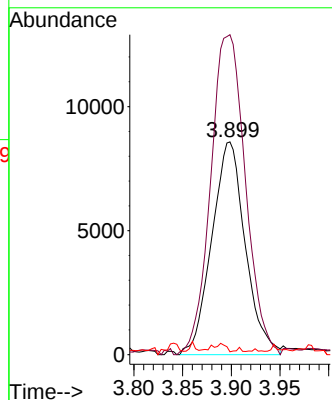
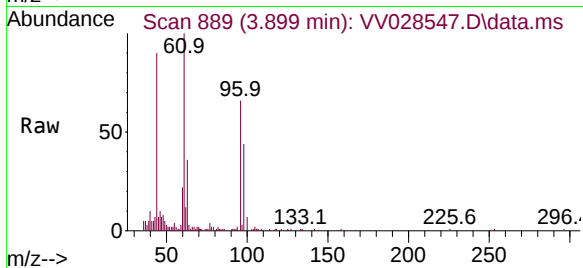
Tgt Ion: 96 Resp: 20465

Ion Ratio Lower Upper

96 100

61 150.4 105.1 195.3

68 1.3 0.5 0.9#



#23

Bromochloromethane

Concen: 0.923 ug/L

RT: 4.233 min Scan# 993

Delta R.T. -0.007 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Tgt Ion: 128 Resp: 8201

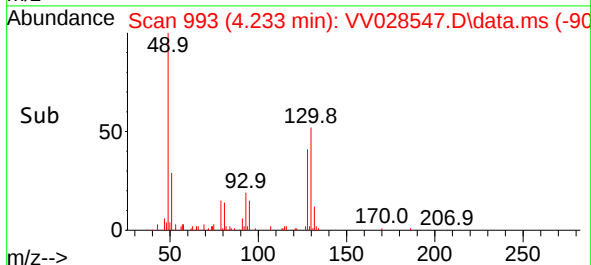
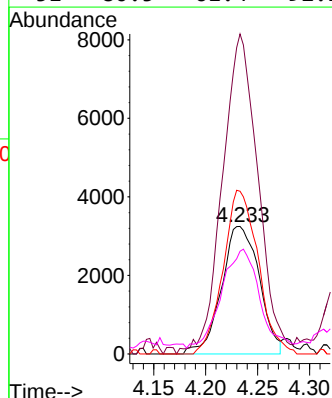
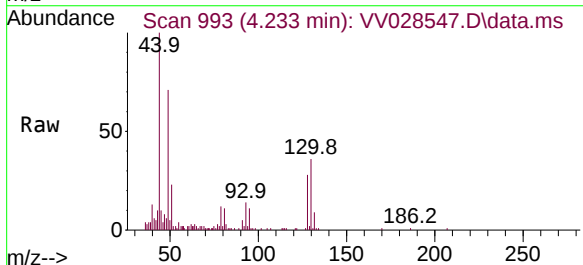
Ion Ratio Lower Upper

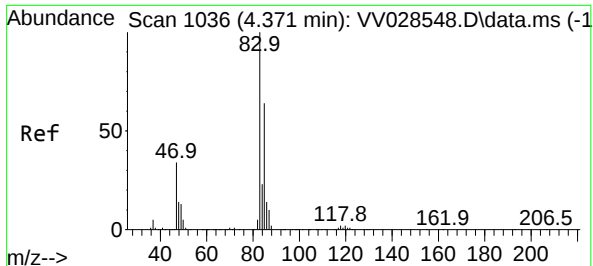
128 100

49 251.0 165.8 308.0

130 127.7 88.8 165.0

51 80.5 61.4 92.2





#25

Chloroform

Concen: 1.021 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.007 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

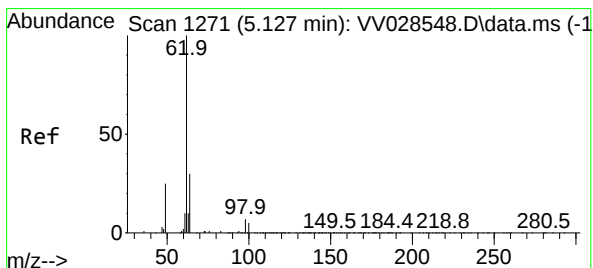
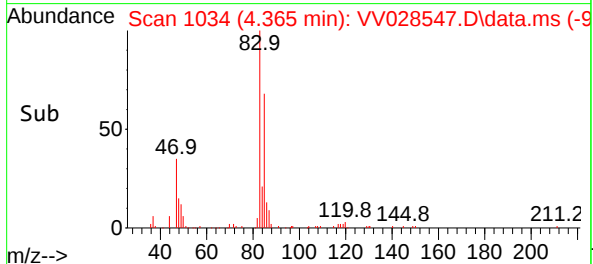
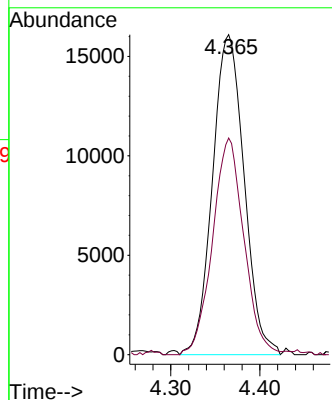
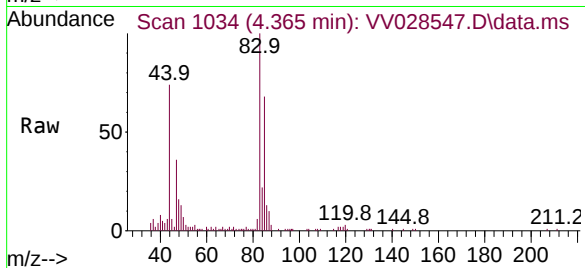
VSTD001259

Tgt Ion: 83 Resp: 39692

Ion Ratio Lower Upper

83 100

85 67.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 1.147 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV028547.D

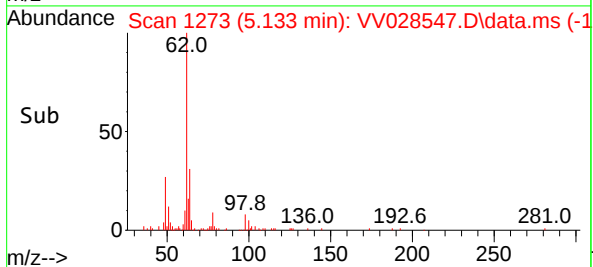
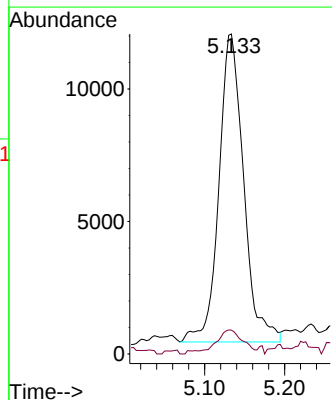
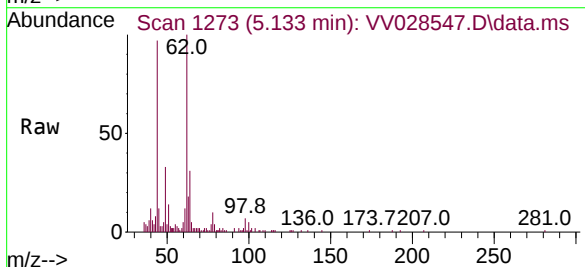
Acq: 14 Oct 2022 12:32

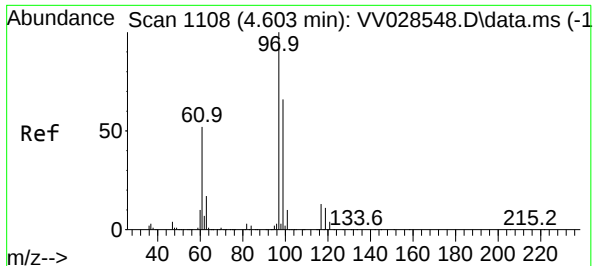
Tgt Ion: 62 Resp: 24970

Ion Ratio Lower Upper

62 100

98 7.5 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 1.201 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.010 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD001259

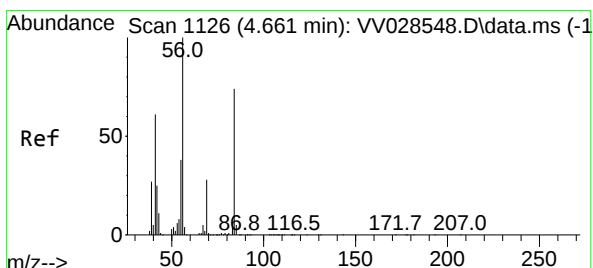
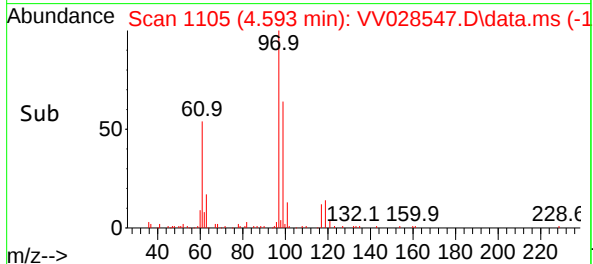
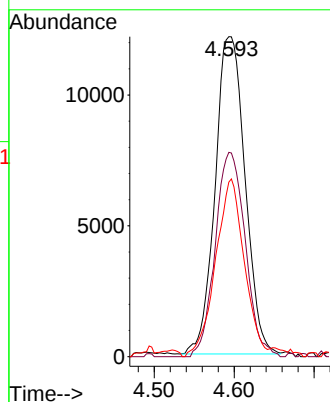
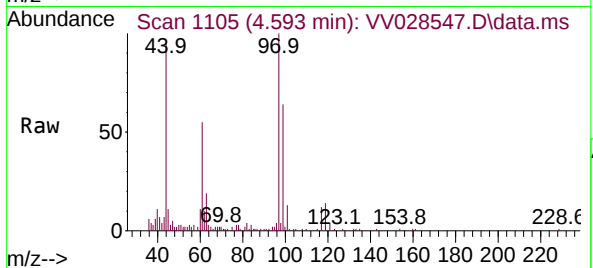
Tgt Ion: 97 Resp: 31531

Ion Ratio Lower Upper

97 100

99 64.5 52.6 78.8

61 53.7 42.1 63.1



#30

Cyclohexane

Concen: 1.526 ug/L

RT: 4.657 min Scan# 1125

Delta R.T. -0.003 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

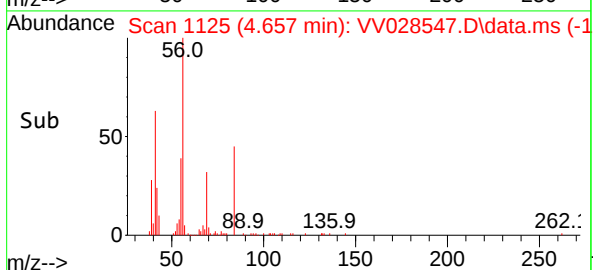
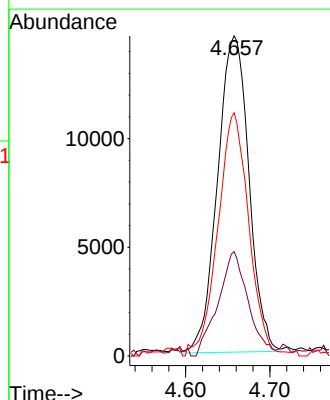
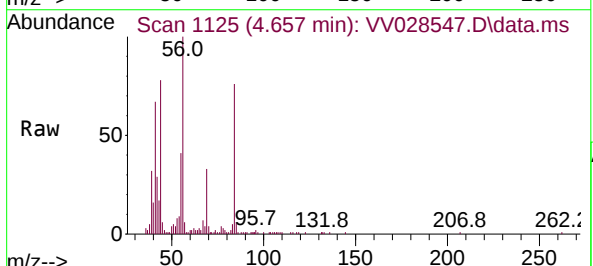
Tgt Ion: 56 Resp: 37612

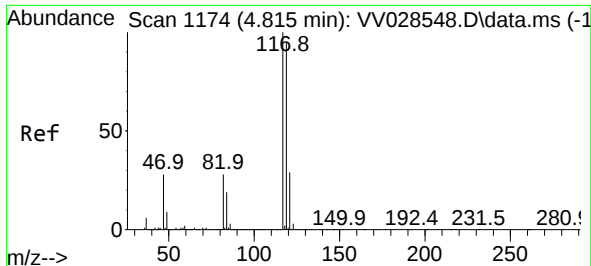
Ion Ratio Lower Upper

56 100

69 31.6 22.4 33.6

84 75.9 60.1 90.1

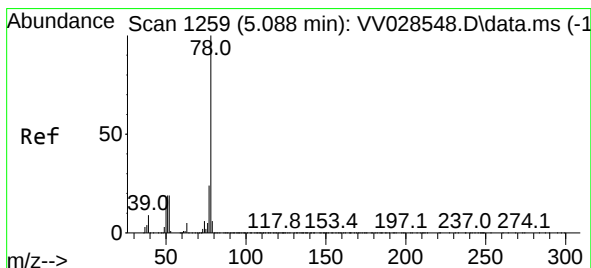
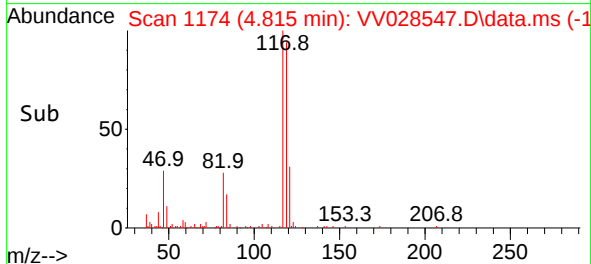
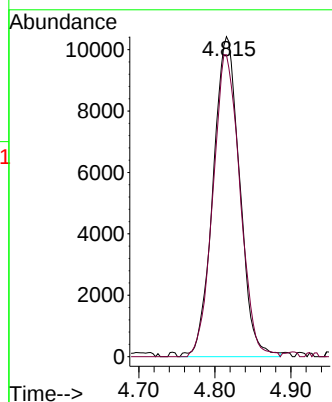
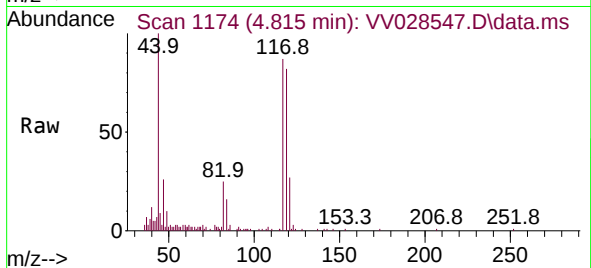




#31
Carbon tetrachloride
Concen: 1.091 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

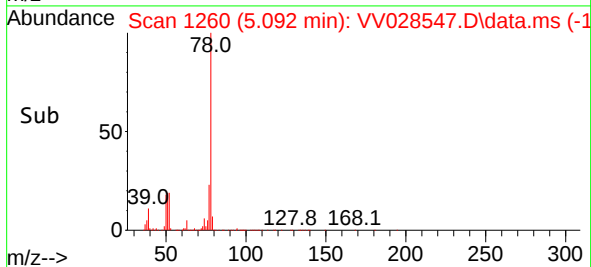
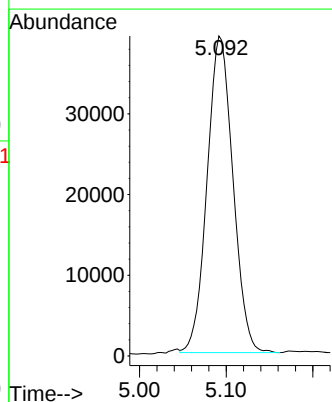
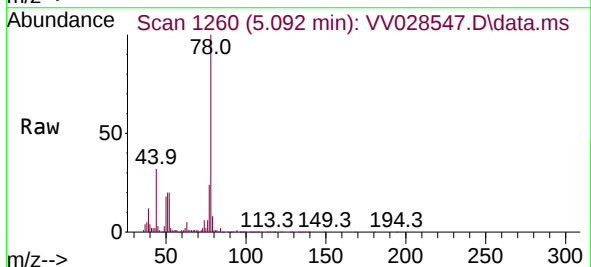
Instrument : MSVOA_V
ClientSampleId : VSTD001259

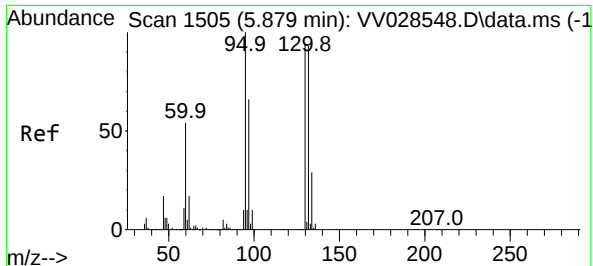
Tgt Ion:117 Resp: 25274
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3



#33
Benzene
Concen: 1.269 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 78 Resp: 81371

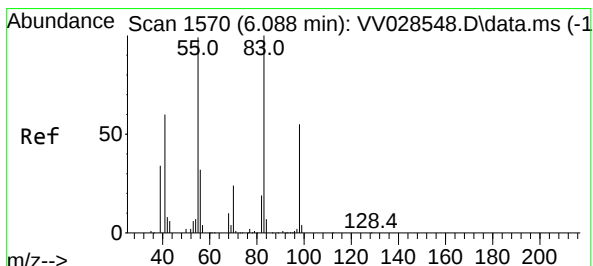
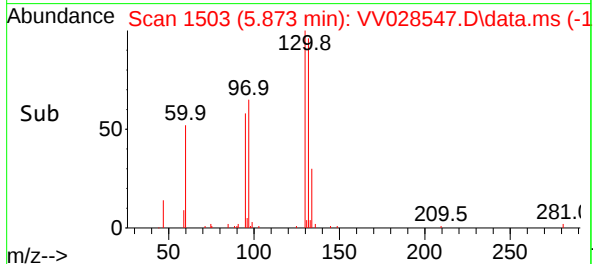
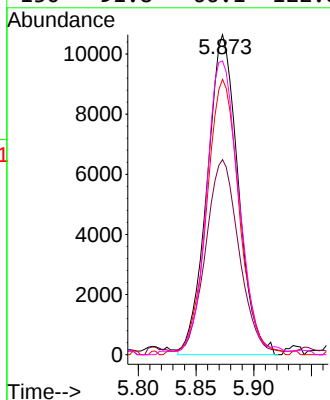
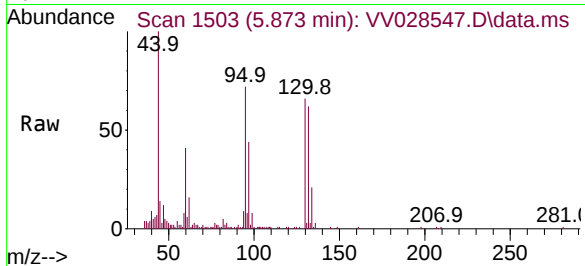




#34
Trichloroethene
Concen: 1.288 ug/L
RT: 5.873 min Scan# 1505
Delta R.T. -0.007 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

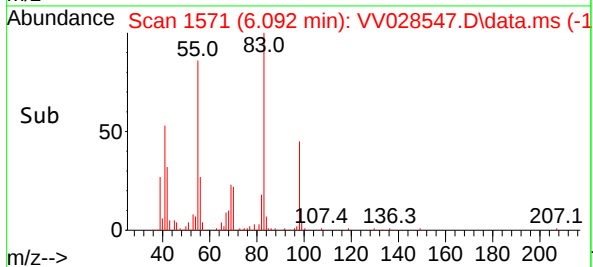
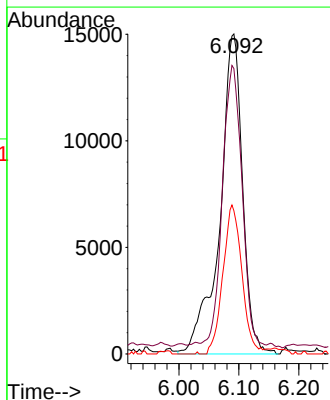
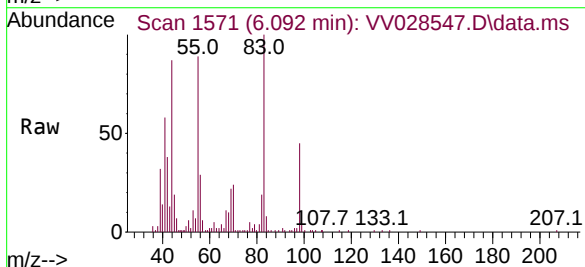
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

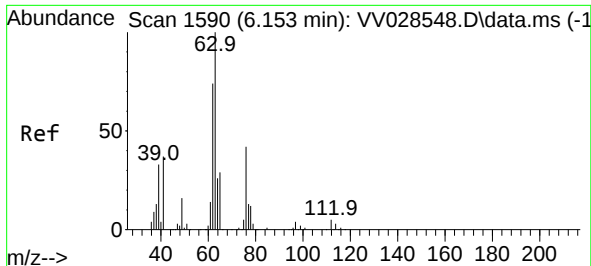
Tgt Ion: 95 Resp: 19929
Ion Ratio Lower Upper
95 100
97 60.9 46.2 85.8
132 86.0 65.1 120.9
130 91.8 66.1 122.8



#35
Methylcyclohexane
Concen: 1.551 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 83 Resp: 39525
Ion Ratio Lower Upper
83 100
55 74.3 65.0 97.6
98 38.9 36.4 54.6





#37

1,2-Dichloropropane

Concen: 1.463 ug/L

RT: 6.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

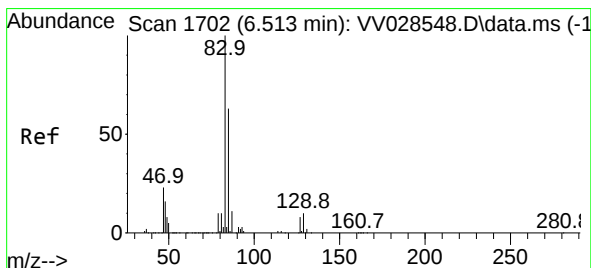
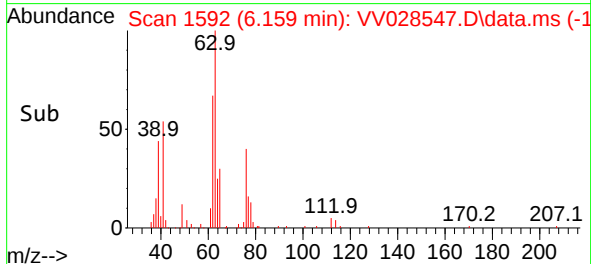
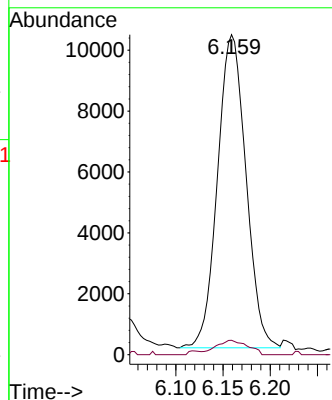
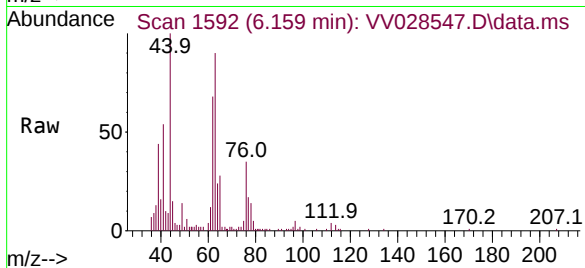
VSTD001259

Tgt Ion: 63 Resp: 21540

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.2



#38

Bromodichloromethane

Concen: 1.254 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.010 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

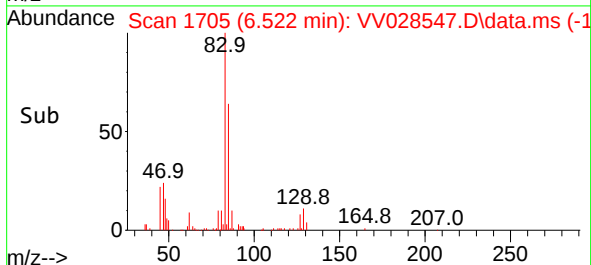
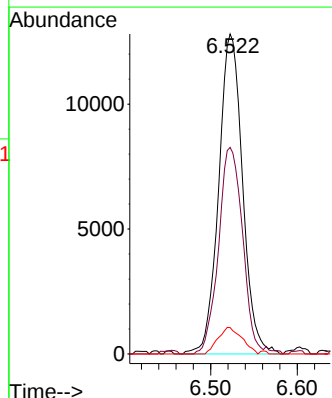
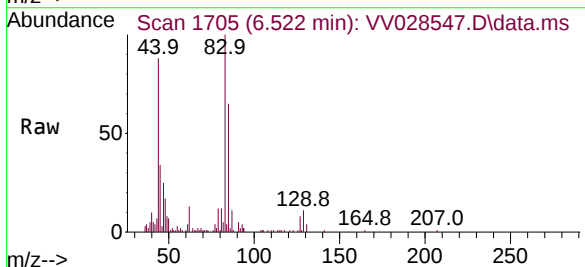
Tgt Ion: 83 Resp: 24543

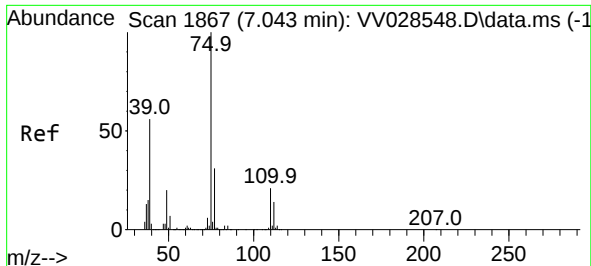
Ion Ratio Lower Upper

83 100

85 64.5 44.2 82.0

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 1.312 ug/L

RT: 7.037 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

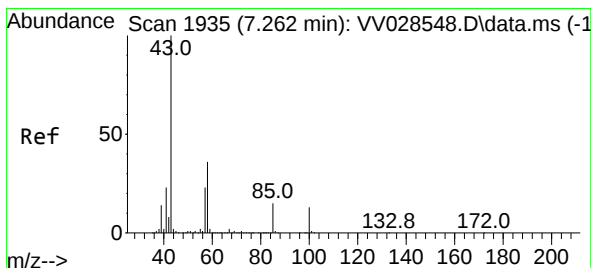
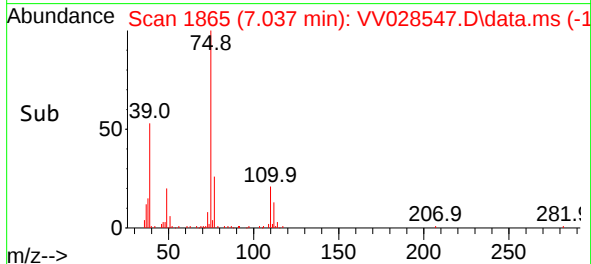
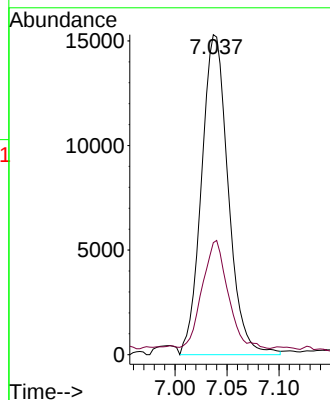
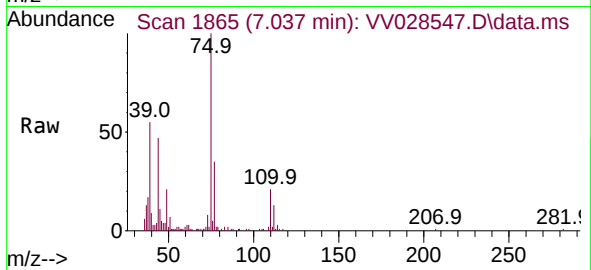
VSTD001259

Tgt Ion: 75 Resp: 27366

Ion Ratio Lower Upper

75 100

77 35.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 14.422 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

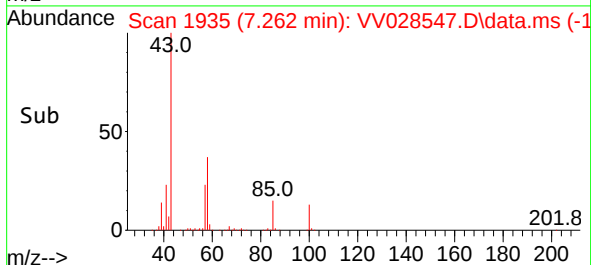
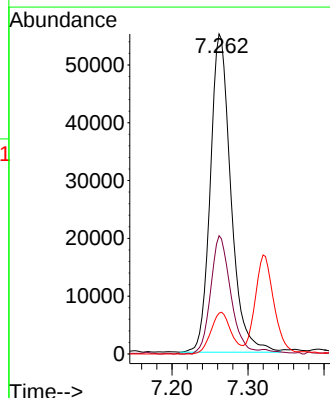
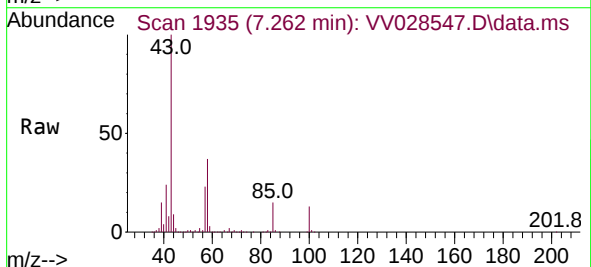
Tgt Ion: 43 Resp: 103675

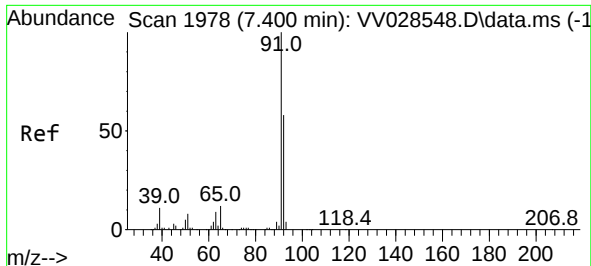
Ion Ratio Lower Upper

43 100

58 36.3 29.3 43.9

100 13.0 10.0 15.0





#42

Toluene

Concen: 1.078 ug/L

RT: 7.394 min Scan# 1978

Delta R.T. -0.007 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

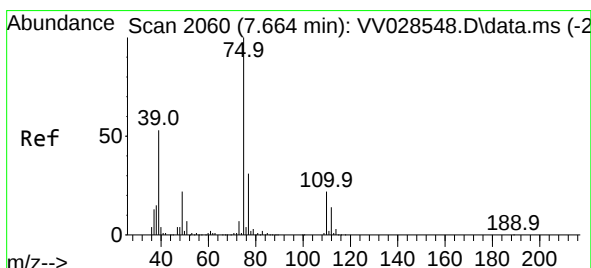
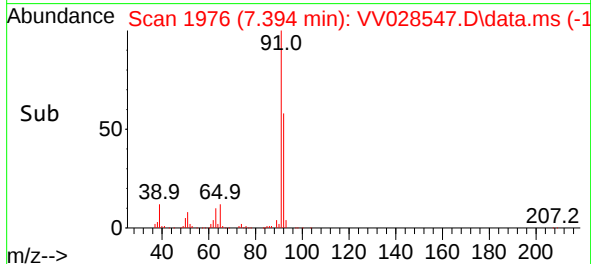
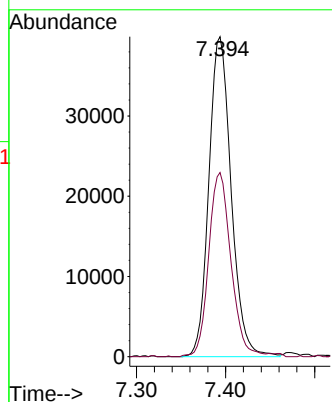
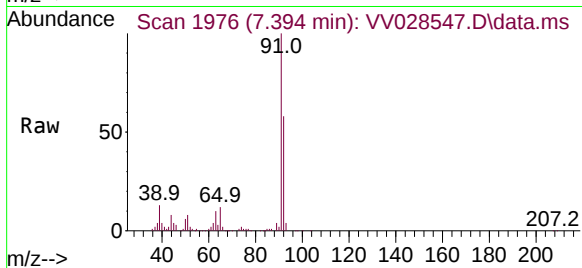
VSTD001259

Tgt Ion: 91 Resp: 69292

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. -0.003 min

Lab File: VV028547.D

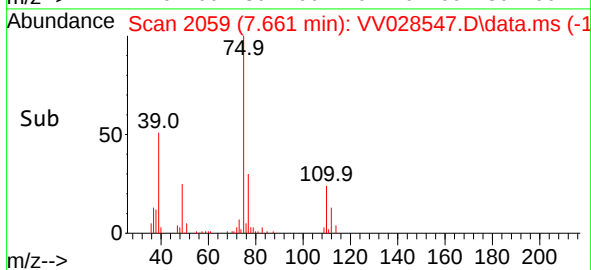
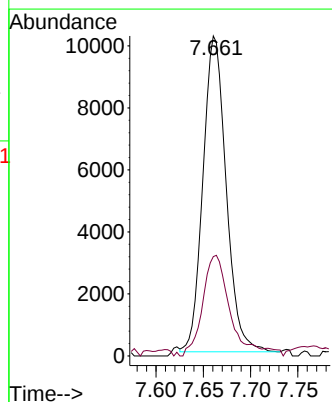
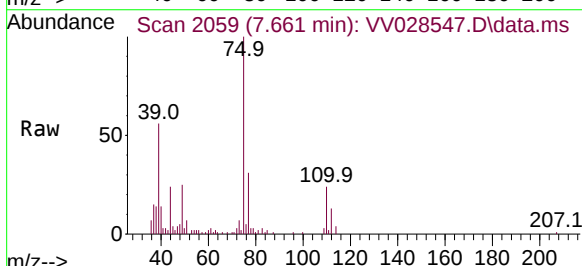
Acq: 14 Oct 2022 12:32

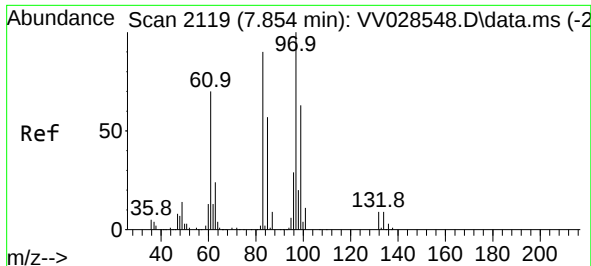
Tgt Ion: 75 Resp: 17411

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3

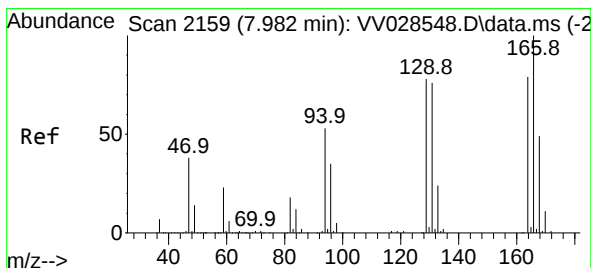
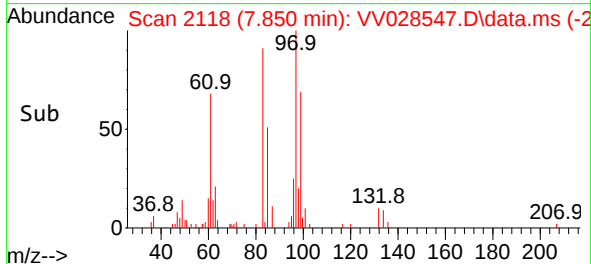
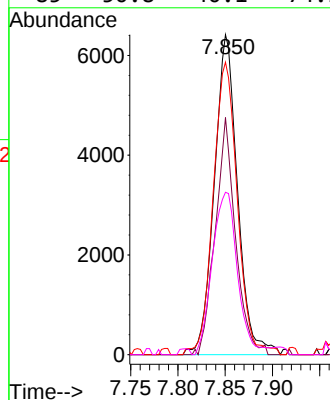
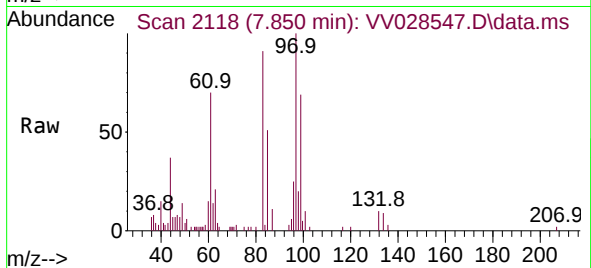




#45
1,1,2-Trichloroethane
Concen: 1.058 ug/L
RT: 7.850 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

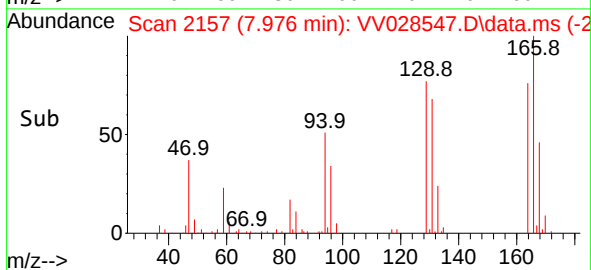
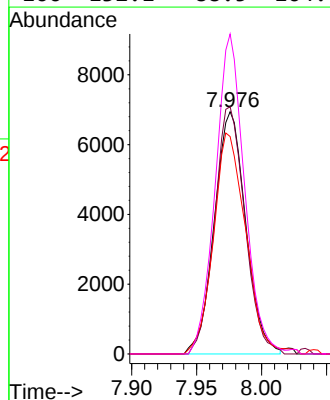
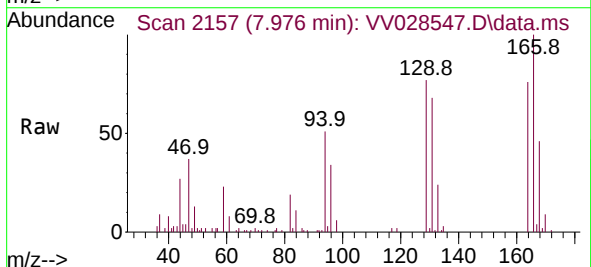
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

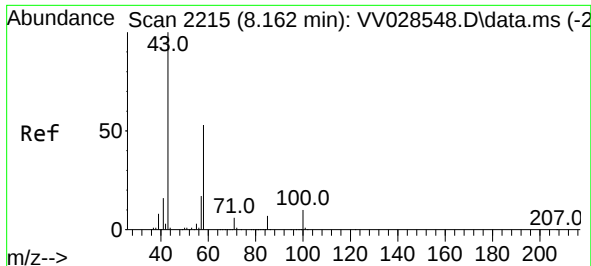
Tgt Ion:	97	Resp:	10994
Ion	Ratio	Lower	Upper
97	100		
99	74.1	44.4	82.4
83	91.4	63.1	117.1
85	50.8	40.1	74.5



#47
Tetrachloroethene
Concen: 0.915 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.007 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion:	164	Resp:	11651
Ion	Ratio	Lower	Upper
164	100		
129	102.0	69.3	128.7
131	89.7	67.3	125.1
166	132.1	88.5	164.4

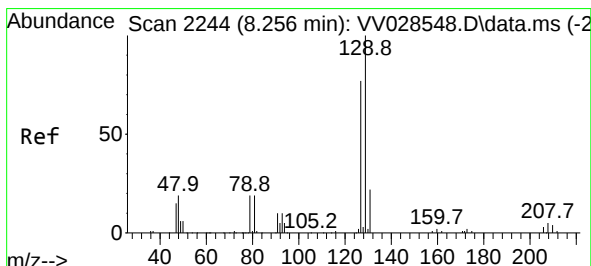
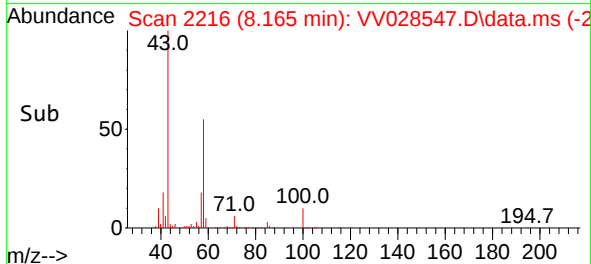
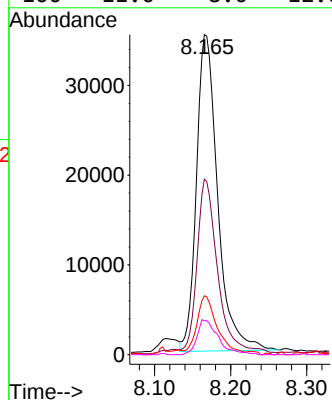
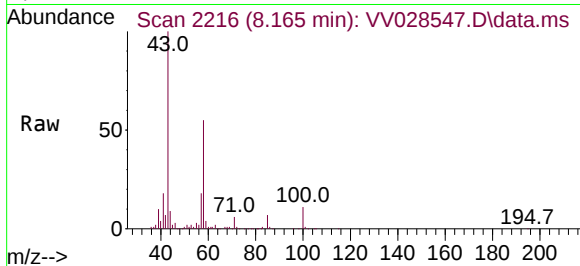




#48
2-Hexanone
Concen: 13.954 ug/L
RT: 8.165 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

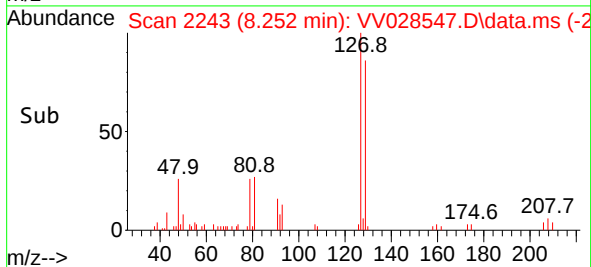
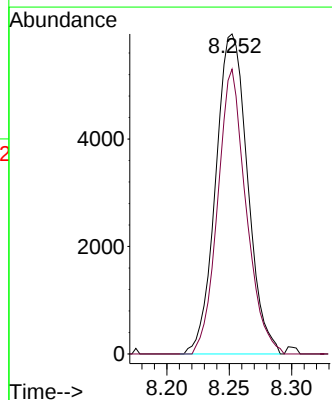
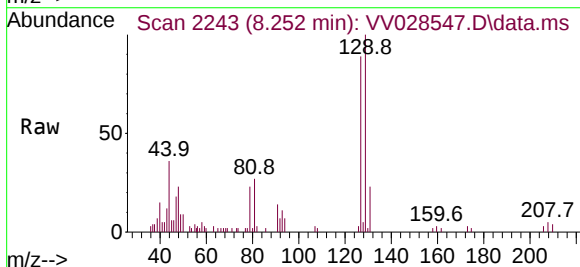
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

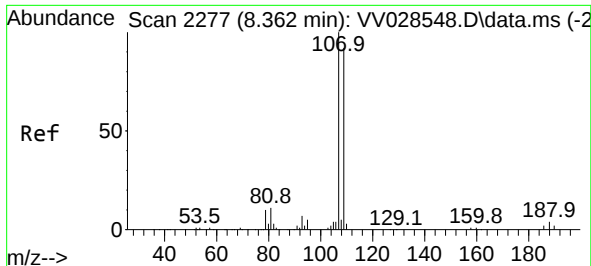
Tgt Ion: 43 Resp: 68454
Ion Ratio Lower Upper
43 100
58 52.9 42.5 63.7
57 16.5 14.5 21.7
100 11.0 8.0 12.0



#49
Dibromochloromethane
Concen: 0.846 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 129 Resp: 10632
Ion Ratio Lower Upper
129 100
127 89.0 53.8 100.0

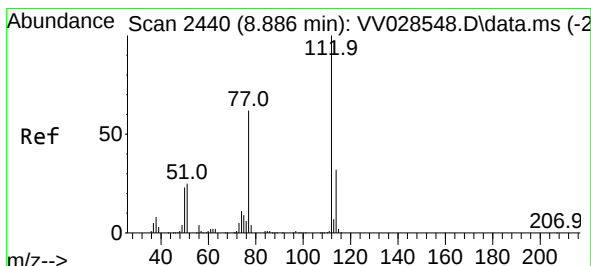
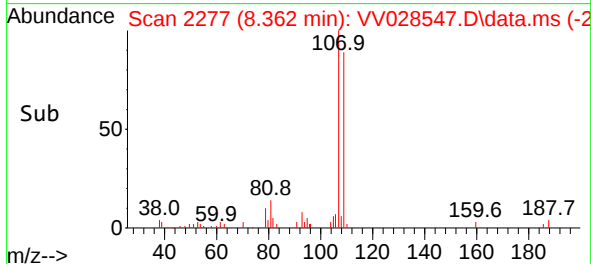
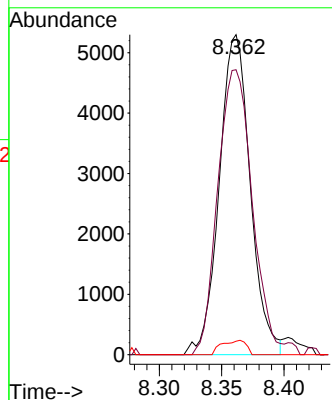
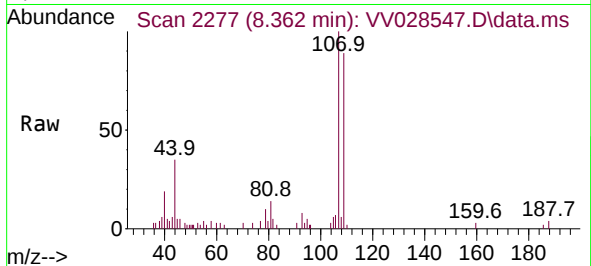




#50
1,2-Dibromoethane
Concen: 1.000 ug/L
RT: 8.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

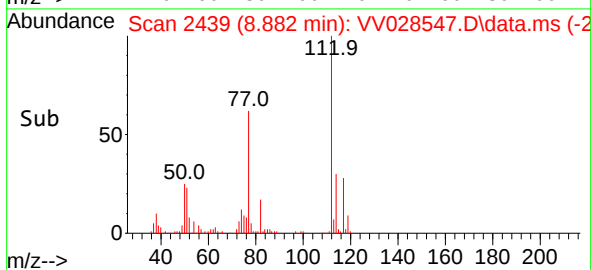
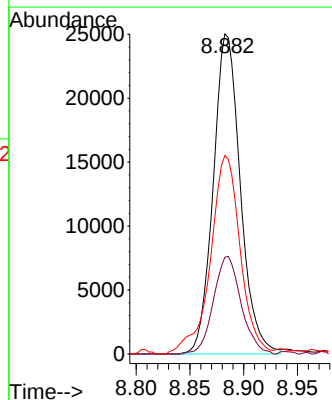
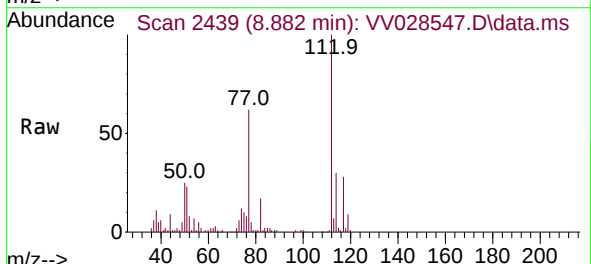
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

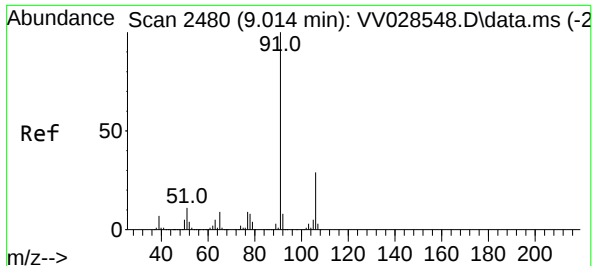
Tgt Ion:107 Resp: 9184
Ion Ratio Lower Upper
107 100
109 89.1 64.1 119.1
188 4.2 3.3 4.9



#51
Chlorobenzene
Concen: 1.045 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion:112 Resp: 43895
Ion Ratio Lower Upper
112 100
114 30.2 22.4 41.6
77 62.0 50.2 75.2





#52

Ethylbenzene

Concen: 1.115 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

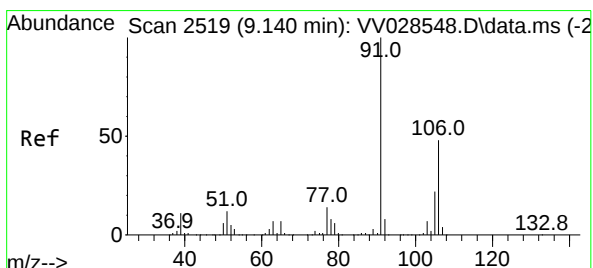
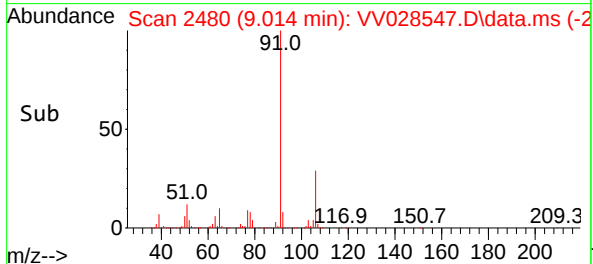
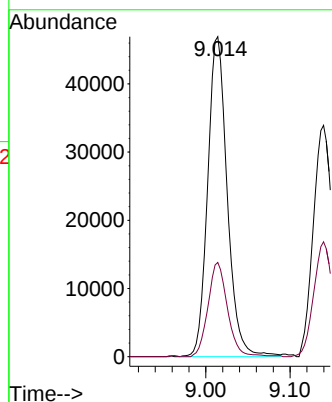
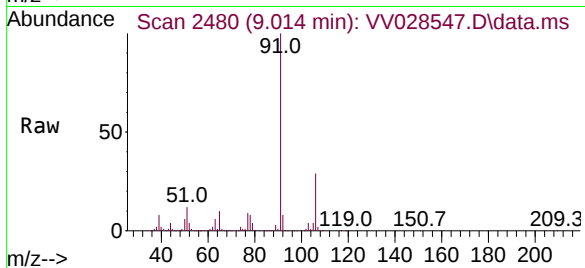
VSTD001259

Tgt Ion: 91 Resp: 75764

Ion Ratio Lower Upper

91 100

106 29.4 20.3 37.7



#53

m,p-Xylene

Concen: 1.051 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV028547.D

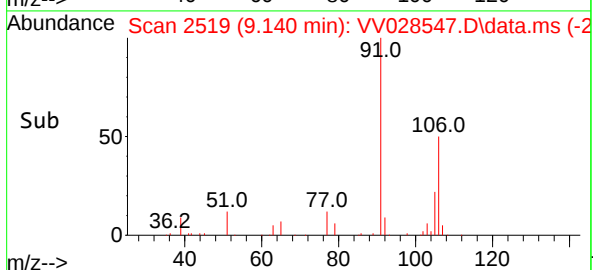
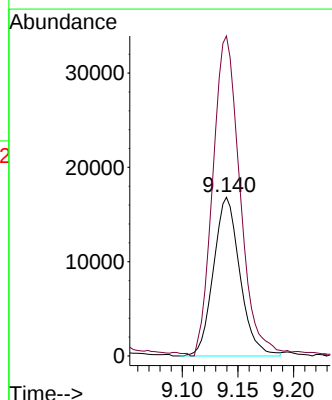
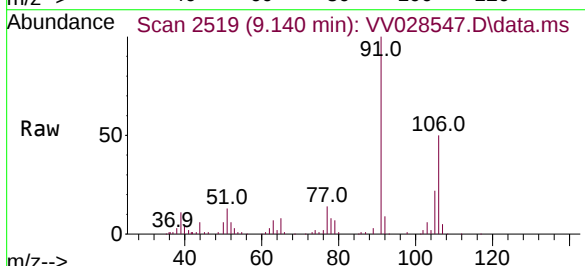
Acq: 14 Oct 2022 12:32

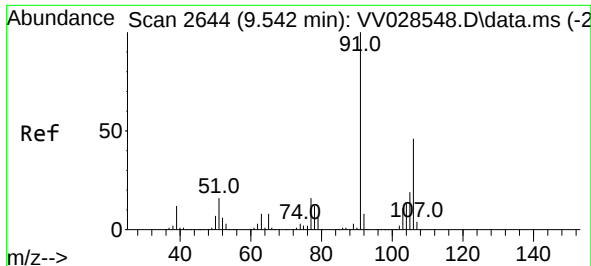
Tgt Ion: 106 Resp: 27817

Ion Ratio Lower Upper

106 100

91 201.5 146.9 272.9

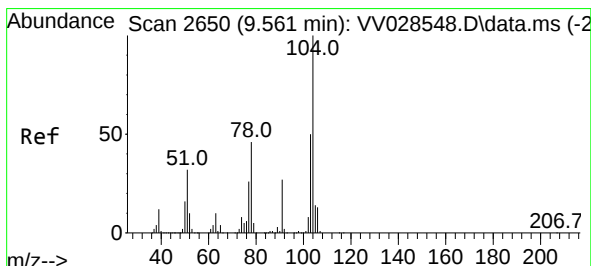
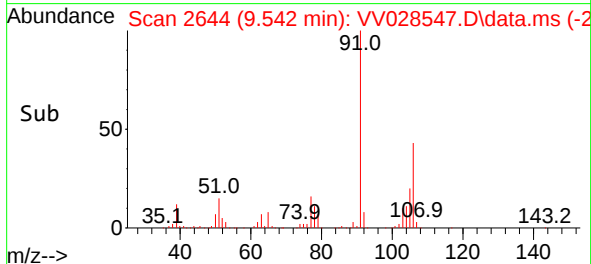
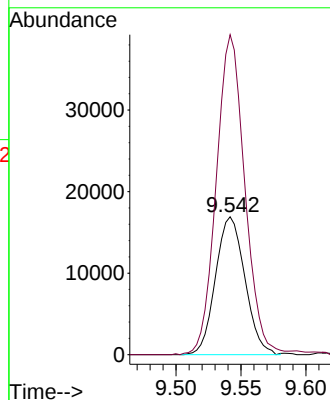
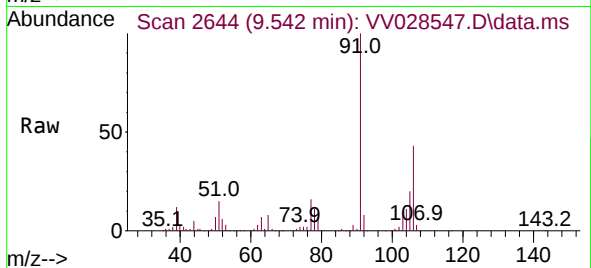




#54
o-Xylene
Concen: 1.049 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

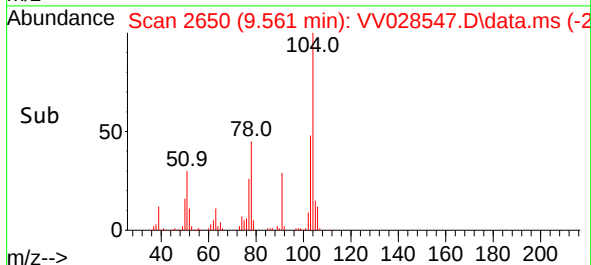
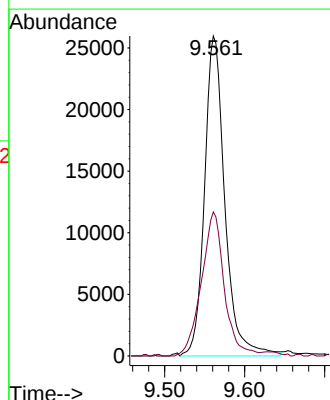
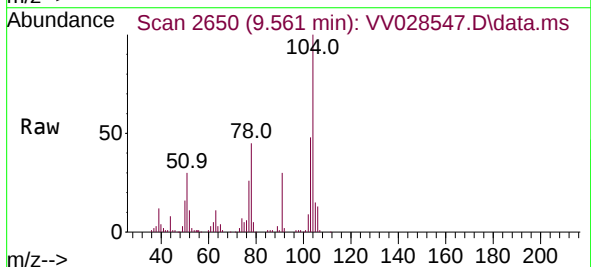
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

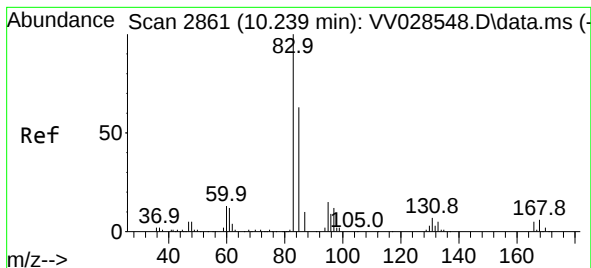
Tgt Ion:106 Resp: 26641
Ion Ratio Lower Upper
106 100
91 232.1 151.4 281.2



#55
Styrene
Concen: 1.067 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion:104 Resp: 45950
Ion Ratio Lower Upper
104 100
78 45.0 32.3 60.1

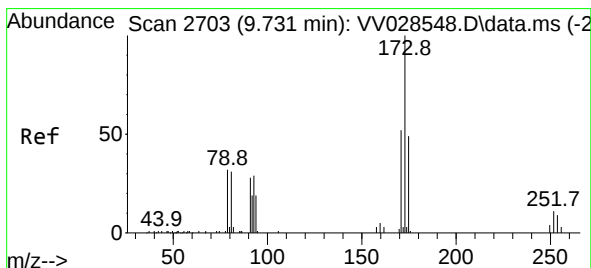
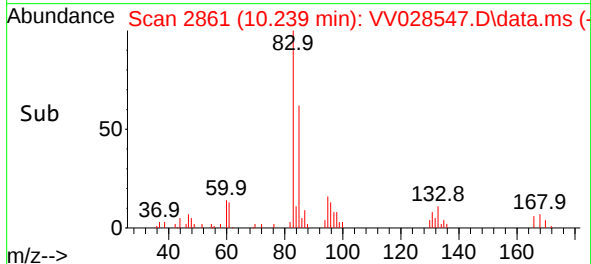
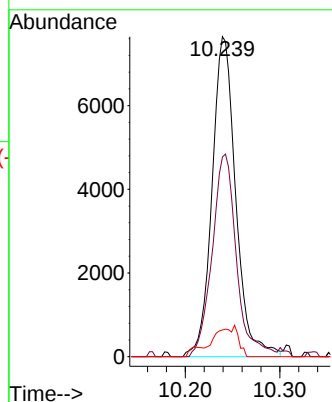
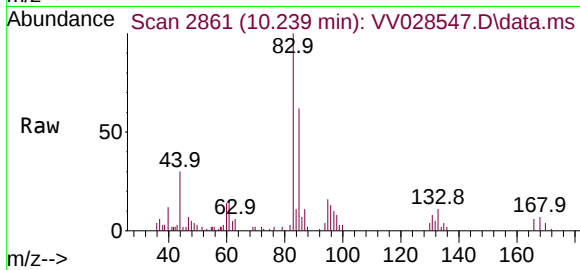




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.134 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

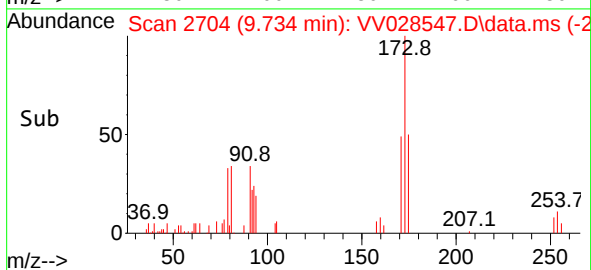
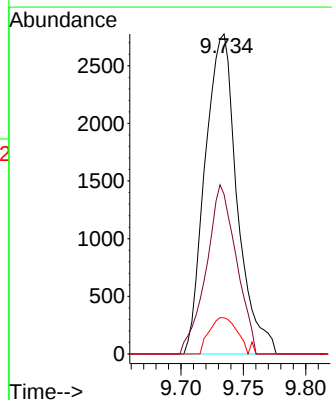
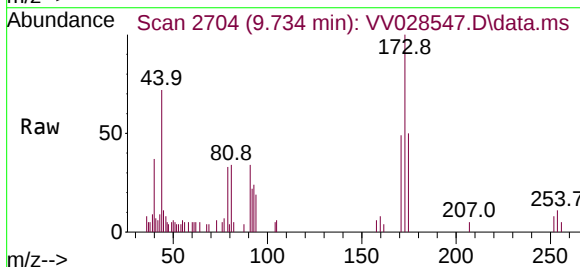
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001259

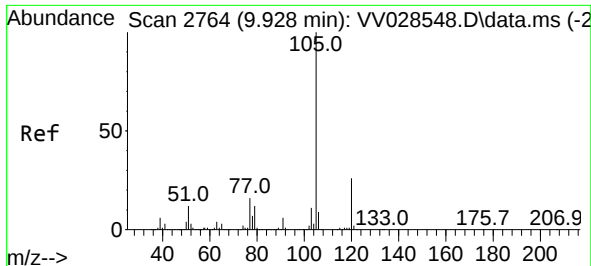
Tgt Ion: 83 Resp: 13331
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.3 82.3
 131 8.4 6.4 9.6



#59
 Bromoform
 Concen: 0.821 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

Tgt Ion: 173 Resp: 4962
 Ion Ratio Lower Upper
 173 100
 175 49.6 39.4 59.0
 254 10.2 7.4 11.2

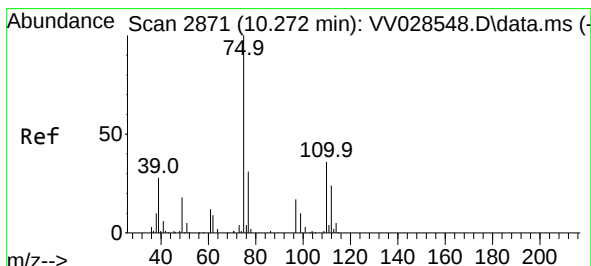
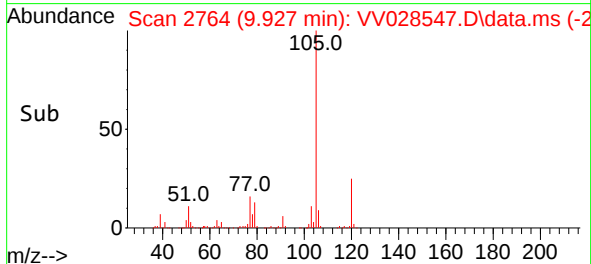
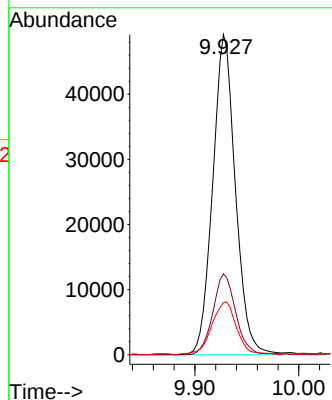
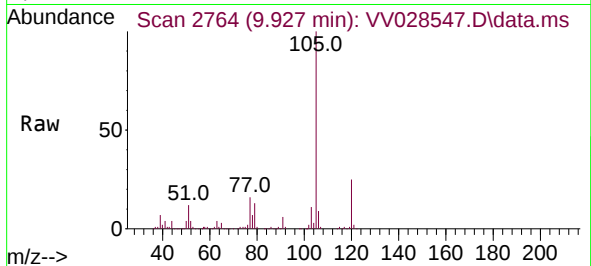




#60
Isopropylbenzene
Concen: 1.214 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

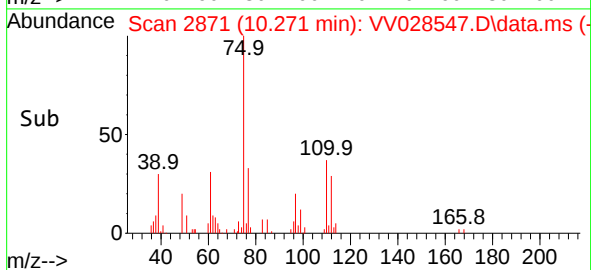
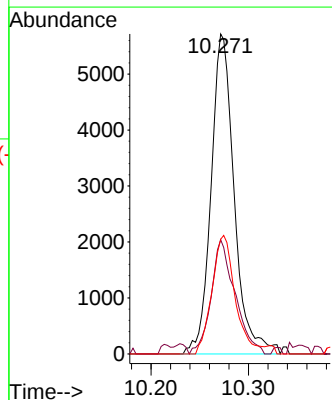
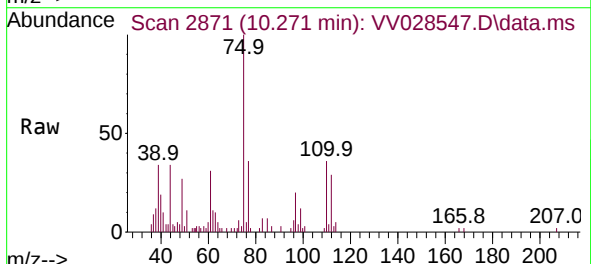
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

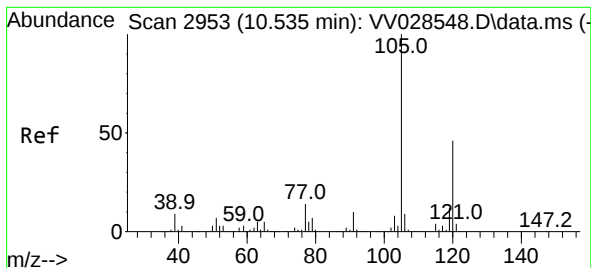
Tgt Ion:105 Resp: 74550
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 18.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 1.230 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion: 75 Resp: 9443
Ion Ratio Lower Upper
75 100
77 37.0 24.6 37.0
110 37.3 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 1.244 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

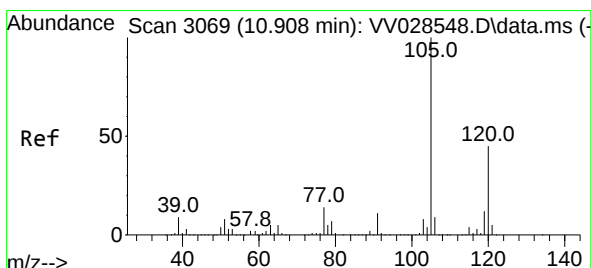
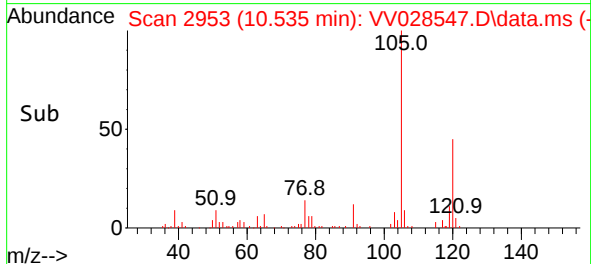
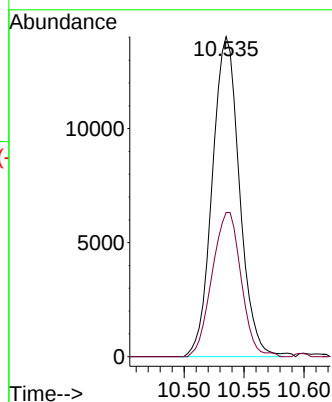
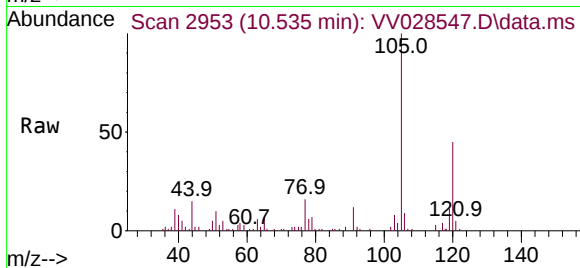
VSTD001259

Tgt Ion:105 Resp: 22088

Ion Ratio Lower Upper

105 100

120 48.1 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 1.221 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. -0.000 min

Lab File: VV028547.D

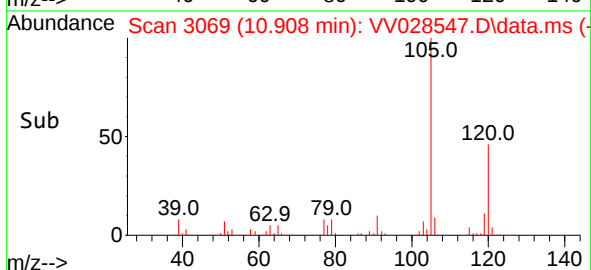
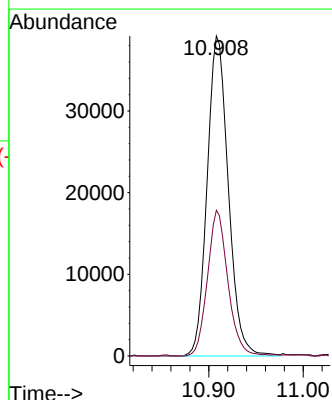
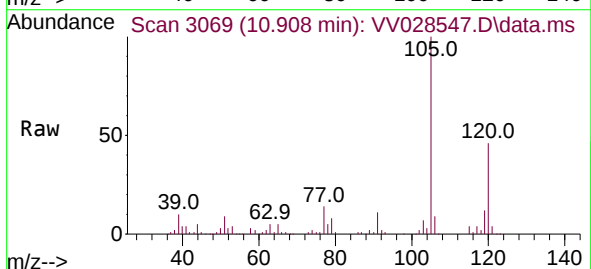
Acq: 14 Oct 2022 12:32

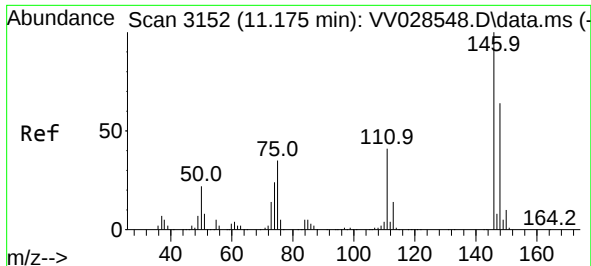
Tgt Ion:105 Resp: 60983

Ion Ratio Lower Upper

105 100

120 44.0 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 1.098 ug/L

RT: 11.178 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD001259

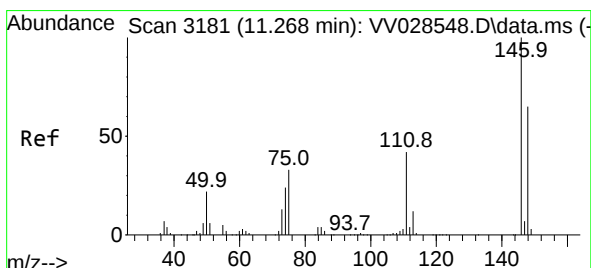
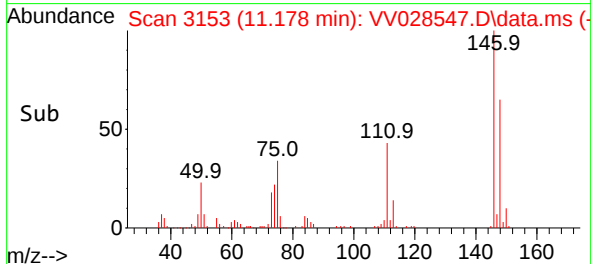
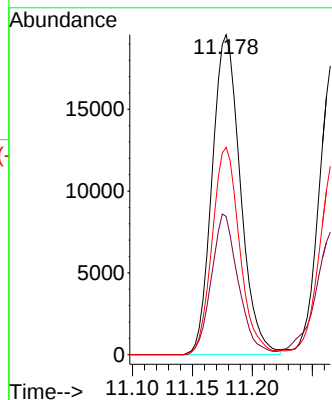
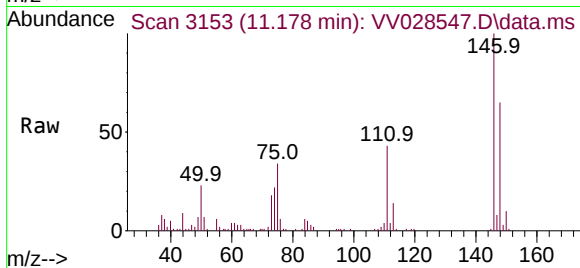
Tgt Ion:146 Resp: 32021

Ion Ratio Lower Upper

146 100

111 43.2 28.5 52.9

148 64.8 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 1.064 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.000 min

Lab File: VV028547.D

Acq: 14 Oct 2022 12:32

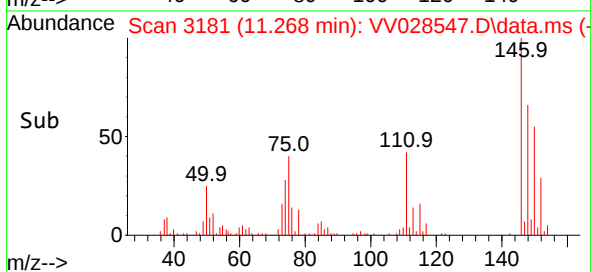
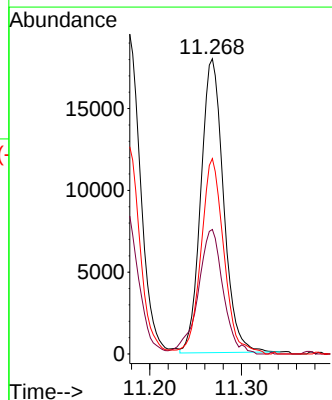
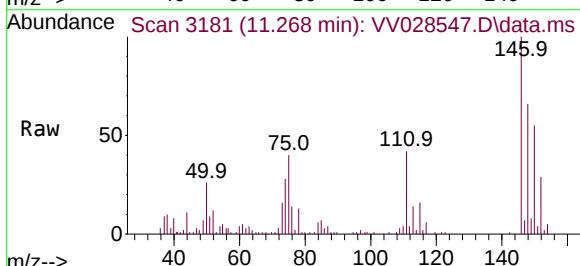
Tgt Ion:146 Resp: 30903

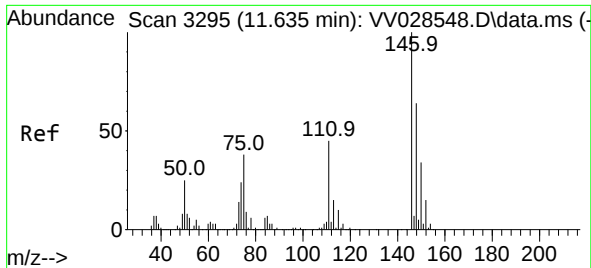
Ion Ratio Lower Upper

146 100

111 42.2 29.4 54.6

148 66.2 45.9 85.3

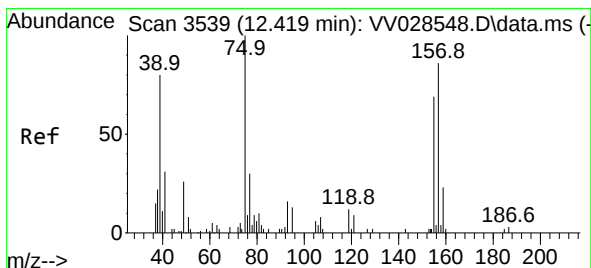
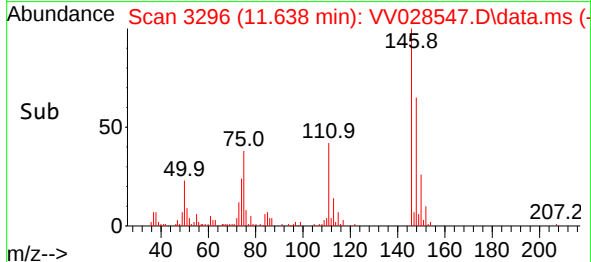
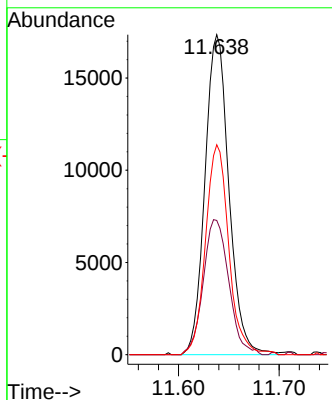
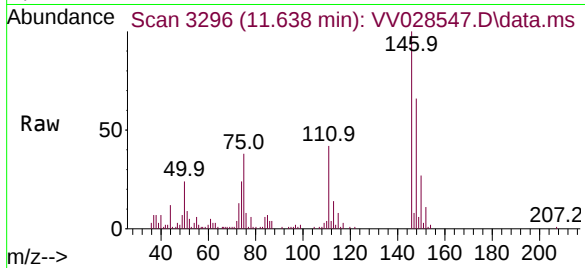




#67
1,2-Dichlorobenzene
Concen: 1.084 ug/L
RT: 11.638 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

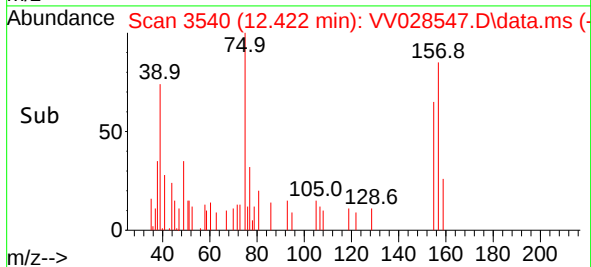
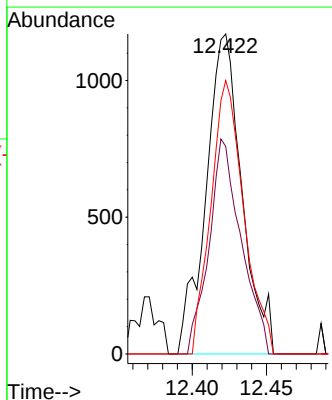
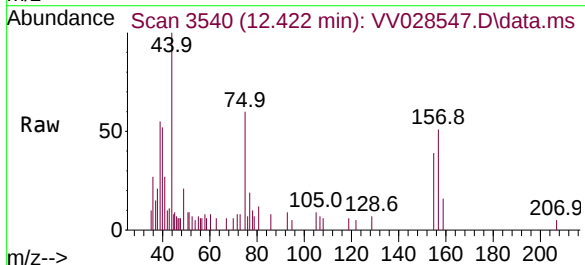
Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

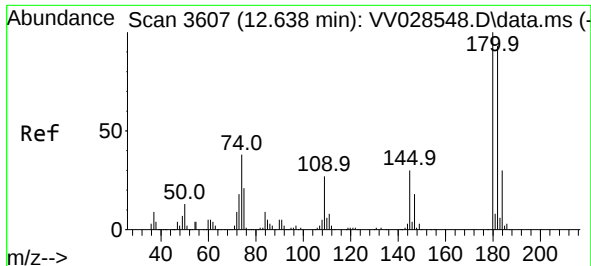
Tgt Ion:146 Resp: 28716
Ion Ratio Lower Upper
146 100
111 41.9 35.7 53.5
148 65.6 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.127 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

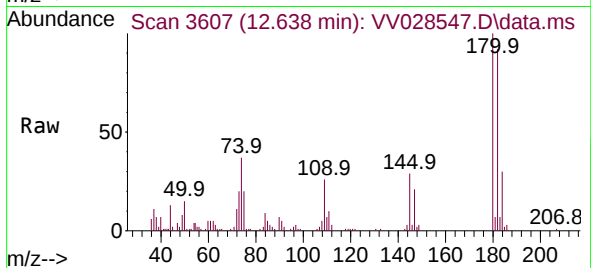
Tgt Ion: 75 Resp: 1972
Ion Ratio Lower Upper
75 100
155 64.9 55.2 82.8
157 85.5 68.6 103.0



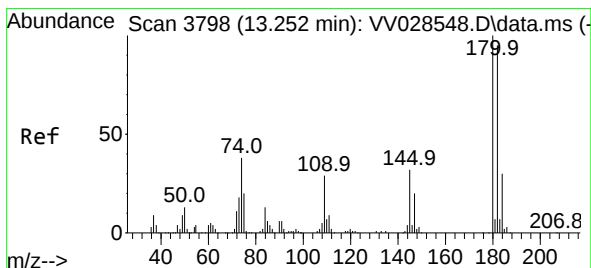
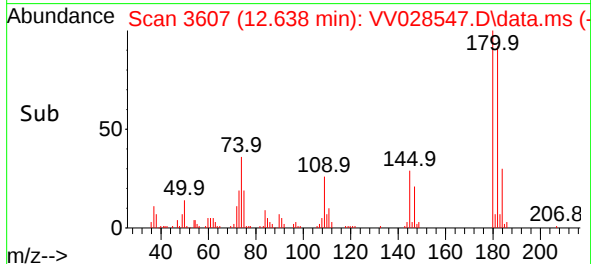
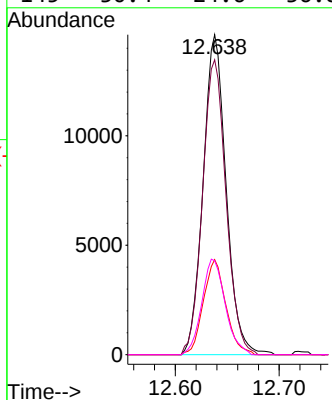


#69
 1,3,5-Trichlorobenzene
 Concen: 0.981 ug/L
 RT: 12.638 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001259

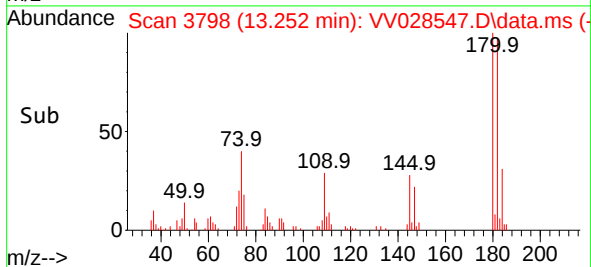
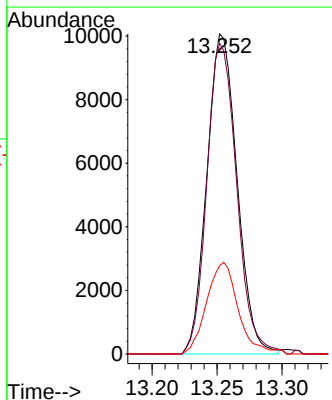
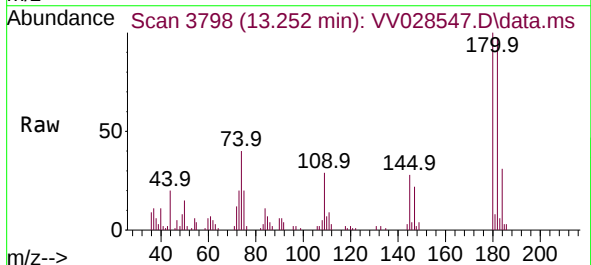


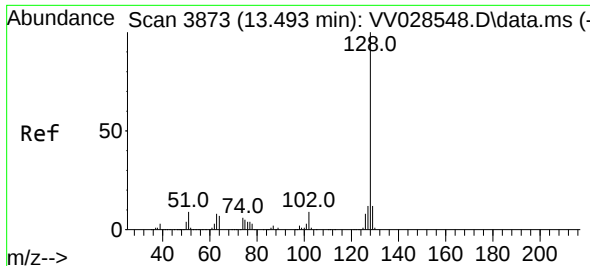
Tgt Ion:180 Resp: 22514
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.6 113.4
 184 29.0 23.8 35.8
 145 30.4 24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.926 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV028547.D
 Acq: 14 Oct 2022 12:32

Tgt Ion:180 Resp: 16266
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.2 111.2
 145 29.9 25.3 37.9

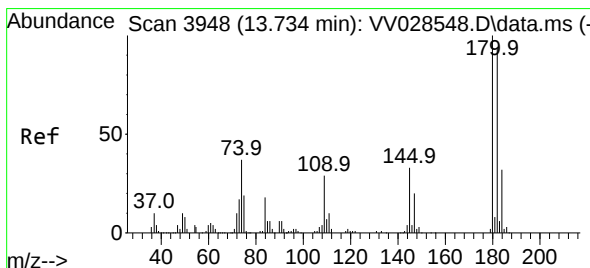
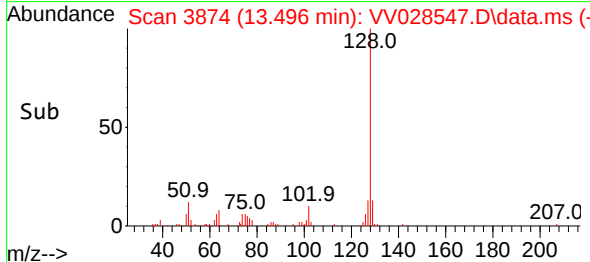
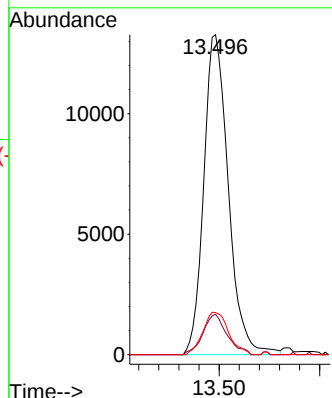
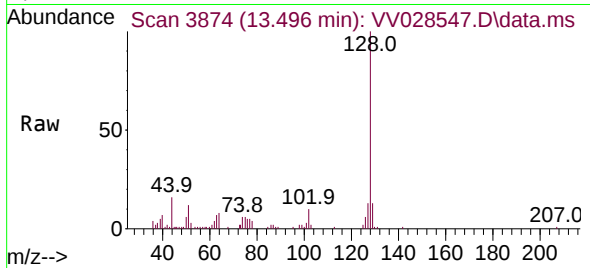




#71
Naphthalene
Concen: 0.810 ug/L
RT: 13.496 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD001259

Tgt Ion:128 Resp: 22533
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 13.8 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 0.842 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VV028547.D
Acq: 14 Oct 2022 12:32

Tgt Ion:180 Resp: 13150
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 37.9 25.8 38.8

