

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026635.D
 Acq On : 01 Jul 2022 17:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Jul 04 02:06:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	193336	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	186442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	63300	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.584	69	56634	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.124	63	123078	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.921	46	110527	71.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.000%#
24) Chloroform-d	4.365	84	130761	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.047	65	51761	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.063	84	241377	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.079	67	73022	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.320	98	218745	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.628	79	20301	5.333	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.095	63	84864	58.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53963	5.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	74877	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	69575	4.726	ug/L	100
3) Chloromethane	1.256	50	78587	4.881	ug/L	100
5) Vinyl chloride	1.326	62	84383	4.922	ug/L	94
6) Bromomethane	1.539	94	44740	4.821	ug/L	96
8) Chloroethane	1.600	64	57631	4.943	ug/L	92
9) Trichlorofluoromethane	1.767	101	120963	5.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	70350	4.966	ug/L	99
12) 1,1-Dichloroethene	2.133	96	67535	5.172	ug/L	95
13) Acetone	2.214	43	67084	68.407	ug/L	100
14) Carbon disulfide	2.307	76	168488	4.891	ug/L	100
15) Methyl Acetate	2.461	43	17094	6.045	ug/L	97
16) Methylene chloride	2.523	84	73649	5.313	ug/L	98
17) Methyl tert-butyl Ether	2.789	73	112950	5.307	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	67385	5.058	ug/L	97
19) 1,1-Dichloroethane	3.207	63	125081	5.228	ug/L	99
21) 2-Butanone	4.011	43	97299	65.953	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	69769	5.274	ug/L	94
23) Bromochloromethane	4.265	128	30938	5.678	ug/L	93
25) Chloroform	4.391	83	135716	5.303	ug/L	97

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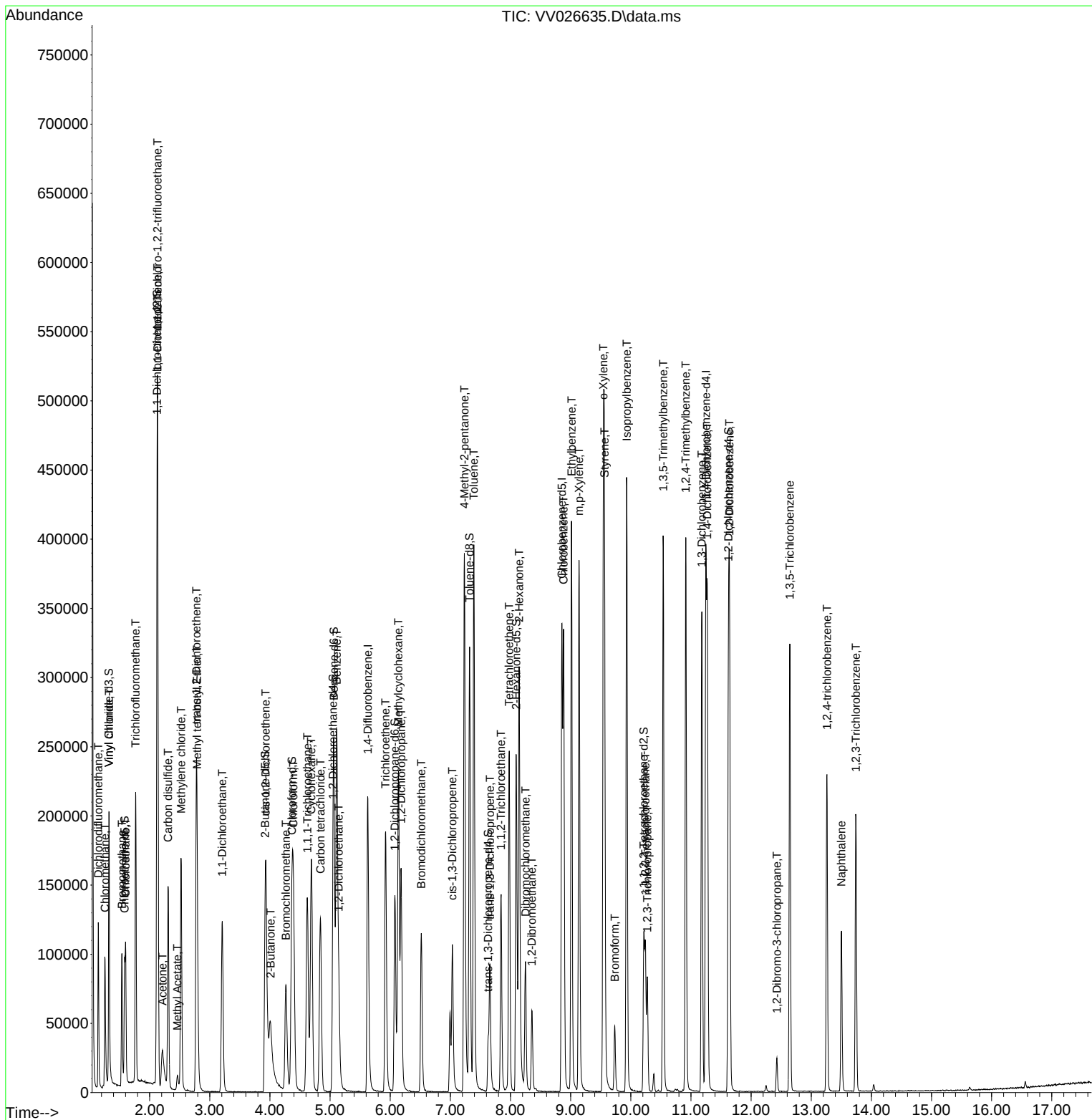
Instrument :
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 ClientSampleId :
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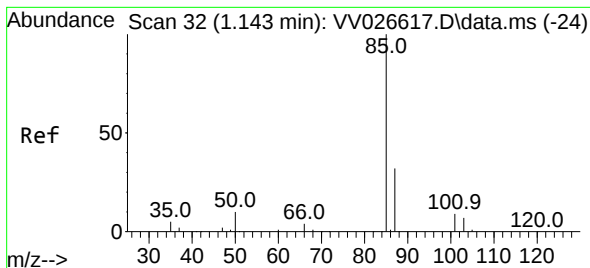
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	61400	5.391	ug/L	97
29) 1,1,1-Trichloroethane	4.622	97	116437	5.075	ug/L	99
30) Cyclohexane	4.690	56	80680	4.442	ug/L	99
31) Carbon tetrachloride	4.841	117	99860	5.189	ug/L	98
33) Benzene	5.111	78	278411	5.114	ug/L	100
34) Trichloroethene	5.921	95	68635	4.796	ug/L	98
35) Methylcyclohexane	6.137	83	92029	4.347	ug/L	99
37) 1,2-Dichloropropane	6.182	63	67679	5.158	ug/L	99
38) Bromodichloromethane	6.516	83	80538	5.200	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	68832	5.219	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	252845	57.052	ug/L	97
42) Toluene	7.390	91	296456	5.275	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	56373	5.747	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	46312	5.597	ug/L	98
47) Tetrachloroethene	7.979	164	55901	4.906	ug/L	98
48) 2-Hexanone	8.143	43	181847	58.945	ug/L	95
49) Dibromochloromethane	8.249	129	48973	5.845	ug/L	99
50) 1,2-Dibromoethane	8.355	107	40407	5.493	ug/L	98
51) Chlorobenzene	8.882	112	185541	5.040	ug/L	98
52) Ethylbenzene	9.014	91	286759	4.934	ug/L	100
53) m,p-Xylene	9.140	106	114859	5.066	ug/L	95
54) o-Xylene	9.545	106	107181	5.036	ug/L	100
55) Styrene	9.564	104	189372	5.372	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	52250	5.655	ug/L	100
59) Bromoform	9.734	173	21637	5.914	ug/L	99
60) Isopropylbenzene	9.934	105	285777	4.667	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33462	5.205	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	214814	4.438	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	215637	4.518	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	145219	4.876	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	143607	4.856	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127825	5.044	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6147	5.331	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	100604	4.698	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	72033	4.764	ug/L	99
71) Naphthalene	13.503	128	95396	4.836	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62832	5.077	ug/L	99

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

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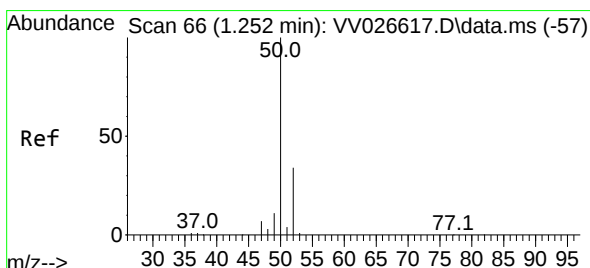
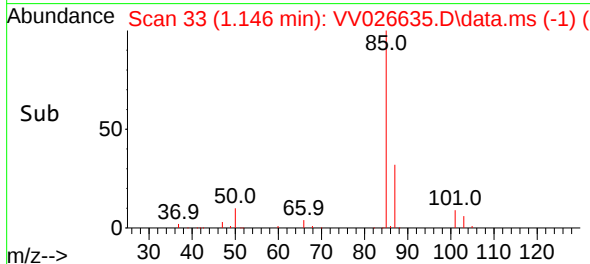
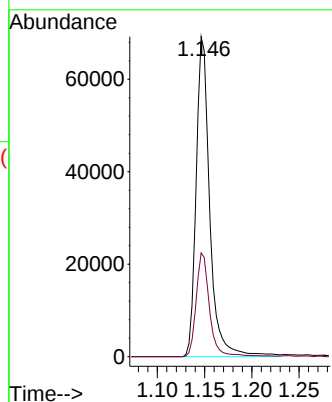
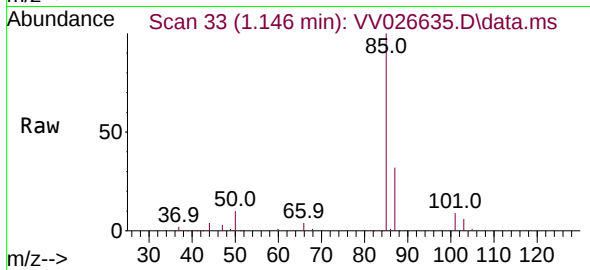




#2
 Dichlorodifluoromethane
 Concen: 4.726 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026635.D
 Acq: 01 Jul 2022 17:54

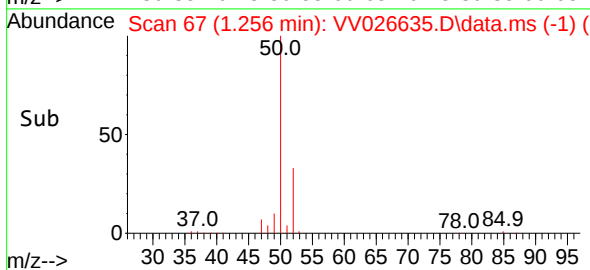
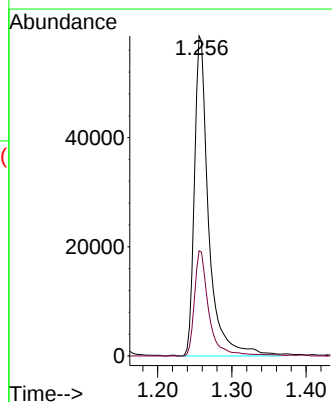
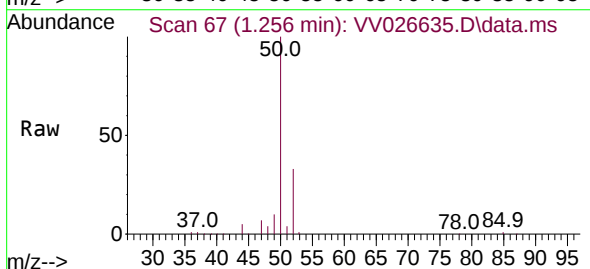
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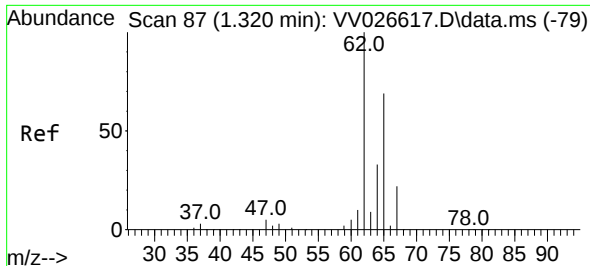
Tgt Ion: 85 Resp: 69575
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.881 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026635.D
 Acq: 01 Jul 2022 17:54

Tgt Ion: 50 Resp: 78587
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6

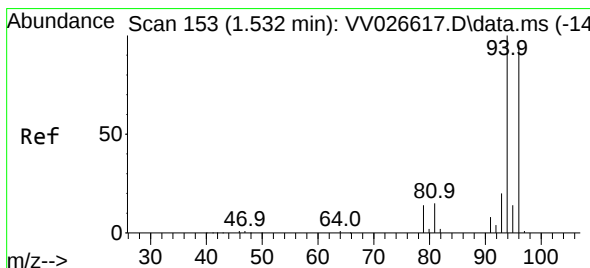
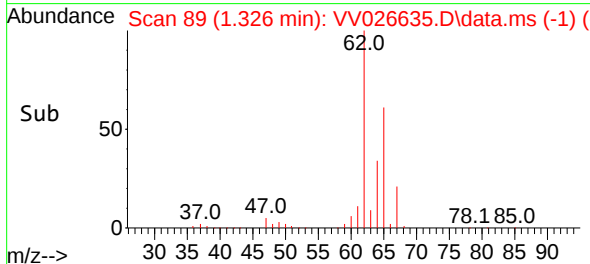
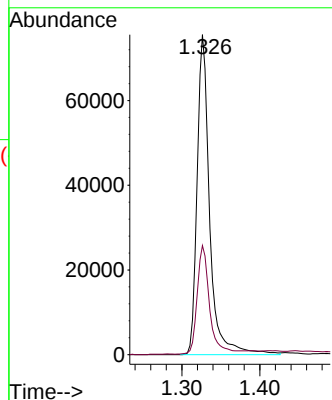
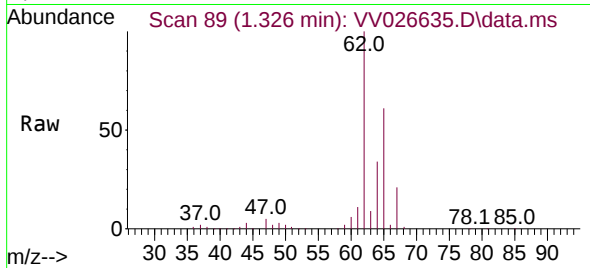




#5
 Vinyl chloride
 Concen: 4.922 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV026635.D
 Acq: 01 Jul 2022 17:54

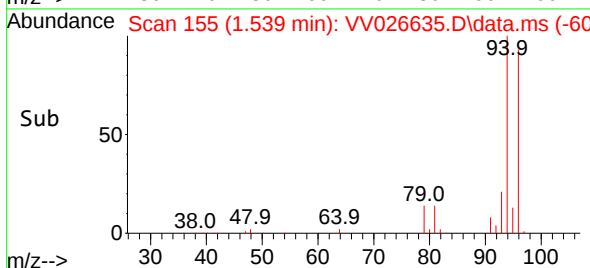
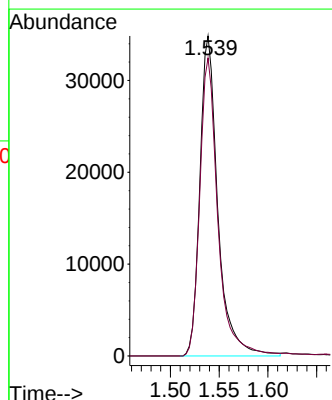
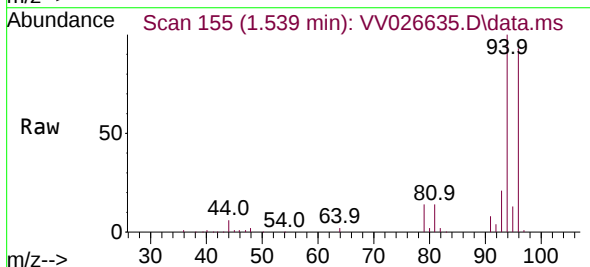
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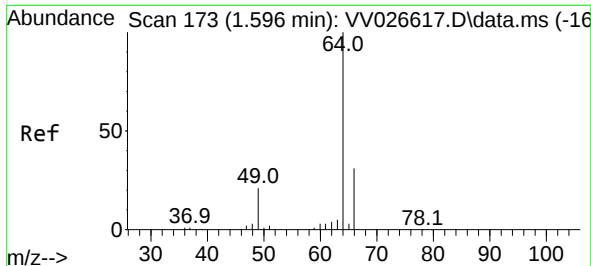
Tgt Ion: 62 Resp: 84383
 Ion Ratio Lower Upper
 62 100
 64 34.1 26.2 48.6



#6
 Bromomethane
 Concen: 4.821 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.006 min
 Lab File: VV026635.D
 Acq: 01 Jul 2022 17:54

Tgt Ion: 94 Resp: 44740
 Ion Ratio Lower Upper
 94 100
 96 93.1 68.0 126.2

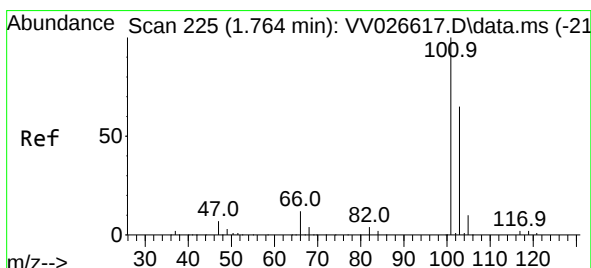
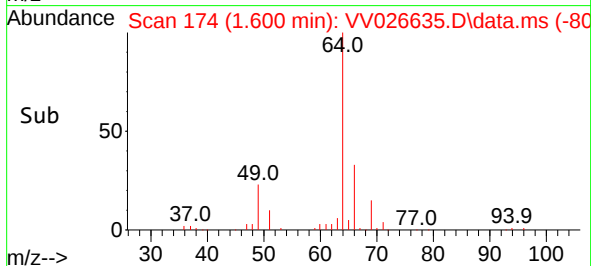
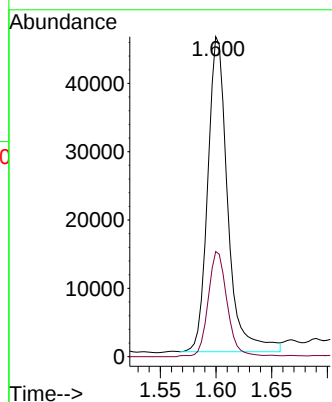
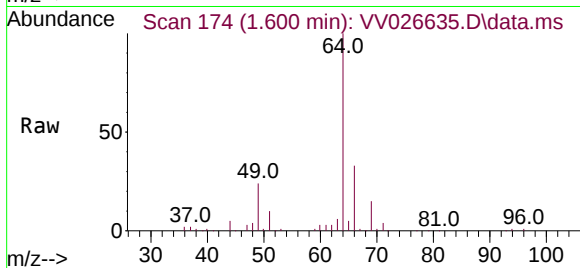




#8
Chloroethane
Concen: 4.943 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

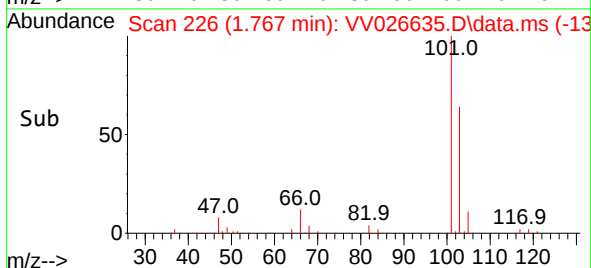
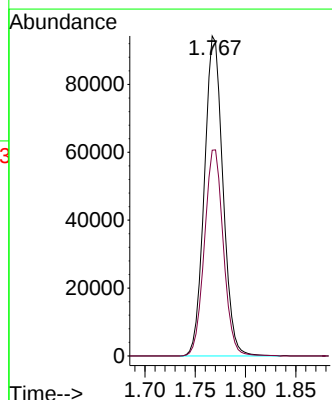
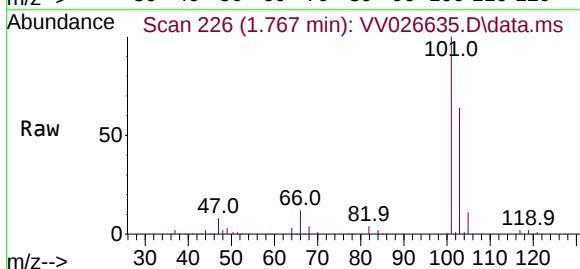
Instrument :
MSVOA_V
ClientSampleId :
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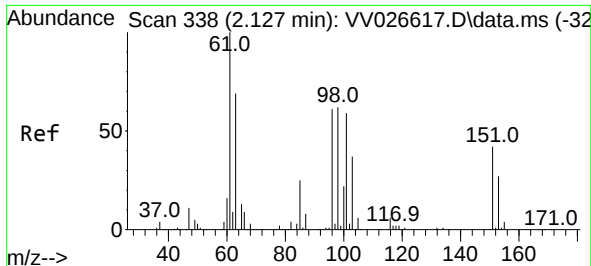
Tgt Ion: 64 Resp: 57631
Ion Ratio Lower Upper
64 100
66 32.9 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.060 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 101 Resp: 120963
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

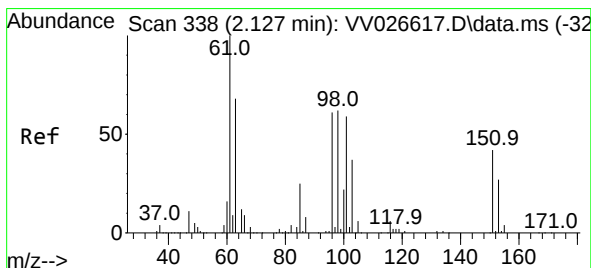
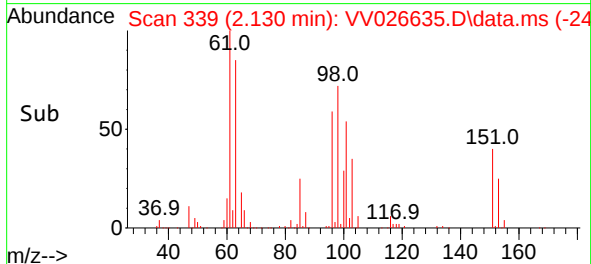
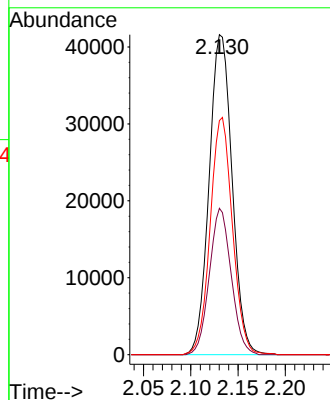
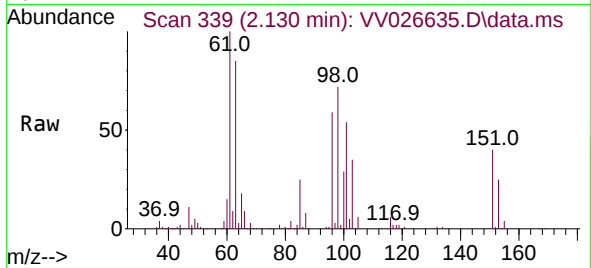




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.966 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

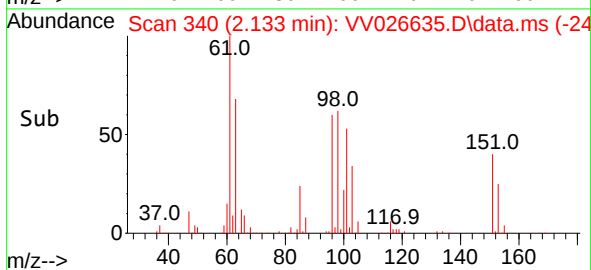
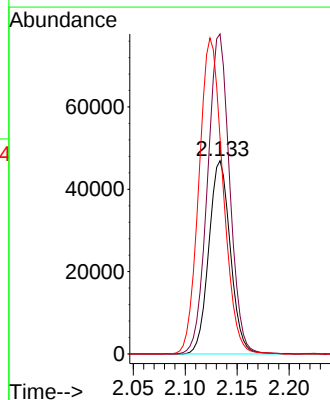
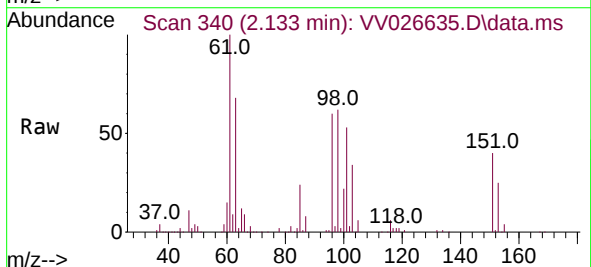
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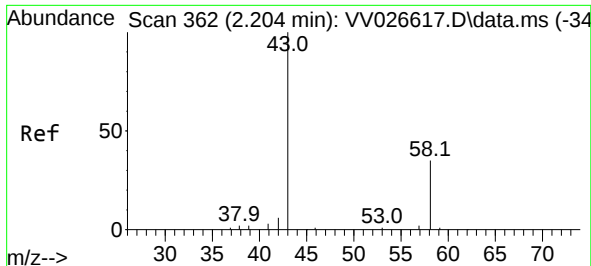
Tgt Ion:101 Resp: 70350
Ion Ratio Lower Upper
101 100
85 43.4 34.2 51.4
151 71.9 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.172 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 96 Resp: 67535
Ion Ratio Lower Upper
96 100
61 165.5 115.4 214.4
63 111.9 87.4 162.2

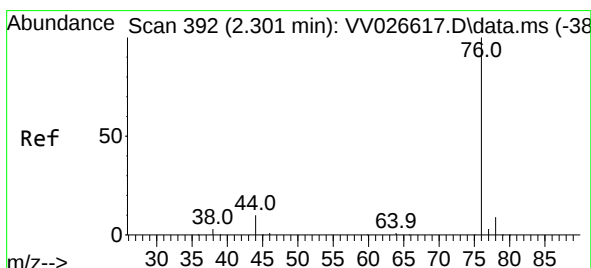
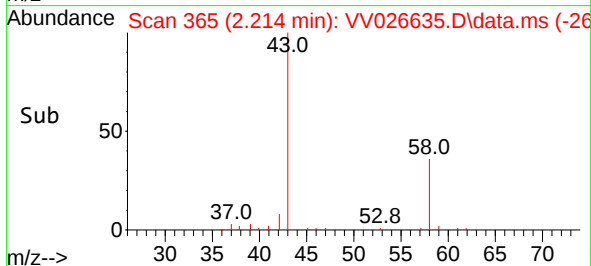
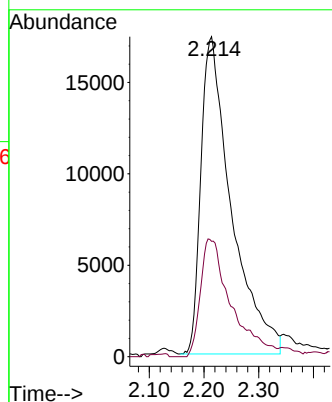
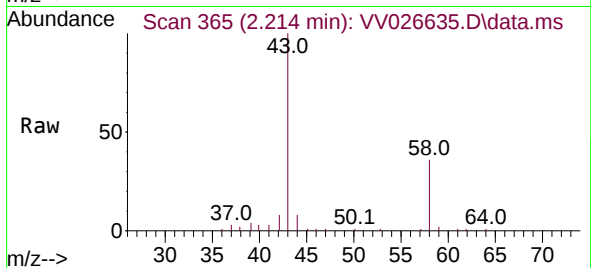




#13
Acetone
Concen: 68.407 ug/L
RT: 2.214 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

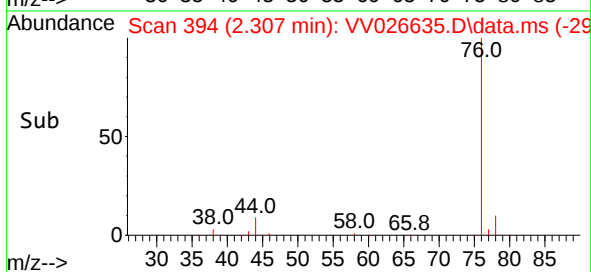
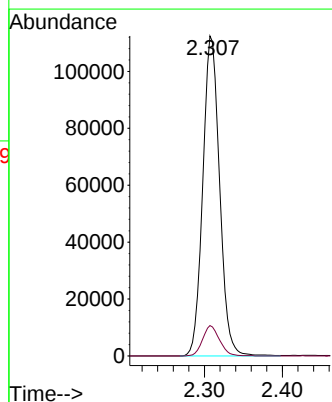
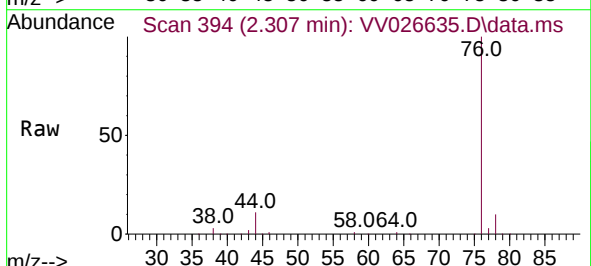
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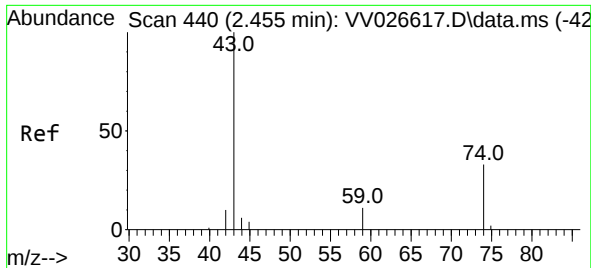
Tgt Ion: 43 Resp: 67084
Ion Ratio Lower Upper
43 100
58 37.4 0.0 75.0



#14
Carbon disulfide
Concen: 4.891 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 76 Resp: 168488
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6

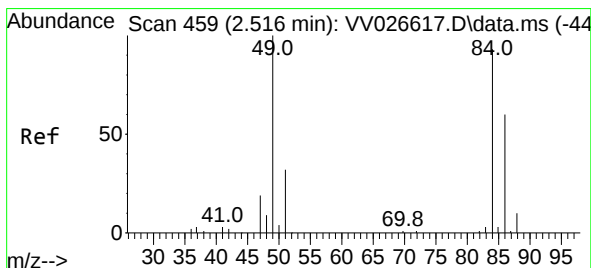
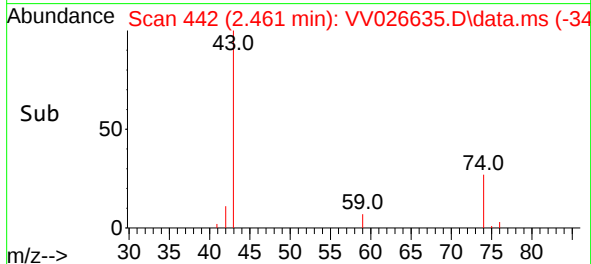
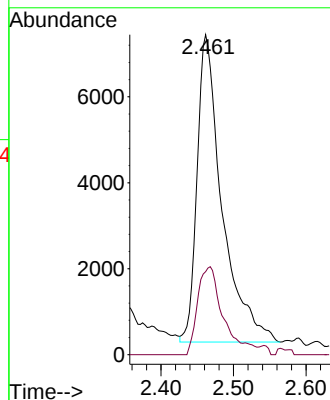
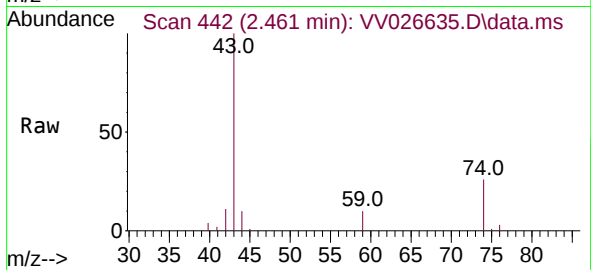




#15
Methyl Acetate
Concen: 6.045 ug/L
RT: 2.461 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

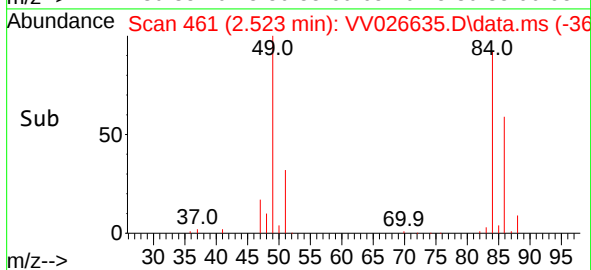
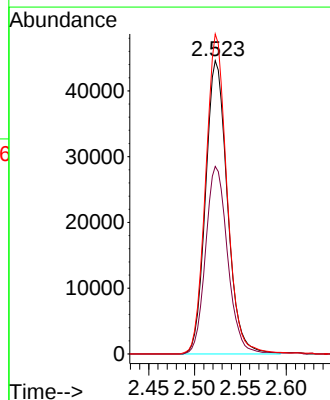
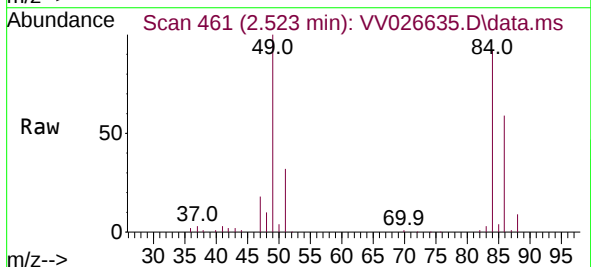
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

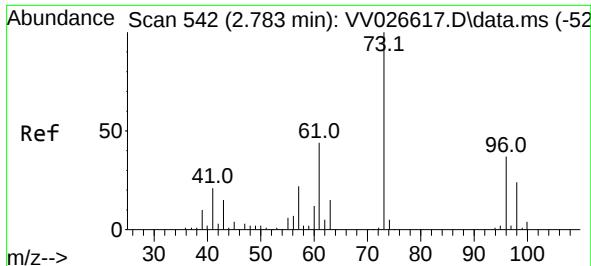
Tgt Ion: 43 Resp: 17094
Ion Ratio Lower Upper
43 100
74 29.3 22.1 33.1



#16
Methylene chloride
Concen: 5.313 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 84 Resp: 73649
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 109.1 77.7 144.3

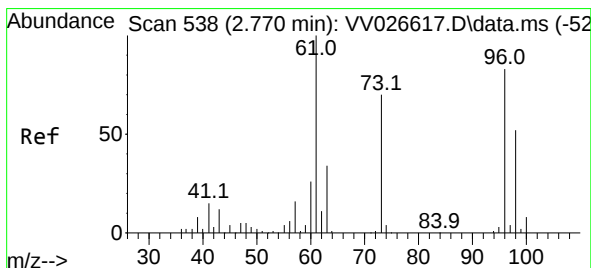
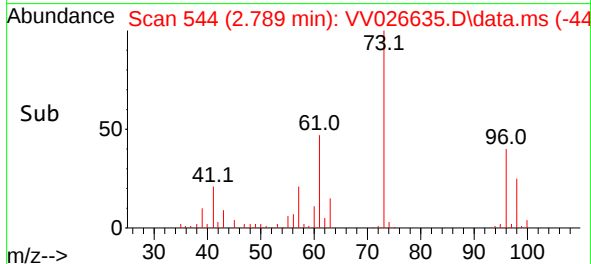
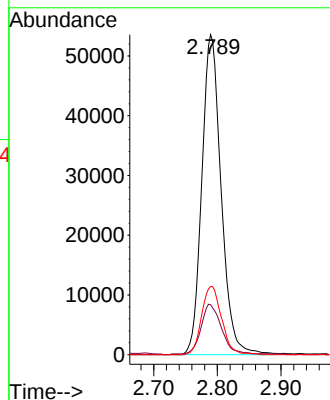
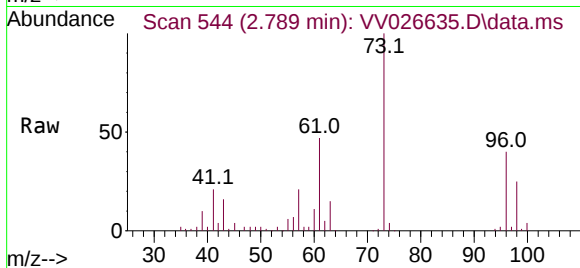




#17
Methyl tert-butyl Ether
Concen: 5.307 ug/L
RT: 2.789 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

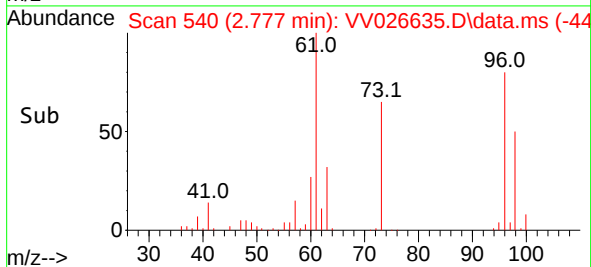
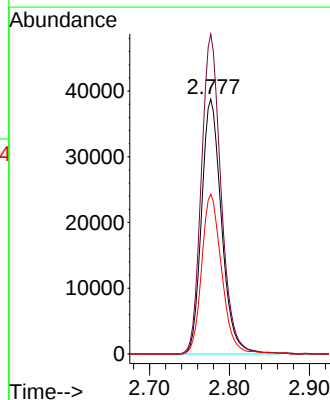
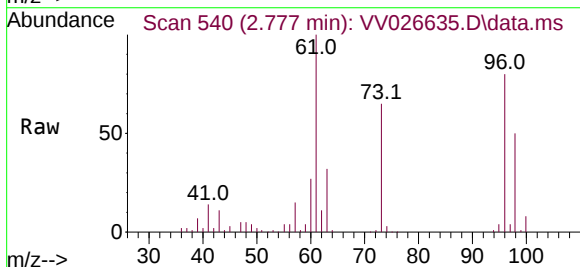
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

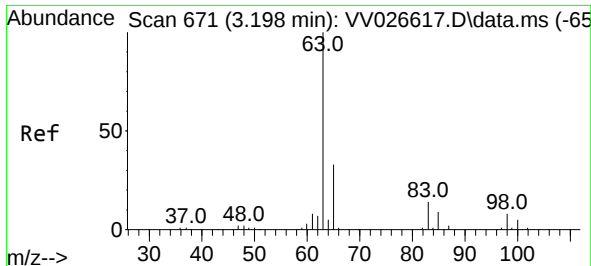
Tgt Ion: 73 Resp: 112950
Ion Ratio Lower Upper
73 100
43 17.0 13.3 19.9
57 22.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.058 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 96 Resp: 67385
Ion Ratio Lower Upper
96 100
61 125.6 90.4 167.8
98 62.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.228 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

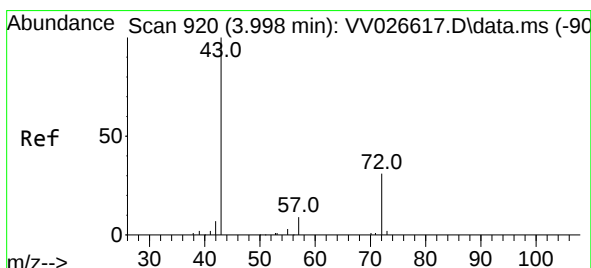
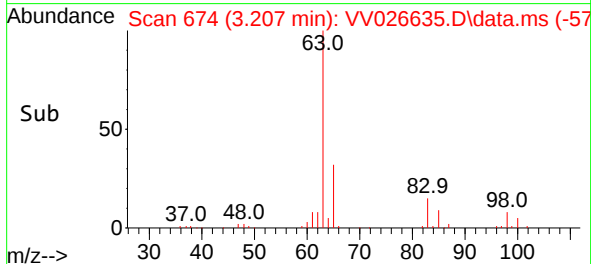
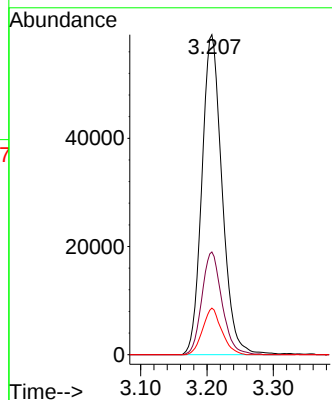
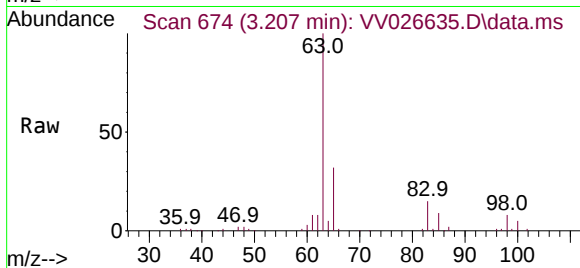
Tgt Ion: 63 Resp: 125081

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 65.953 ug/L

RT: 4.011 min Scan# 924

Delta R.T. 0.013 min

Lab File: VV026635.D

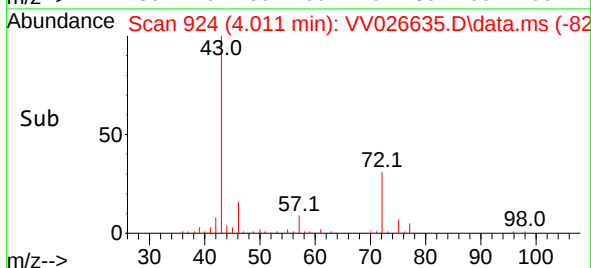
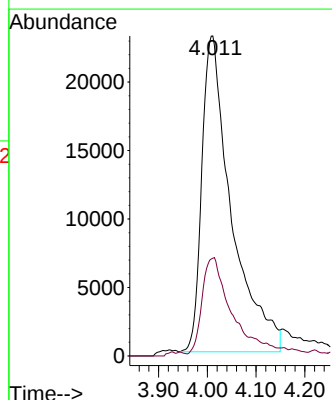
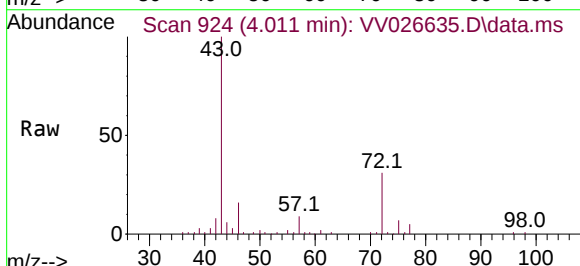
Acq: 01 Jul 2022 17:54

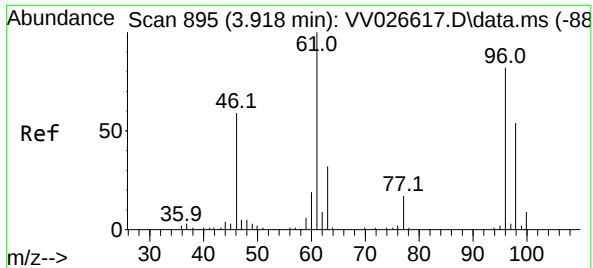
Tgt Ion: 43 Resp: 97299

Ion Ratio Lower Upper

43 100

72 30.1 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.274 ug/L

RT: 3.931 min Scan# 895

Delta R.T. 0.013 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

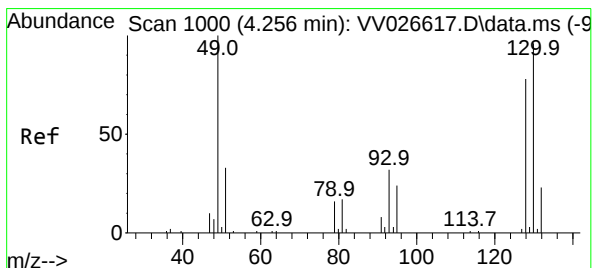
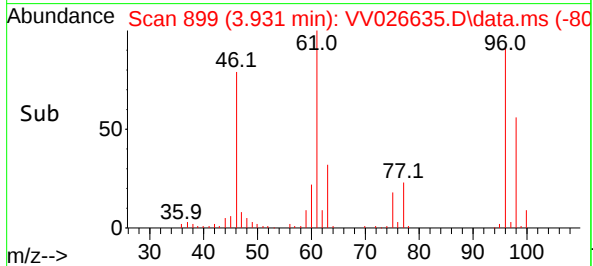
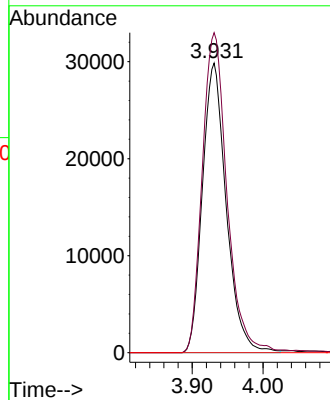
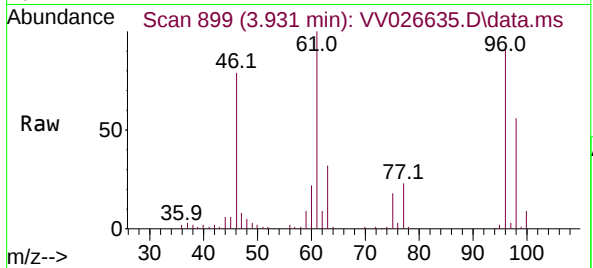
Tgt Ion: 96 Resp: 69769

Ion Ratio Lower Upper

96 100

61 110.5 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.678 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.010 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Tgt Ion: 128 Resp: 30938

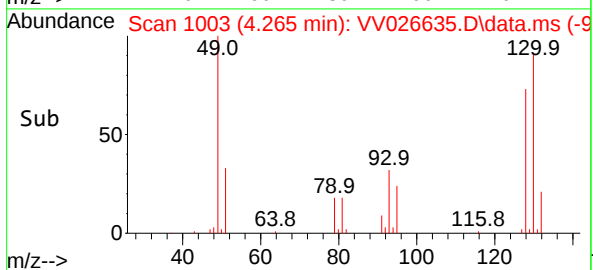
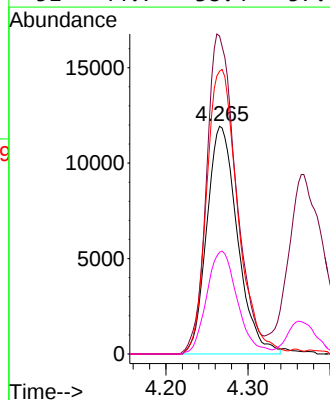
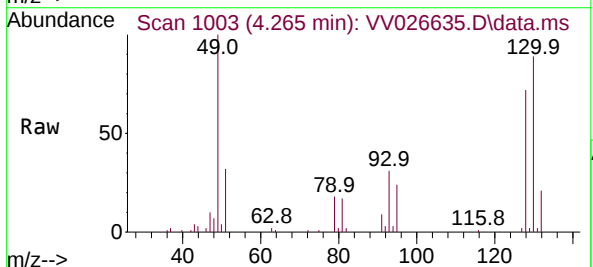
Ion Ratio Lower Upper

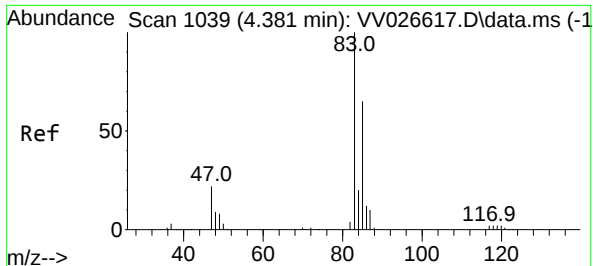
128 100

49 139.6 104.0 193.1

130 124.1 93.4 173.6

51 44.7 38.4 57.6





#25

Chloroform

Concen: 5.303 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

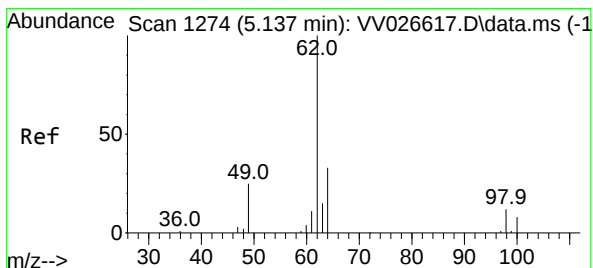
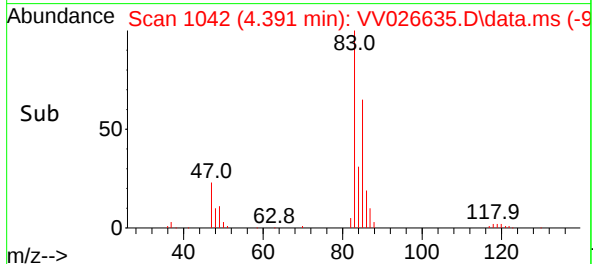
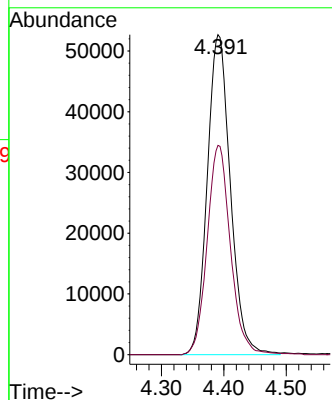
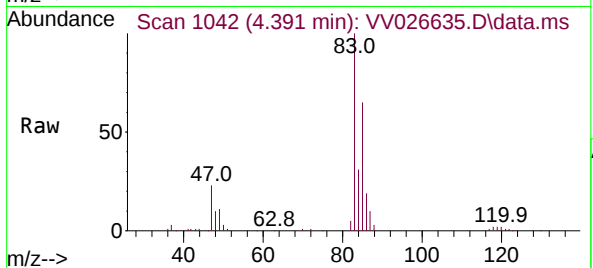
VSTD005340

Tgt Ion: 83 Resp: 135716

Ion Ratio Lower Upper

83 100

85 65.4 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.391 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VV026635.D

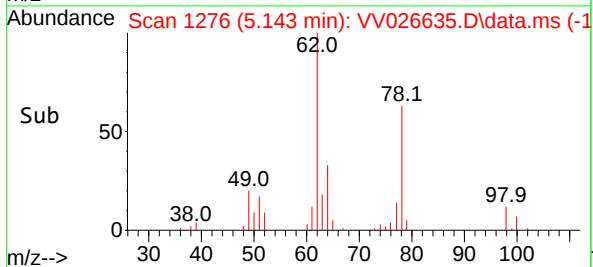
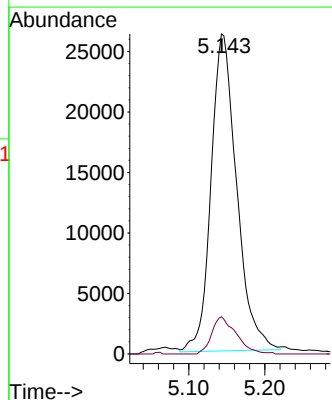
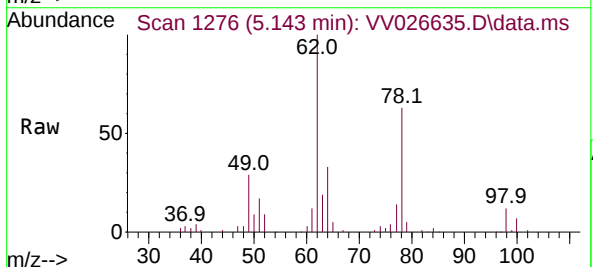
Acq: 01 Jul 2022 17:54

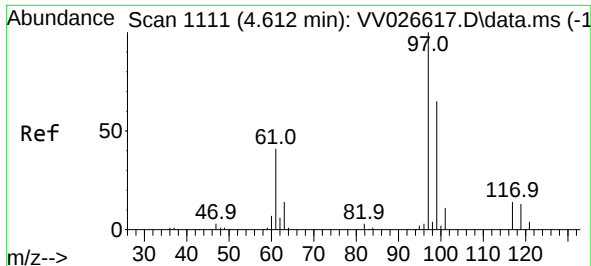
Tgt Ion: 62 Resp: 61400

Ion Ratio Lower Upper

62 100

98 11.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.075 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.010 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

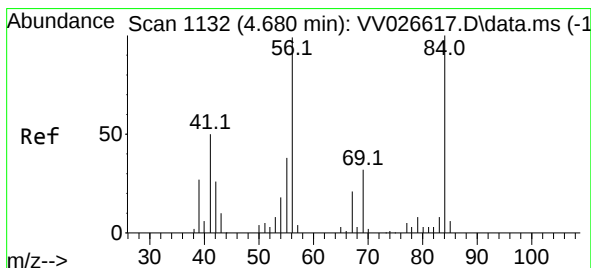
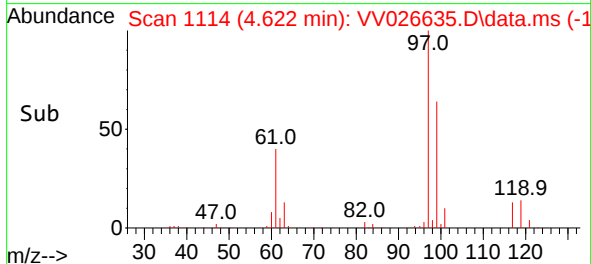
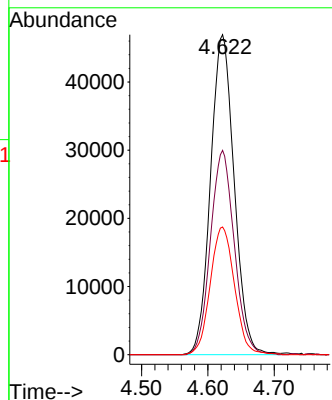
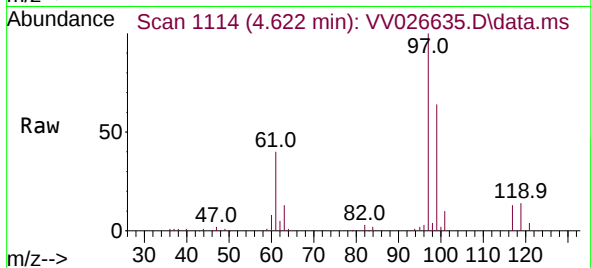
Tgt Ion: 97 Resp: 116437

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 40.9 33.0 49.4



#30

Cyclohexane

Concen: 4.442 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.010 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

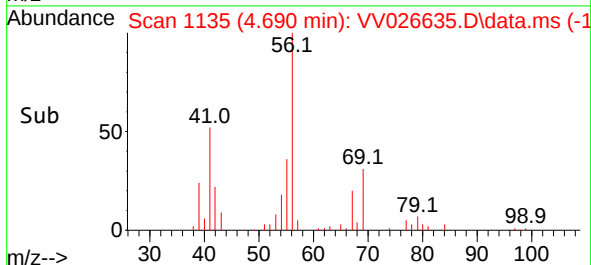
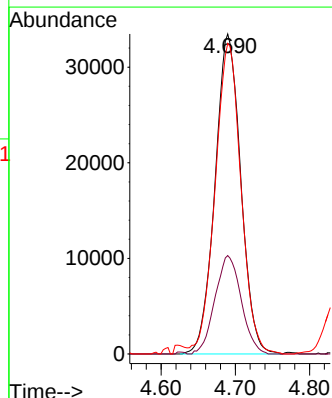
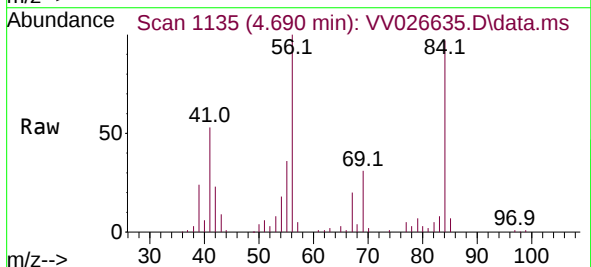
Tgt Ion: 56 Resp: 80680

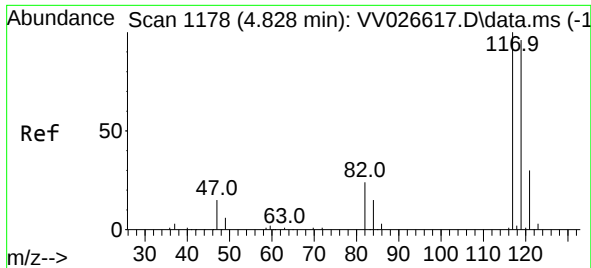
Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 97.8 77.8 116.6

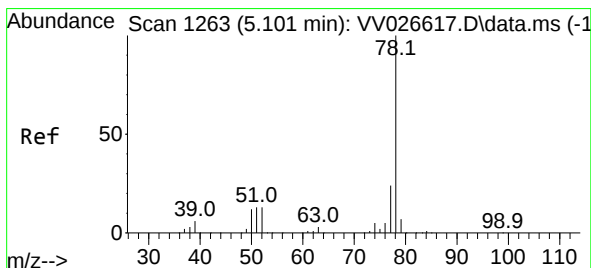
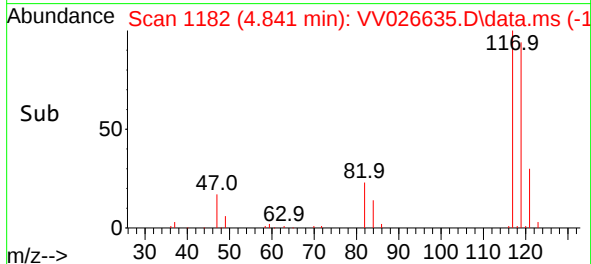
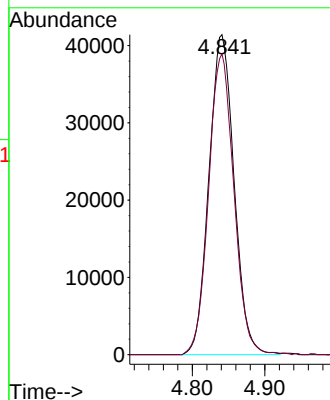
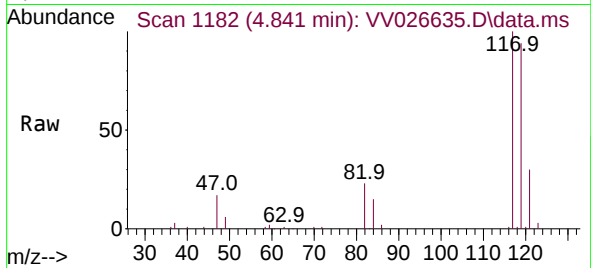




#31
Carbon tetrachloride
Concen: 5.189 ug/L
RT: 4.841 min Scan# 1178
Delta R.T. 0.013 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

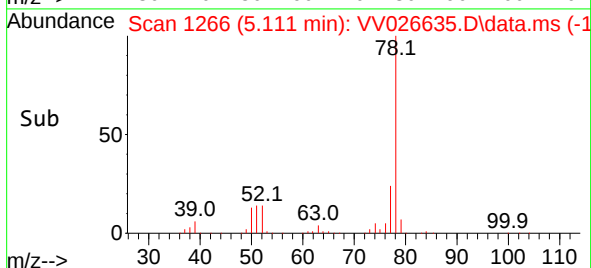
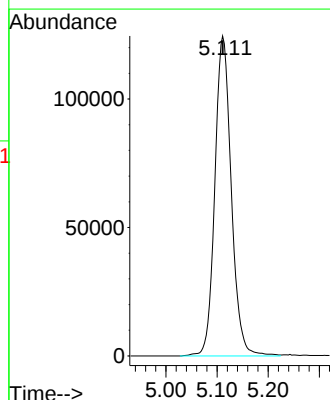
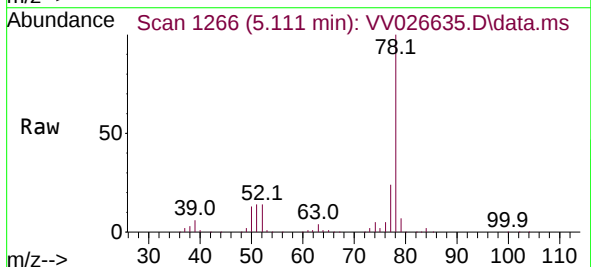
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

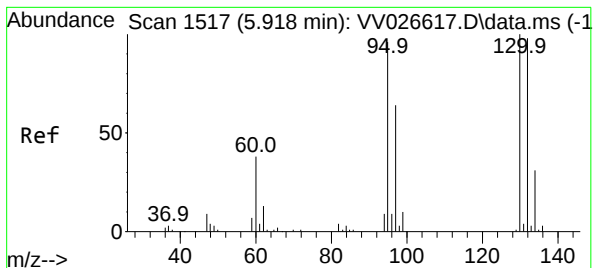
Tgt Ion:117 Resp: 99860
Ion Ratio Lower Upper
117 100
119 94.1 76.9 115.3



#33
Benzene
Concen: 5.114 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 78 Resp: 278411





#34

Trichloroethene

Concen: 4.796 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

Tgt Ion: 95 Resp: 68635

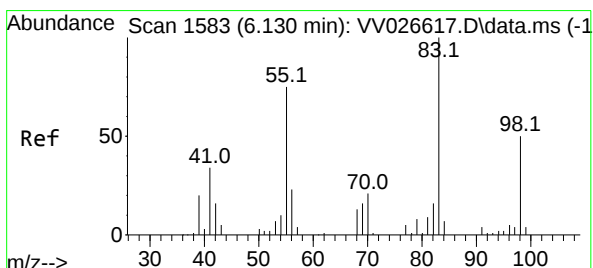
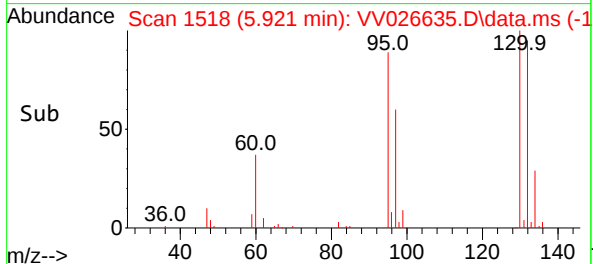
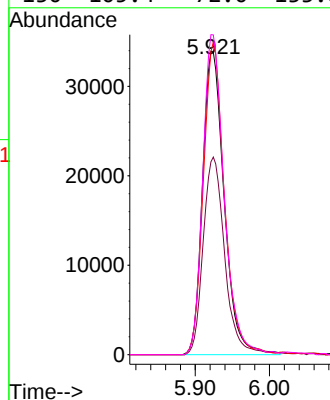
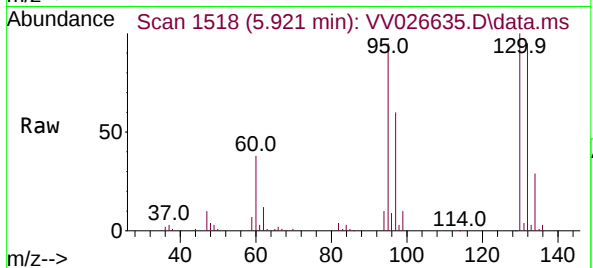
Ion Ratio Lower Upper

95 100

97 63.5 46.8 87.0

132 99.8 69.9 129.7

130 105.4 72.0 133.8



#35

Methylcyclohexane

Concen: 4.347 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

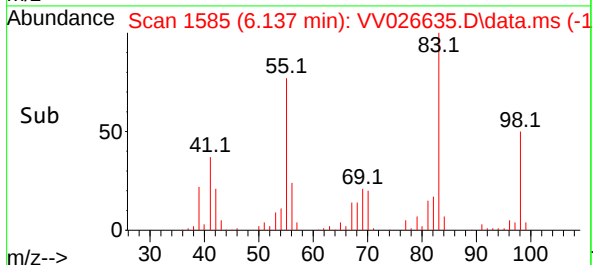
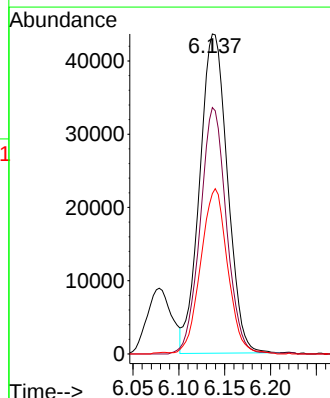
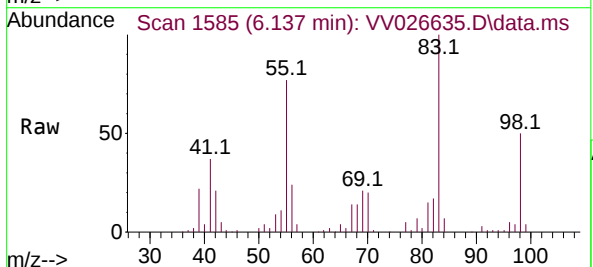
Tgt Ion: 83 Resp: 92029

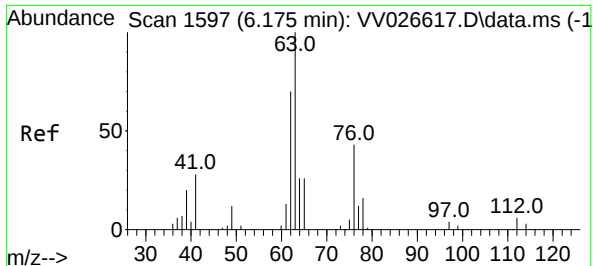
Ion Ratio Lower Upper

83 100

55 72.9 57.0 85.4

98 50.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.158 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

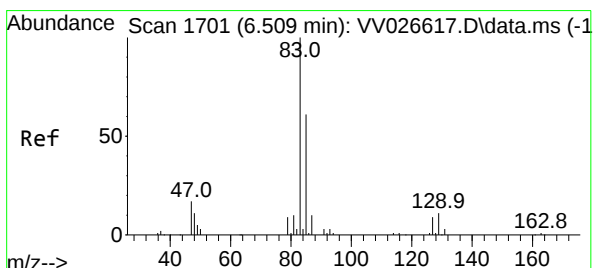
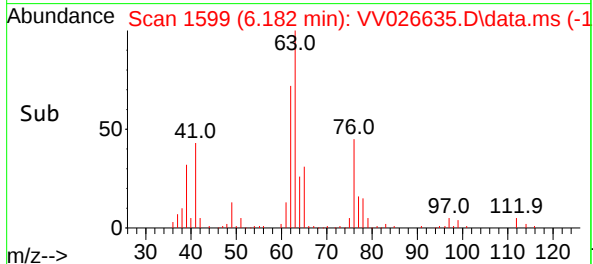
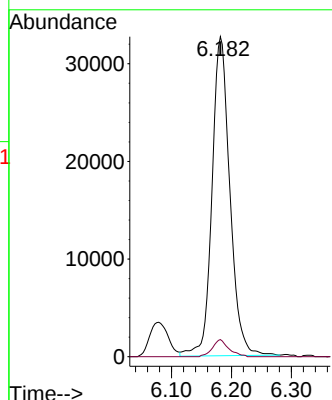
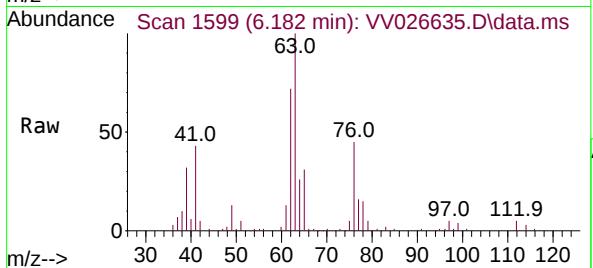
VSTD005340

Tgt Ion: 63 Resp: 67679

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.4



#38

Bromodichloromethane

Concen: 5.200 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

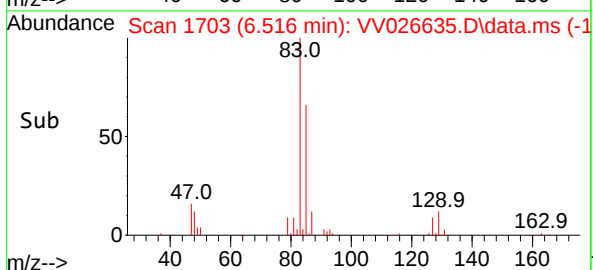
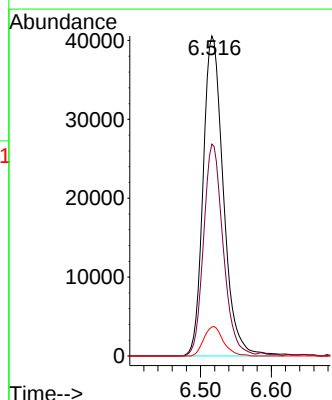
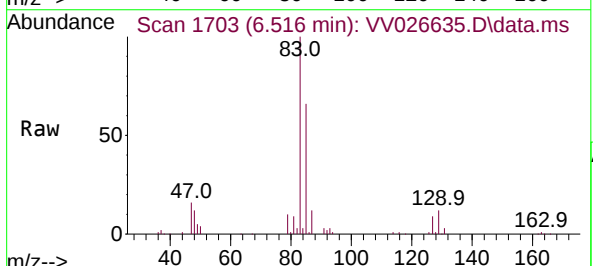
Tgt Ion: 83 Resp: 80538

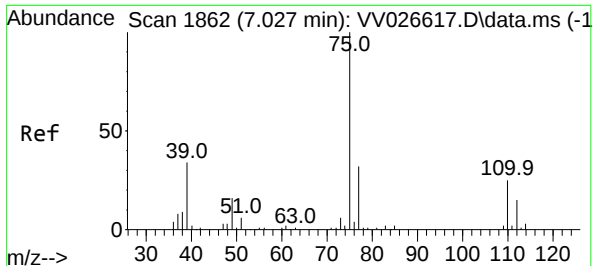
Ion Ratio Lower Upper

83 100

85 66.2 44.0 81.8

127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.219 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

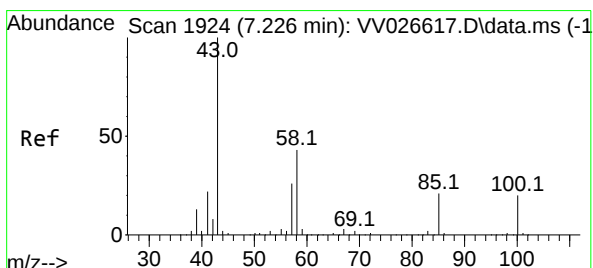
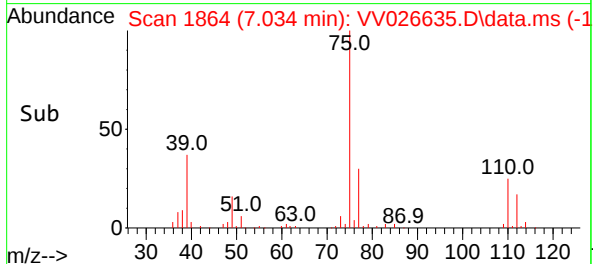
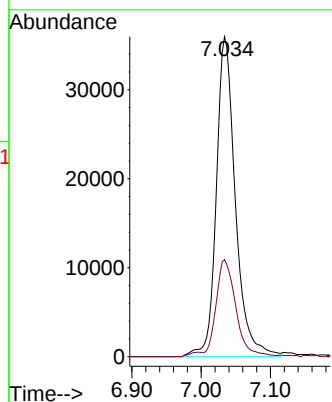
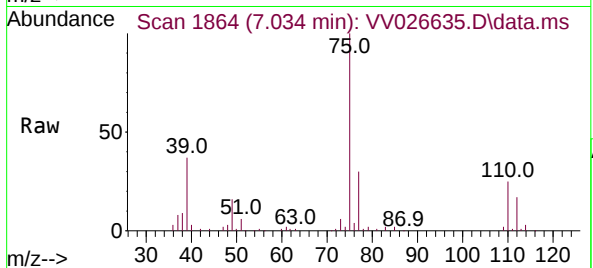
VSTD005340

Tgt Ion: 75 Resp: 68832

Ion Ratio Lower Upper

75 100

77 30.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 57.052 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

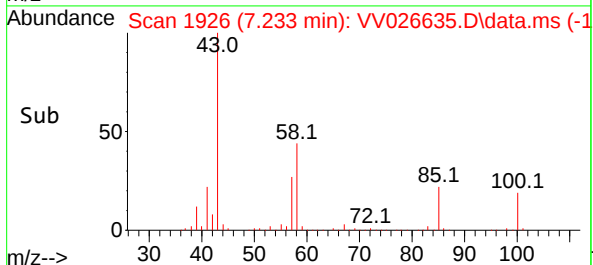
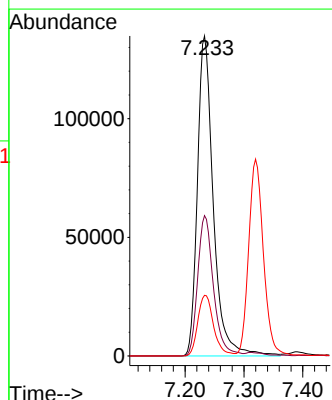
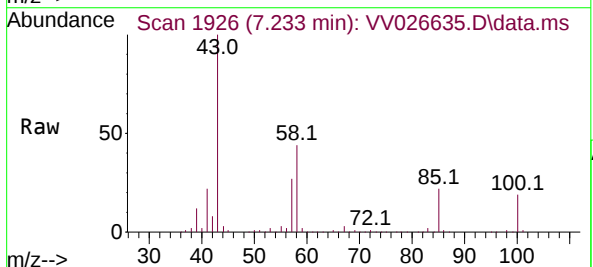
Tgt Ion: 43 Resp: 252845

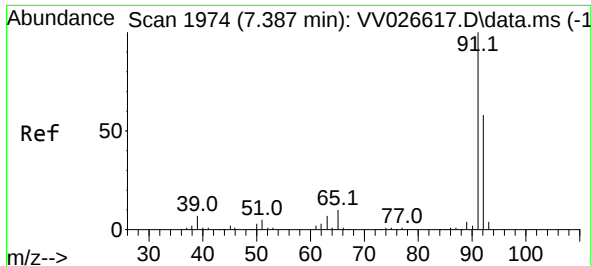
Ion Ratio Lower Upper

43 100

58 43.5 33.3 49.9

100 18.9 14.3 21.5





#42

Toluene

Concen: 5.275 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

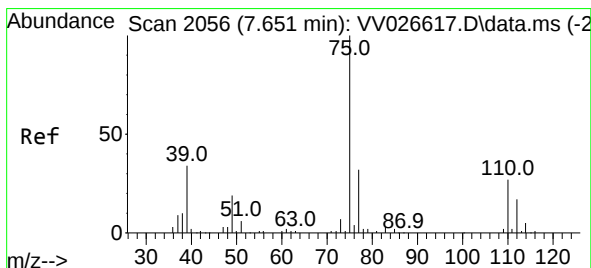
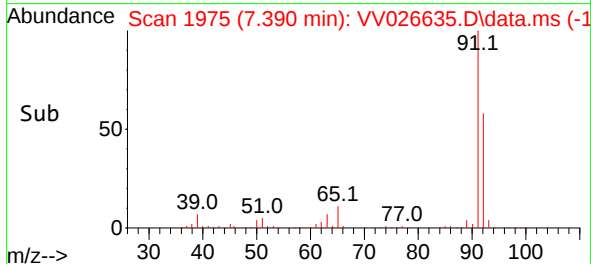
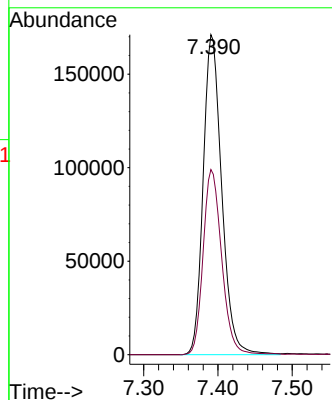
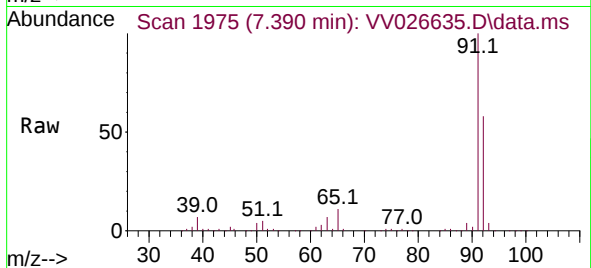
VSTD005340

Tgt Ion: 91 Resp: 296456

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.747 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026635.D

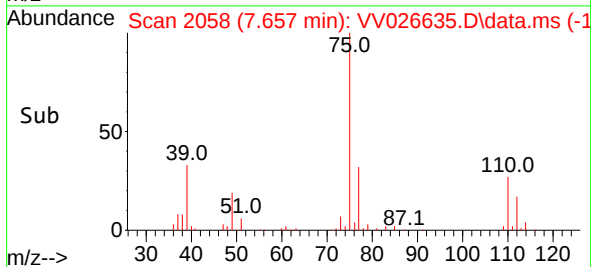
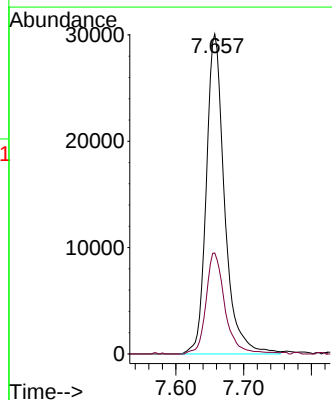
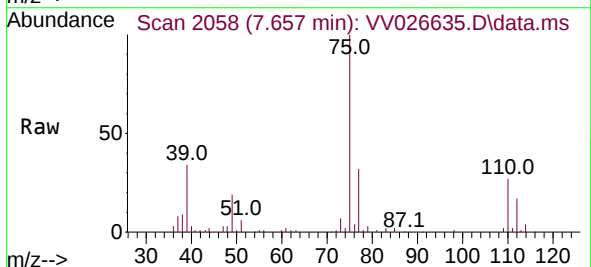
Acq: 01 Jul 2022 17:54

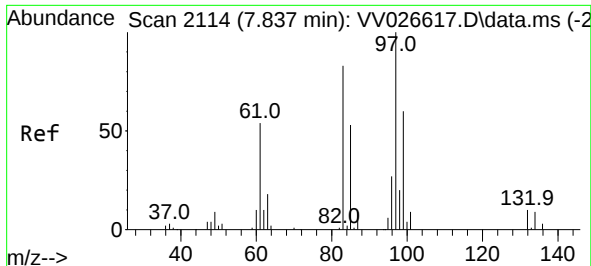
Tgt Ion: 75 Resp: 56373

Ion Ratio Lower Upper

75 100

77 31.5 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.597 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

Tgt Ion: 97 Resp: 46312

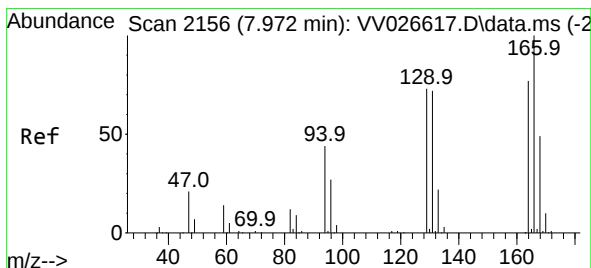
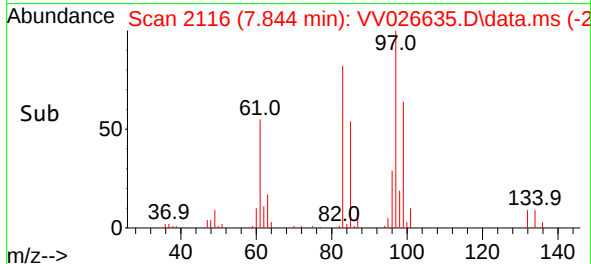
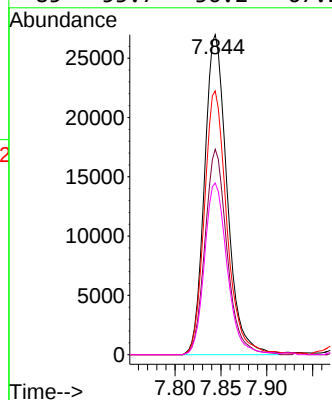
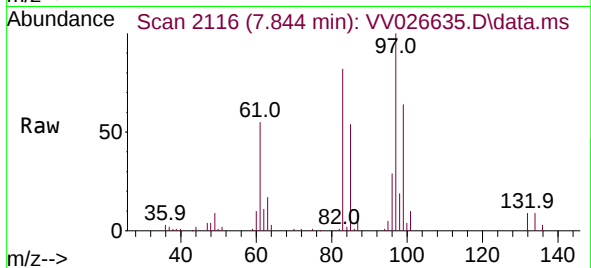
Ion Ratio Lower Upper

97 100

99 64.2 43.4 80.6

83 82.4 58.0 107.8

85 53.7 36.2 67.2



#47

Tetrachloroethene

Concen: 4.906 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Tgt Ion: 164 Resp: 55901

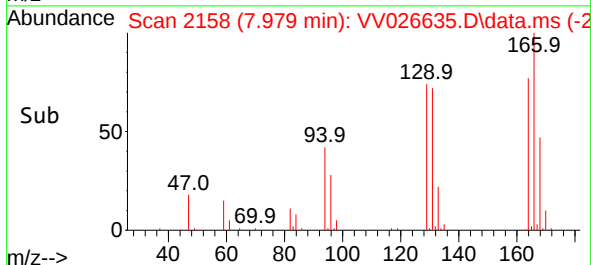
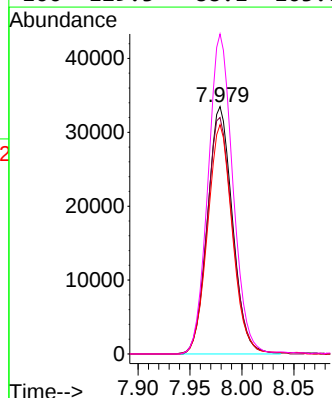
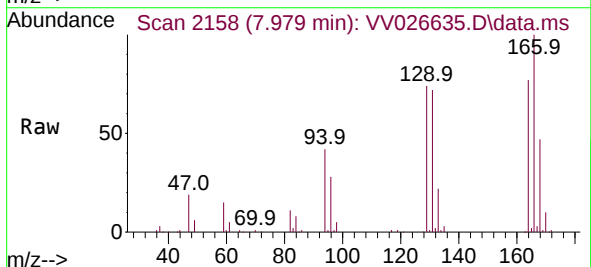
Ion Ratio Lower Upper

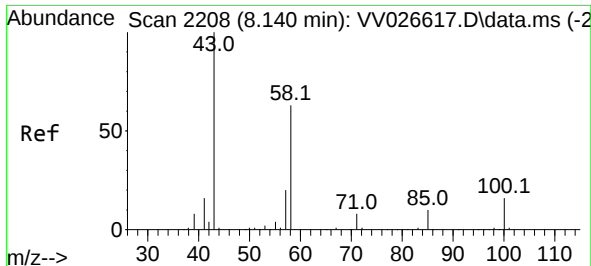
164 100

129 95.6 66.4 123.2

131 92.7 64.4 119.6

166 129.3 88.1 163.7



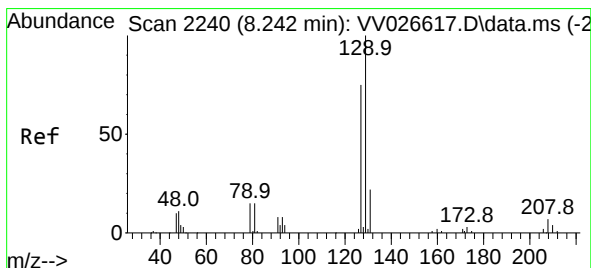
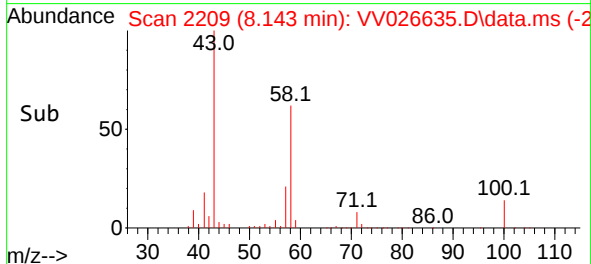
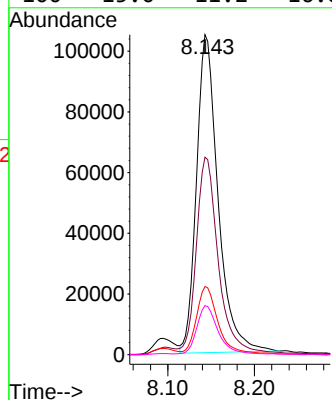
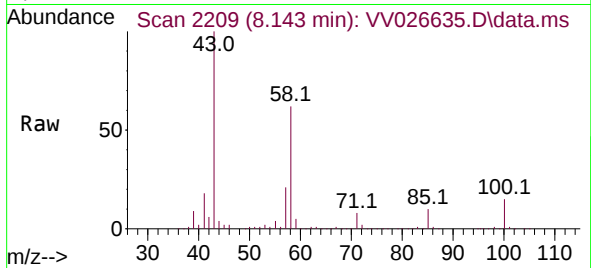


#48
2-Hexanone
Concen: 58.945 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

Tgt Ion: 43 Resp: 181847

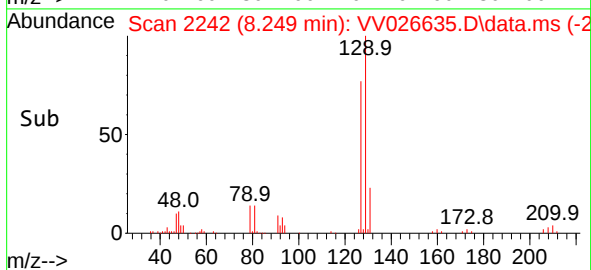
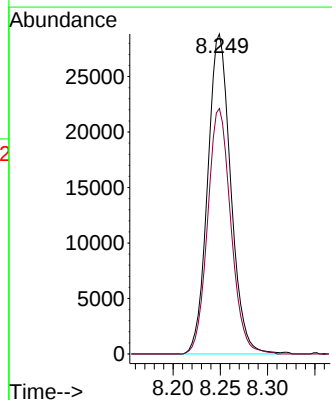
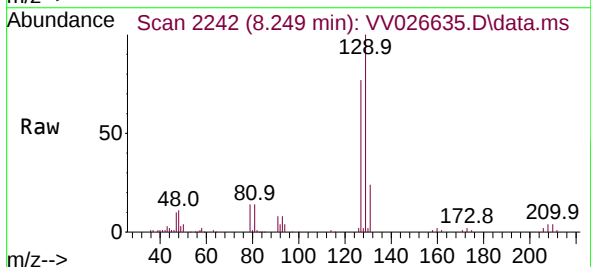
Ion	Ratio	Lower	Upper
43	100		
58	63.2	47.8	71.6
57	21.6	15.0	22.6
100	15.0	11.2	16.8

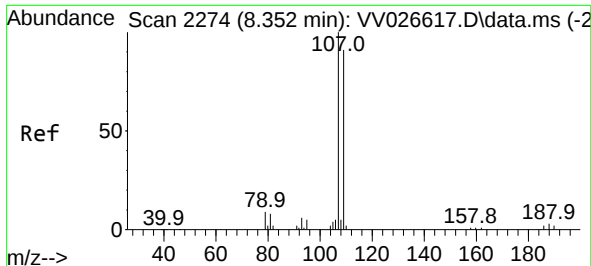


#49
Dibromochloromethane
Concen: 5.845 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 129 Resp: 48973

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.493 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

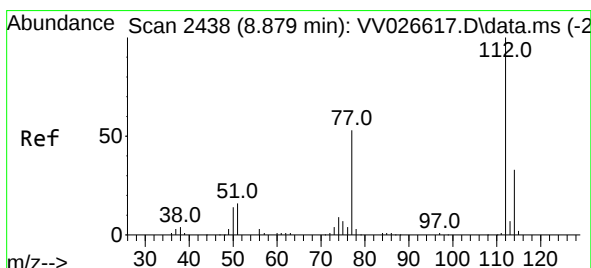
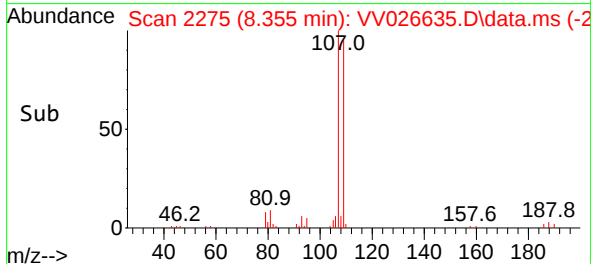
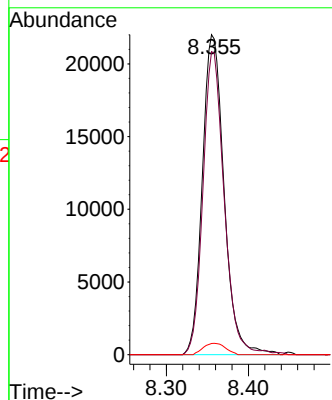
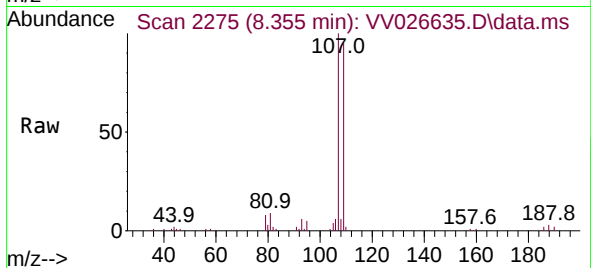
Tgt Ion:107 Resp: 40407

Ion Ratio Lower Upper

107 100

109 94.7 67.8 125.8

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 5.040 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

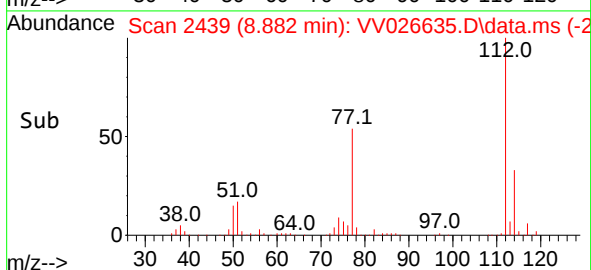
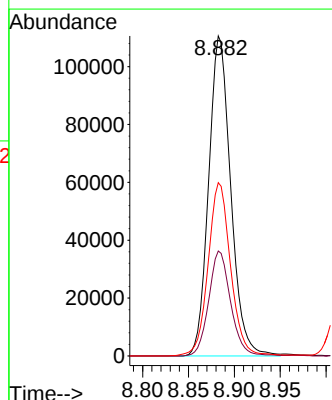
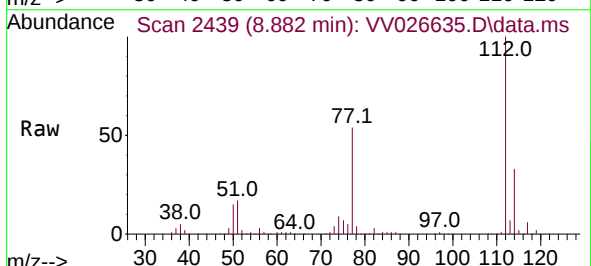
Tgt Ion:112 Resp: 185541

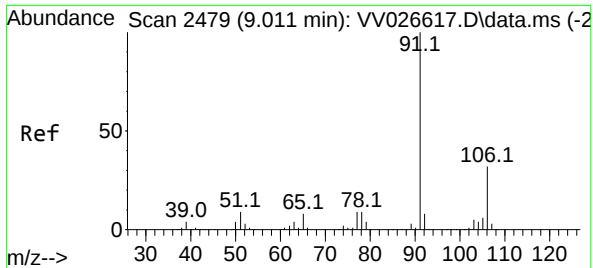
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 54.1 44.4 66.6

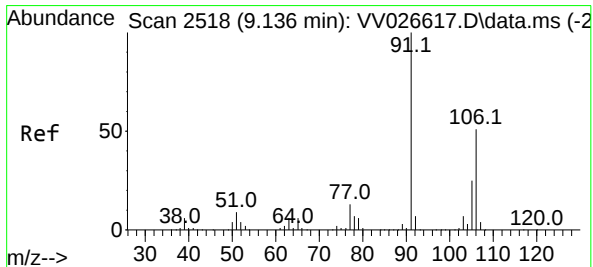
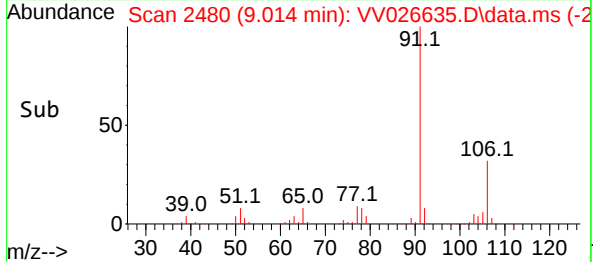
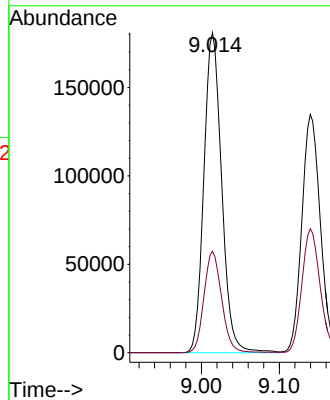
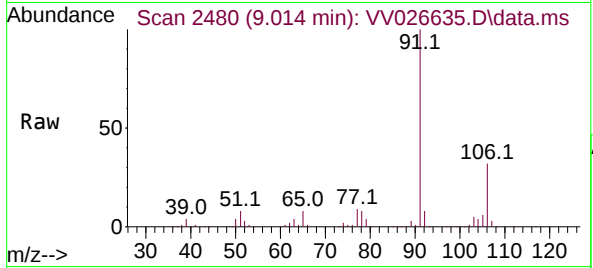




#52
Ethylbenzene
Concen: 4.934 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

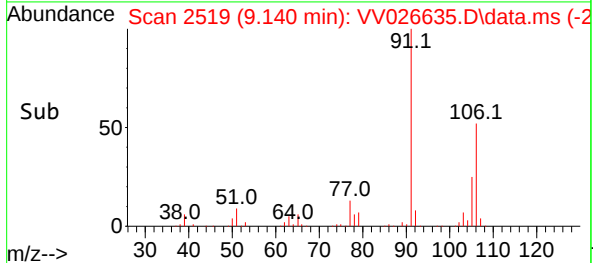
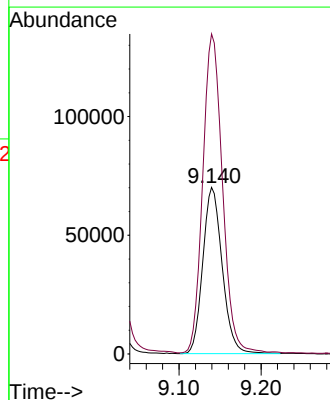
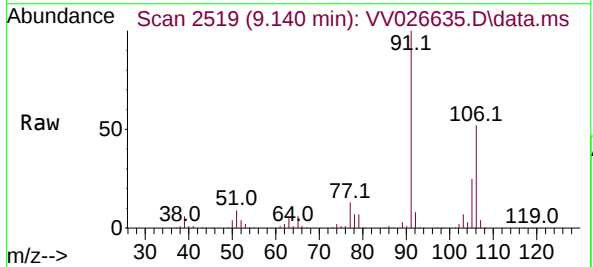
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

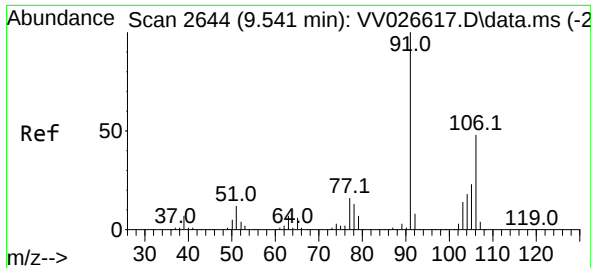
Tgt Ion: 91 Resp: 286759
Ion Ratio Lower Upper
91 100
106 31.7 22.1 41.1



#53
m,p-Xylene
Concen: 5.066 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 106 Resp: 114859
Ion Ratio Lower Upper
106 100
91 192.1 139.9 259.9

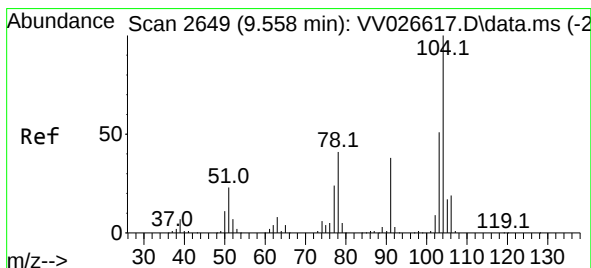
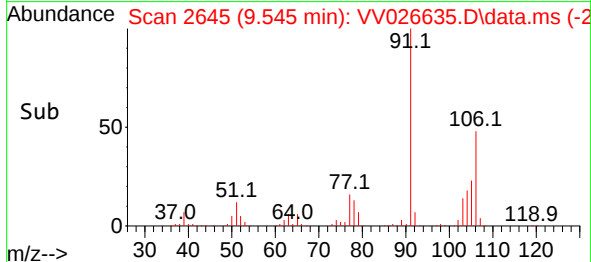
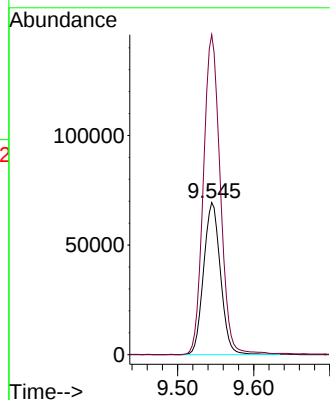
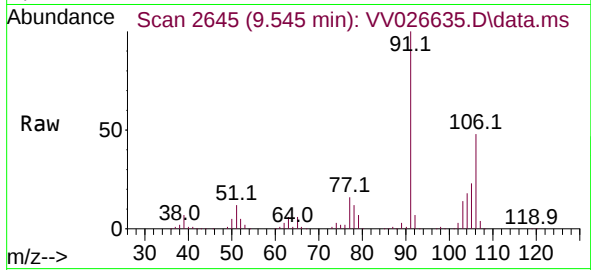




#54
o-Xylene
Concen: 5.036 ug/L
RT: 9.545 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

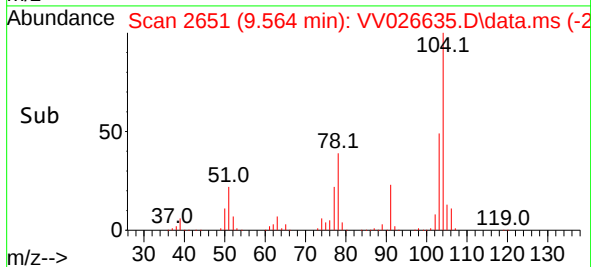
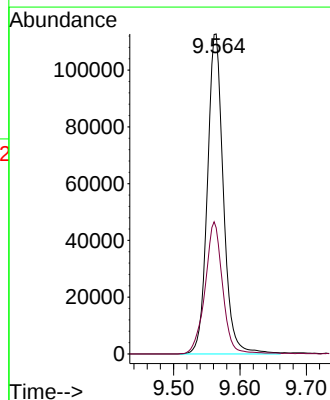
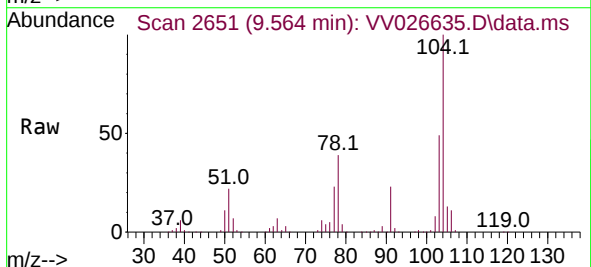
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

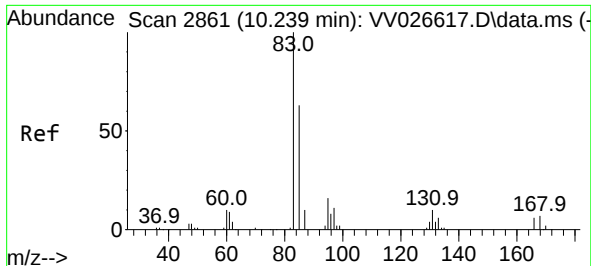
Tgt Ion:106 Resp: 107181
Ion Ratio Lower Upper
106 100
91 210.3 147.5 273.9



#55
Styrene
Concen: 5.372 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion:104 Resp: 189372
Ion Ratio Lower Upper
104 100
78 39.4 28.4 52.8

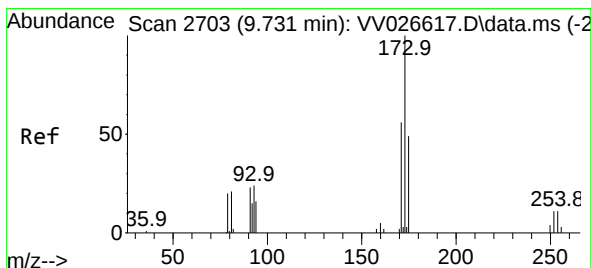
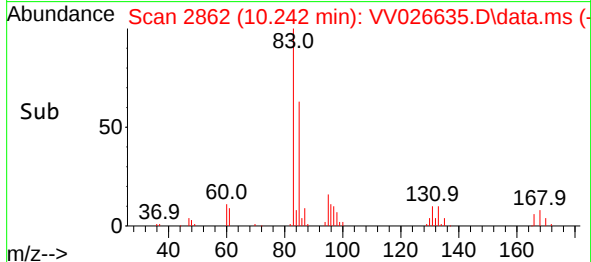
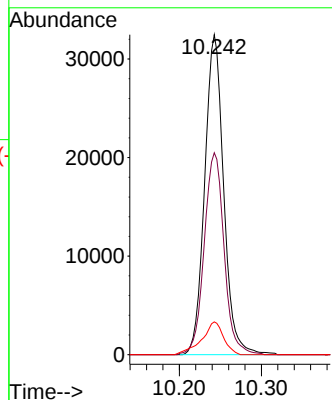
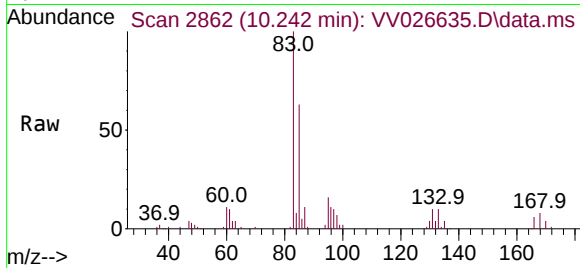




#57
1,1,2,2-Tetrachloroethane
Concen: 5.655 ug/L
RT: 10.242 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

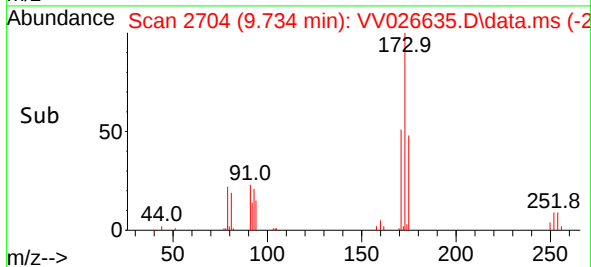
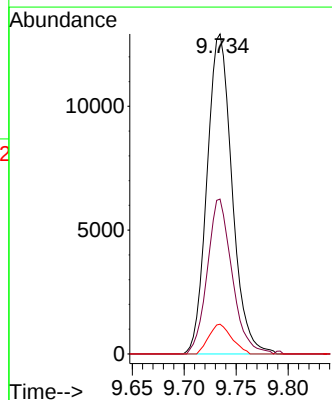
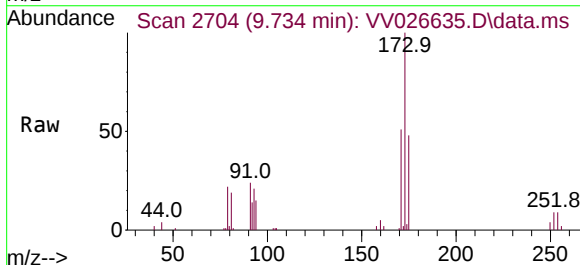
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

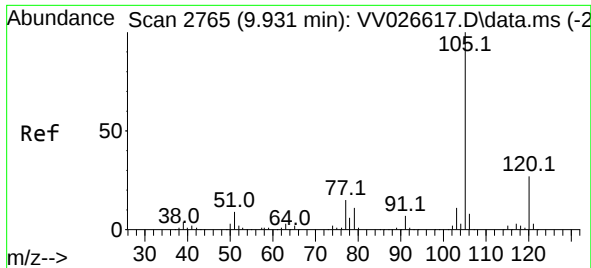
Tgt Ion: 83 Resp: 52250
Ion Ratio Lower Upper
83 100
85 63.1 44.3 82.3
131 10.3 8.0 12.0



#59
Bromoform
Concen: 5.914 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 173 Resp: 21637
Ion Ratio Lower Upper
173 100
175 48.0 37.9 56.9
254 8.5 6.3 9.5

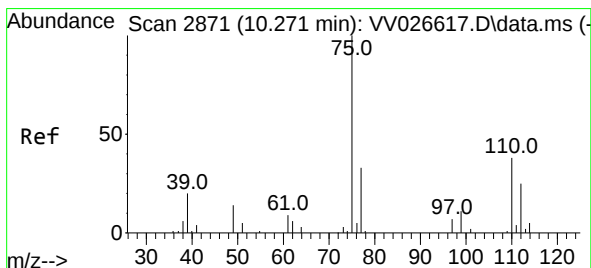
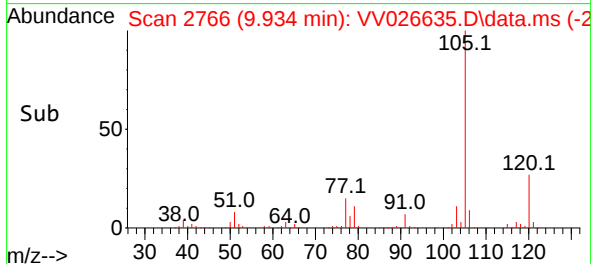
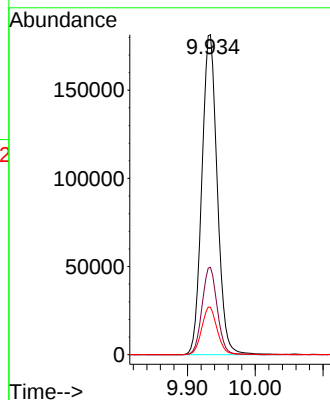
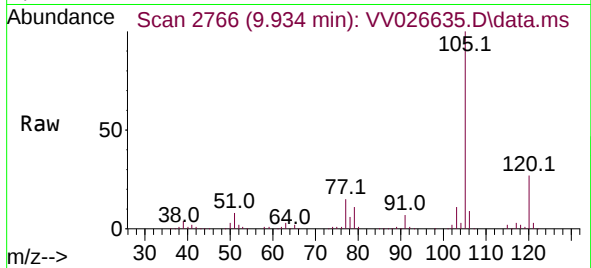




#60
Isopropylbenzene
Concen: 4.667 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

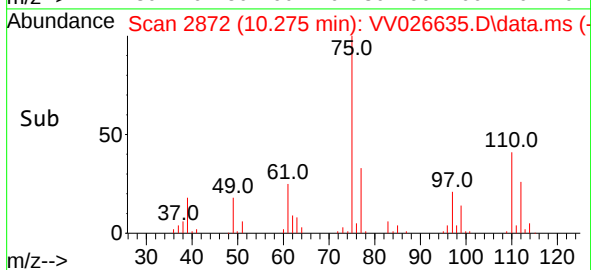
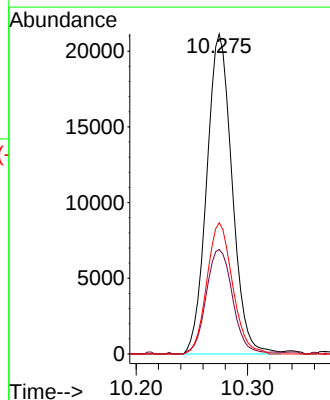
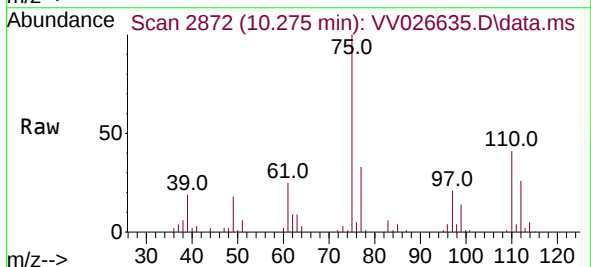
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

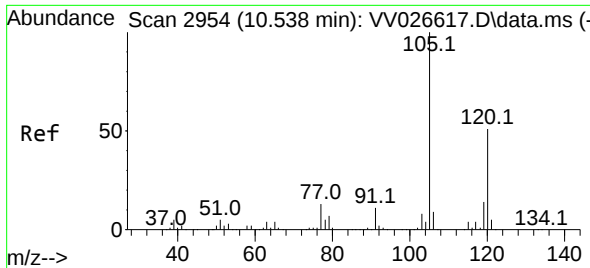
Tgt Ion:105 Resp: 285777
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.1 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.205 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 75 Resp: 33462
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.6
110 41.4 32.5 48.7

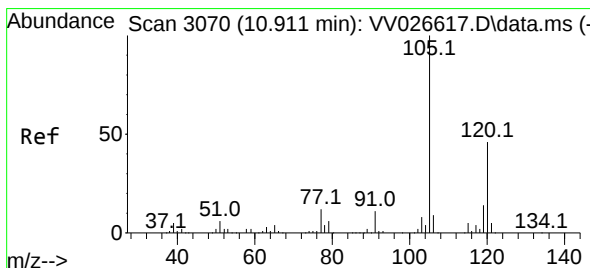
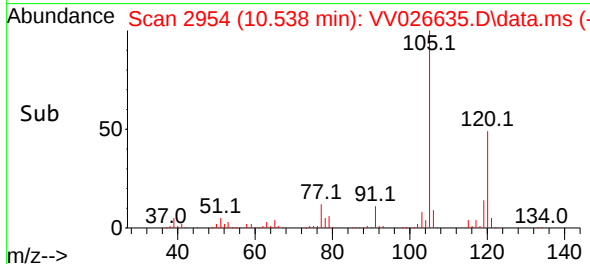
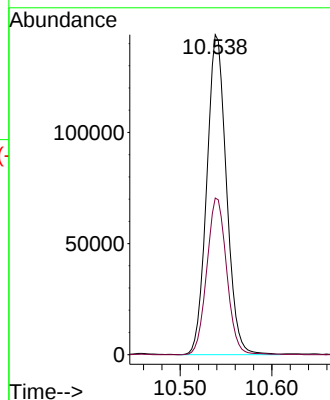
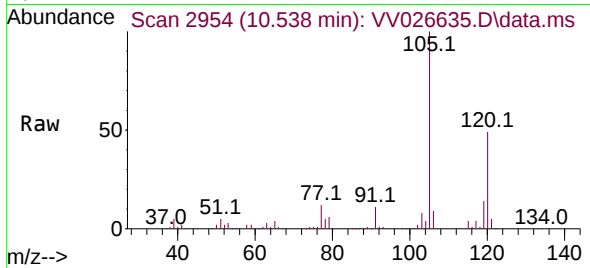




#62
1,3,5-Trimethylbenzene
Concen: 4.438 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

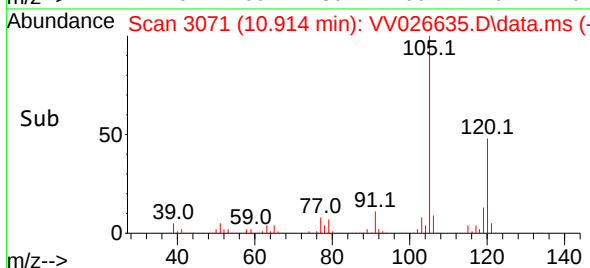
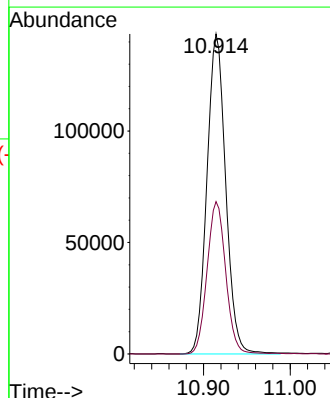
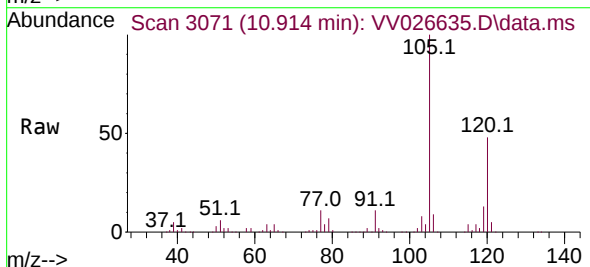
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

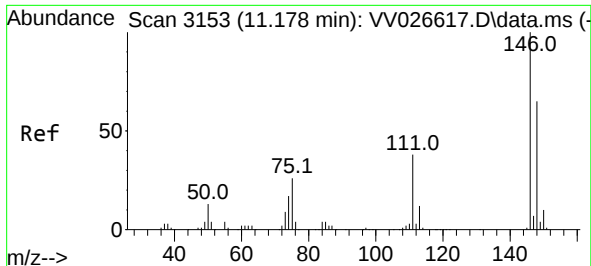
Tgt Ion:105 Resp: 214814
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.518 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion:105 Resp: 215637
Ion Ratio Lower Upper
105 100
120 47.3 37.4 56.2

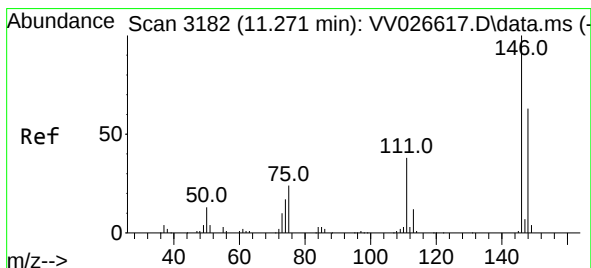
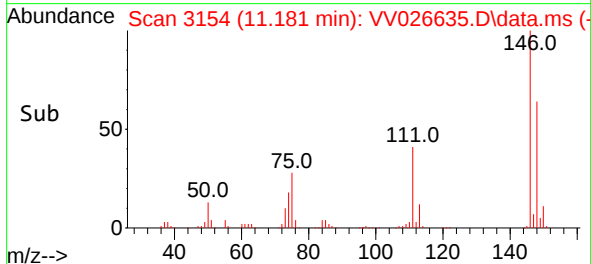
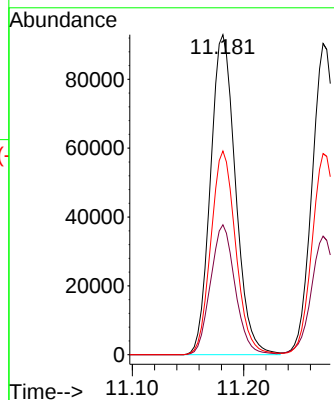
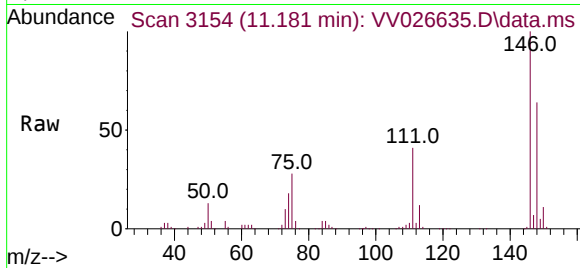




#64
1,3-Dichlorobenzene
Concen: 4.876 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

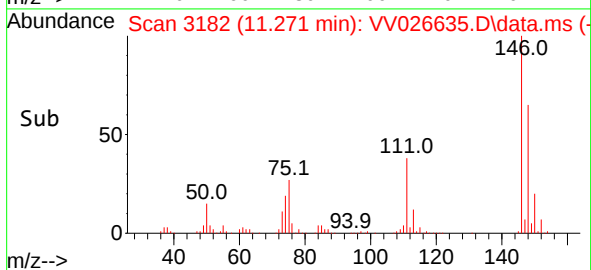
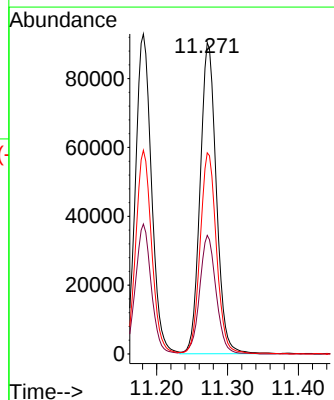
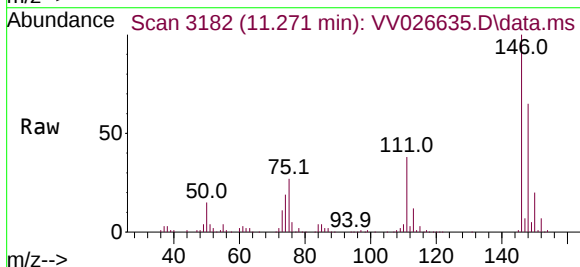
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

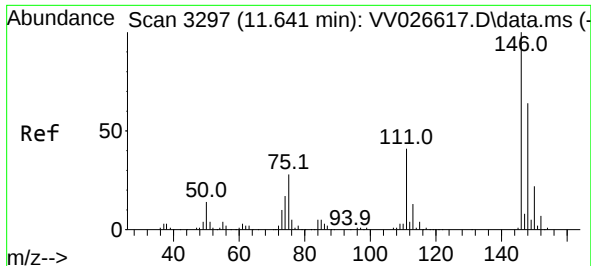
Tgt Ion:146 Resp: 145219
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.7
148 63.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.856 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion:146 Resp: 143607
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 64.6 43.7 81.1

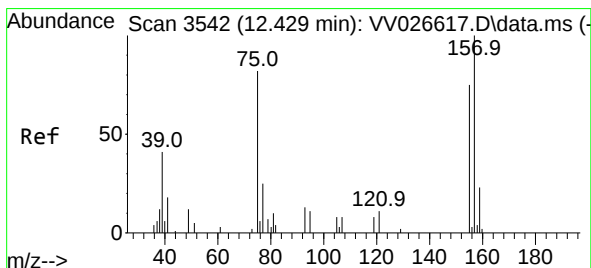
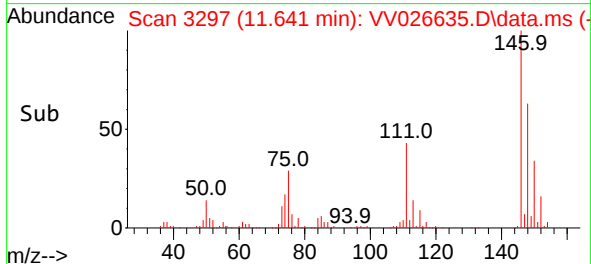
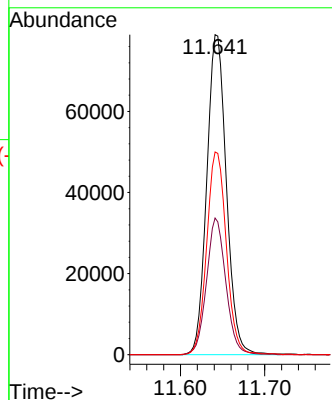
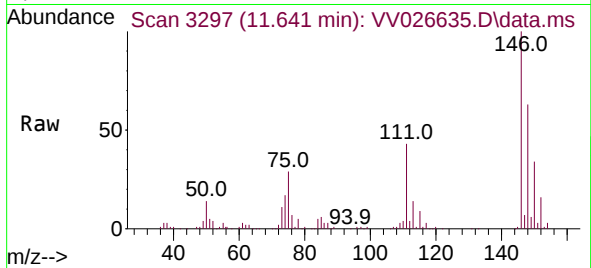




#67
1,2-Dichlorobenzene
Concen: 5.044 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

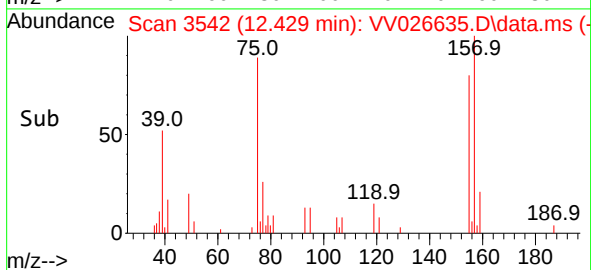
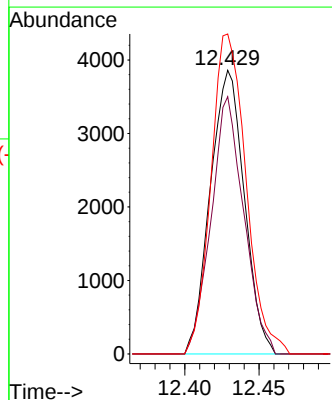
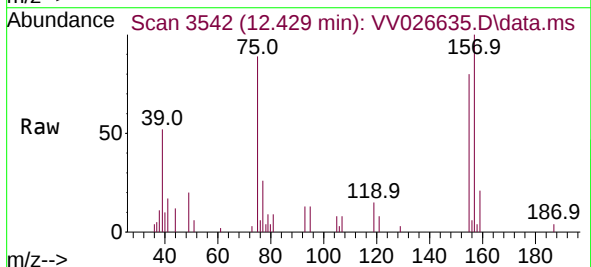
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

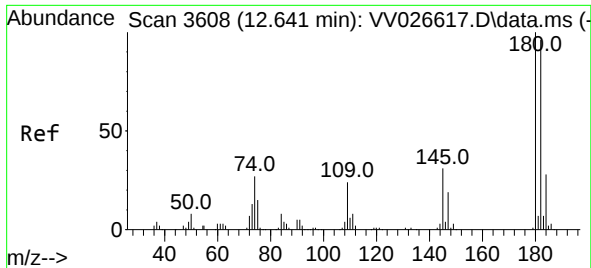
Tgt Ion:146 Resp: 127825
Ion Ratio Lower Upper
146 100
111 42.7 32.8 49.2
148 63.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.331 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion: 75 Resp: 6147
Ion Ratio Lower Upper
75 100
155 90.7 74.7 112.1
157 112.8 96.9 145.3

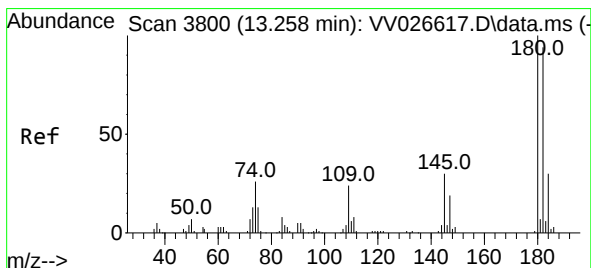
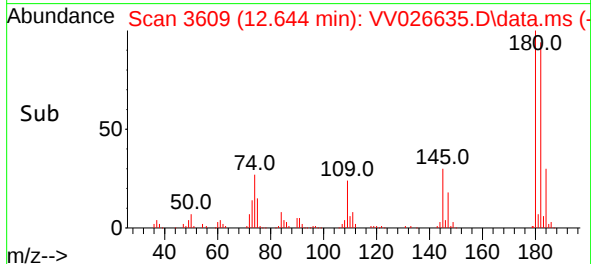
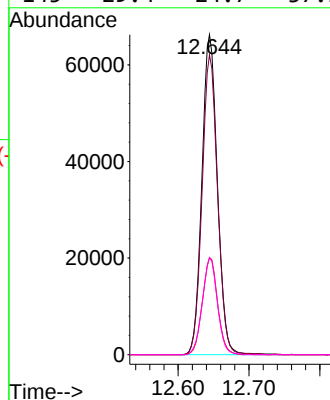
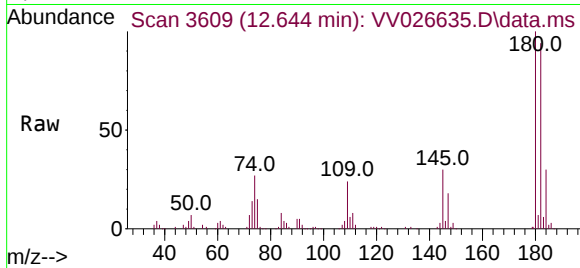




#69
1,3,5-Trichlorobenzene
Concen: 4.698 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

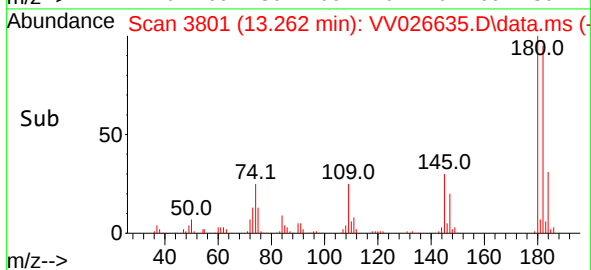
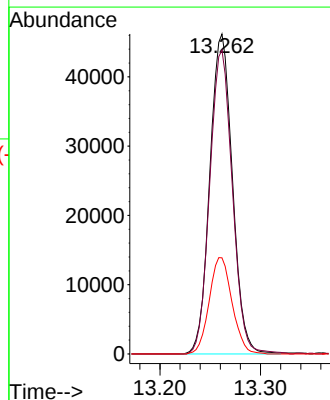
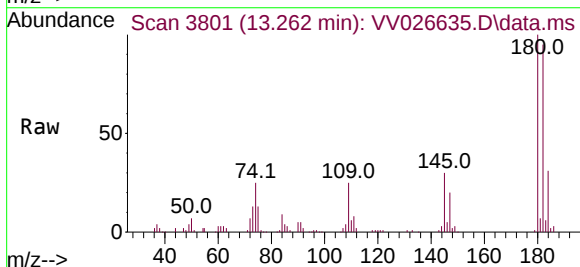
Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

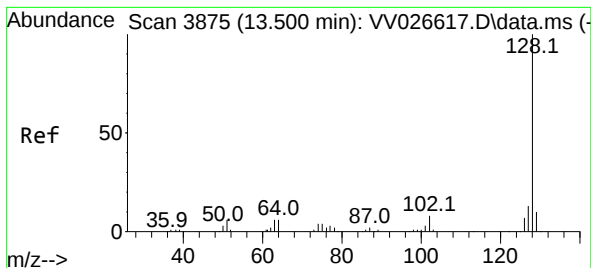
Tgt Ion:180 Resp: 100604
Ion Ratio Lower Upper
180 100
182 93.1 76.6 115.0
184 29.8 24.1 36.1
145 29.4 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 4.764 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026635.D
Acq: 01 Jul 2022 17:54

Tgt Ion:180 Resp: 72033
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 30.5 24.4 36.6





#71

Naphthalene

Concen: 4.836 ug/L

RT: 13.503 min Scan# 3911

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005340

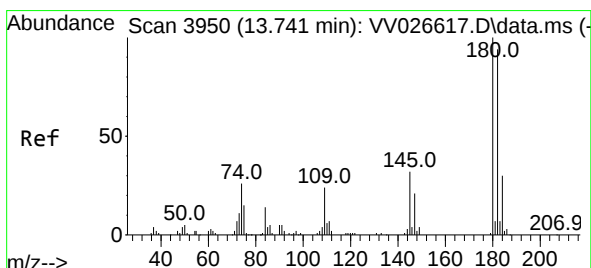
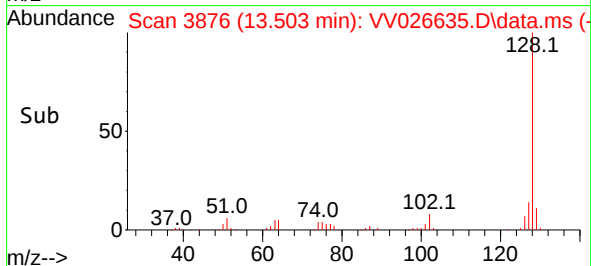
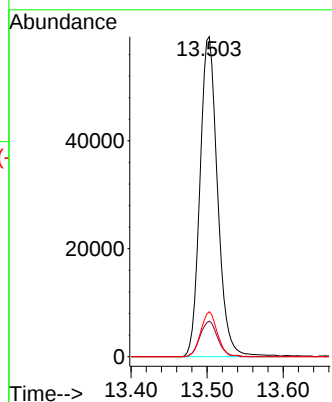
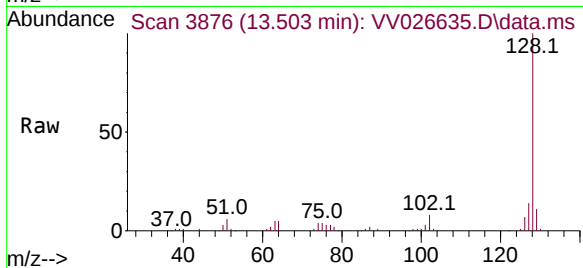
Tgt Ion:128 Resp: 95396

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.077 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026635.D

Acq: 01 Jul 2022 17:54

Tgt Ion:180 Resp: 62832

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 31.5 25.8 38.6

