

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025403.D
 Acq On : 08 Apr 2022 11:47
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001232

Quant Time: Apr 09 04:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	241136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	20501	0.909	ug/L	0.00
7) Chloroethane-d5	1.571	69	19531	0.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	43470	0.904	ug/L	0.00
20) 2-Butanone-d5	3.899	46	22501	9.505	ug/L	0.01
24) Chloroform-d	4.355	84	30381	1.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	13237	0.995	ug/L	0.00
32) Benzene-d6	5.053	84	60747	0.990	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	16759	0.972	ug/L	0.00
41) Toluene-d8	7.317	98	55538	0.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5352	0.953	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	17402	8.665	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	11106	0.983	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	19569	0.956	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	24812	1.099	ug/L	97
3) Chloromethane	1.243	50	25964	0.975	ug/L	98
5) Vinyl chloride	1.314	62	29209	0.981	ug/L	96
6) Bromomethane	1.526	94	19217	1.061	ug/L	98
8) Chloroethane	1.587	64	20604	1.080	ug/L	96
9) Trichlorofluoromethane	1.757	101	42073	1.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	24746	1.035	ug/L	97
12) 1,1-Dichloroethene	2.121	96	23015	1.013	ug/L	88
13) Acetone	2.175	43	19934	11.762	ug/L	96
14) Carbon disulfide	2.297	76	54454	1.138	ug/L	97
15) Methyl Acetate	2.442	43	3554	0.931	ug/L	95
16) Methylene chloride	2.510	84	24985	1.359	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	36074	1.223	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	19268	1.161	ug/L	97
19) 1,1-Dichloroethane	3.191	63	32137	1.156	ug/L	96
21) 2-Butanone	3.985	43	26921	11.775	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	19679	1.147	ug/L	95
23) Bromochloromethane	4.256	128	8553	1.216	ug/L	98
25) Chloroform	4.381	83	34907	1.136	ug/L	99
27) 1,2-Dichloroethane	5.137	62	17028	1.070	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	30343	1.124	ug/L	98
30) Cyclohexane	4.677	56	27763	1.143	ug/L	99
31) Carbon tetrachloride	4.828	117	26502	1.138	ug/L	100
33) Benzene	5.101	78	74960	1.134	ug/L	100
34) Trichloroethene	5.918	95	21316	1.171	ug/L	95
35) Methylcyclohexane	6.127	83	32559	1.148	ug/L	97
37) 1,2-Dichloropropane	6.175	63	17367	1.132	ug/L #	97
38) Bromodichloromethane	6.513	83	21823	1.125	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	21078	1.063	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	65723	10.685	ug/L	98
42) Toluene	7.387	91	82433	1.172	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	15619	0.999	ug/L	88

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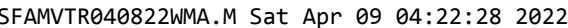
Quant Time: Apr 09 04:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
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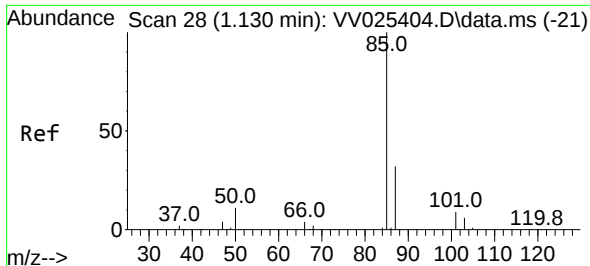
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	11573	1.108	ug/L	98
47) Tetrachloroethene	7.976	164	16435	1.231	ug/L	98
48) 2-Hexanone	8.143	43	44289	10.137	ug/L	97
49) Dibromochloromethane	8.246	129	12390	1.096	ug/L	93
50) 1,2-Dibromoethane	8.355	107	10706	1.093	ug/L #	96
51) Chlorobenzene	8.882	112	54707	1.201	ug/L	96
52) Ethylbenzene	9.011	91	86673	1.161	ug/L	99
53) m,p-Xylene	9.140	106	33079	1.138	ug/L	98
54) o-Xylene	9.545	106	31926	1.154	ug/L	100
55) Styrene	9.561	104	51111	1.125	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	11471	1.061	ug/L	97
59) Bromoform	9.731	173	5398	1.107	ug/L	94
60) Isopropylbenzene	9.931	105	83506	1.069	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	9118	1.028	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	36382	1.033	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	64840	1.038	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	40891	1.115	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	40706	1.101	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	35841	1.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1498	0.940	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	31376	1.177	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	22906	1.135	ug/L	98
71) Naphthalene	13.503	128	31581	1.011	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	19271	1.113	ug/L	98

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

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QLast Update : Sat Apr 09 04:20:56 2022
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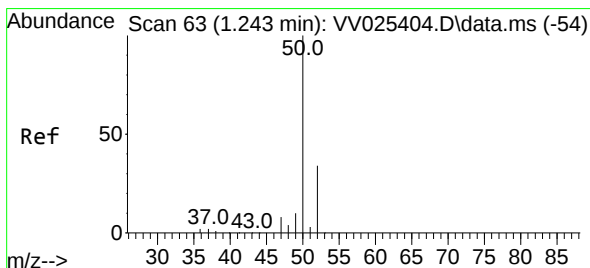
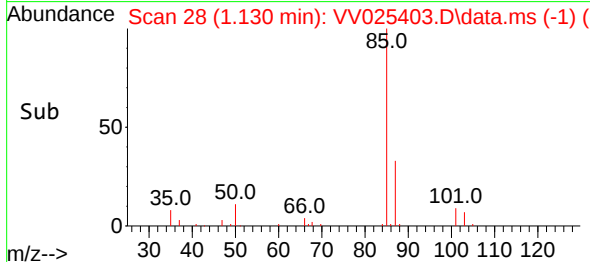
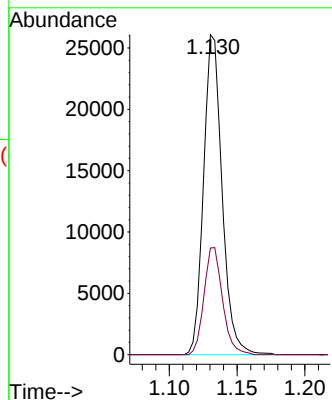
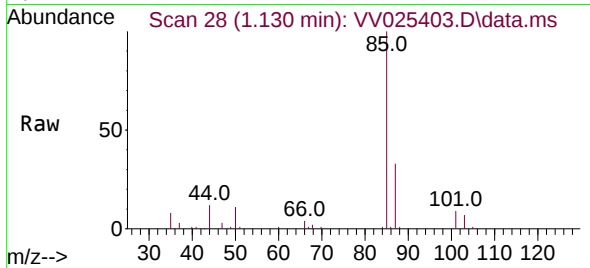




#2
 Dichlorodifluoromethane
 Concen: 1.099 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

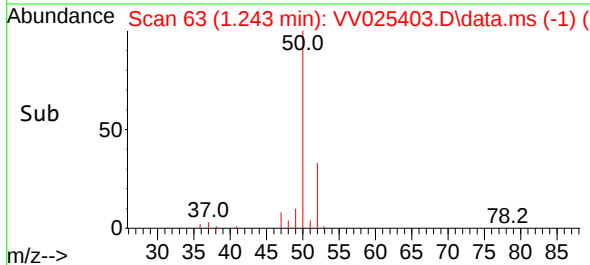
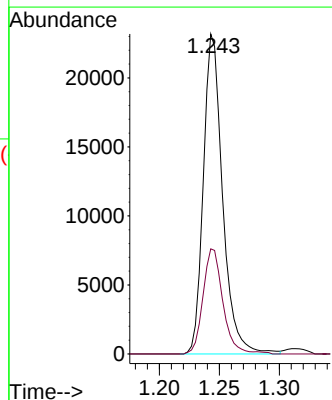
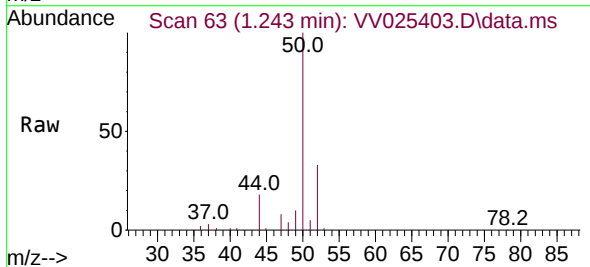
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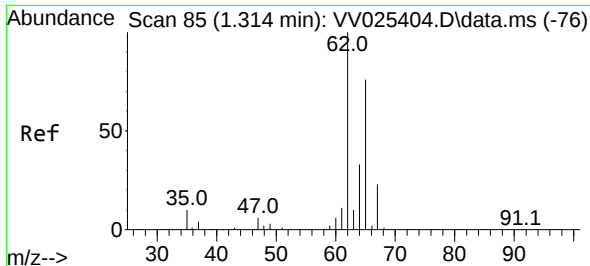
Tgt Ion: 85 Resp: 24812
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.6 38.4



#3
 Chloromethane
 Concen: 0.975 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

Tgt Ion: 50 Resp: 25964
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

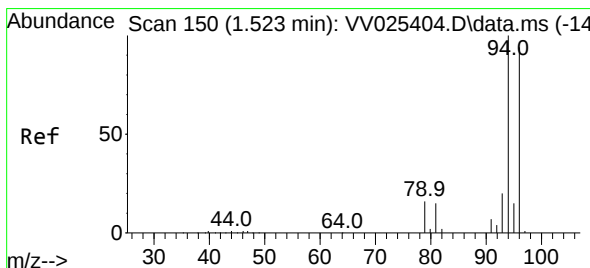
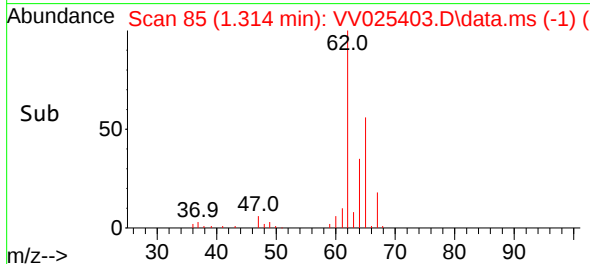
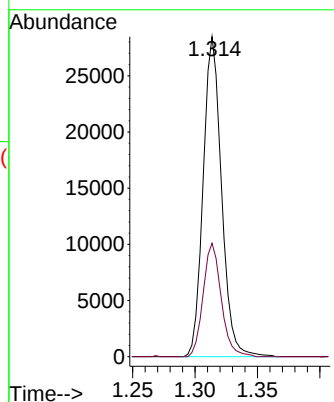
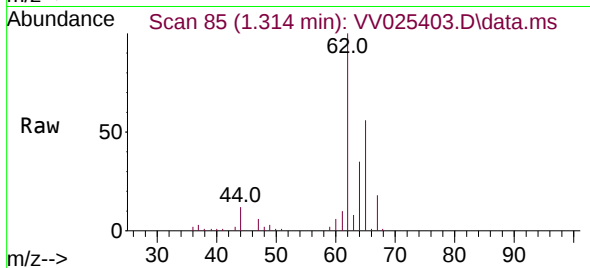




#5
 Vinyl chloride
 Concen: 0.981 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

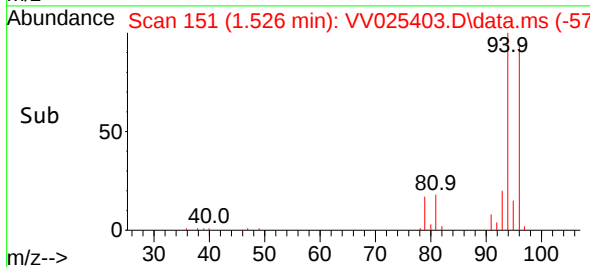
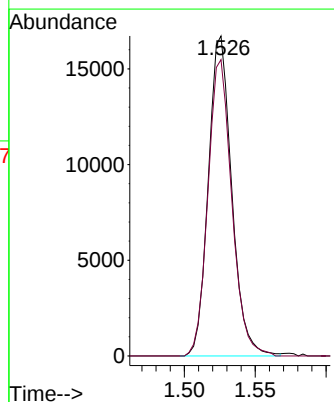
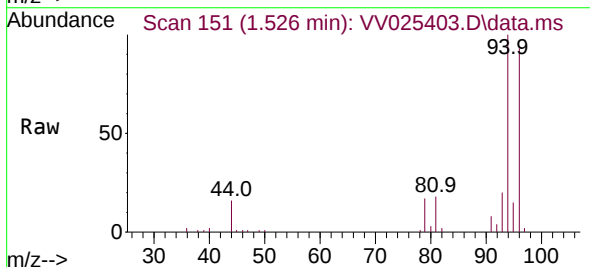
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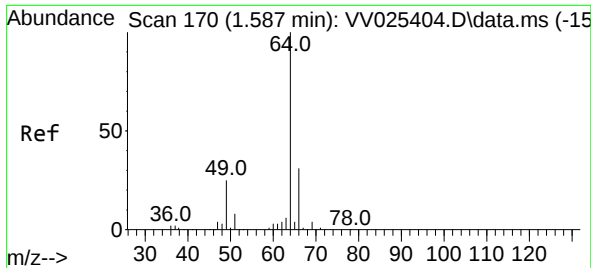
Tgt Ion: 62 Resp: 29209
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.2 43.2



#6
 Bromomethane
 Concen: 1.061 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

Tgt Ion: 94 Resp: 19217
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.1 122.7

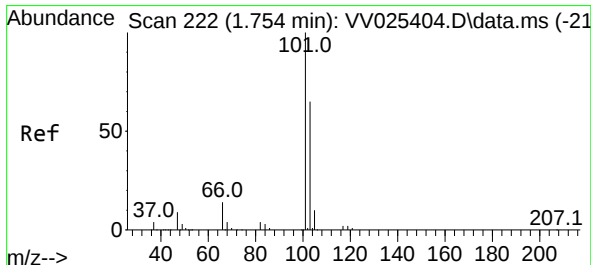
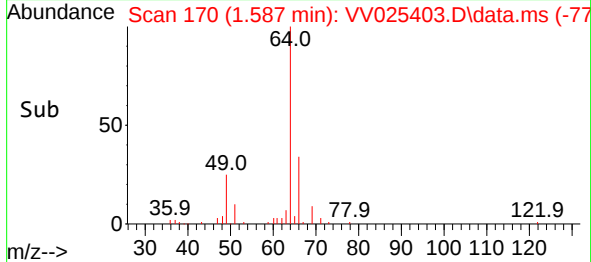
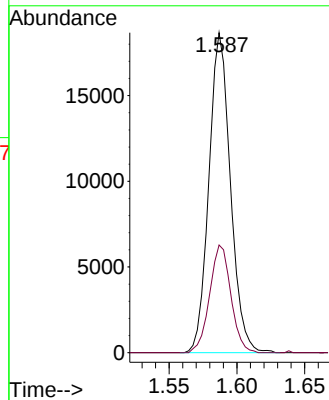
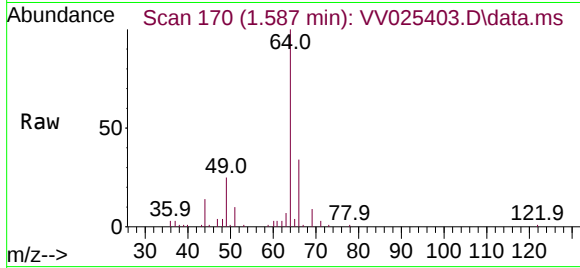




#8
Chloroethane
Concen: 1.080 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

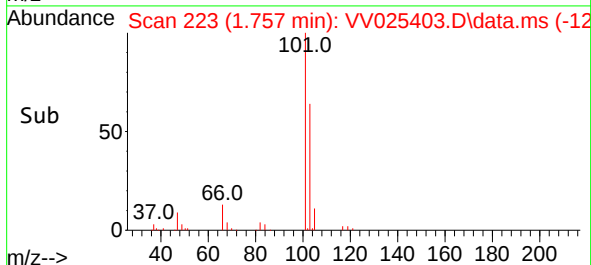
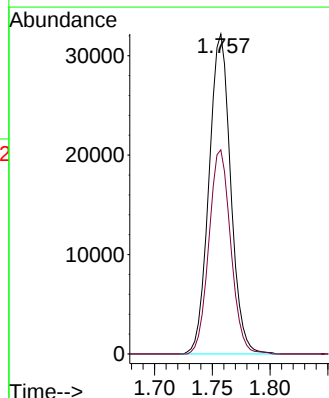
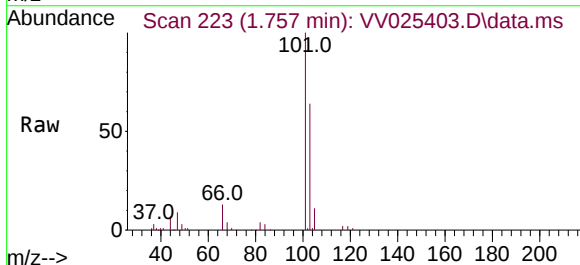
Instrument :
MSVOA_V
ClientSampleId :
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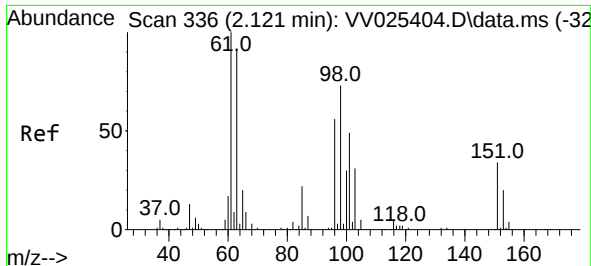
Tgt Ion: 64 Resp: 20604
Ion Ratio Lower Upper
64 100
66 33.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 1.048 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:101 Resp: 42073
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

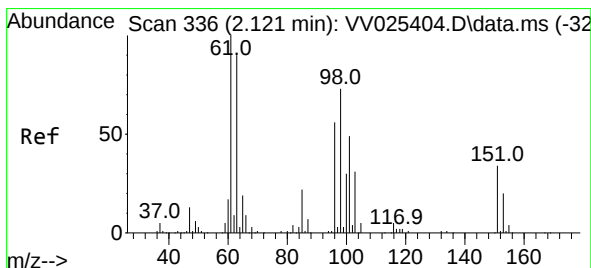
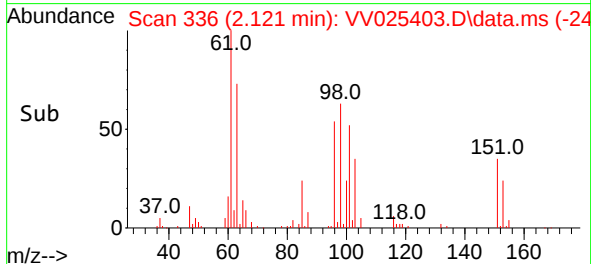
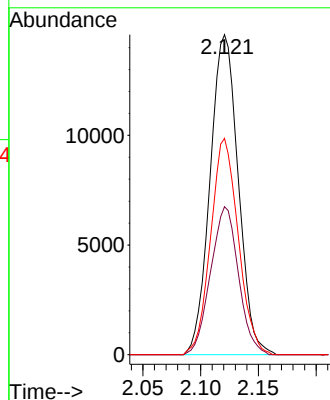
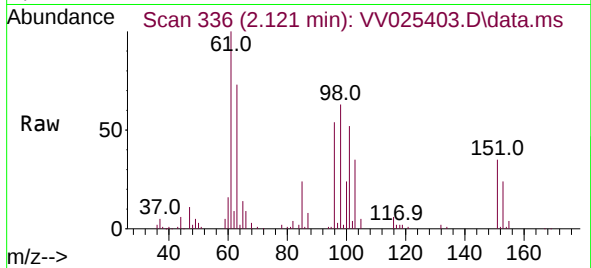




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.035 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

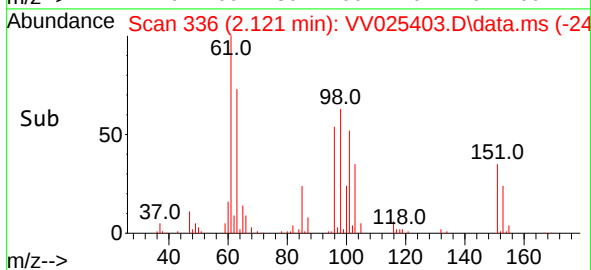
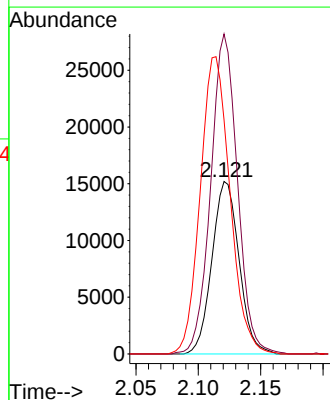
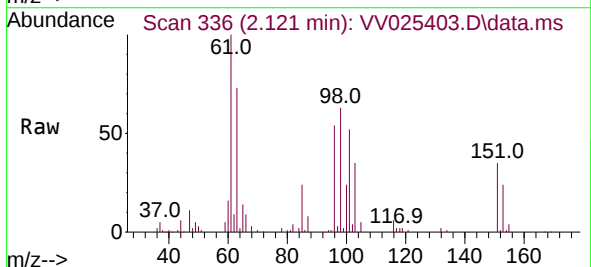
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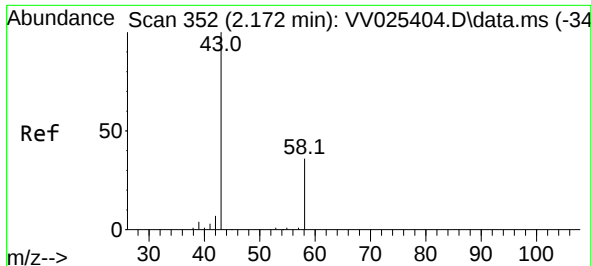
Tgt Ion:	101	Resp:	24746
Ion	Ratio	Lower	Upper
101	100		
85	45.8	35.9	53.9
151	66.3	56.0	84.0



#12
 1,1-Dichloroethene
 Concen: 1.013 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

Tgt Ion:	96	Resp:	23015
Ion	Ratio	Lower	Upper
96	100		
61	185.5	125.2	232.4
63	135.6	114.4	212.4





#13

Acetone

Concen: 11.762 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

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ClientSampleId :

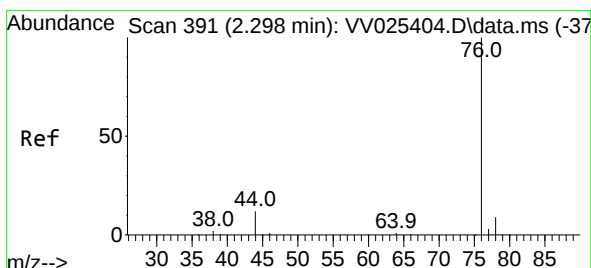
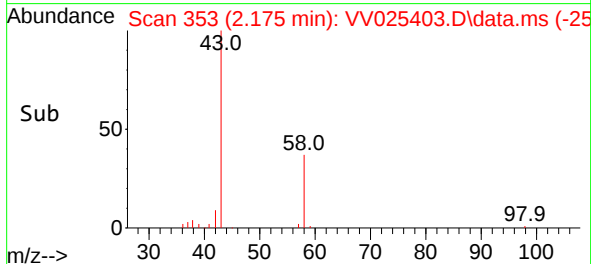
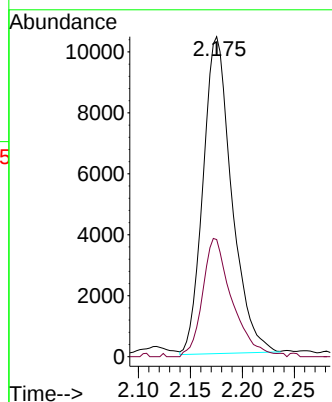
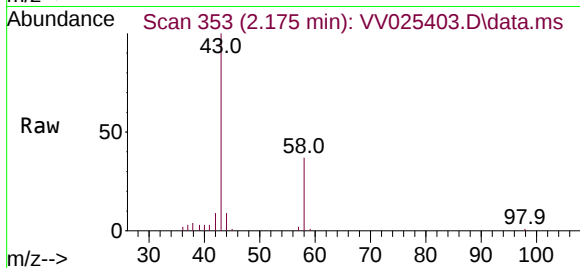
VSTD001232

Tgt Ion: 43 Resp: 19934

Ion Ratio Lower Upper

43 100

58 38.4 0.0 72.2



#14

Carbon disulfide

Concen: 1.138 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025403.D

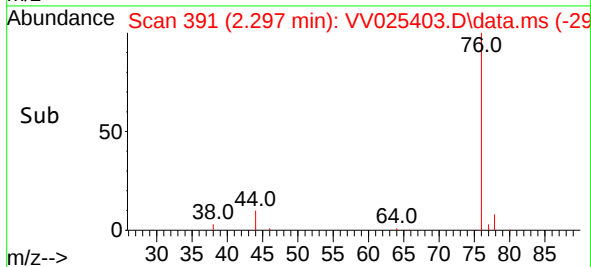
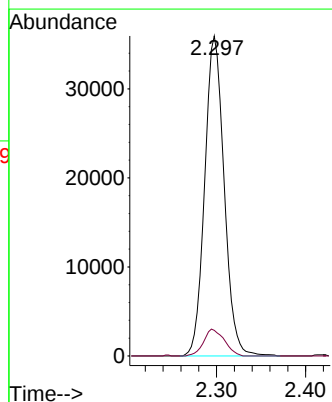
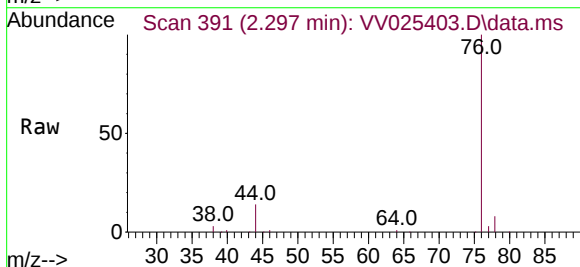
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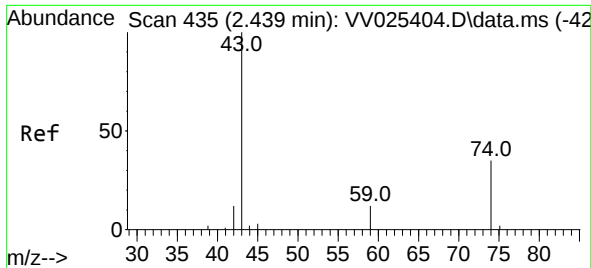
Tgt Ion: 76 Resp: 54454

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9





#15

Methyl Acetate

Concen: 0.931 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

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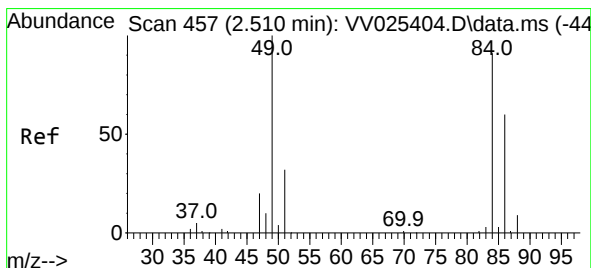
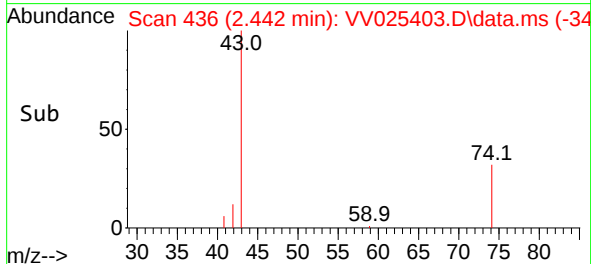
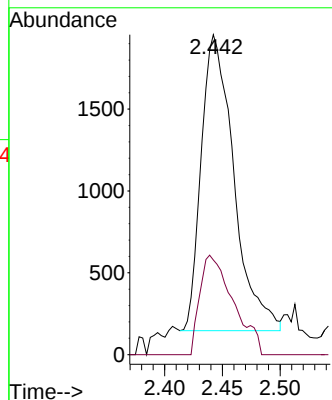
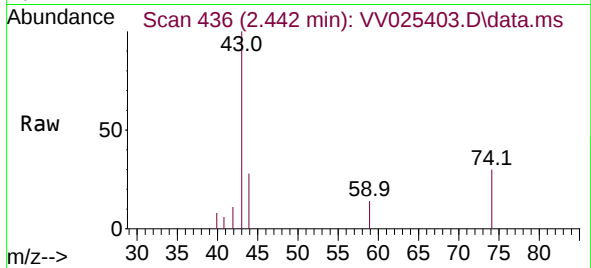
VSTD001232

Tgt Ion: 43 Resp: 3554

Ion Ratio Lower Upper

43 100

74 34.3 25.2 37.8



#16

Methylene chloride

Concen: 1.359 ug/L

RT: 2.510 min Scan# 457

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

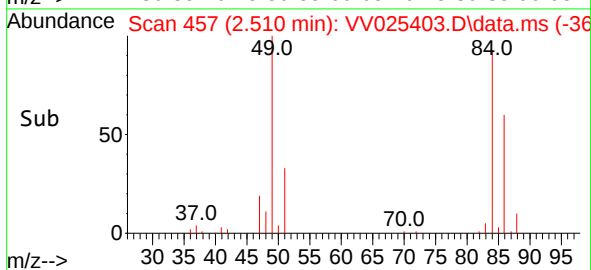
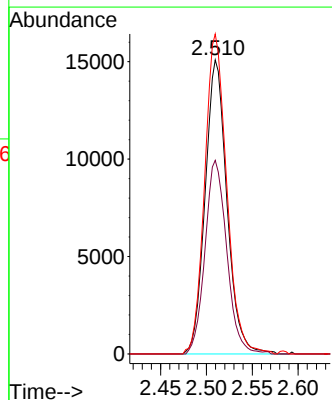
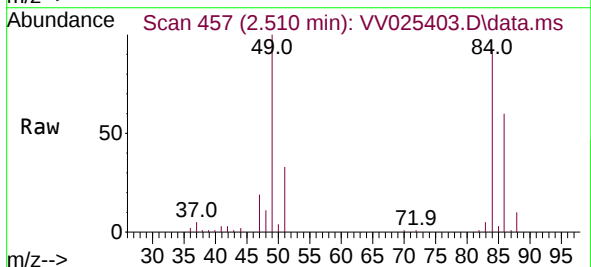
Tgt Ion: 84 Resp: 24985

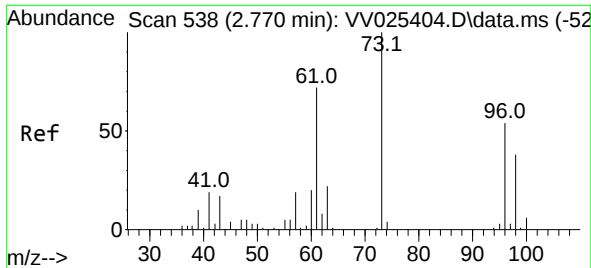
Ion Ratio Lower Upper

84 100

86 65.8 45.9 85.3

49 108.8 76.6 142.3

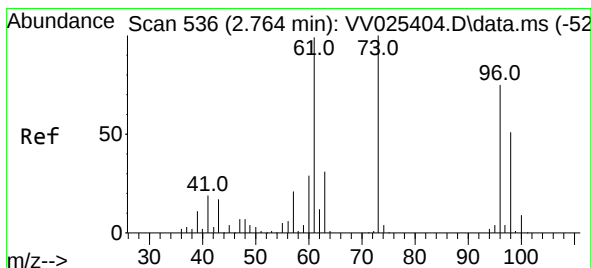
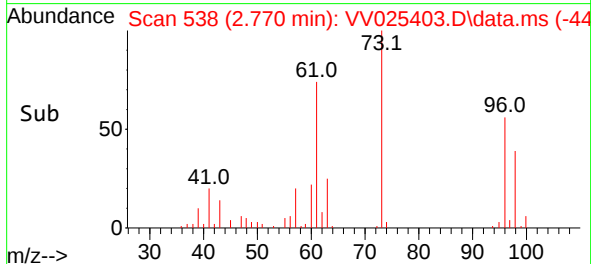
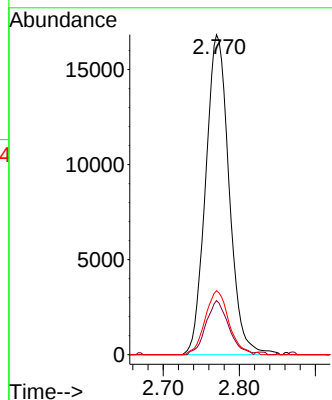
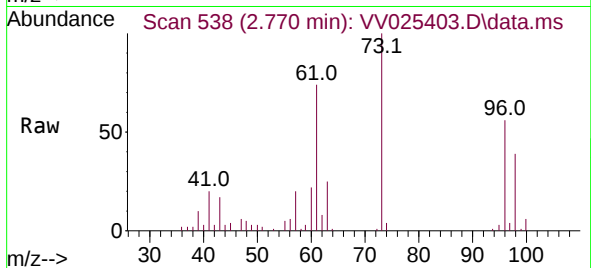




#17
Methyl tert-butyl Ether
Concen: 1.223 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

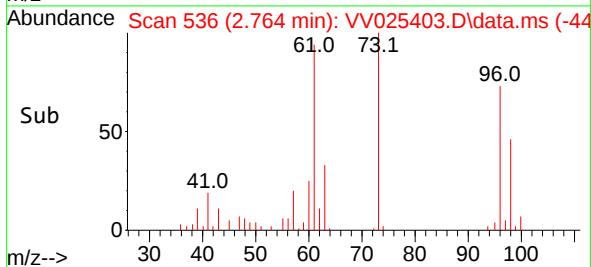
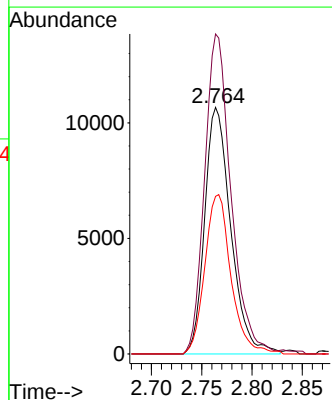
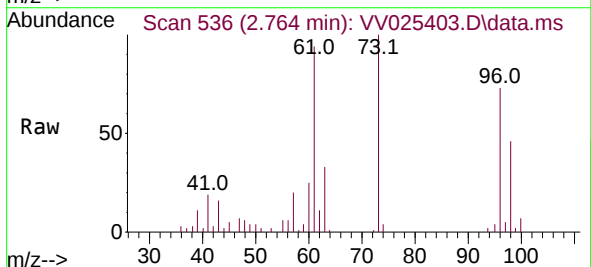
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

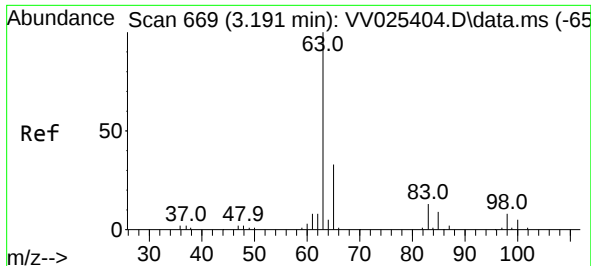
Tgt Ion: 73 Resp: 36074
Ion Ratio Lower Upper
73 100
43 16.4 14.2 21.4
57 20.1 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 1.161 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 96 Resp: 19268
Ion Ratio Lower Upper
96 100
61 129.8 92.1 171.1
98 63.9 47.5 88.1

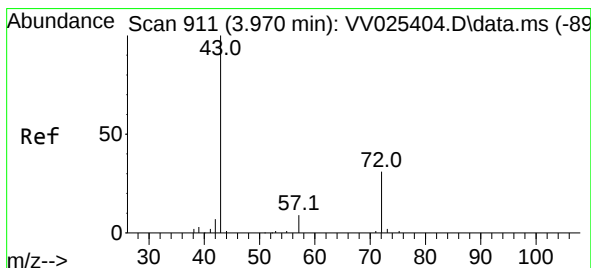
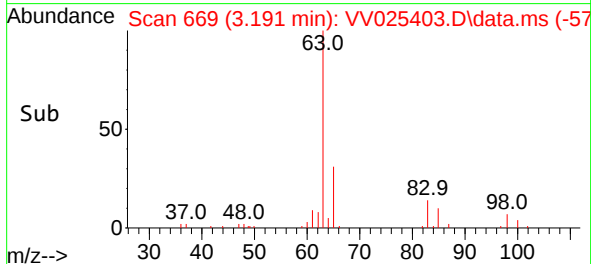
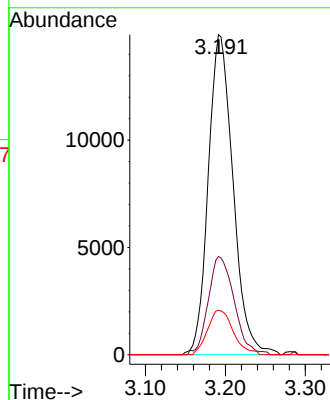
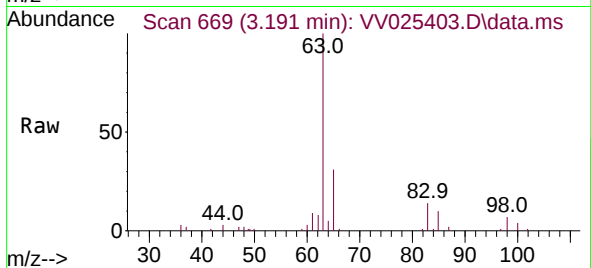




#19
1,1-Dichloroethane
Concen: 1.156 ug/L
RT: 3.191 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

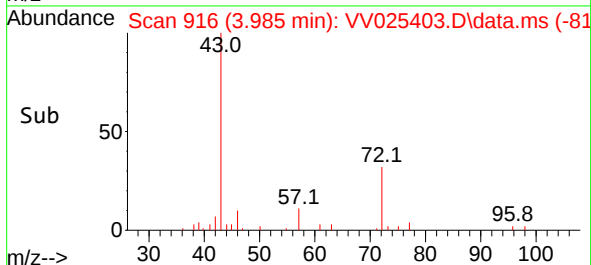
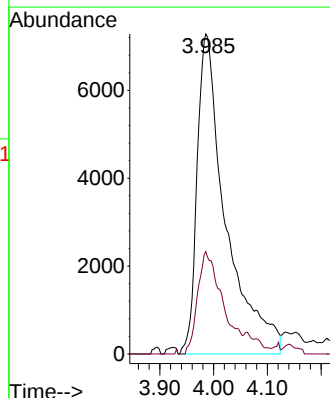
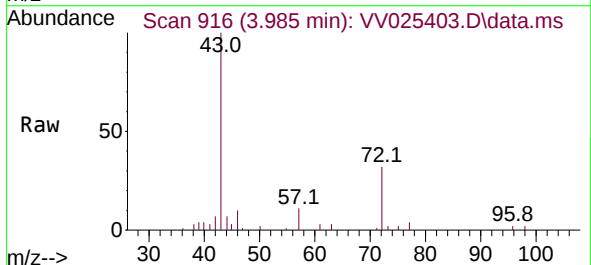
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

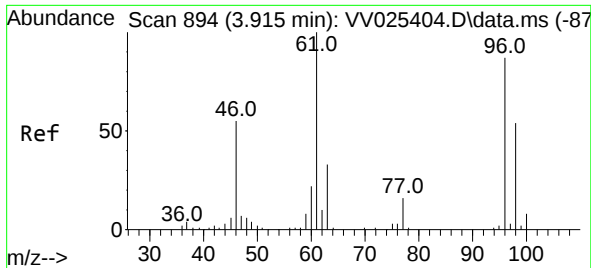
Tgt Ion: 63 Resp: 32137
Ion Ratio Lower Upper
63 100
65 30.7 23.2 43.0
83 13.9 9.0 16.8



#21
2-Butanone
Concen: 11.775 ug/L
RT: 3.985 min Scan# 916
Delta R.T. 0.016 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 43 Resp: 26921
Ion Ratio Lower Upper
43 100
72 27.5 15.2 45.6

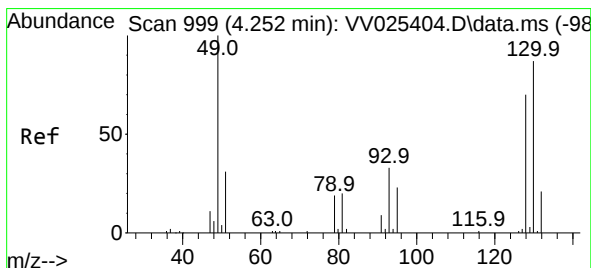
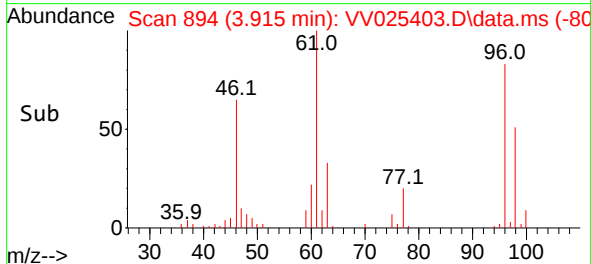
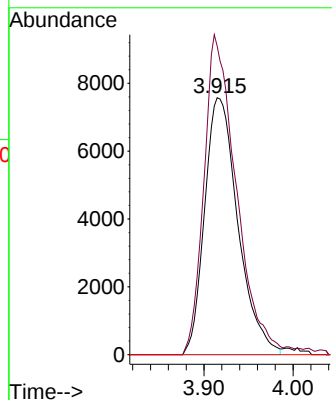
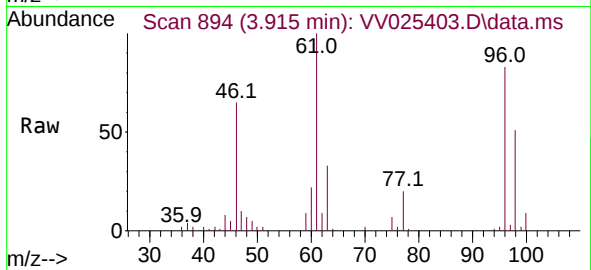




#22
cis-1,2-Dichloroethene
Concen: 1.147 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

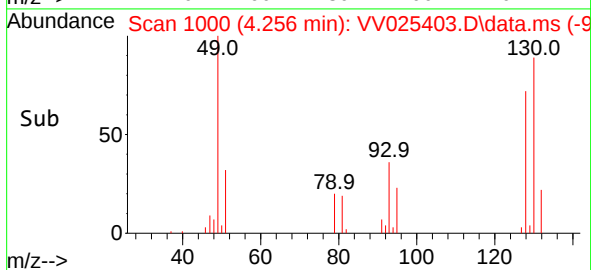
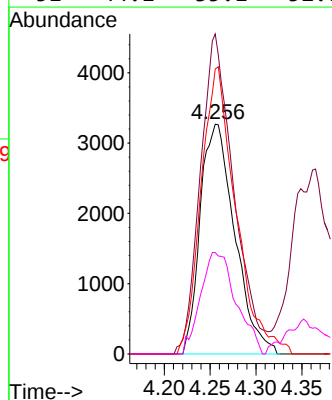
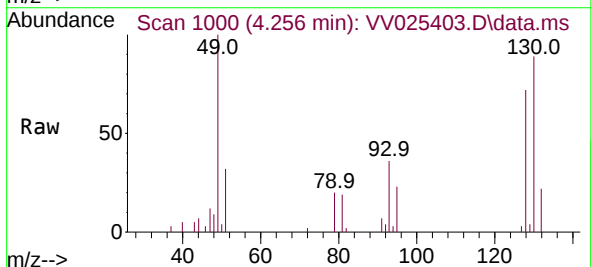
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

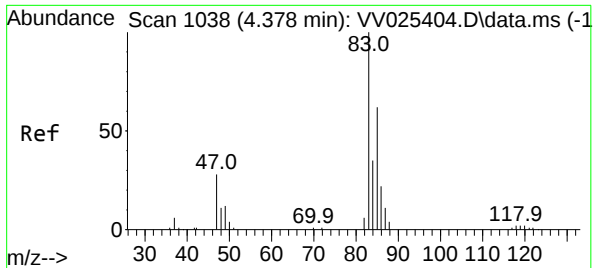
Tgt Ion: 96 Resp: 19679
Ion Ratio Lower Upper
96 100
61 120.1 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 1.216 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 128 Resp: 8553
Ion Ratio Lower Upper
128 100
49 139.3 100.5 186.7
130 124.0 87.8 163.0
51 44.1 35.1 52.7

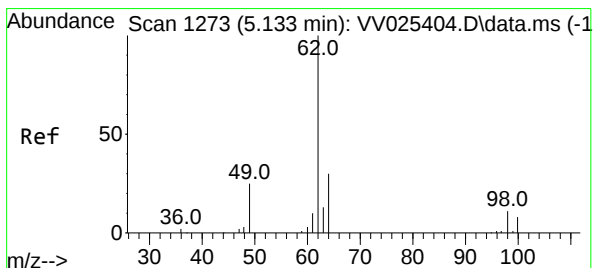
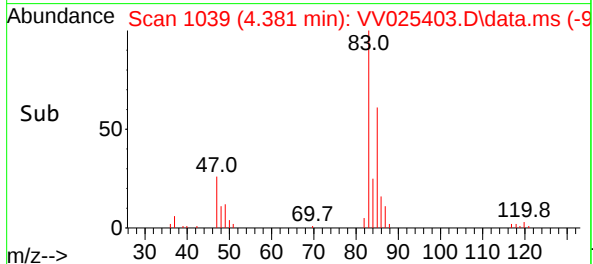
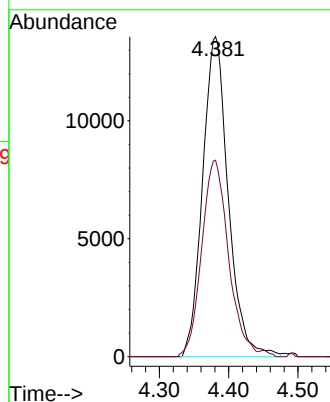
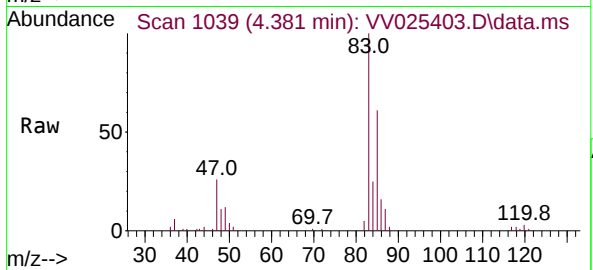




#25
Chloroform
Concen: 1.136 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

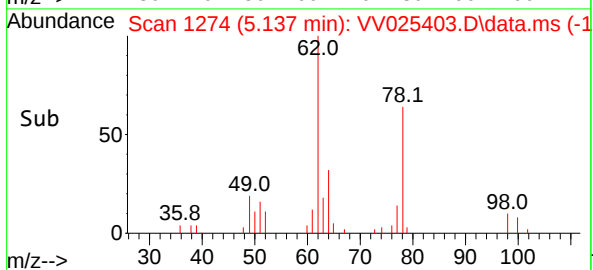
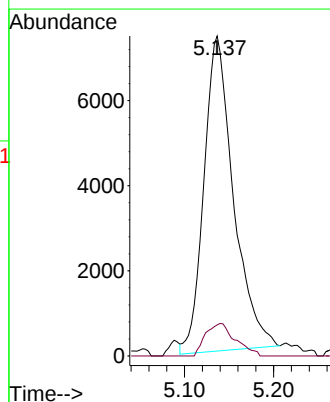
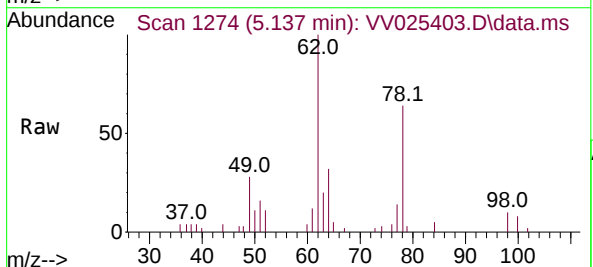
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

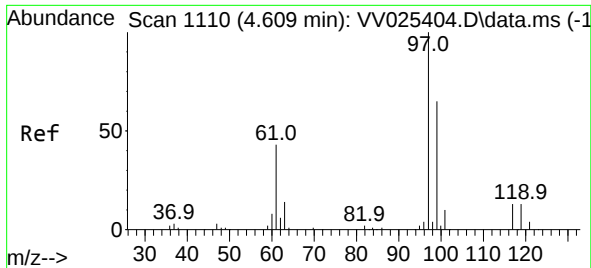
Tgt Ion: 83 Resp: 34907
Ion Ratio Lower Upper
83 100
85 61.4 43.5 80.7



#27
1,2-Dichloroethane
Concen: 1.070 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 62 Resp: 17028
Ion Ratio Lower Upper
62 100
98 9.7 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 1.124 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

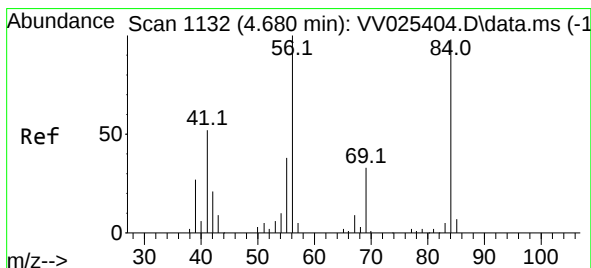
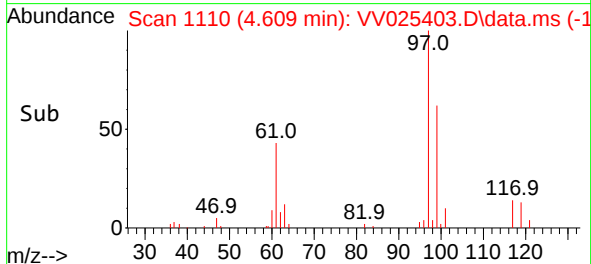
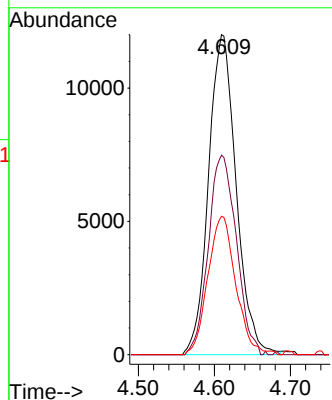
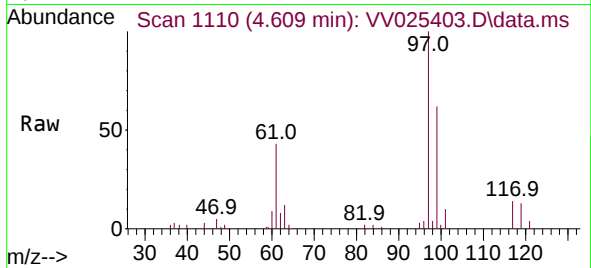
Tgt Ion: 97 Resp: 30343

Ion Ratio Lower Upper

97 100

99 63.1 51.5 77.3

61 43.7 34.3 51.5



#30

Cyclohexane

Concen: 1.143 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

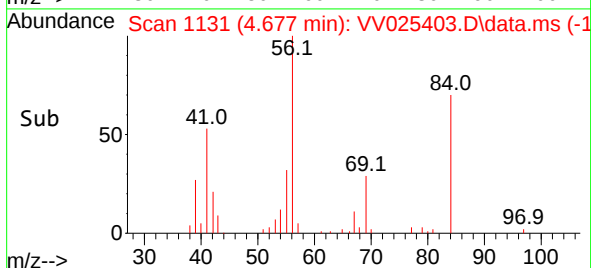
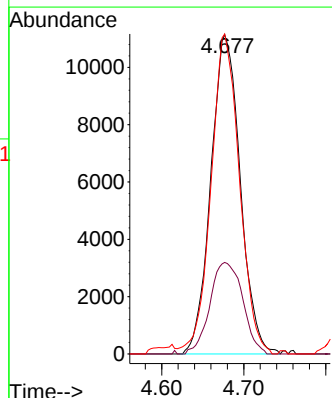
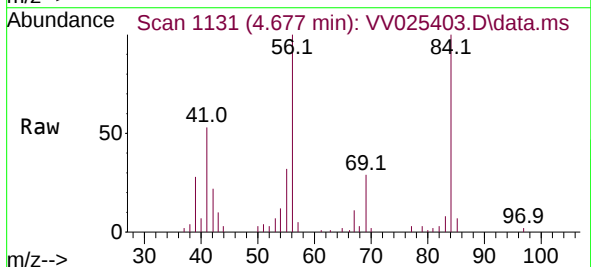
Tgt Ion: 56 Resp: 27763

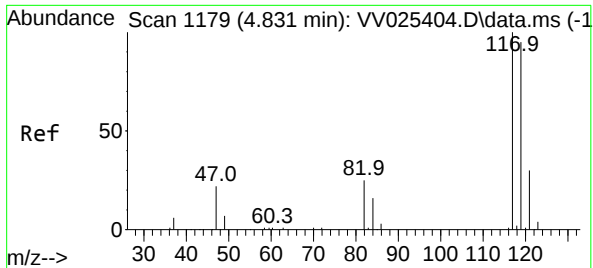
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 97.1 78.6 118.0

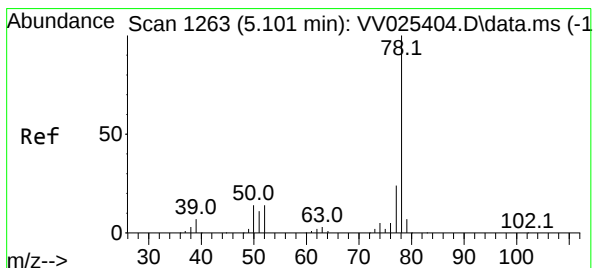
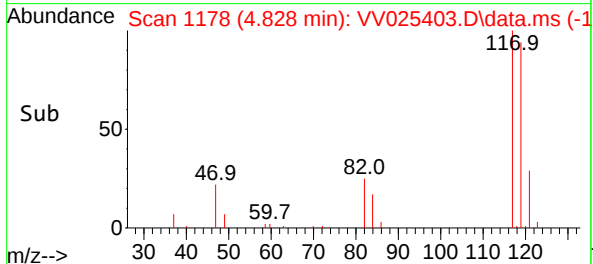
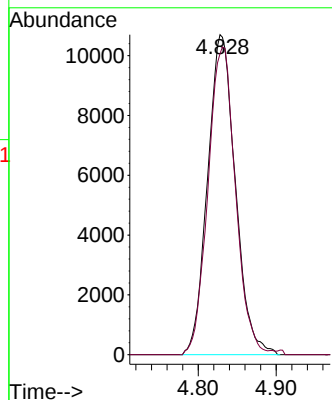
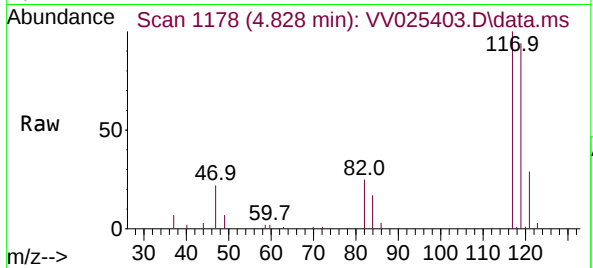




#31
Carbon tetrachloride
Concen: 1.138 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

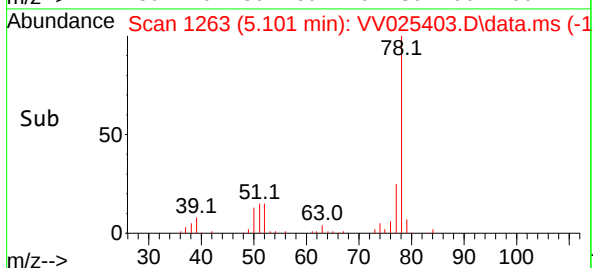
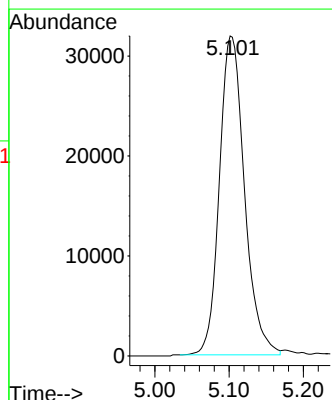
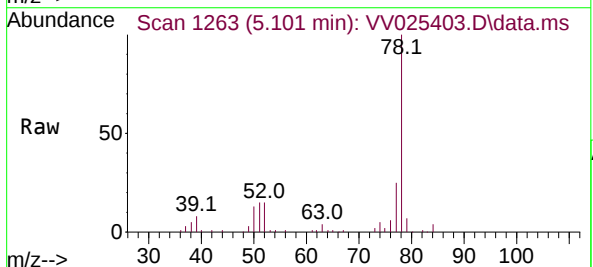
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

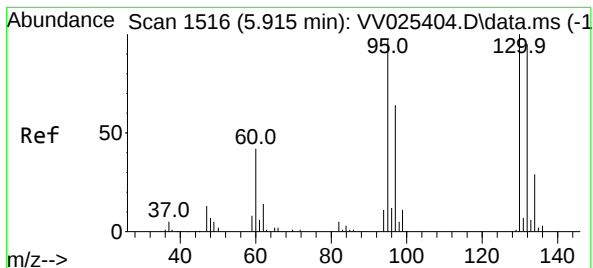
Tgt Ion:117 Resp: 26502
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 1.134 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 78 Resp: 74960





#34

Trichloroethene

Concen: 1.171 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion: 95 Resp: 21316

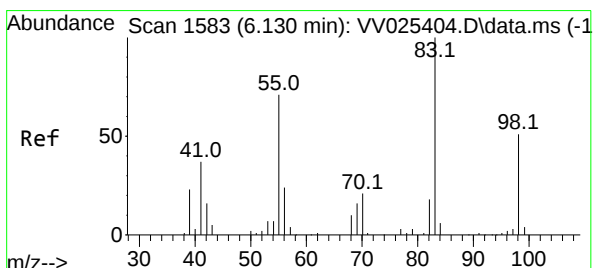
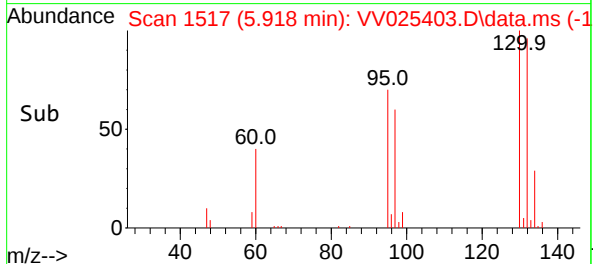
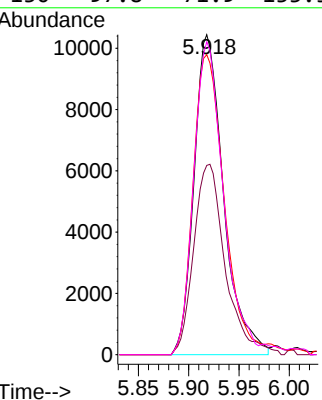
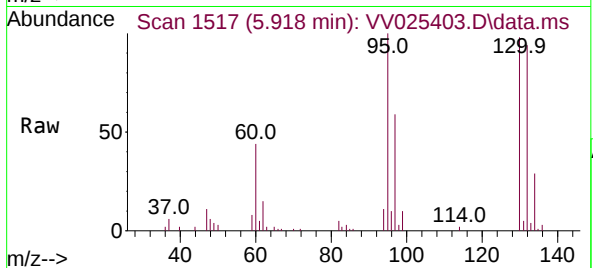
Ion Ratio Lower Upper

95 100

97 59.1 45.8 85.2

132 93.8 68.0 126.4

130 97.8 71.9 133.5



#35

Methylcyclohexane

Concen: 1.148 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

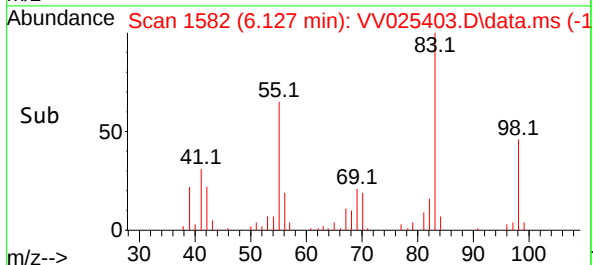
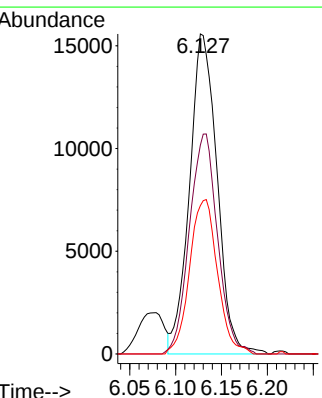
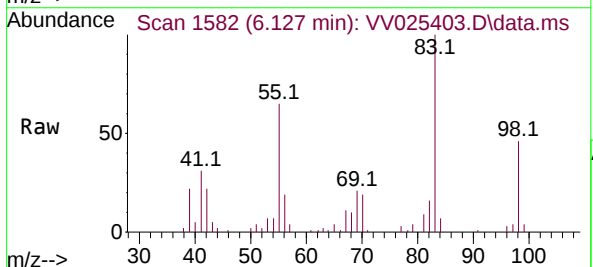
Tgt Ion: 83 Resp: 32559

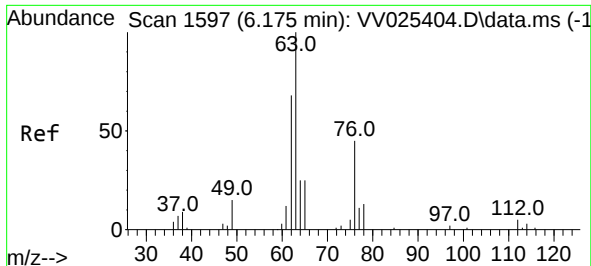
Ion Ratio Lower Upper

83 100

55 70.4 53.7 80.5

98 48.8 39.6 59.4





#37

1,2-Dichloropropane

Concen: 1.132 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

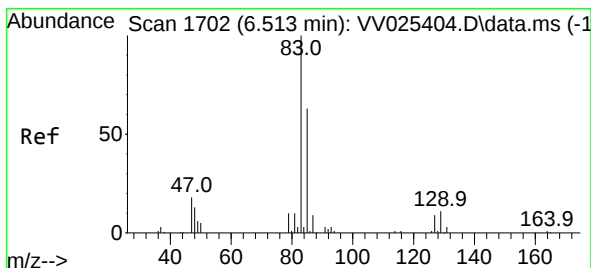
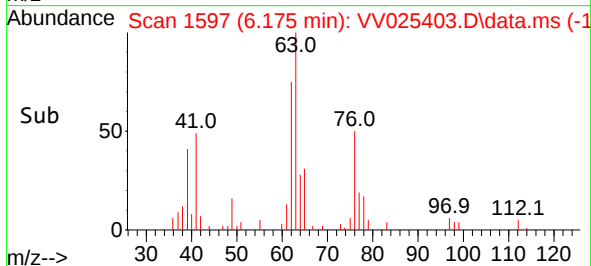
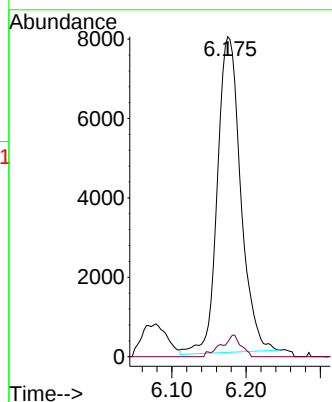
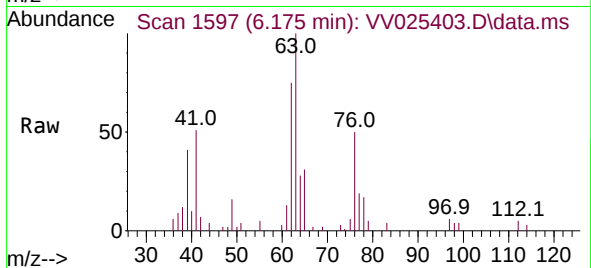
VSTD001232

Tgt Ion: 63 Resp: 17367

Ion Ratio Lower Upper

63 100

112 5.8 3.8 5.8#



#38

Bromodichloromethane

Concen: 1.125 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

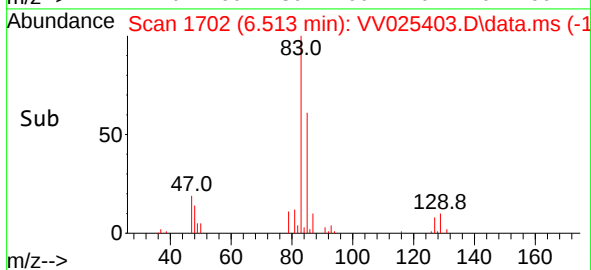
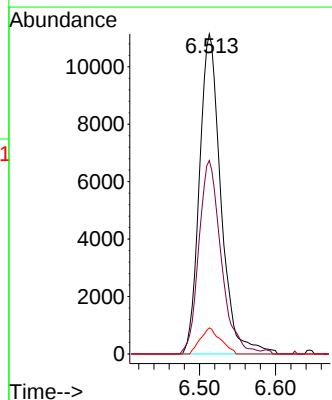
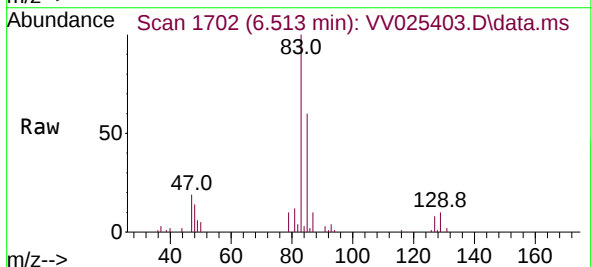
Tgt Ion: 83 Resp: 21823

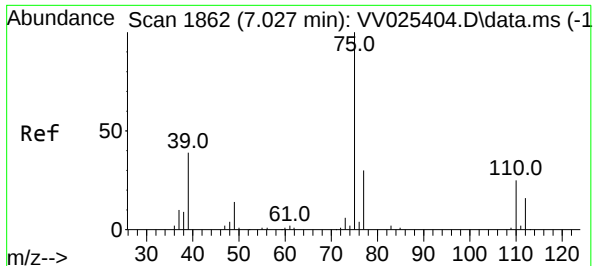
Ion Ratio Lower Upper

83 100

85 60.4 44.4 82.4

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 1.063 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

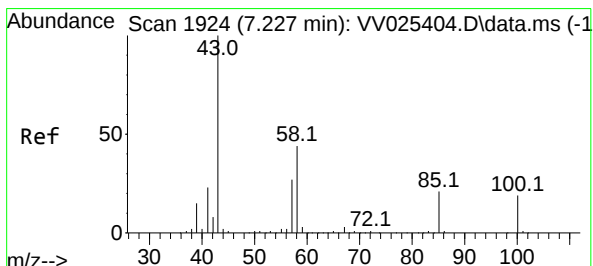
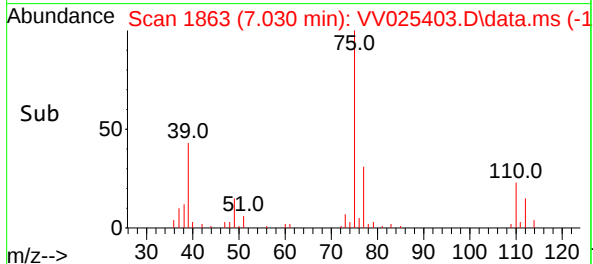
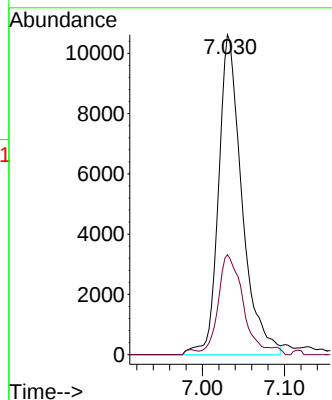
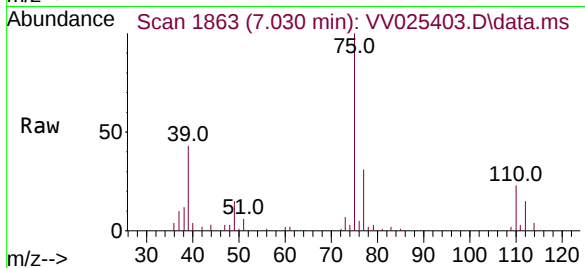
VSTD001232

Tgt Ion: 75 Resp: 21078

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 10.685 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

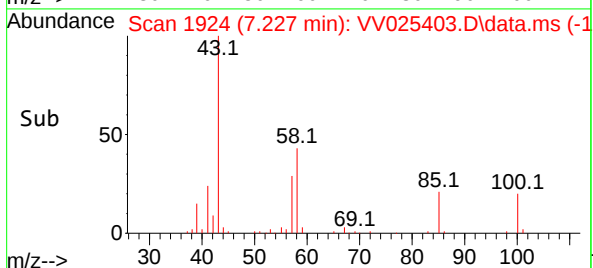
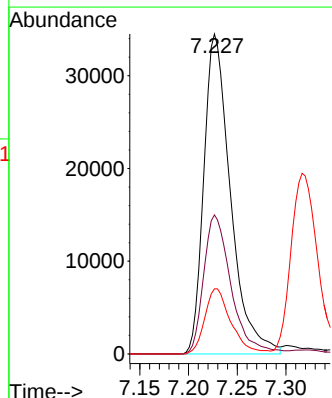
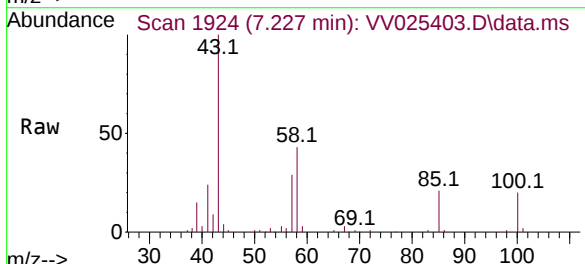
Tgt Ion: 43 Resp: 65723

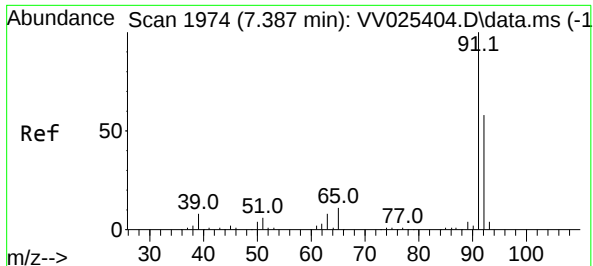
Ion Ratio Lower Upper

43 100

58 44.8 35.1 52.7

100 20.2 15.3 22.9





#42

Toluene

Concen: 1.172 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

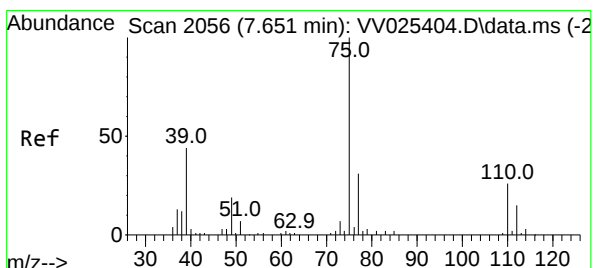
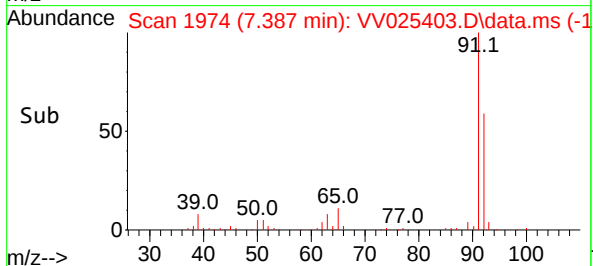
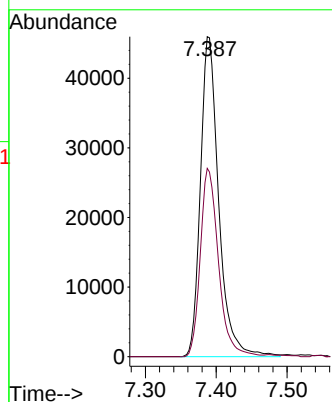
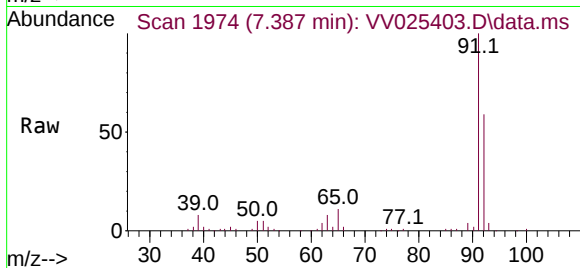
VSTD001232

Tgt Ion: 91 Resp: 82433

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV025403.D

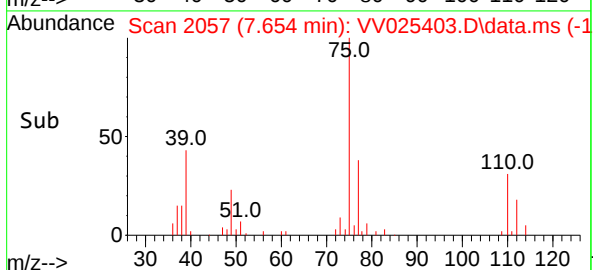
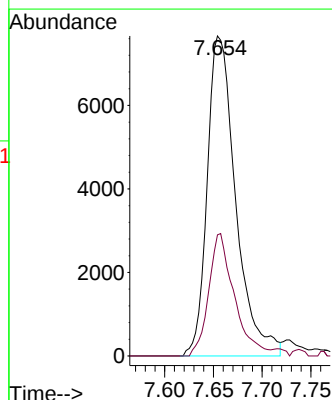
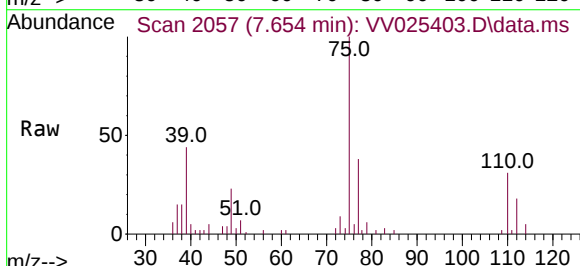
Acq: 08 Apr 2022 11:47

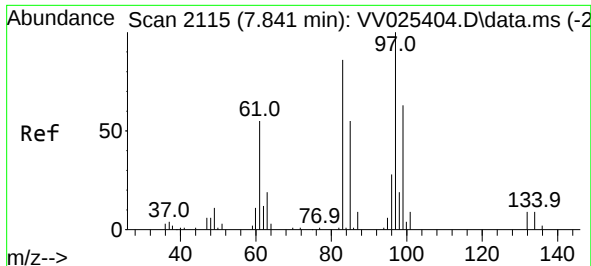
Tgt Ion: 75 Resp: 15619

Ion Ratio Lower Upper

75 100

77 37.8 21.7 40.3

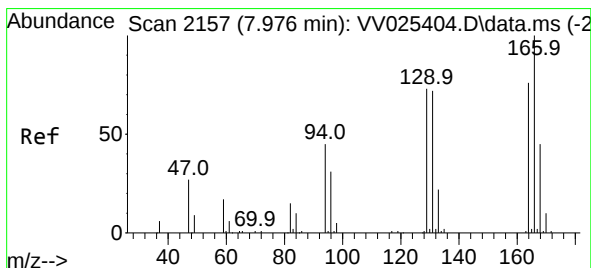
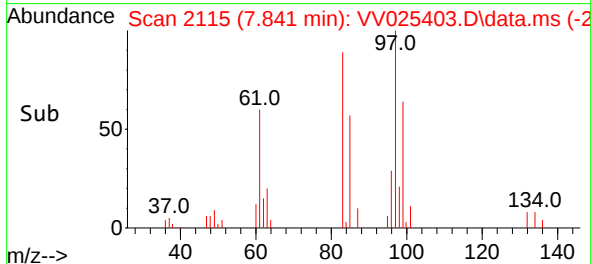
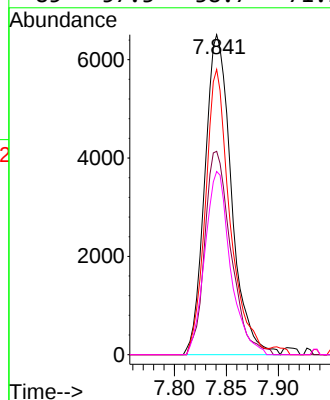
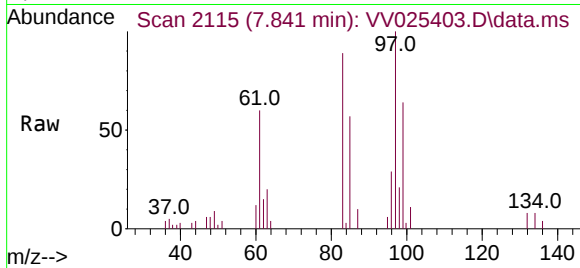




#45
1,1,2-Trichloroethane
Concen: 1.108 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

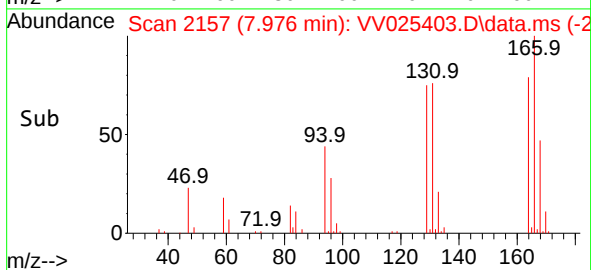
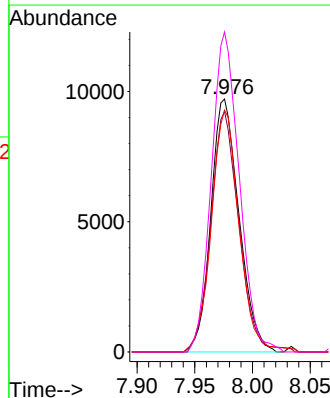
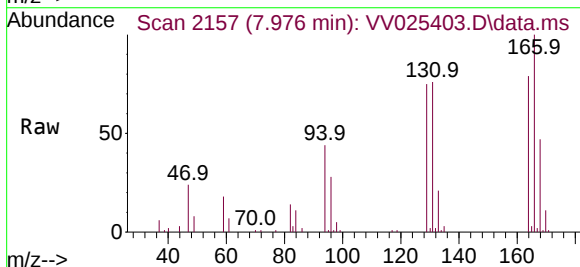
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

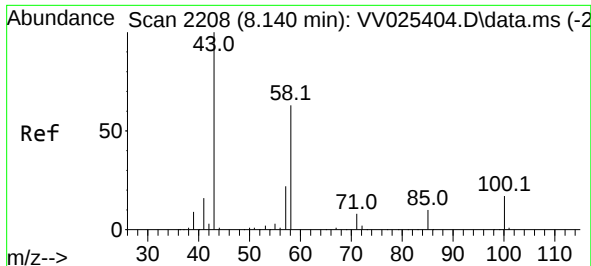
Tgt Ion:	97	Resp:	11573
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.8	81.4
83	89.1	60.3	112.1
85	57.3	38.7	71.9



#47
Tetrachloroethene
Concen: 1.231 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:	164	Resp:	16435
Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.8	124.2
131	95.6	66.4	123.4
166	126.5	91.7	170.3

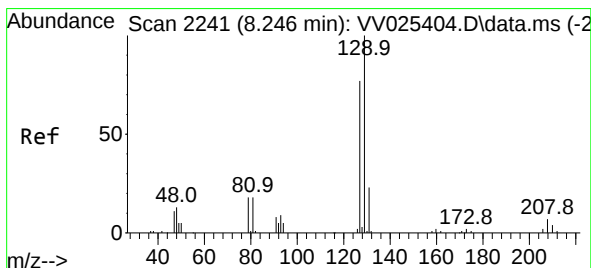
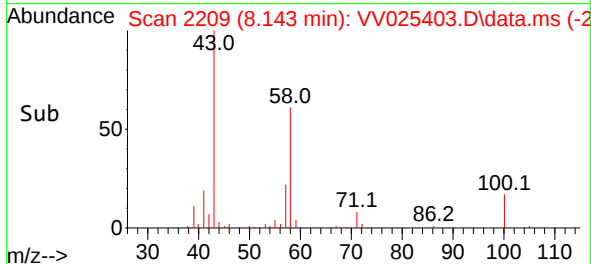
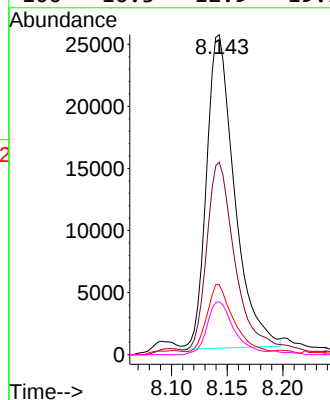
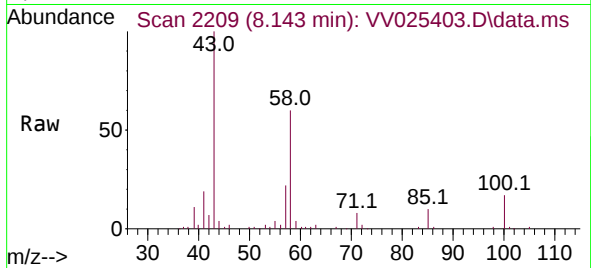




#48
2-Hexanone
Concen: 10.137 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

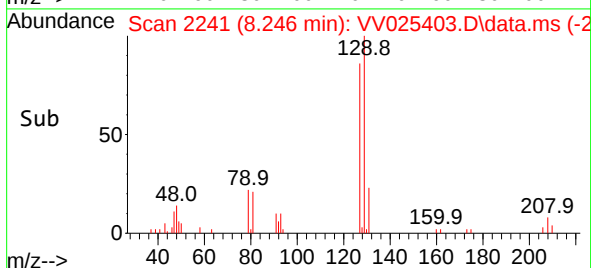
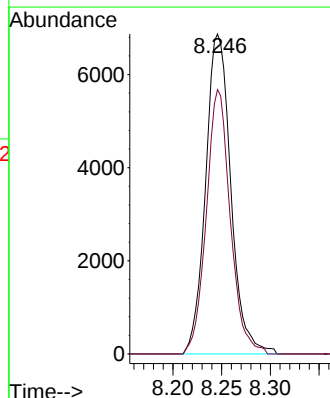
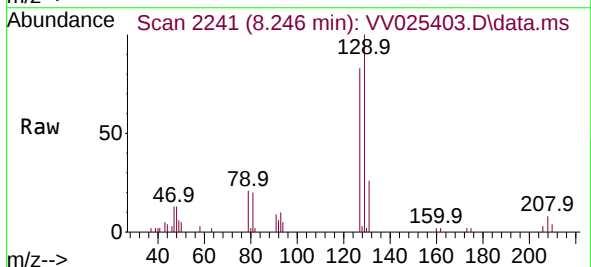
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

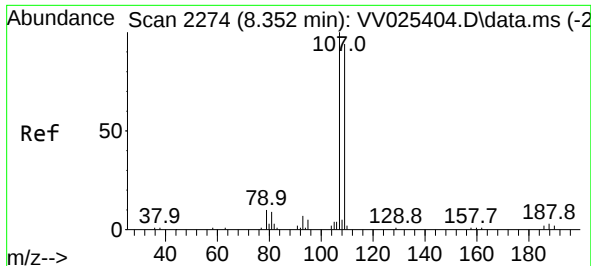
Tgt Ion: 43	Resp: 44289
Ion Ratio	Lower Upper
43 100	
58 64.9	49.7 74.5
57 22.4	16.4 24.6
100 16.3	12.9 19.3



#49
Dibromochloromethane
Concen: 1.096 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:129	Resp:	12390	
Ion	Ratio	Lower	Upper
129	100		
127	82.6	53.8	100.0





#50

1,2-Dibromoethane

Concen: 1.093 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

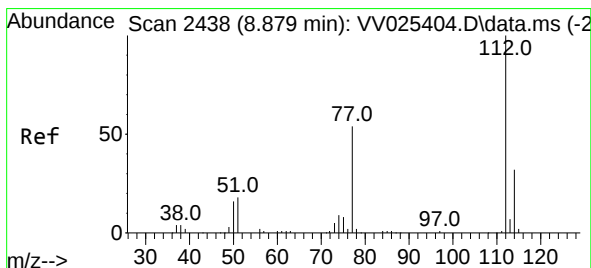
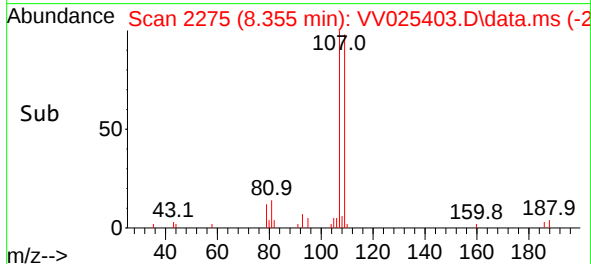
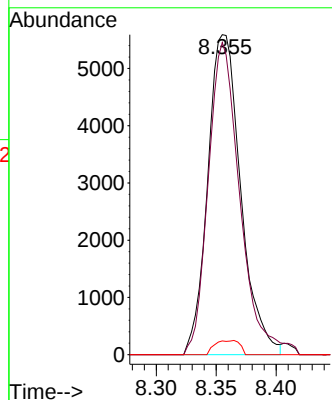
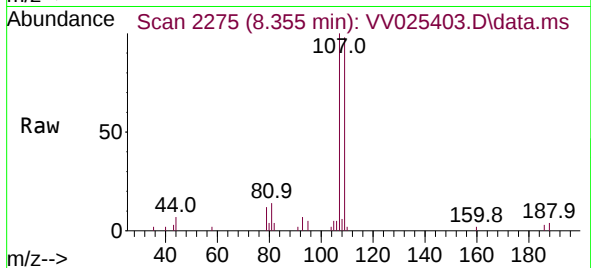
Tgt Ion:107 Resp: 10706

Ion Ratio Lower Upper

107 100

109 97.5 65.9 122.3

188 4.3 2.7 4.1#



#51

Chlorobenzene

Concen: 1.201 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

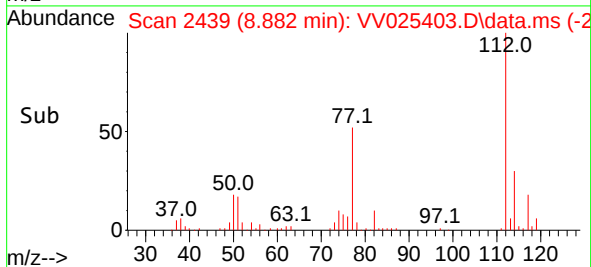
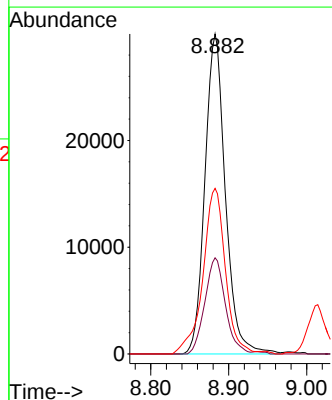
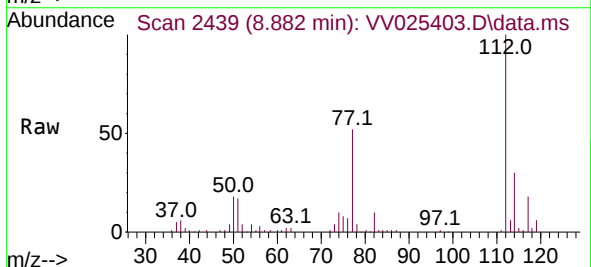
Tgt Ion:112 Resp: 54707

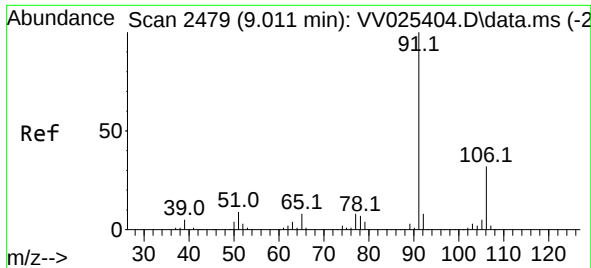
Ion Ratio Lower Upper

112 100

114 30.0 22.4 41.6

77 51.8 43.7 65.5

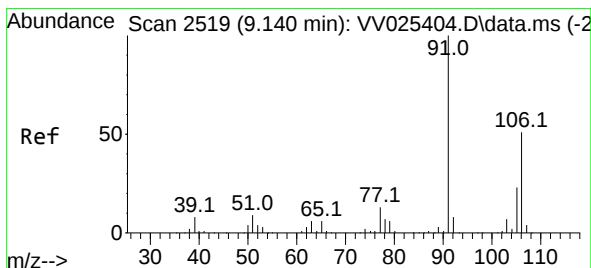
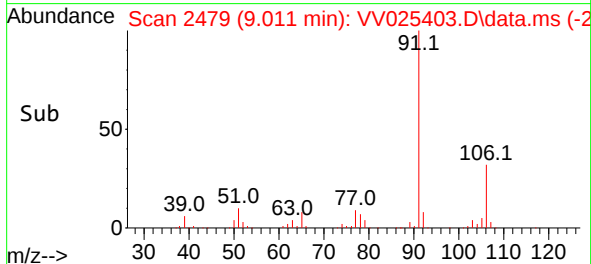
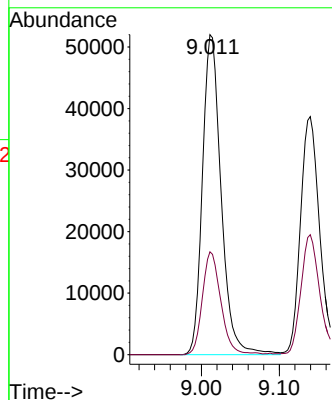
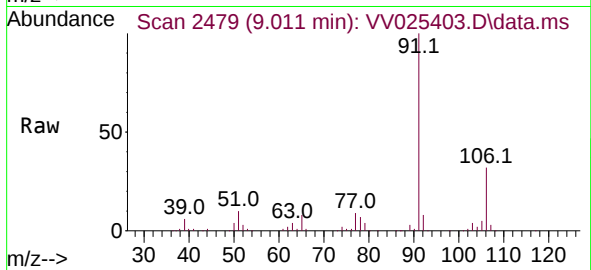




#52
Ethylbenzene
Concen: 1.161 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

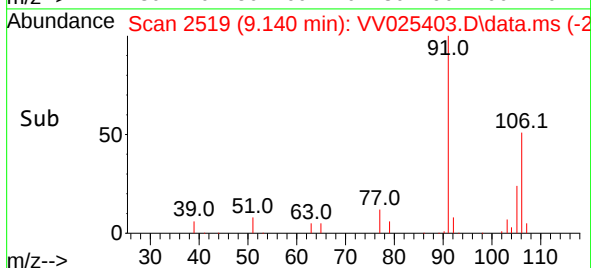
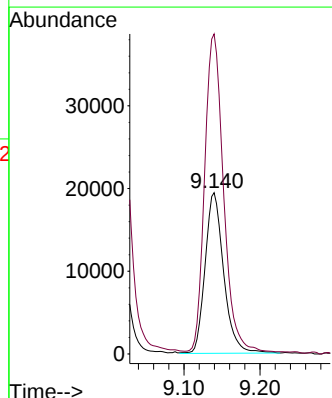
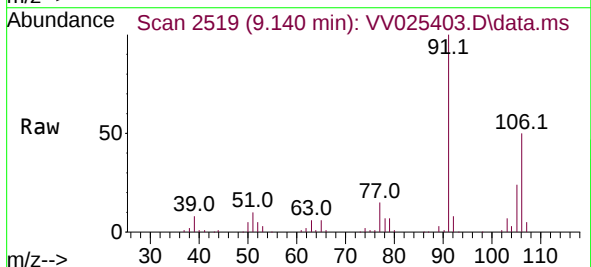
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

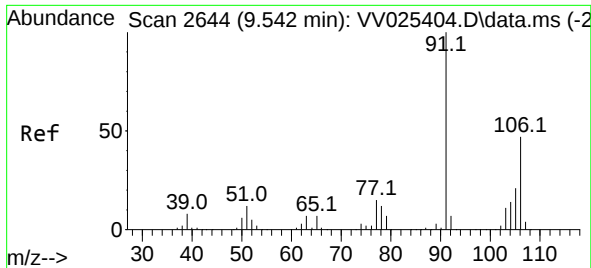
Tgt Ion: 91 Resp: 86673
Ion Ratio Lower Upper
91 100
106 32.1 22.3 41.3



#53
m,p-Xylene
Concen: 1.138 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 106 Resp: 33079
Ion Ratio Lower Upper
106 100
91 198.4 136.4 253.4

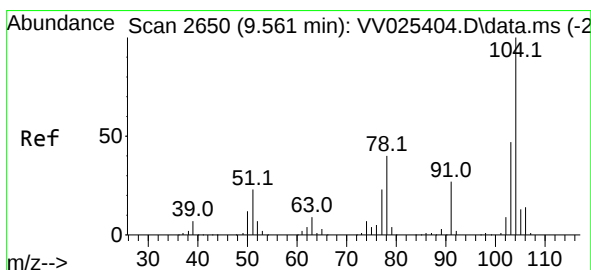
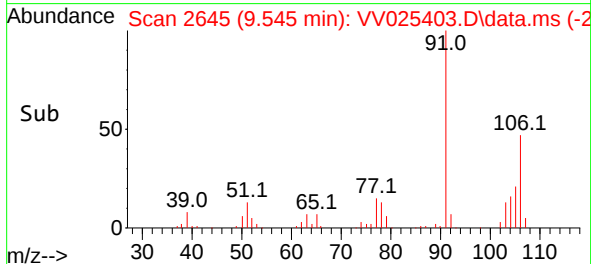
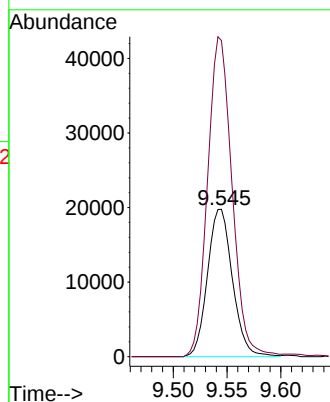
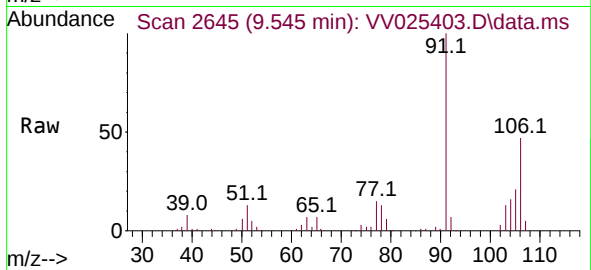




#54
o-Xylene
Concen: 1.154 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

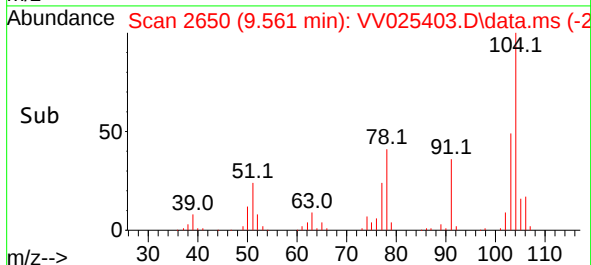
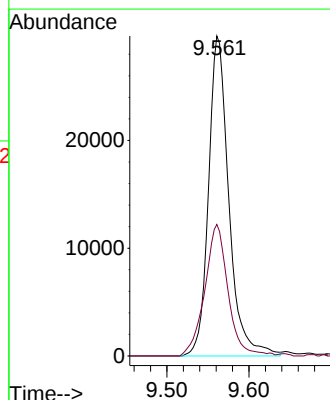
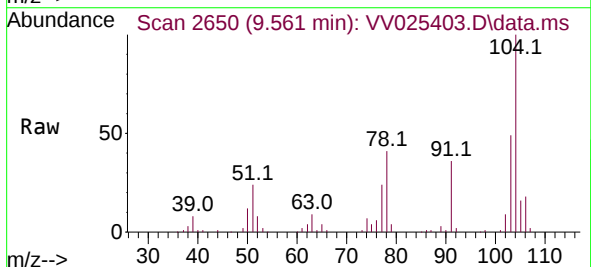
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

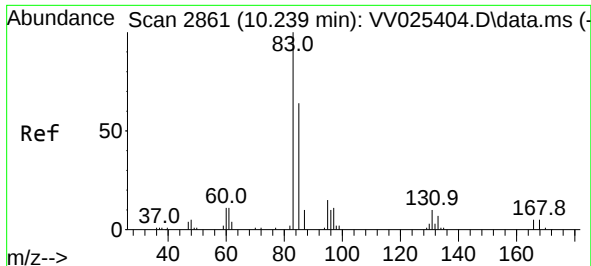
Tgt Ion:106 Resp: 31926
Ion Ratio Lower Upper
106 100
91 214.5 150.4 279.2



#55
Styrene
Concen: 1.125 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:104 Resp: 51111
Ion Ratio Lower Upper
104 100
78 41.1 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.061 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

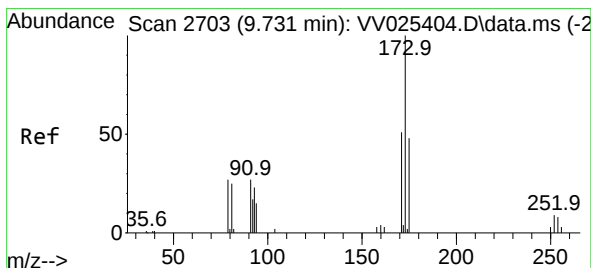
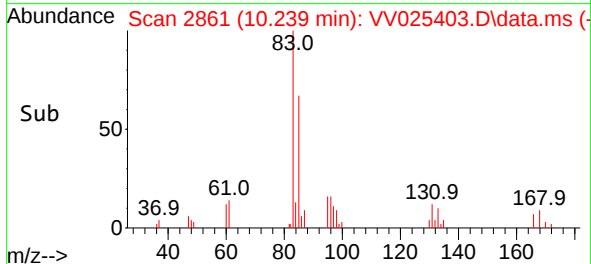
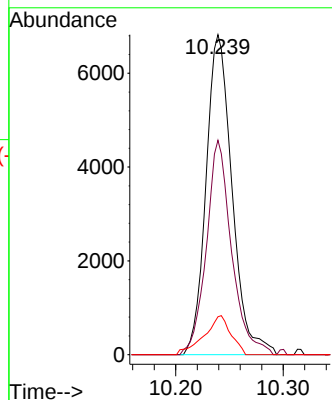
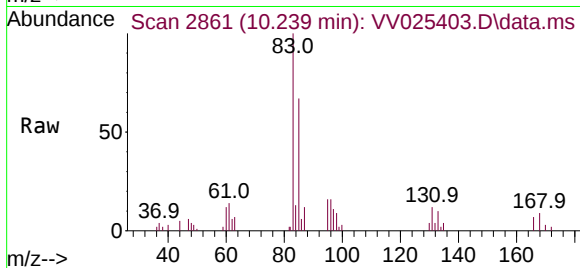
Tgt Ion: 83 Resp: 11471

Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.9

131 11.8 7.9 11.9



#59

Bromoform

Concen: 1.107 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

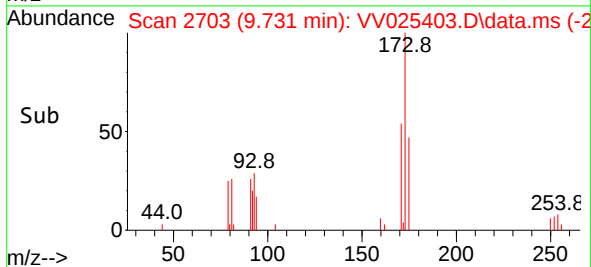
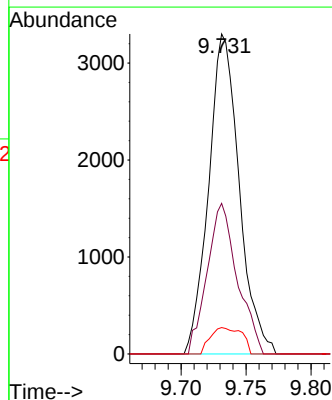
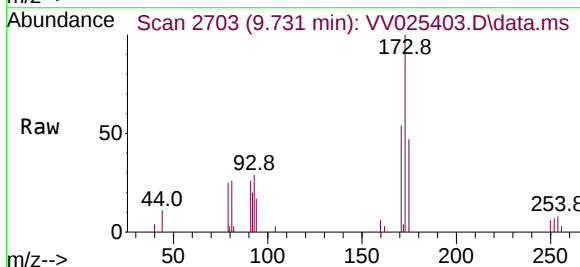
Tgt Ion: 173 Resp: 5398

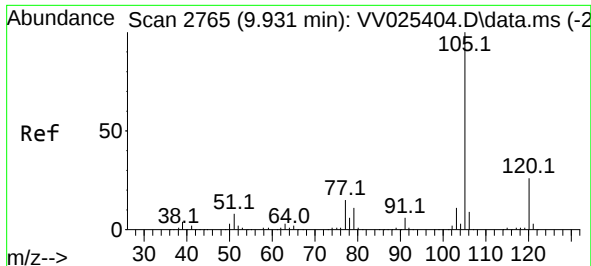
Ion Ratio Lower Upper

173 100

175 46.4 40.8 61.2

254 8.4 7.0 10.6

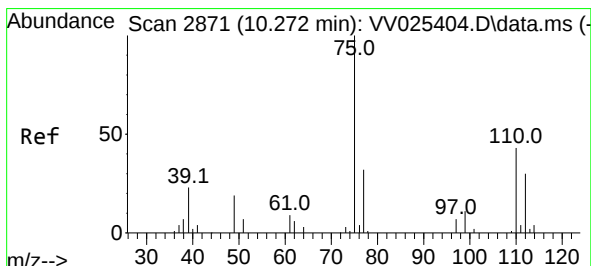
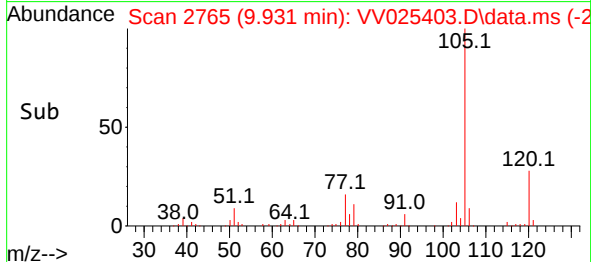
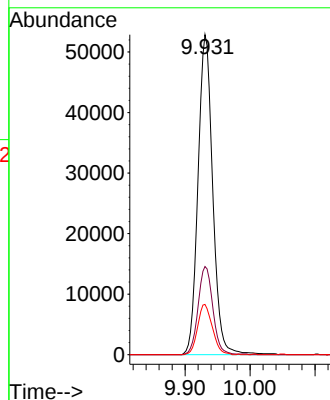
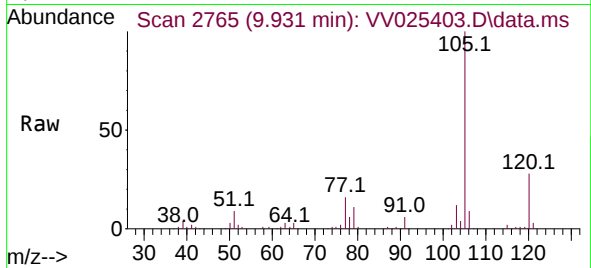




#60
Isopropylbenzene
Concen: 1.069 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

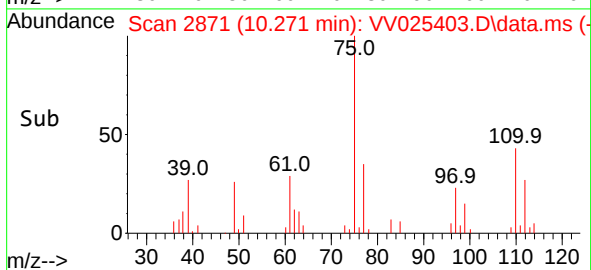
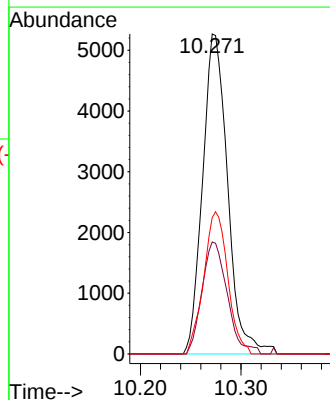
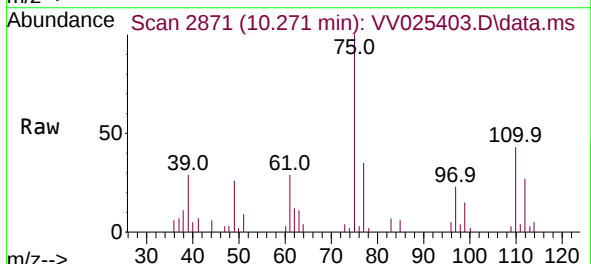
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

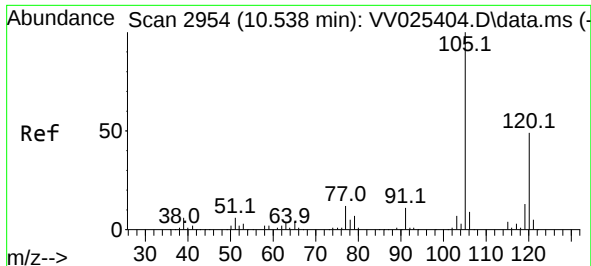
Tgt Ion:105 Resp: 83506
Ion Ratio Lower Upper
105 100
120 27.6 21.2 31.8
77 15.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 1.028 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion: 75 Resp: 9118
Ion Ratio Lower Upper
75 100
77 35.3 25.6 38.4
110 42.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 1.033 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

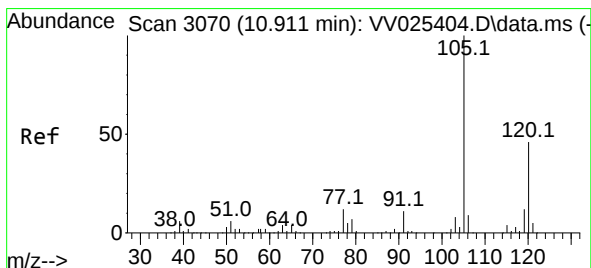
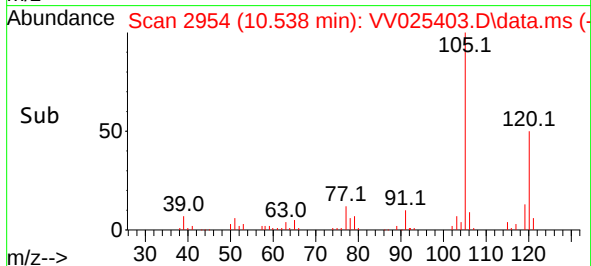
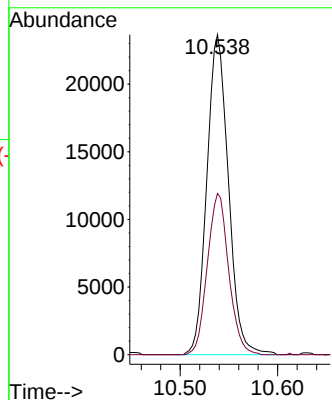
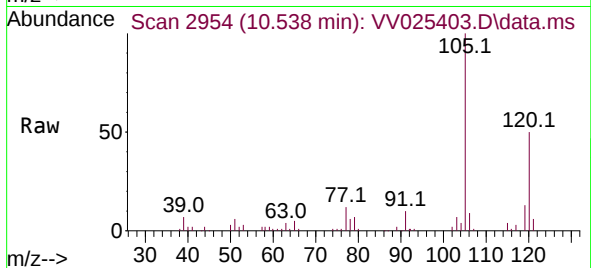
VSTD001232

Tgt Ion:105 Resp: 36382

Ion Ratio Lower Upper

105 100

120 49.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 1.038 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025403.D

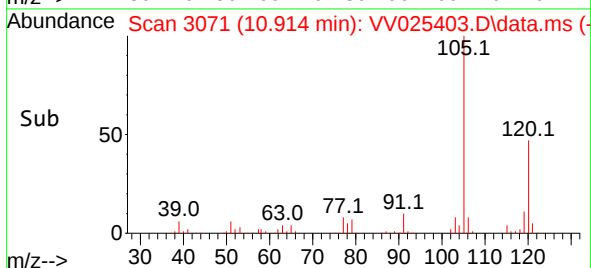
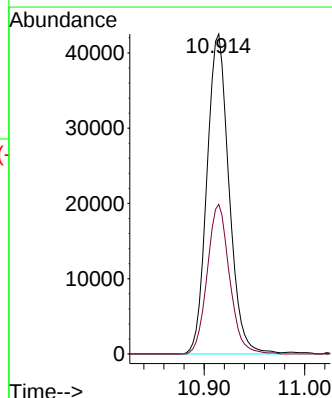
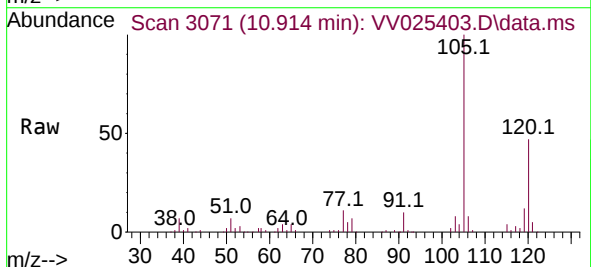
Acq: 08 Apr 2022 11:47

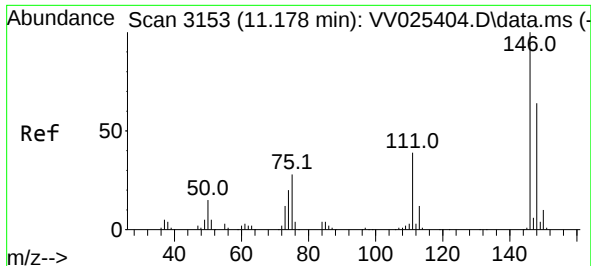
Tgt Ion:105 Resp: 64840

Ion Ratio Lower Upper

105 100

120 47.1 36.6 55.0

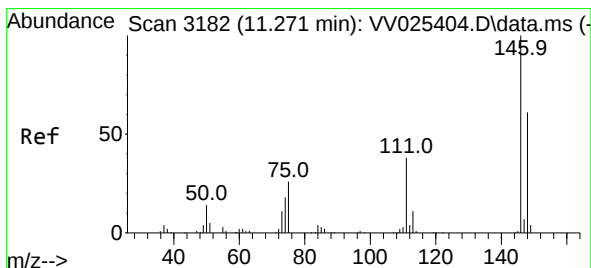
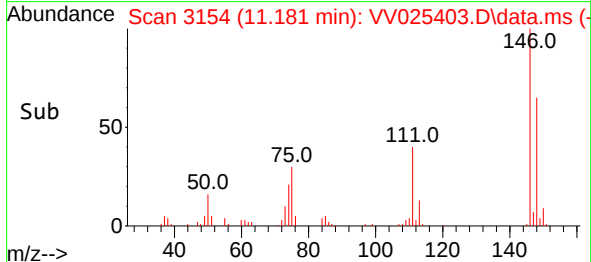
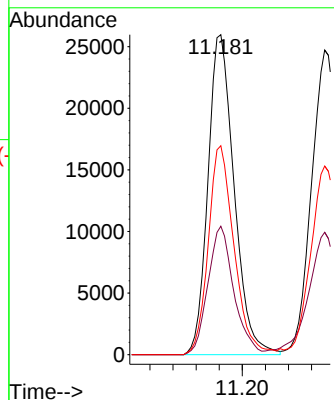
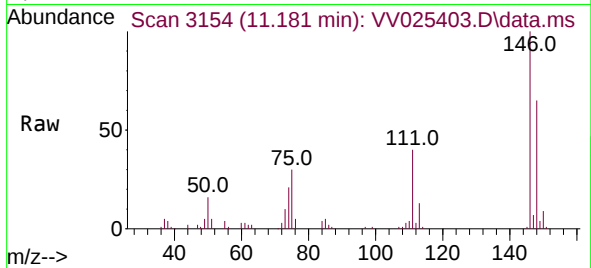




#64
1,3-Dichlorobenzene
Concen: 1.115 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

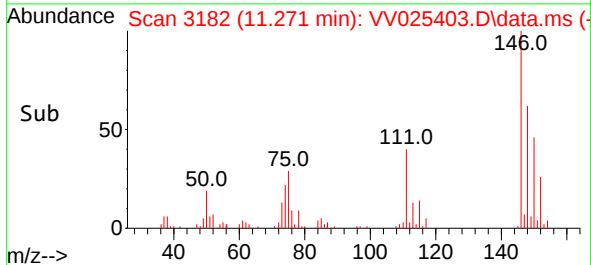
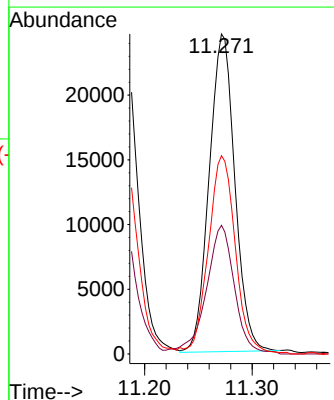
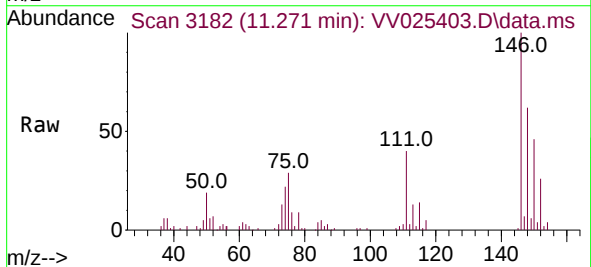
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

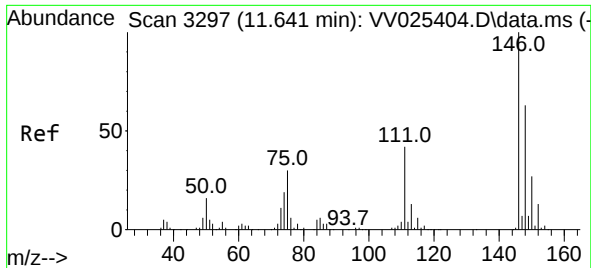
Tgt Ion:146 Resp: 40891
Ion Ratio Lower Upper
146 100
111 40.1 27.4 50.8
148 65.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 1.101 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:146 Resp: 40706
Ion Ratio Lower Upper
146 100
111 40.2 26.7 49.7
148 61.9 42.8 79.6

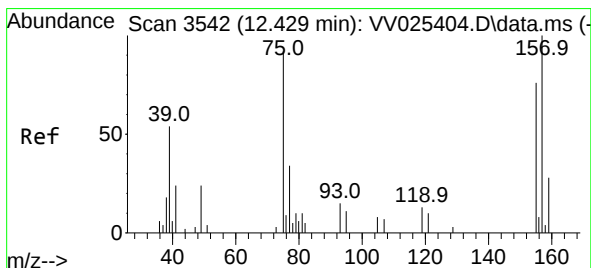
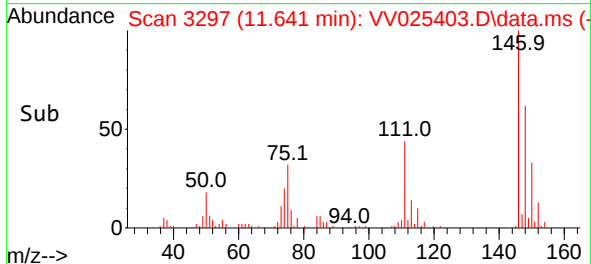
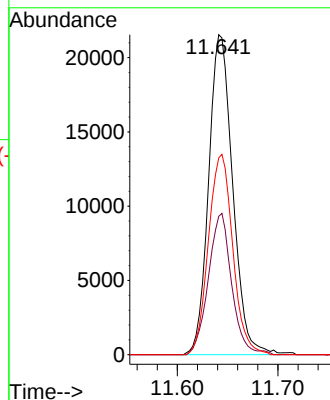
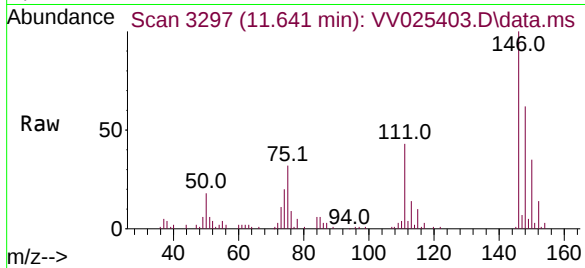




#67
 1,2-Dichlorobenzene
 Concen: 1.112 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

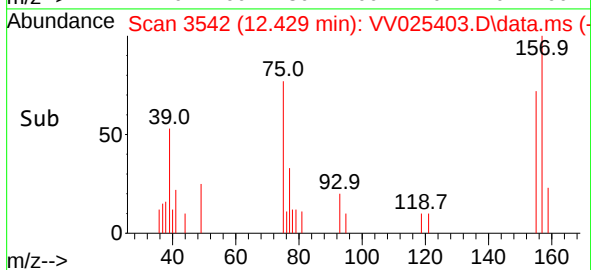
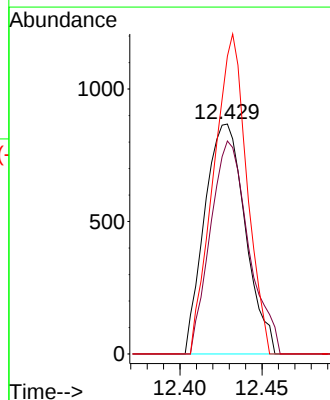
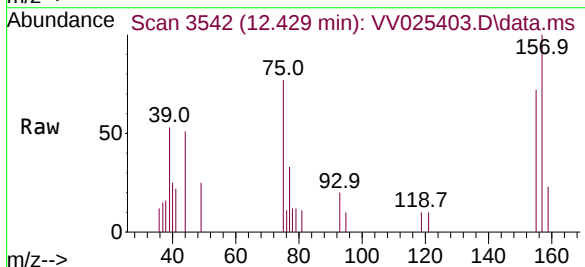
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001232

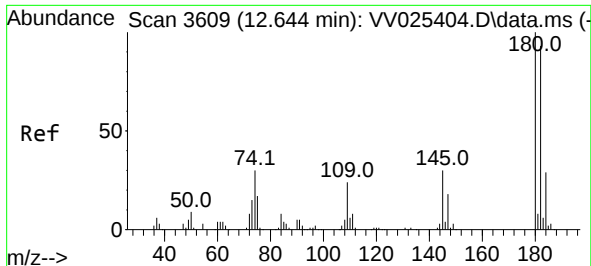
Tgt Ion:146 Resp: 35841
 Ion Ratio Lower Upper
 146 100
 111 43.3 33.6 50.4
 148 61.5 50.0 75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.940 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV025403.D
 Acq: 08 Apr 2022 11:47

Tgt Ion: 75 Resp: 1498
 Ion Ratio Lower Upper
 75 100
 155 92.6 65.8 98.8
 157 129.5 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 1.177 ug/L

RT: 12.644 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion:180 Resp: 31376

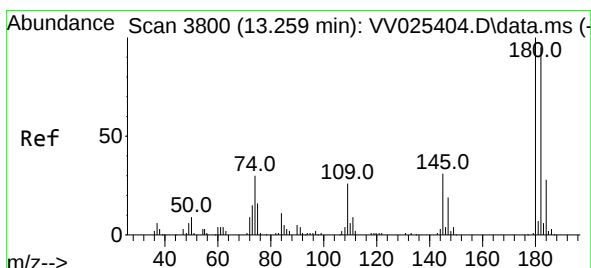
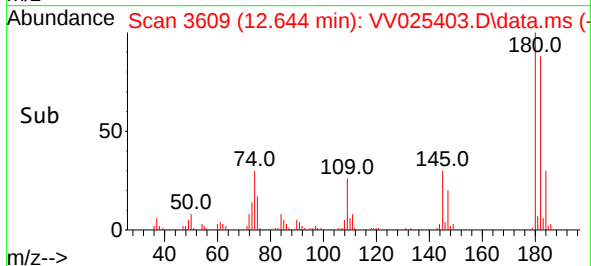
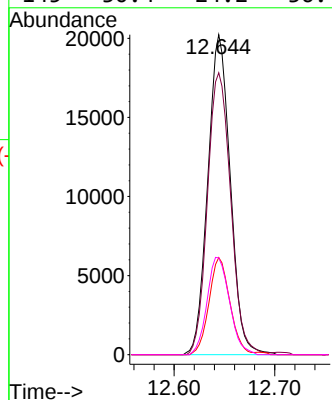
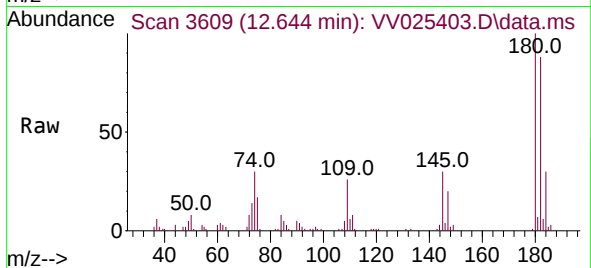
Ion Ratio Lower Upper

180 100

182 91.2 75.3 112.9

184 28.4 23.4 35.2

145 30.4 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 1.135 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025403.D

Acq: 08 Apr 2022 11:47

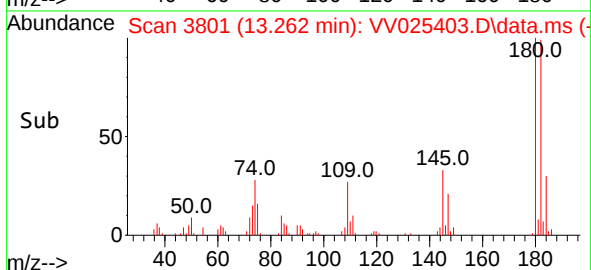
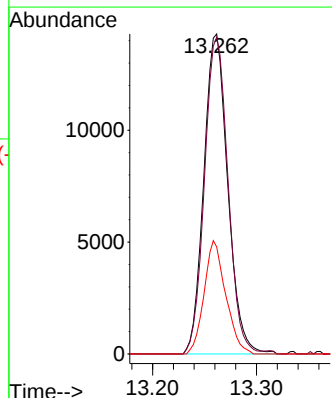
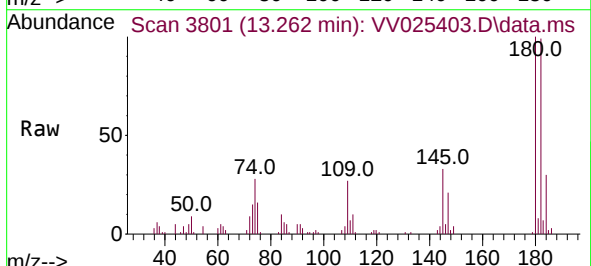
Tgt Ion:180 Resp: 22906

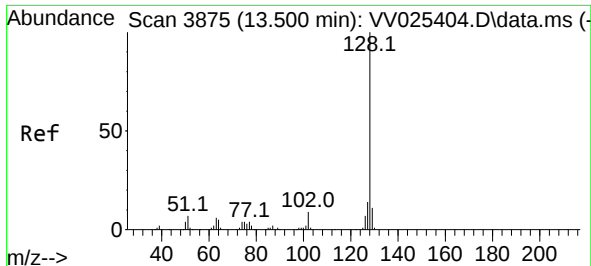
Ion Ratio Lower Upper

180 100

182 97.0 76.6 114.8

145 31.9 24.6 36.8

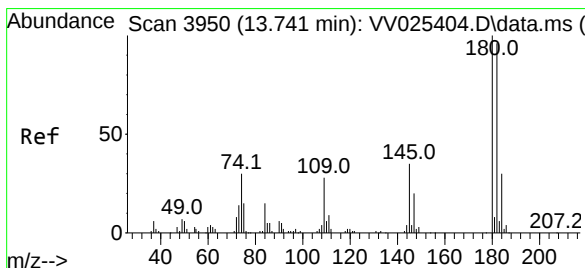
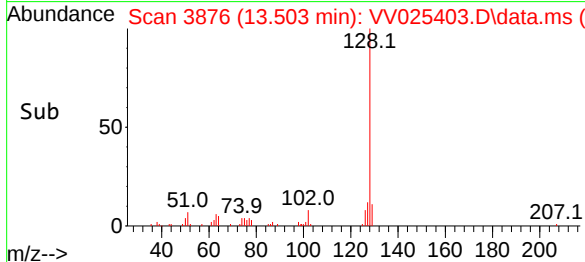
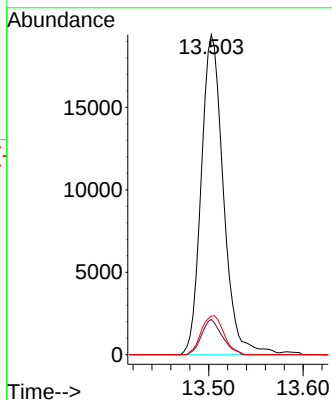
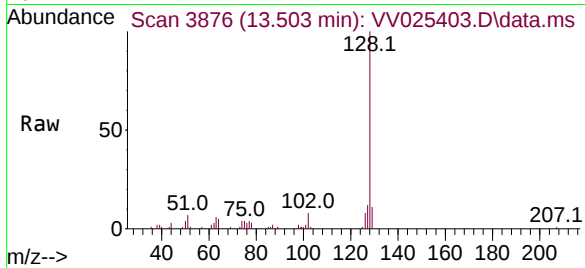




#71
Naphthalene
Concen: 1.011 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

Tgt Ion:128 Resp: 31581
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 12.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 1.113 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025403.D
Acq: 08 Apr 2022 11:47

Tgt Ion:180 Resp: 19271
Ion Ratio Lower Upper
180 100
182 94.5 77.7 116.5
145 34.5 27.4 41.2

