

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025191.D
 Acq On : 26 Mar 2022 11:58
 Operator : SY/MD
 Sample : VSTD0.525
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

Quant Time: Mar 28 01:04:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	150805	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	6953	0.559	ug/L	0.00
7) Chloroethane-d5	1.568	69	6116	0.650	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	14824	0.693	ug/L	0.00
20) 2-Butanone-d5	3.976	46	838	0.582	ug/L	0.07
24) Chloroform-d	4.352	84	8672	0.441	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	3922	0.470	ug/L	0.00
32) Benzene-d6	5.053	84	17004	0.418	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	4835	0.414	ug/L	0.00
41) Toluene-d8	7.320	98	13986	0.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1137	0.285	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	3931	2.859	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3073	0.442	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5292	0.465	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	7034	0.508	ug/L	96
3) Chloromethane	1.240	50	8565	0.623	ug/L	95
5) Vinyl chloride	1.310	62	9864	0.673	ug/L	96
6) Bromomethane	1.523	94	5614	0.606	ug/L	95
8) Chloroethane	1.584	64	5940	0.659	ug/L	86
9) Trichlorofluoromethane	1.754	101	12322	0.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7731	0.706	ug/L	96
12) 1,1-Dichloroethene	2.117	96	6839	0.633	ug/L #	75
14) Carbon disulfide	2.294	76	12894	0.377	ug/L	98
16) Methylene chloride	2.510	84	7400	0.631	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	8519	0.410	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	4876	0.422	ug/L	92
19) 1,1-Dichloroethane	3.191	63	8447	0.430	ug/L	97
21) 2-Butanone	4.040	43	1476	0.978	ug/L	82
22) cis-1,2-Dichloroethene	3.924	96	5275	0.455	ug/L	80
23) Bromochloromethane	4.256	128	2097	0.447	ug/L #	85
25) Chloroform	4.378	83	9401	0.455	ug/L	97
27) 1,2-Dichloroethane	5.143	62	4907	0.473	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	7679	0.423	ug/L #	66
30) Cyclohexane	4.677	56	6669	0.384	ug/L #	92
31) Carbon tetrachloride	4.828	117	6671	0.427	ug/L	98
33) Benzene	5.104	78	18455	0.402	ug/L	100
34) Trichloroethene	5.918	95	5477	0.448	ug/L	97
35) Methylcyclohexane	6.127	83	8062	0.419	ug/L	98
37) 1,2-Dichloropropane	6.182	63	4367	0.415	ug/L #	86
38) Bromodichloromethane	6.513	83	5708	0.428	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	5140	0.356	ug/L	90
40) 4-Methyl-2-pentanone	7.236	43	15904	3.720	ug/L #	94
42) Toluene	7.394	91	17970	0.372	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	3628	0.321	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	2787	0.394	ug/L #	80
47) Tetrachloroethene	7.976	164	3593	0.409	ug/L	77

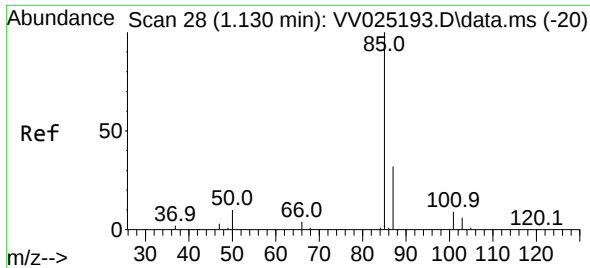
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
 Data File : VV025191.D
 Acq On : 26 Mar 2022 11:58
 Operator : SY/MD
 Sample : VSTD0.525
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

Quant Time: Mar 28 01:04:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.246	129	2913	0.372	ug/L	85
50) 1,2-Dibromoethane	8.355	107	2799	0.432	ug/L #	87
51) Chlorobenzene	8.882	112	13045	0.430	ug/L	97
52) Ethylbenzene	9.014	91	19223	0.377	ug/L	93
53) m,p-Xylene	9.140	106	7204	0.367	ug/L	92
54) o-Xylene	9.542	106	6872	0.365	ug/L	97
55) Styrene	9.564	104	10535	0.343	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	3055	0.438	ug/L #	95
59) Bromoform	9.735	173	1019	0.292	ug/L #	84
60) Isopropylbenzene	9.931	105	18449	0.367	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2381	0.422	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.538	105	8520	0.377	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	13680	0.341	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	9141	0.414	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	9719	0.437	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	405	0.420	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.648	180	6814	0.435	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	4629	0.382	ug/L	96
71) Naphthalene	13.506	128	6996	0.351	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	4455	0.433	ug/L	94

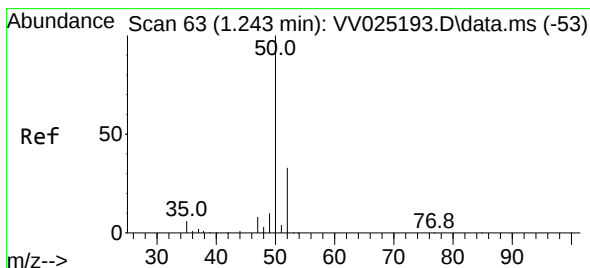
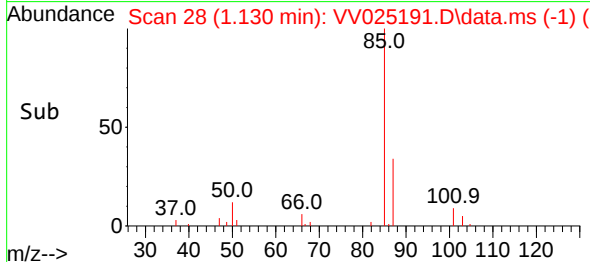
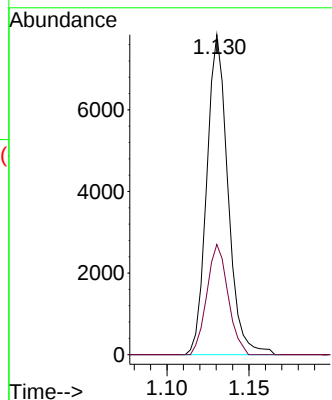
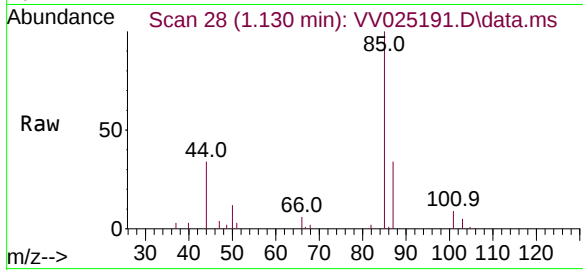
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.508 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

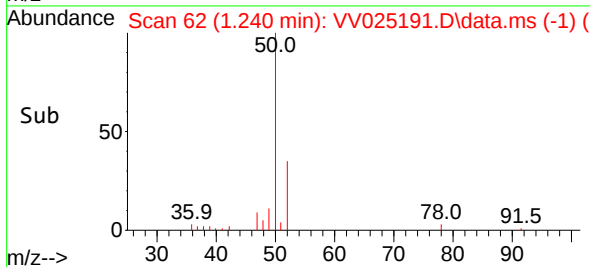
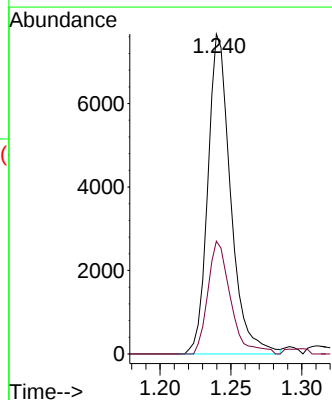
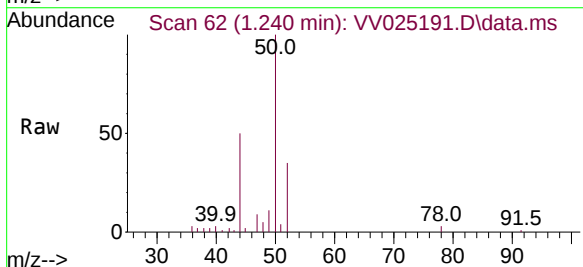
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

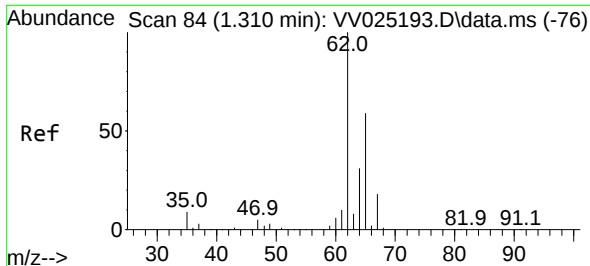
Tgt Ion: 85 Resp: 7034
 Ion Ratio Lower Upper
 85 100
 87 34.5 25.8 38.6



#3
 Chloromethane
 Concen: 0.623 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

Tgt Ion: 50 Resp: 8565
 Ion Ratio Lower Upper
 50 100
 52 35.3 22.9 42.5

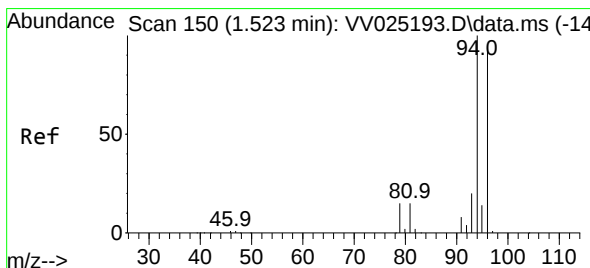
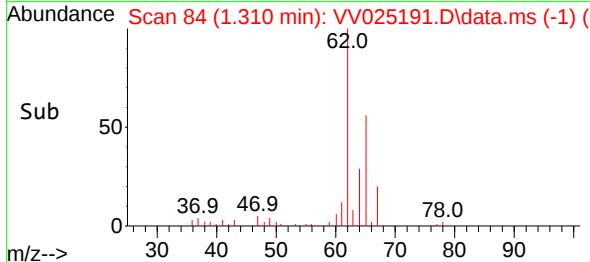
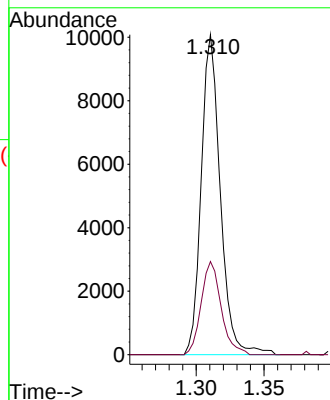
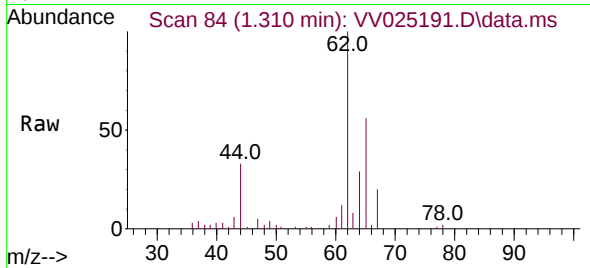




#5
 Vinyl chloride
 Concen: 0.673 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

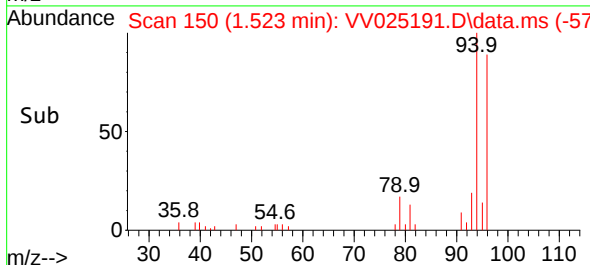
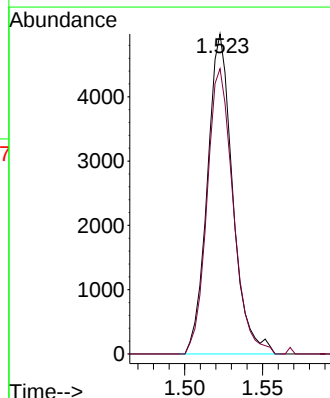
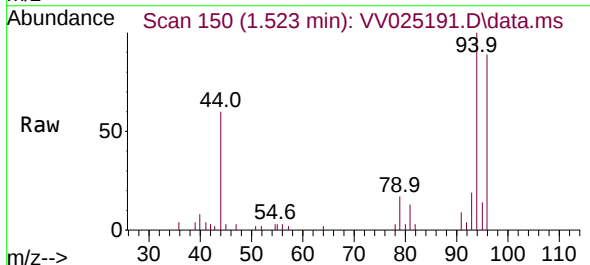
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

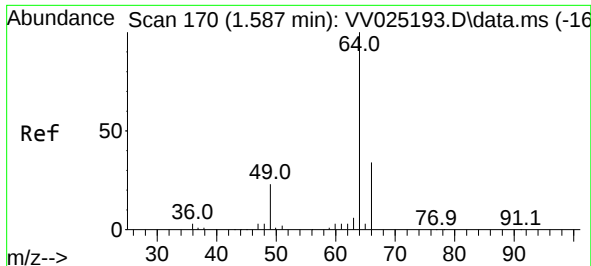
Tgt Ion: 62 Resp: 9864
 Ion Ratio Lower Upper
 62 100
 64 29.1 22.0 40.8



#6
 Bromomethane
 Concen: 0.606 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

Tgt Ion: 94 Resp: 5614
 Ion Ratio Lower Upper
 94 100
 96 89.1 65.5 121.7

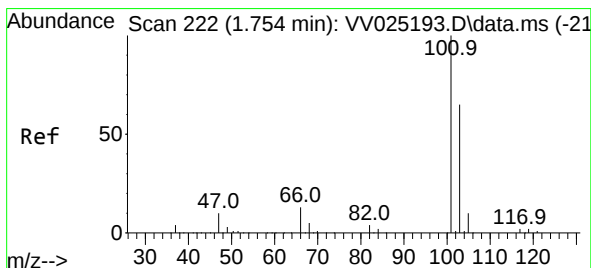
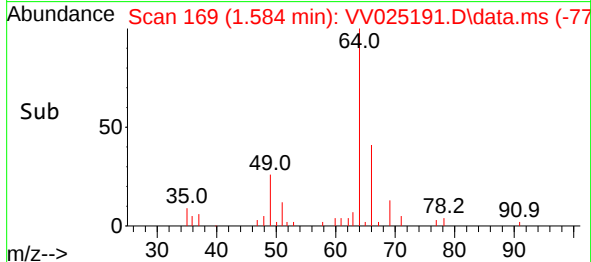
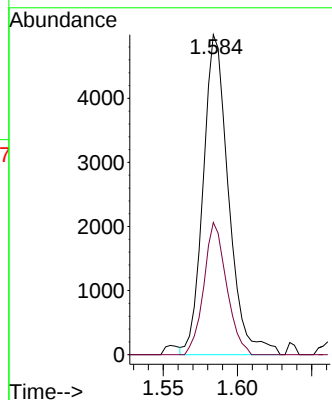
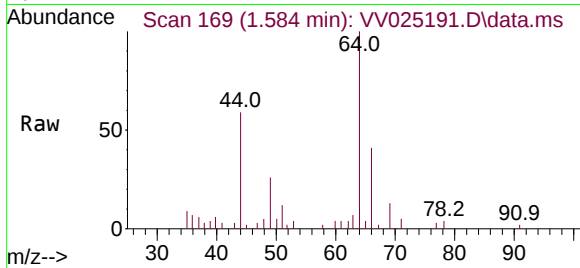




#8
Chloroethane
Concen: 0.659 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

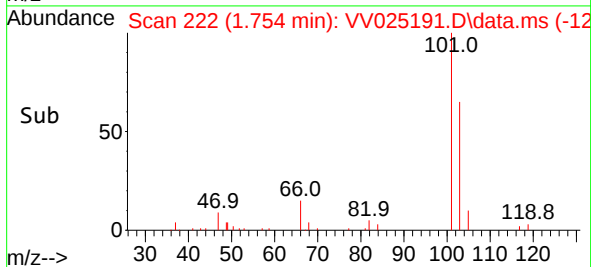
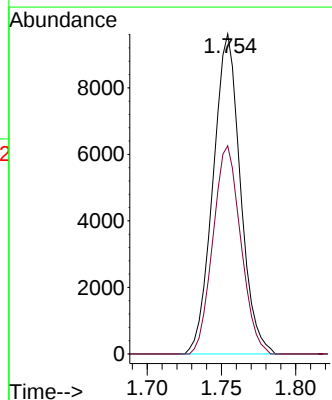
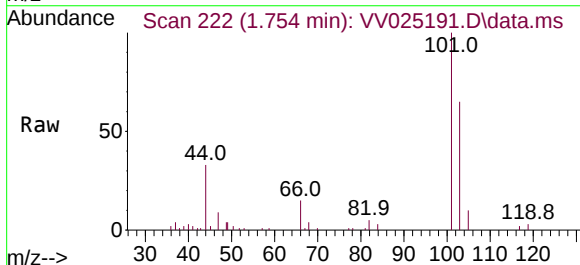
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

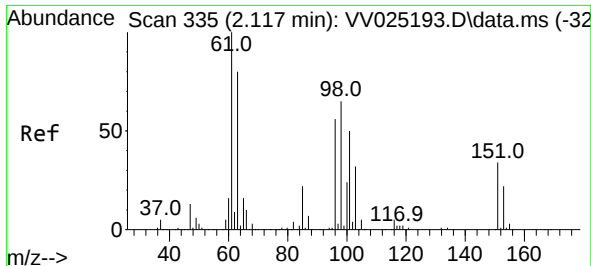
Tgt Ion: 64 Resp: 5940
Ion Ratio Lower Upper
64 100
66 41.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.614 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 101 Resp: 12322
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2

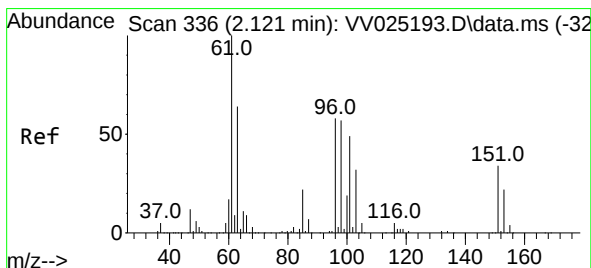
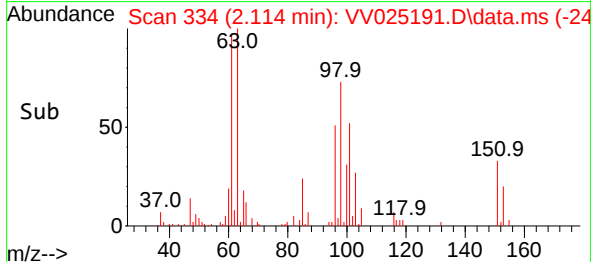
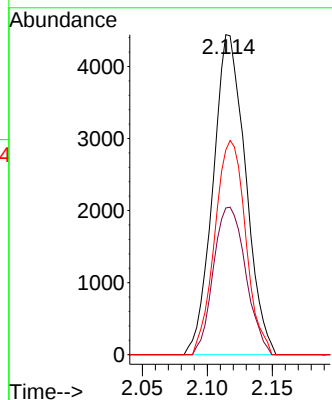
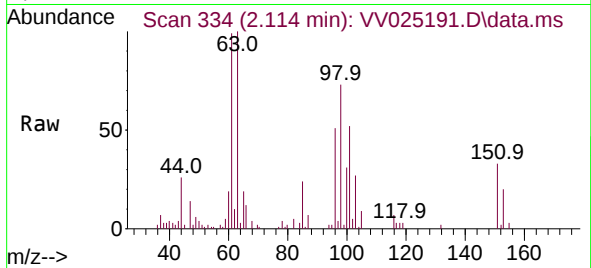




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.706 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

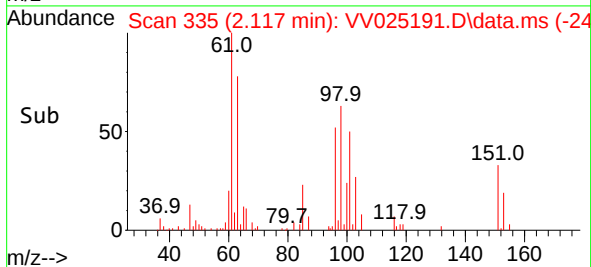
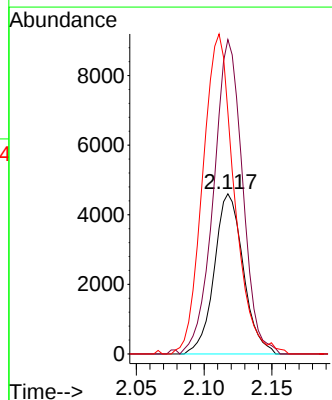
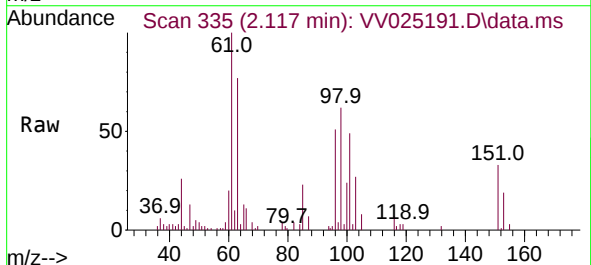
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

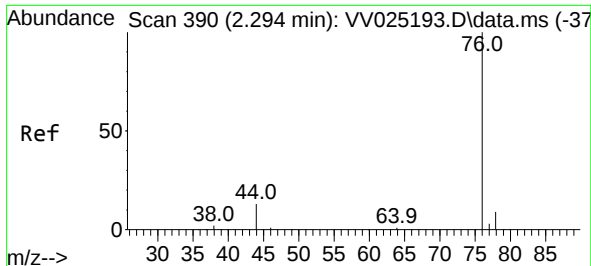
Tgt Ion:101 Resp: 7731
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.0 54.0
 151 63.5 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 0.633 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

Tgt Ion: 96 Resp: 6839
 Ion Ratio Lower Upper
 96 100
 61 196.3 121.5 225.7
 63 151.0 77.9 144.7#

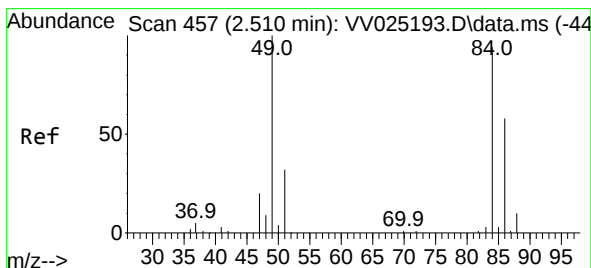
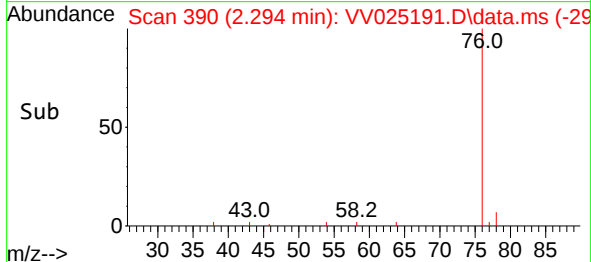
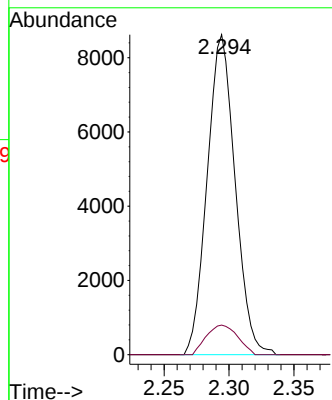
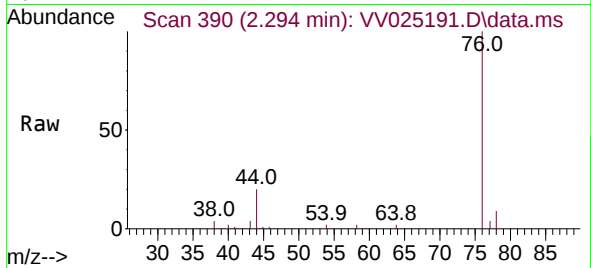




#14
Carbon disulfide
Concen: 0.377 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

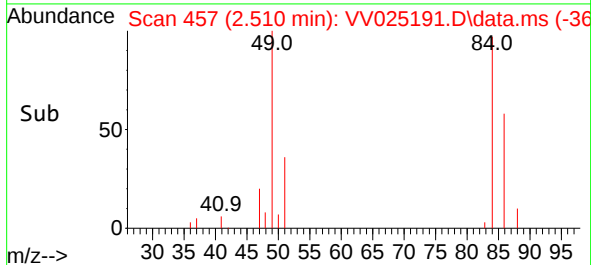
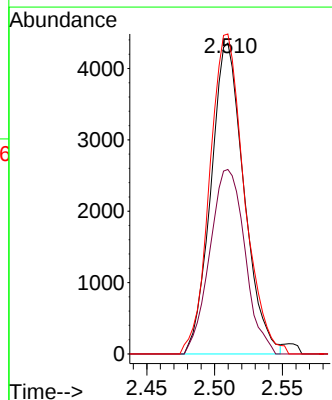
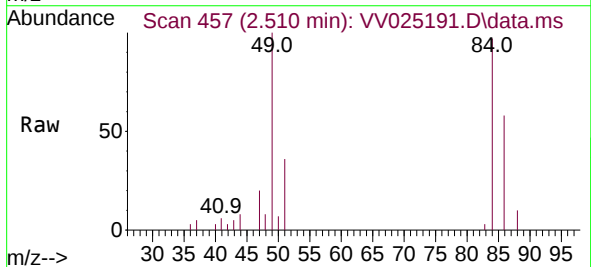
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

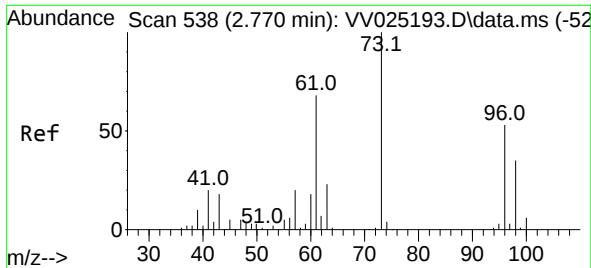
Tgt Ion: 76 Resp: 12894
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#16
Methylene chloride
Concen: 0.631 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 84 Resp: 7400
Ion Ratio Lower Upper
84 100
86 59.3 43.5 80.7
49 102.9 74.5 138.3

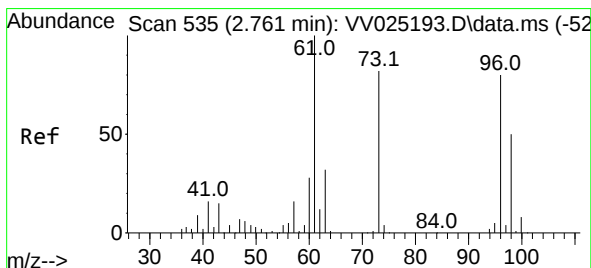
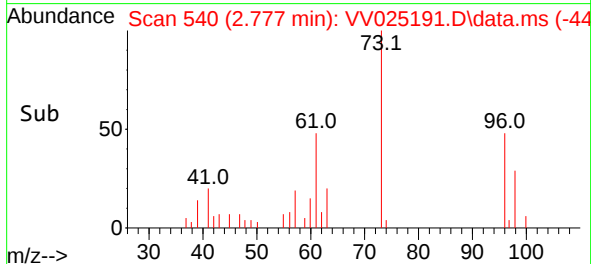
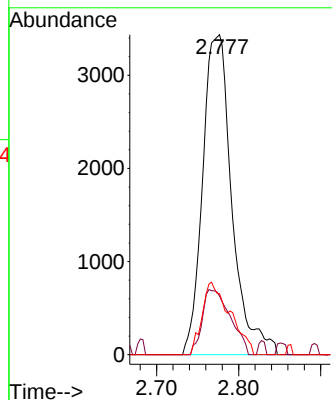
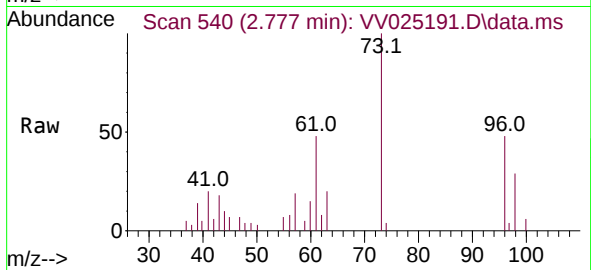




#17
Methyl tert-butyl Ether
Concen: 0.410 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

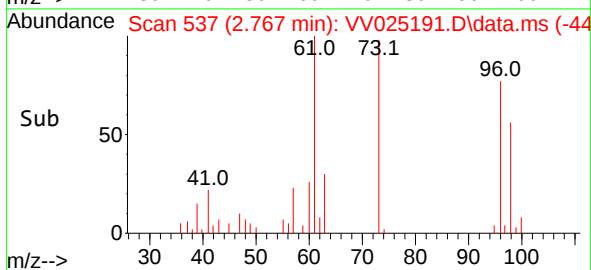
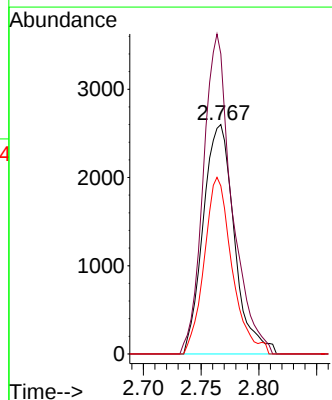
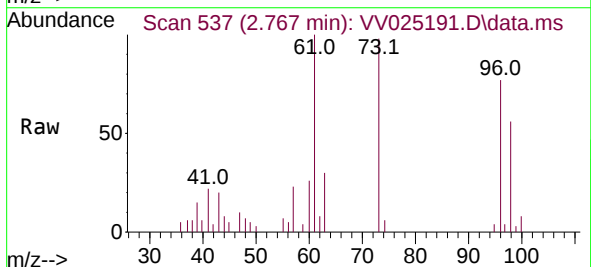
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

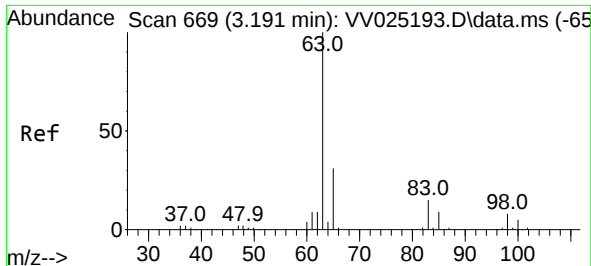
Tgt Ion: 73	Resp:	8519
Ion	Ratio	Lower Upper
73	100	
43	19.4	13.5 20.3
57	21.7	16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 0.422 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 96	Resp:	4876
Ion	Ratio	Lower Upper
96	100	
61	130.7	87.6 162.8
98	73.2	44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.430 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5225

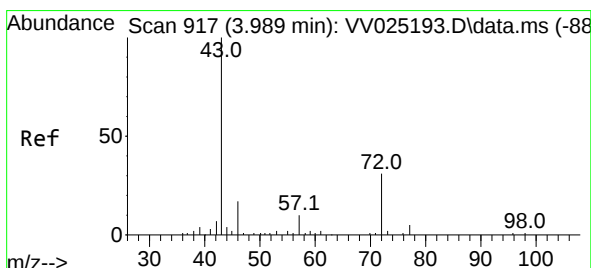
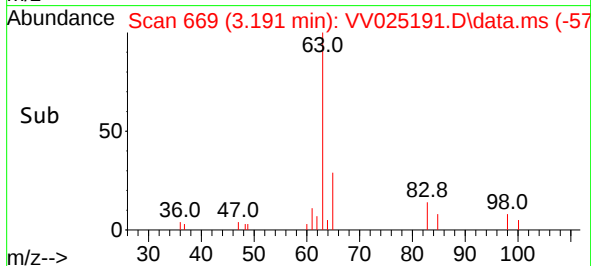
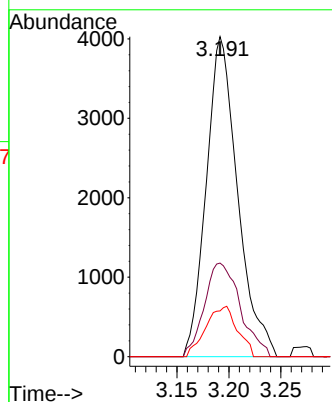
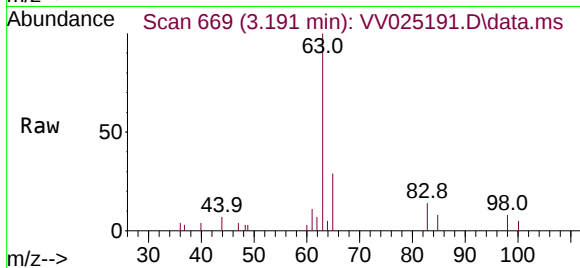
Tgt Ion: 63 Resp: 8447

Ion Ratio Lower Upper

63 100

65 29.3 22.0 40.8

83 14.3 10.2 19.0



#21

2-Butanone

Concen: 0.978 ug/L

RT: 4.040 min Scan# 933

Delta R.T. 0.051 min

Lab File: VV025191.D

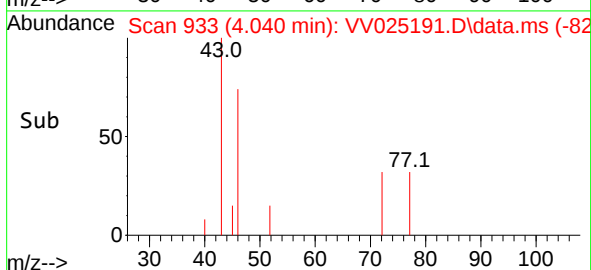
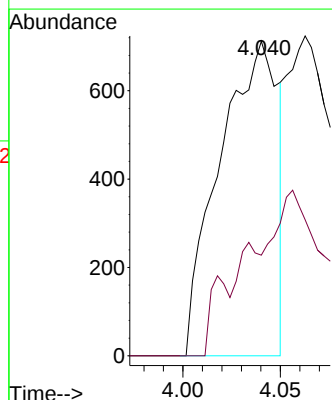
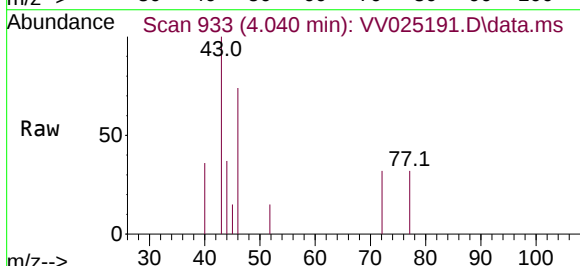
Acq: 26 Mar 2022 11:58

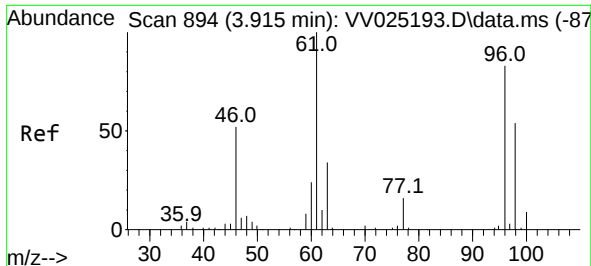
Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

72 14.7 11.8 35.4





#22

cis-1,2-Dichloroethene

Concen: 0.455 ug/L

RT: 3.924 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5225

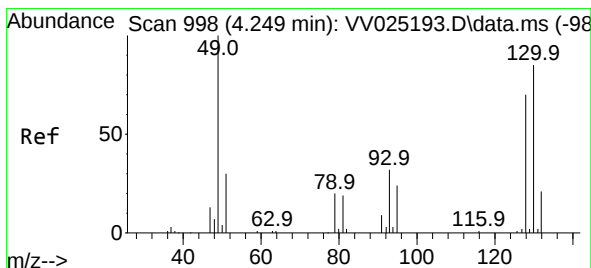
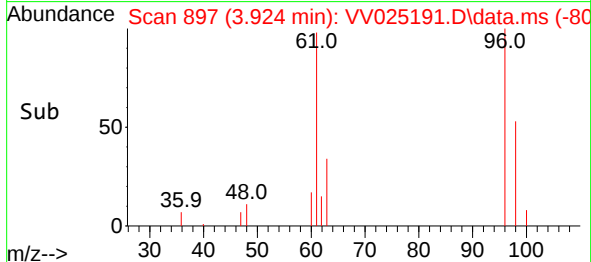
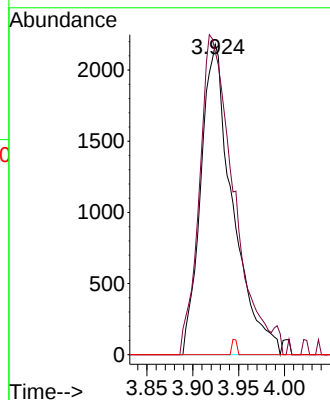
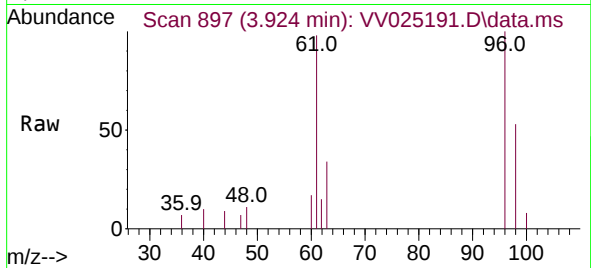
Tgt Ion: 96 Resp: 5275

Ion Ratio Lower Upper

96 100

61 97.6 84.1 156.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.447 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Tgt Ion: 128 Resp: 2097

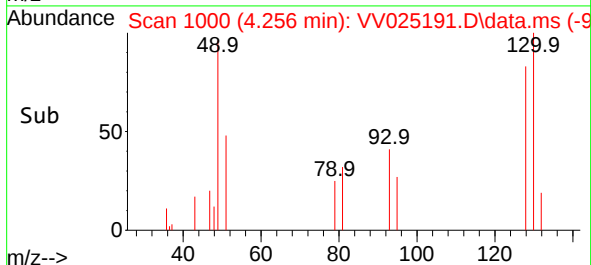
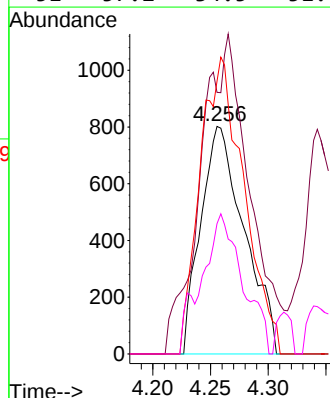
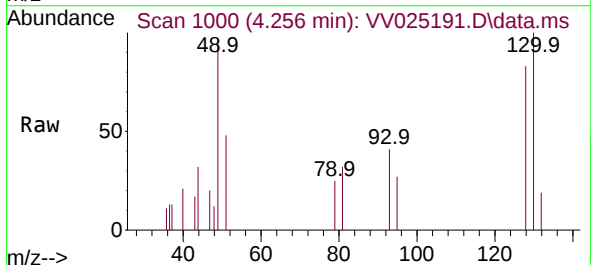
Ion Ratio Lower Upper

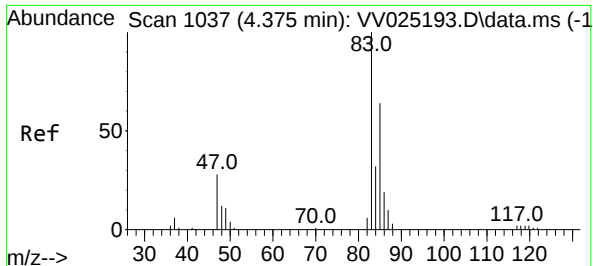
128 100

49 115.0 101.4 188.4

130 119.8 85.0 158.0

51 57.2 34.5 51.7#





#25

Chloroform

Concen: 0.455 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

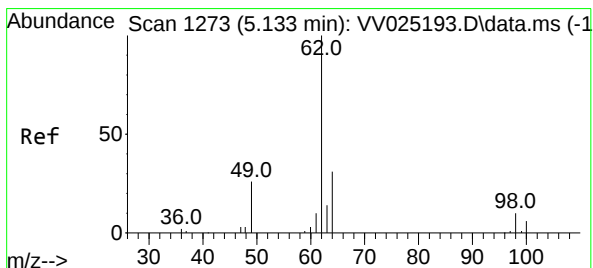
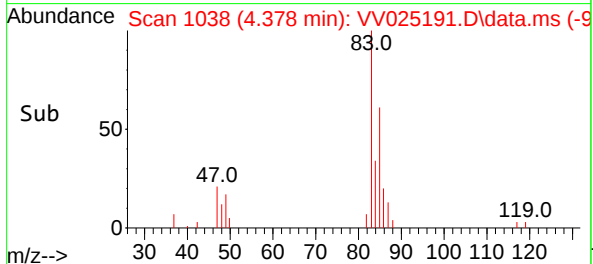
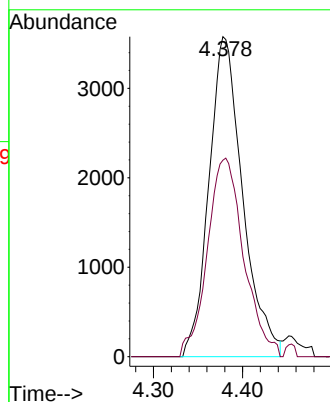
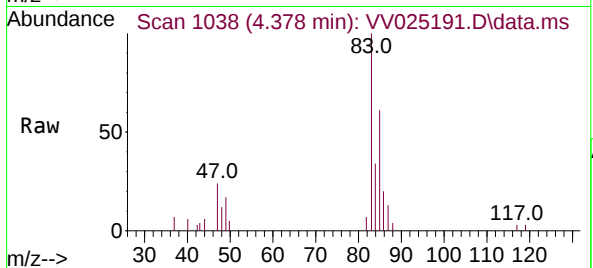
VSTD0.5225

Tgt Ion: 83 Resp: 9401

Ion Ratio Lower Upper

83 100

85 61.4 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.473 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.010 min

Lab File: VV025191.D

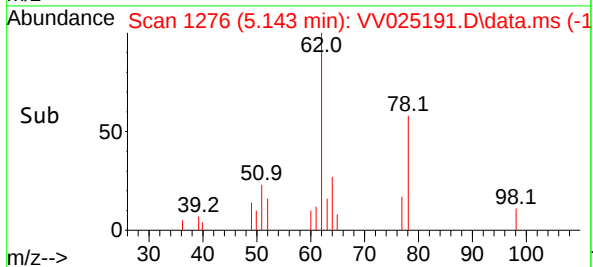
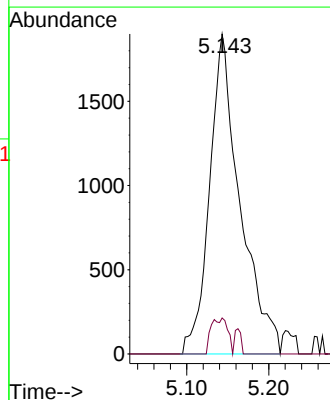
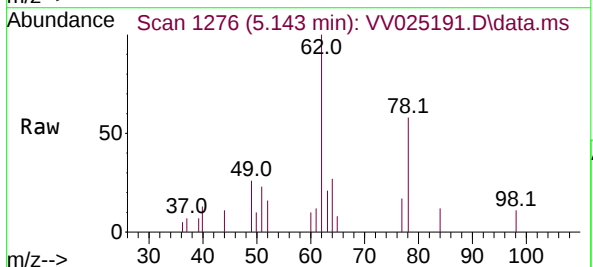
Acq: 26 Mar 2022 11:58

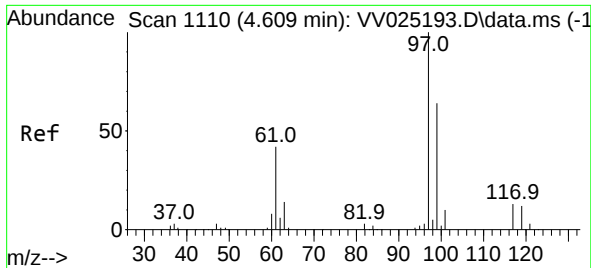
Tgt Ion: 62 Resp: 4907

Ion Ratio Lower Upper

62 100

98 11.3 7.9 11.9

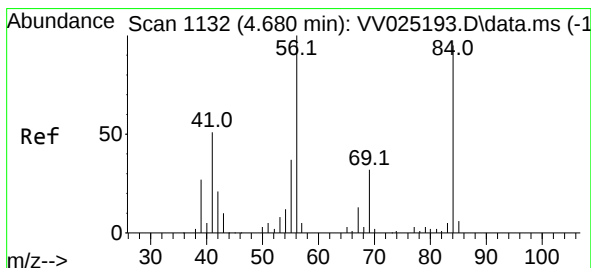
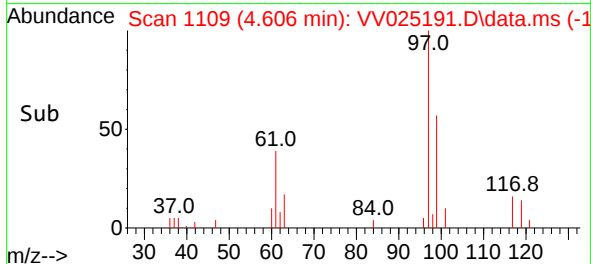
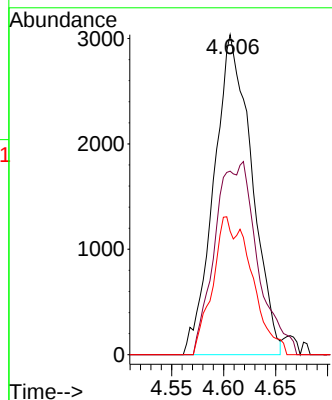
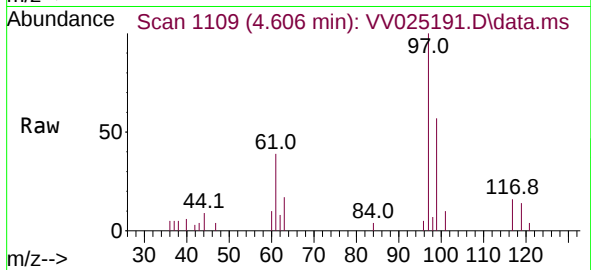




#29
1,1,1-Trichloroethane
Concen: 0.423 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

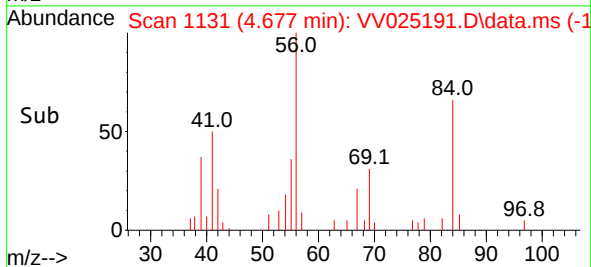
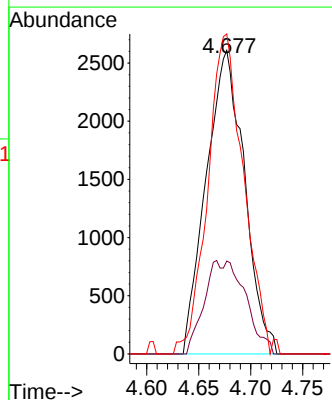
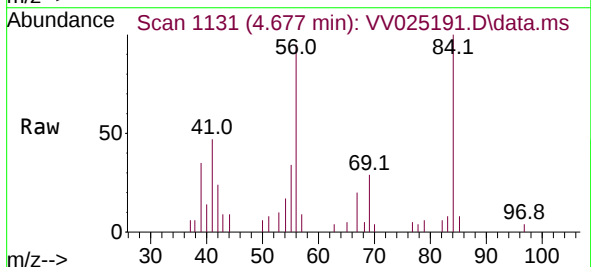
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

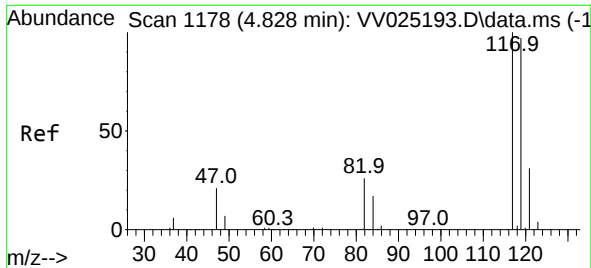
Tgt Ion: 97 Resp: 7679
Ion Ratio Lower Upper
97 100
99 36.2 51.9 77.9#
61 23.4 34.2 51.2#



#30
Cyclohexane
Concen: 0.384 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 56 Resp: 6669
Ion Ratio Lower Upper
56 100
69 13.9 25.3 37.9#
84 98.5 78.4 117.6

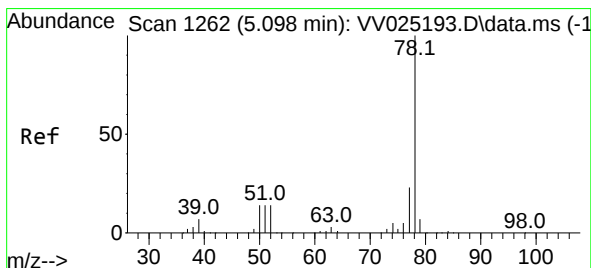
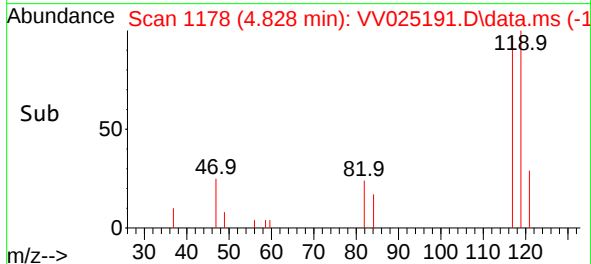
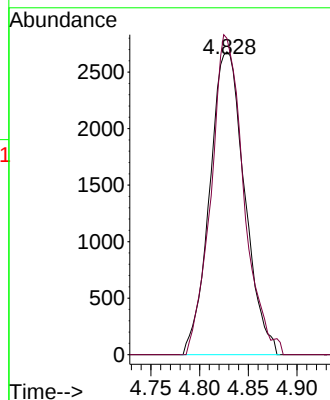
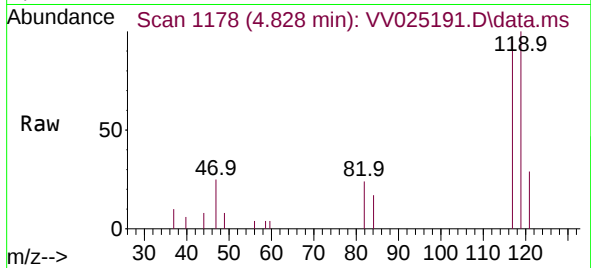




#31
Carbon tetrachloride
Concen: 0.427 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

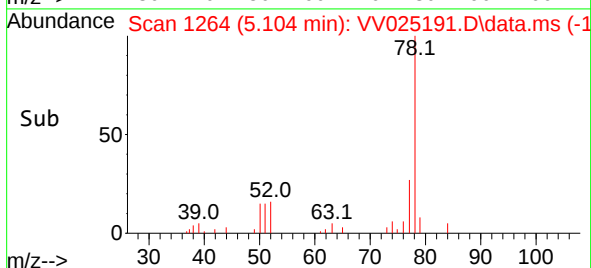
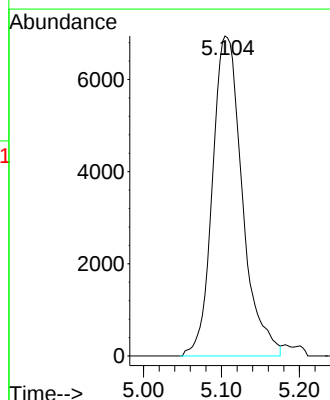
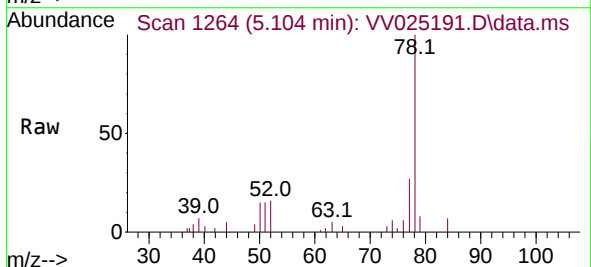
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

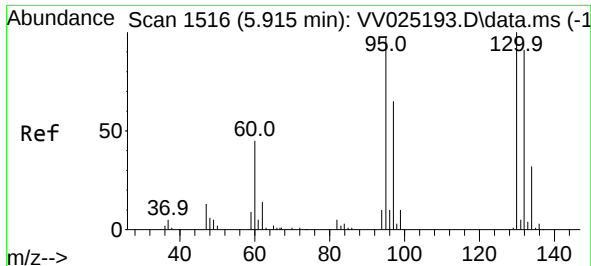
Tgt Ion:117 Resp: 6671
Ion Ratio Lower Upper
117 100
119 99.0 77.8 116.6



#33
Benzene
Concen: 0.402 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 78 Resp: 18455



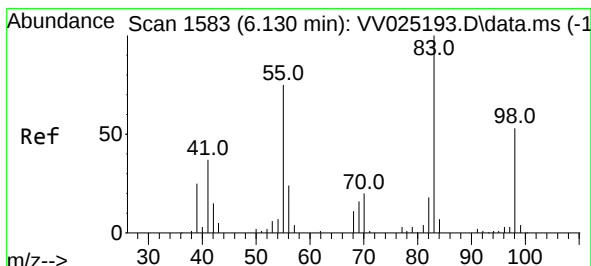
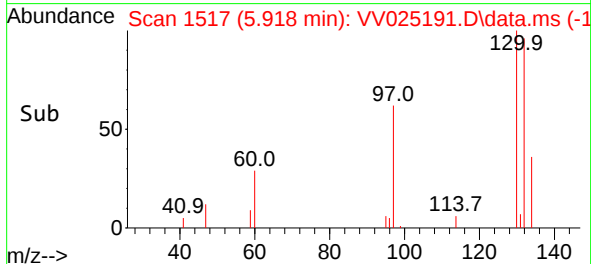
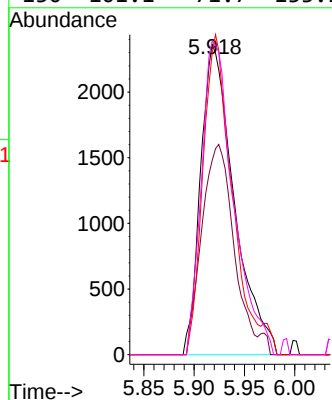
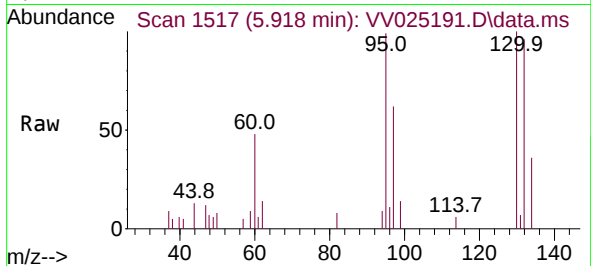


#34
Trichloroethene
Concen: 0.448 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

Tgt Ion: 95 Resp: 5477

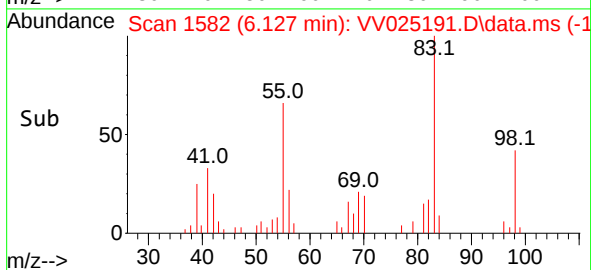
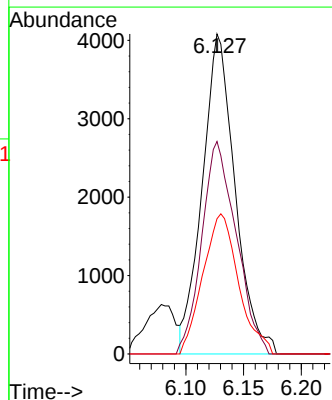
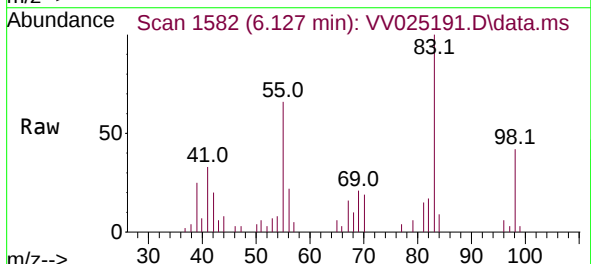
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.3	85.9
132	97.4	65.2	121.2
130	101.1	71.7	133.1

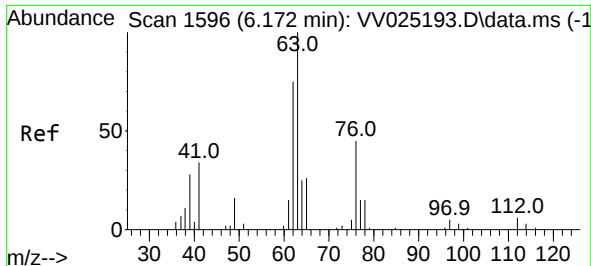


#35
Methylcyclohexane
Concen: 0.419 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 83 Resp: 8062

Ion	Ratio	Lower	Upper
83	100		
55	69.7	54.6	81.8
98	47.6	39.8	59.6





#37

1,2-Dichloropropane

Concen: 0.415 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

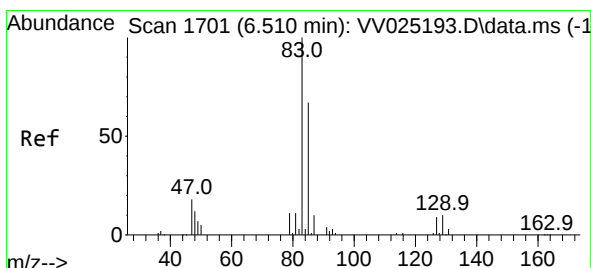
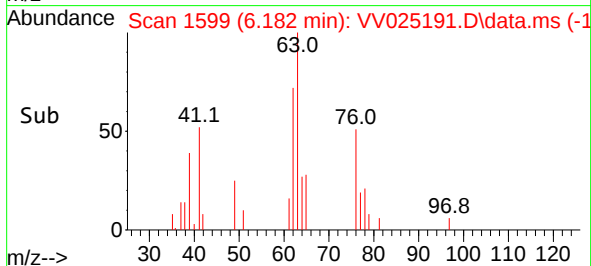
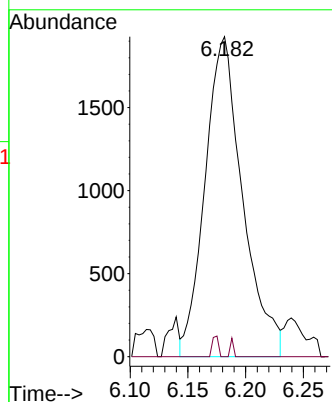
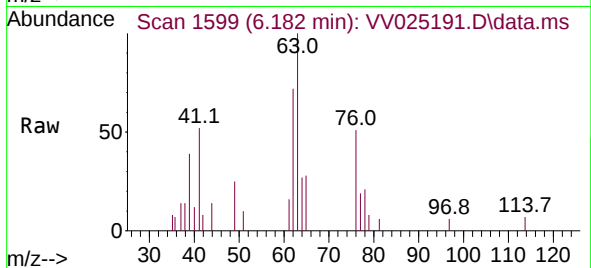
VSTD0.5225

Tgt Ion: 63 Resp: 4367

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.428 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

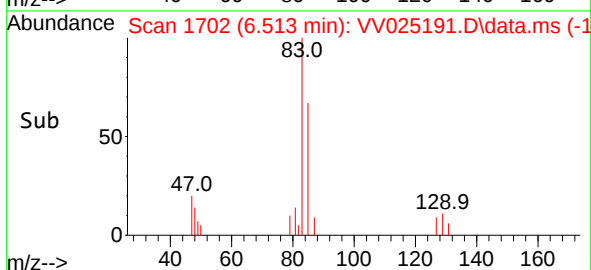
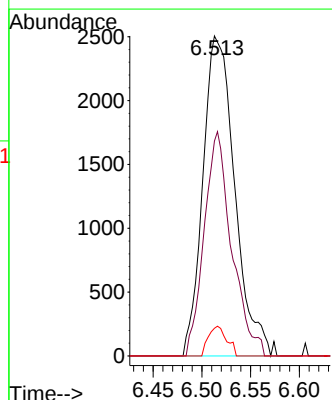
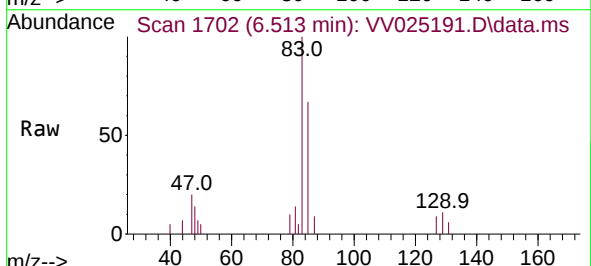
Tgt Ion: 83 Resp: 5708

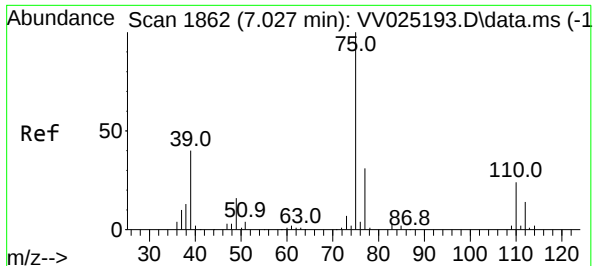
Ion Ratio Lower Upper

83 100

85 67.2 47.2 87.6

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.356 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

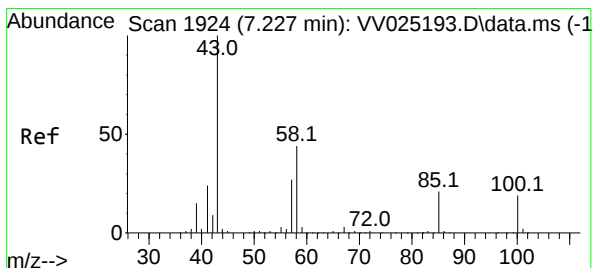
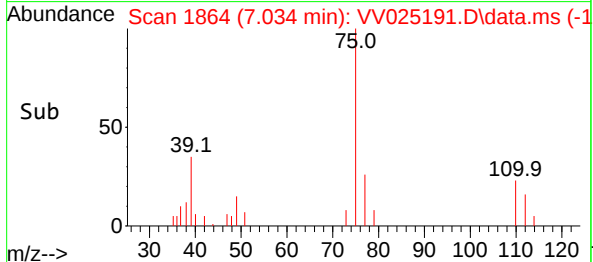
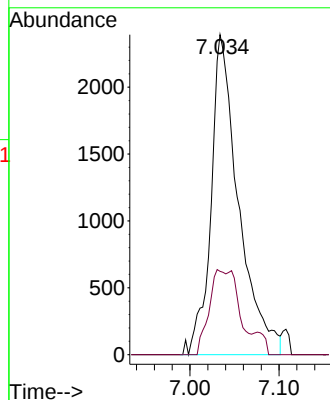
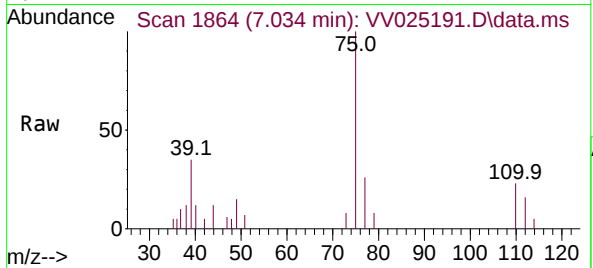
VSTD0.5225

Tgt Ion: 75 Resp: 5140

Ion Ratio Lower Upper

75 100

77 26.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 3.720 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

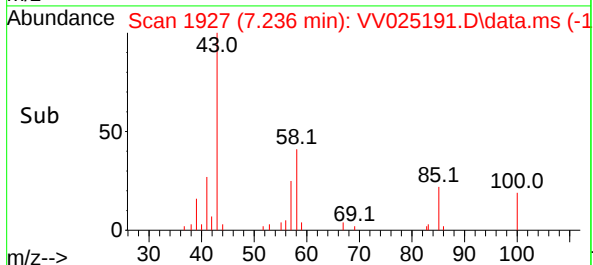
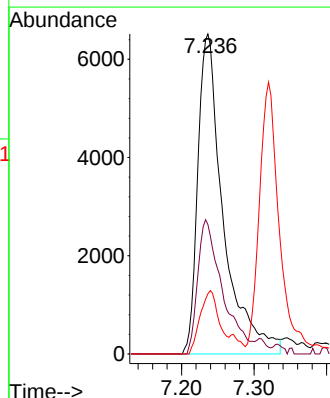
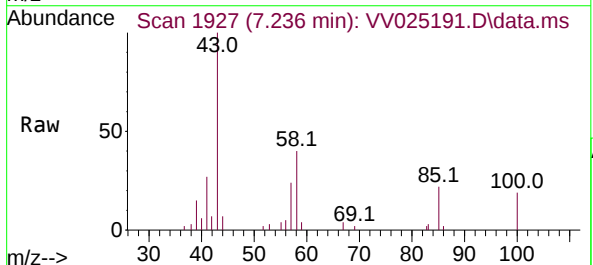
Tgt Ion: 43 Resp: 15904

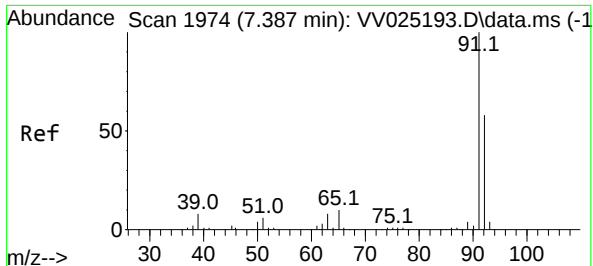
Ion Ratio Lower Upper

43 100

58 40.9 35.1 52.7

100 14.9 15.5 23.3#





#42

Toluene

Concen: 0.372 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

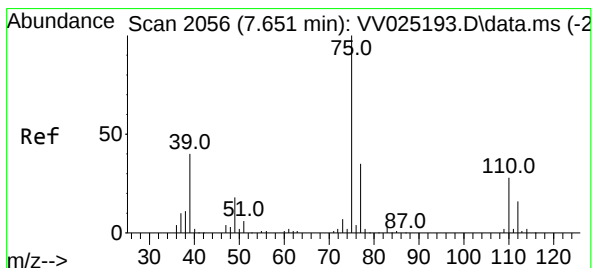
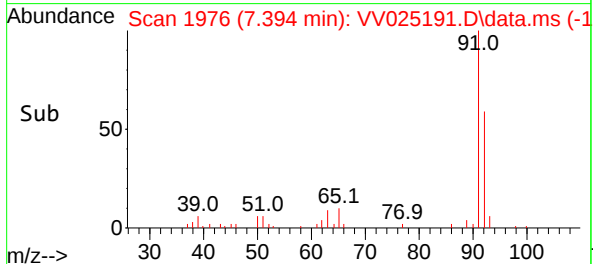
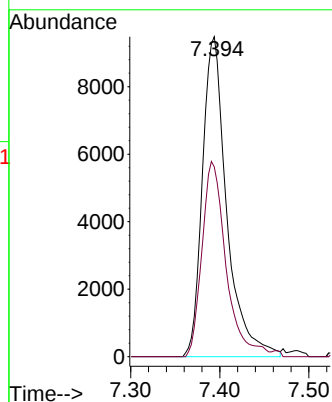
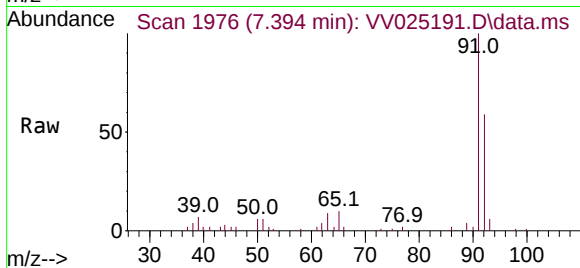
VSTD0.5225

Tgt Ion: 91 Resp: 17970

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 7.667 min Scan# 2061

Delta R.T. 0.016 min

Lab File: VV025191.D

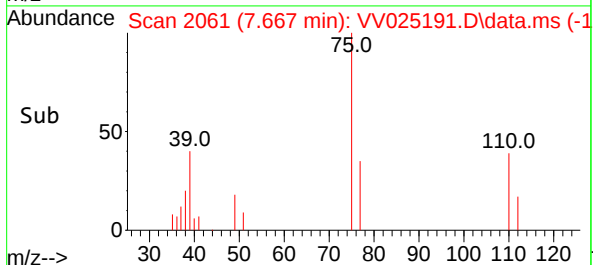
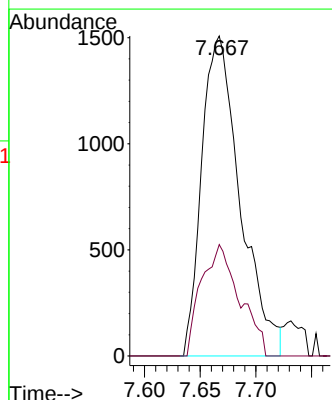
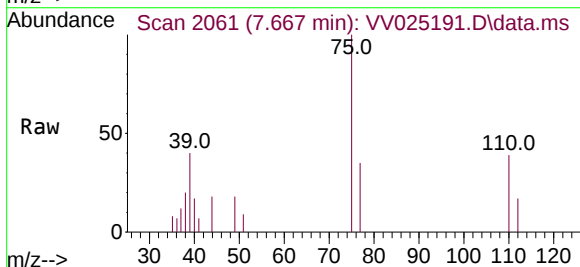
Acq: 26 Mar 2022 11:58

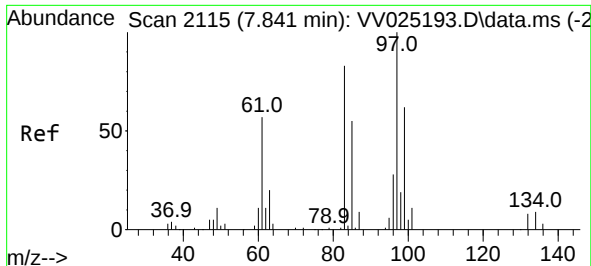
Tgt Ion: 75 Resp: 3628

Ion Ratio Lower Upper

75 100

77 34.8 24.2 45.0

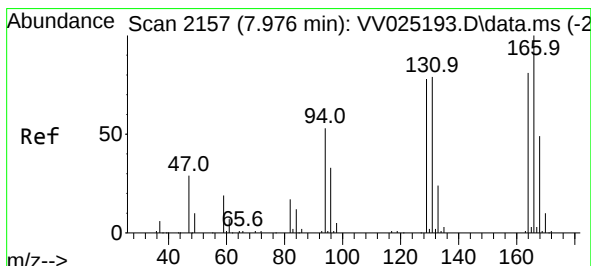
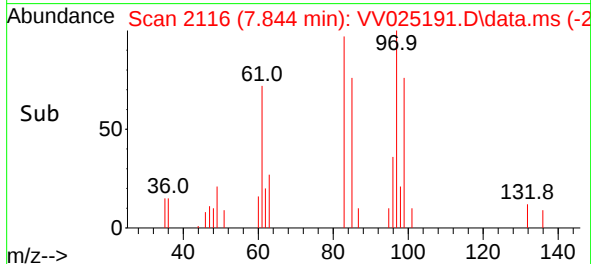
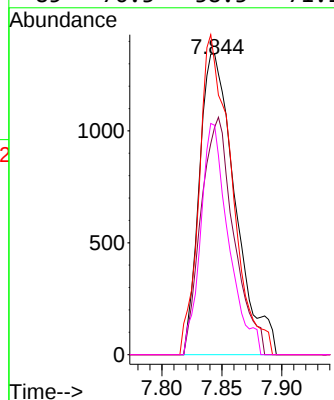
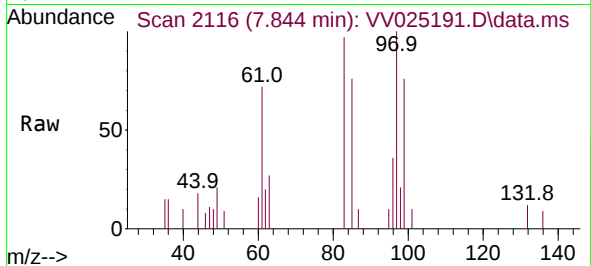




#45
1,1,2-Trichloroethane
Concen: 0.394 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

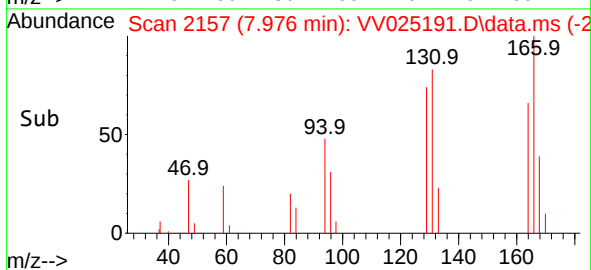
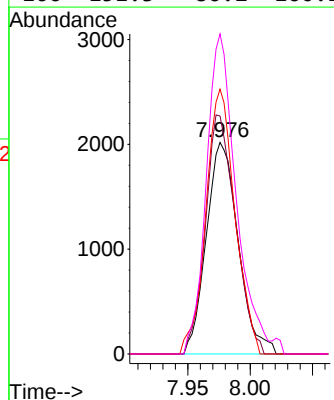
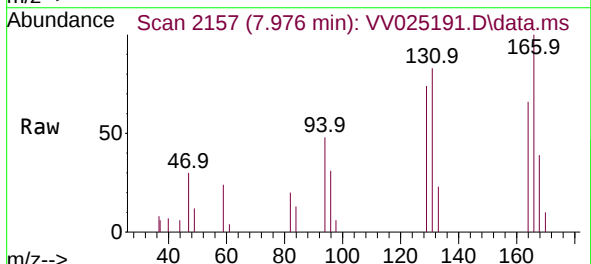
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

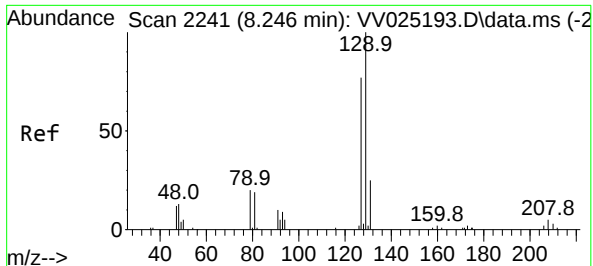
Tgt Ion: 97	Resp: 2787
Ion Ratio	Lower Upper
97 100	
99 75.6	43.3 80.5
83 96.9	58.0 107.6
85 76.3	38.3 71.1#



#47
Tetrachloroethene
Concen: 0.409 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt	Ion:164	Resp:	3593
Ion	Ratio	Lower	Upper
164	100		
129	112.5	67.5	125.4
131	125.2	68.0	126.4
166	151.3	86.2	160.2





#49

Dibromochloromethane

Concen: 0.372 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

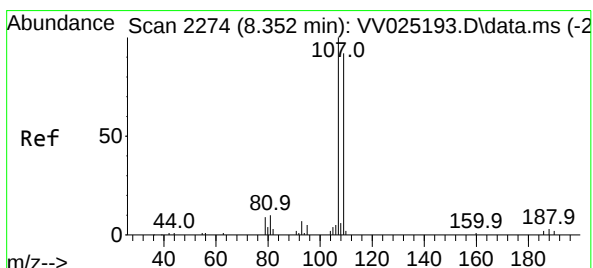
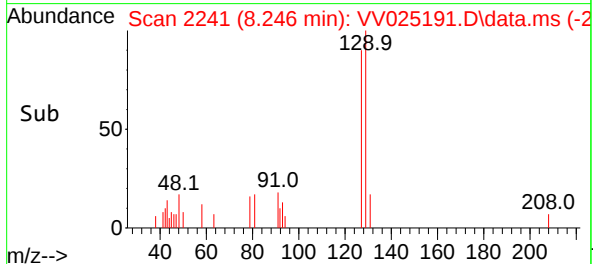
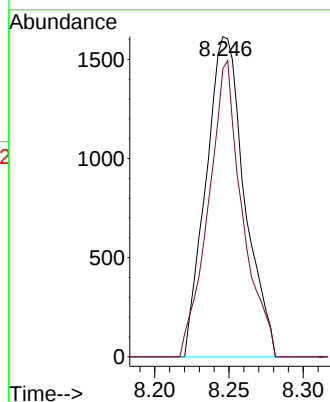
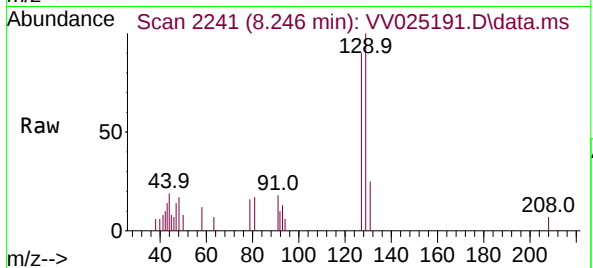
VSTD0.5225

Tgt Ion:129 Resp: 2913

Ion Ratio Lower Upper

129 100

127 90.0 54.1 100.5



#50

1,2-Dibromoethane

Concen: 0.432 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

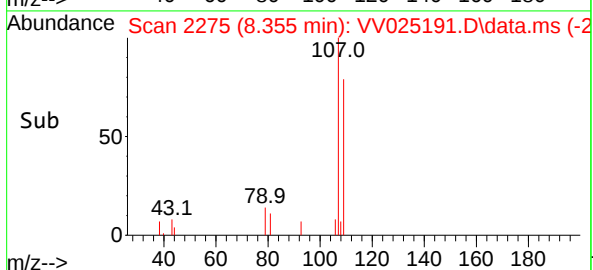
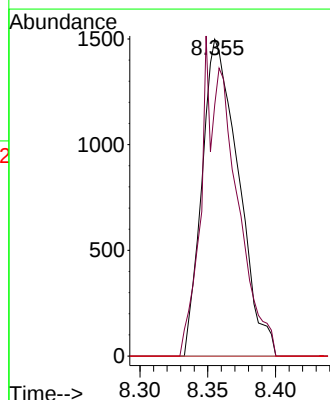
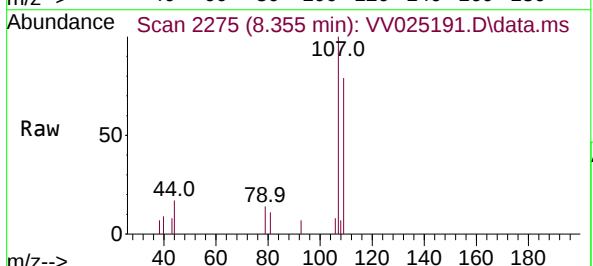
Tgt Ion:107 Resp: 2799

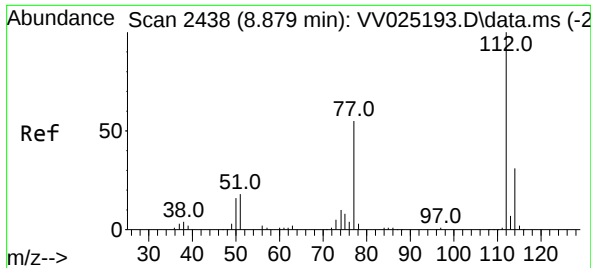
Ion Ratio Lower Upper

107 100

109 79.4 64.7 120.1

188 0.0 2.2 3.4#

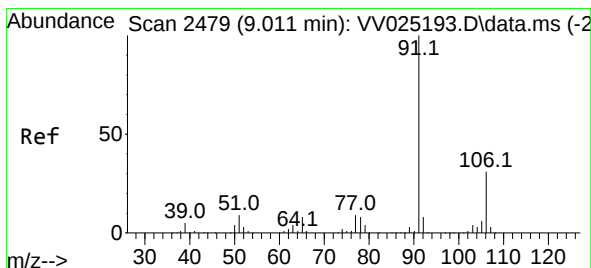
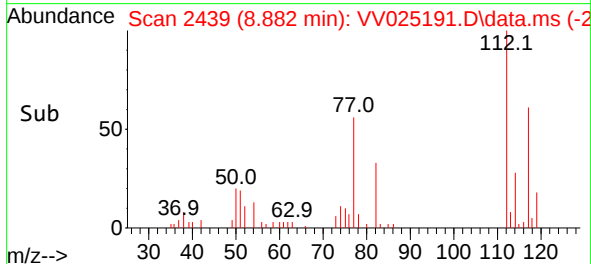
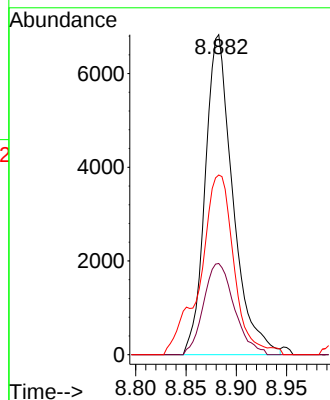
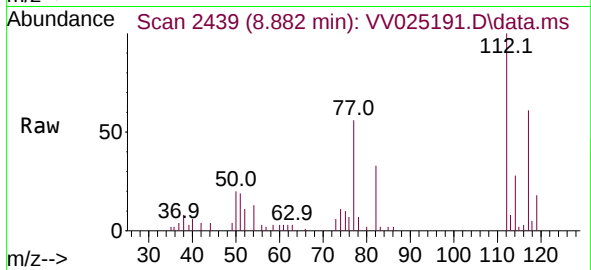




#51
Chlorobenzene
Concen: 0.430 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

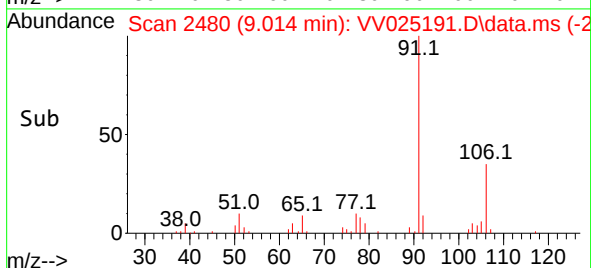
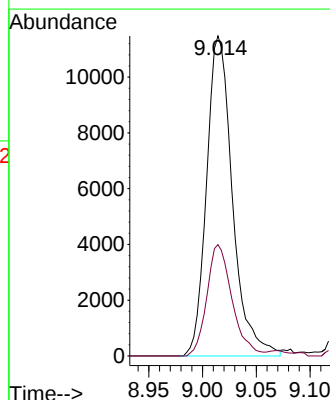
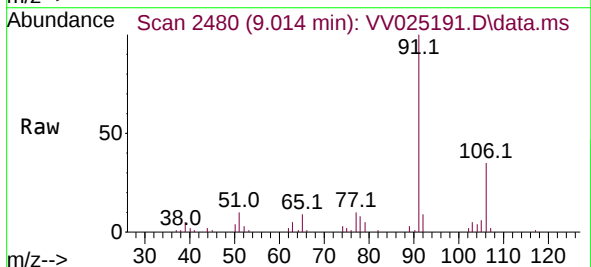
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

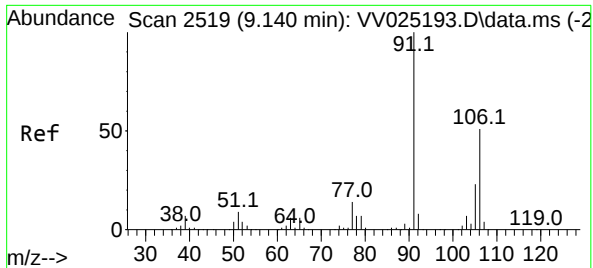
Tgt Ion:112 Resp: 13045
Ion Ratio Lower Upper
112 100
114 28.5 21.9 40.7
77 56.2 44.2 66.4



#52
Ethylbenzene
Concen: 0.377 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 91 Resp: 19223
Ion Ratio Lower Upper
91 100
106 34.8 21.7 40.3

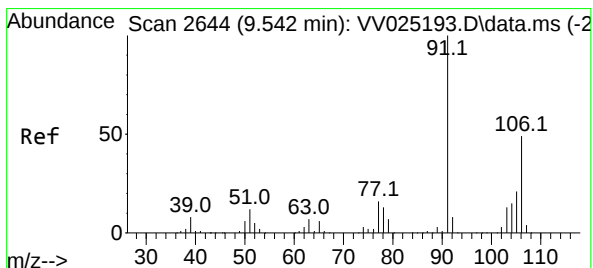
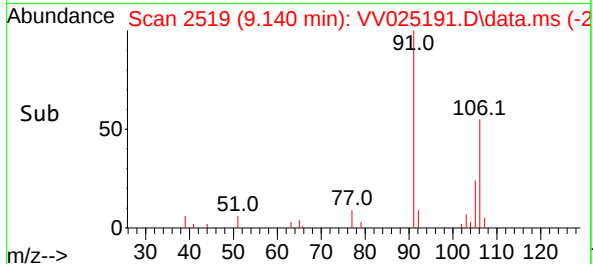
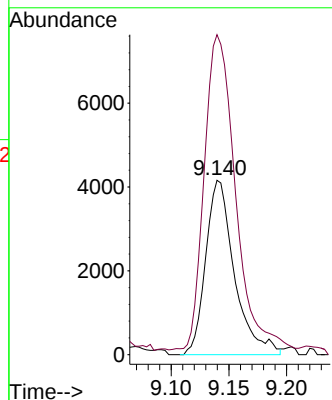
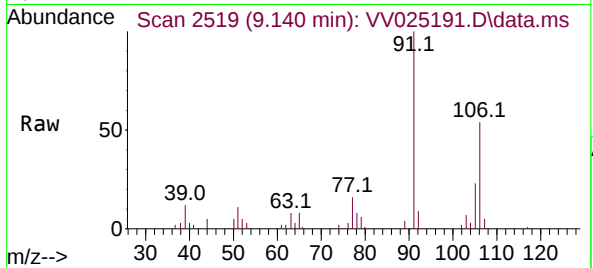




#53
m,p-Xylene
Concen: 0.367 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

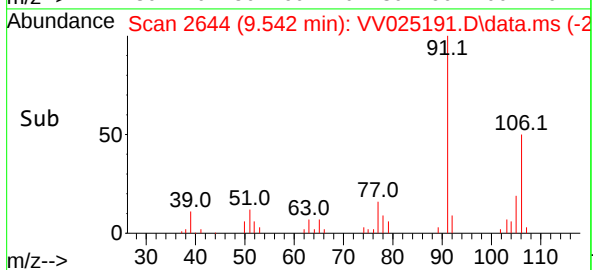
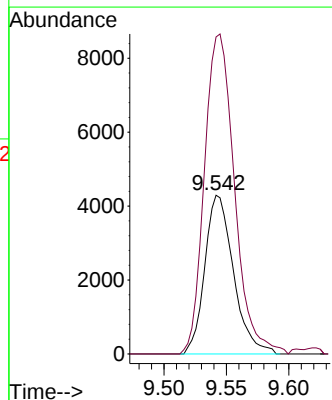
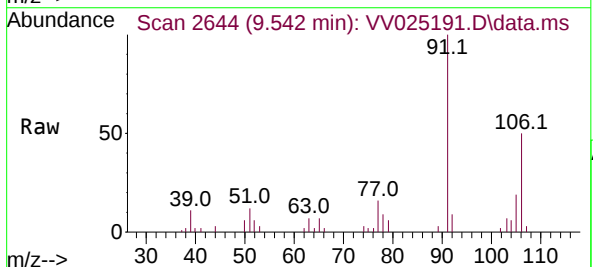
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

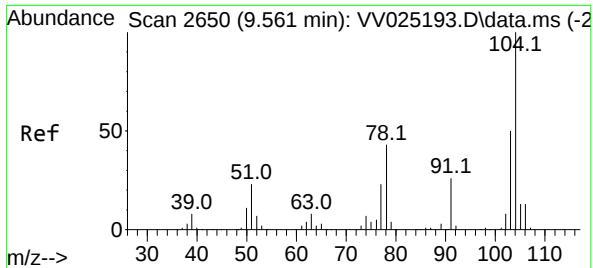
Tgt Ion:106 Resp: 7204
Ion Ratio Lower Upper
106 100
91 183.5 136.8 254.0



#54
o-Xylene
Concen: 0.365 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion:106 Resp: 6872
Ion Ratio Lower Upper
106 100
91 199.8 143.0 265.6

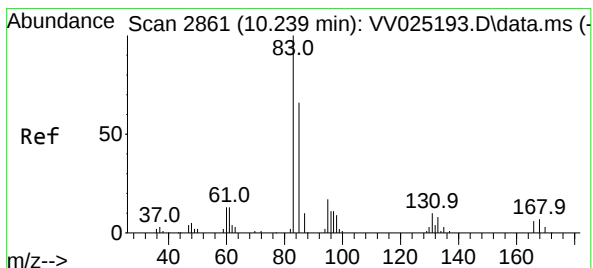
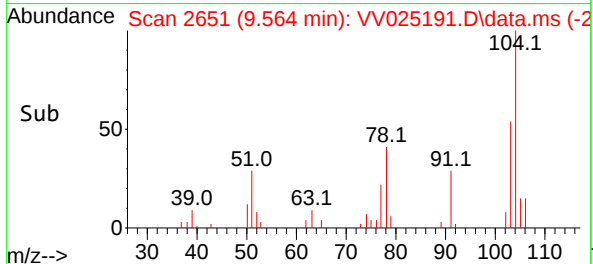
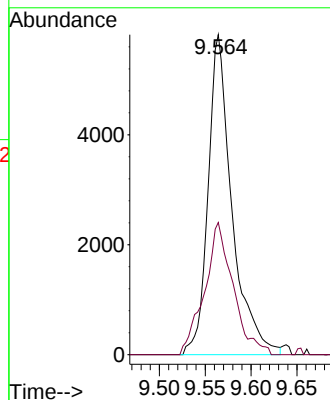
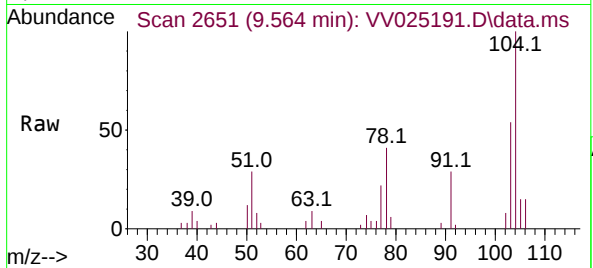




#55
Styrene
Concen: 0.343 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

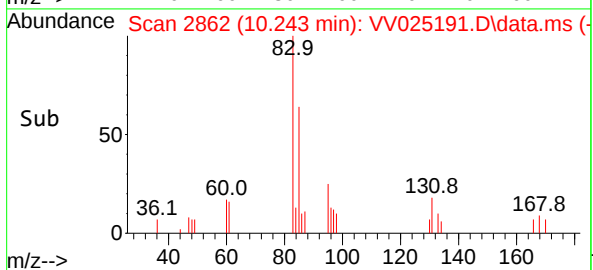
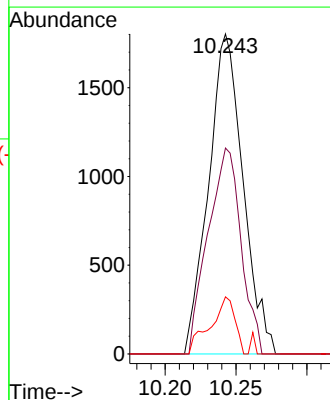
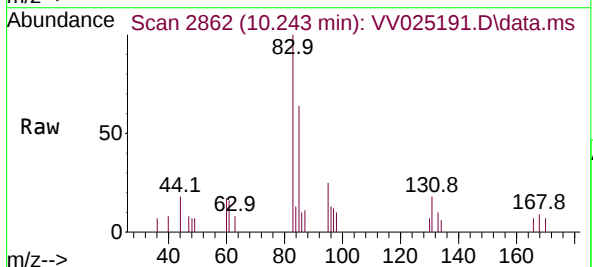
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

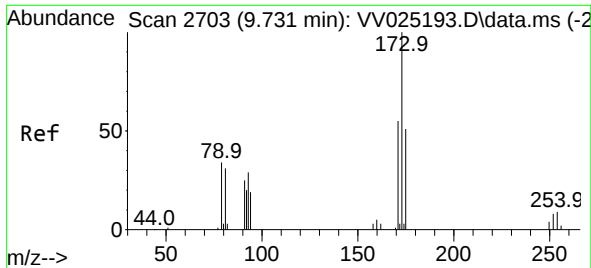
Tgt Ion:104 Resp: 10535
Ion Ratio Lower Upper
104 100
78 41.3 30.1 55.9



#57
1,1,2,2-Tetrachloroethane
Concen: 0.438 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 64.3 46.2 85.8
131 17.9 8.1 12.1#





#59

Bromoform

Concen: 0.292 ug/L

RT: 9.735 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5225

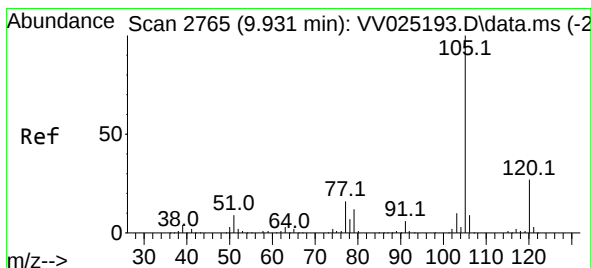
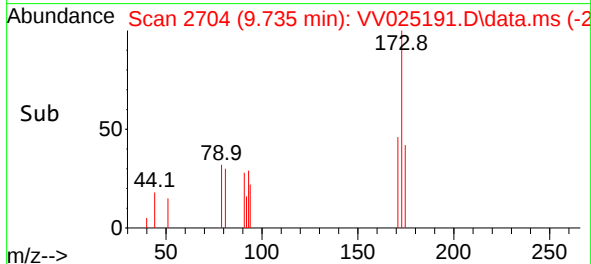
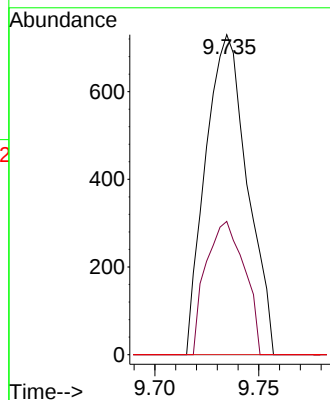
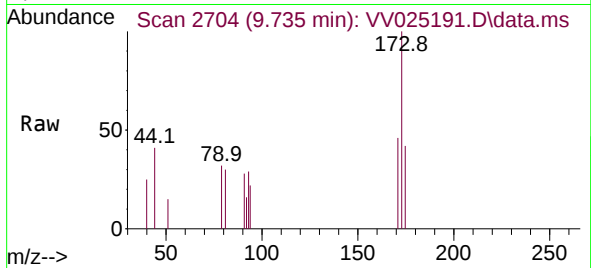
Tgt Ion:173 Resp: 1019

Ion Ratio Lower Upper

173 100

175 38.4 39.4 59.0#

254 0.0 5.6 8.4#



#60

Isopropylbenzene

Concen: 0.367 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

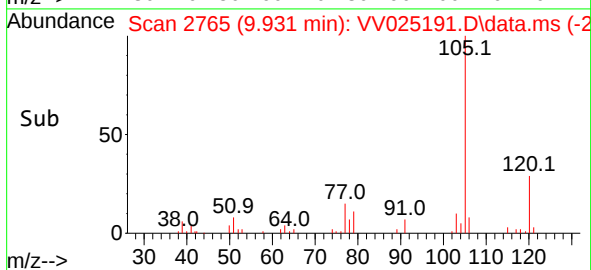
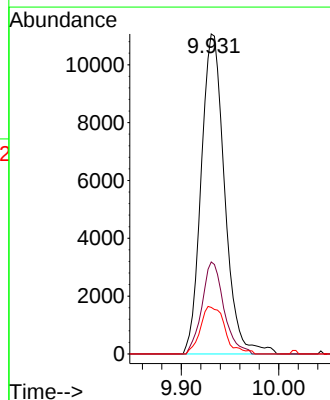
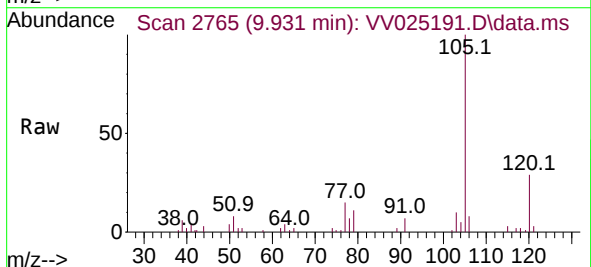
Tgt Ion:105 Resp: 18449

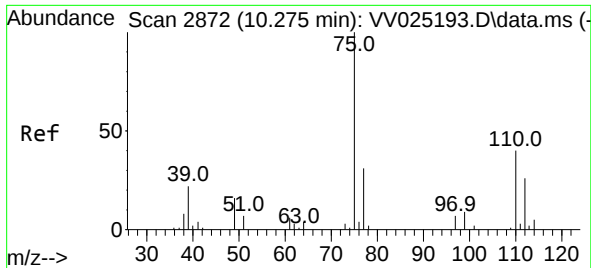
Ion Ratio Lower Upper

105 100

120 26.9 21.1 31.7

77 15.5 12.6 18.8

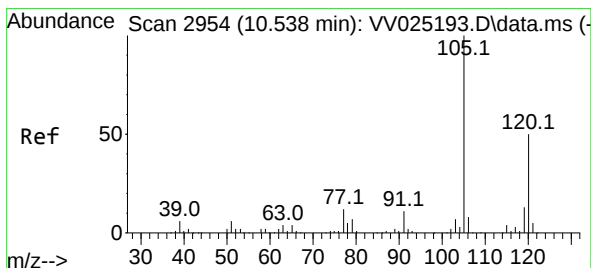
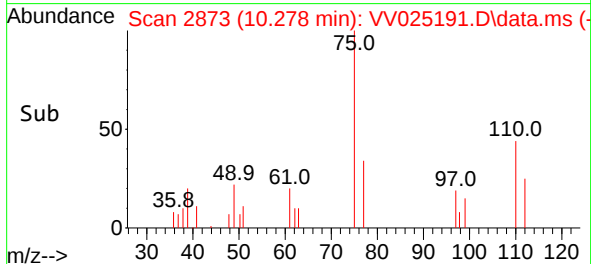
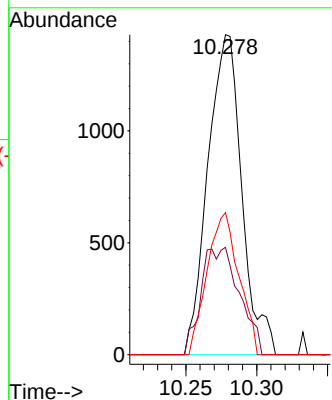
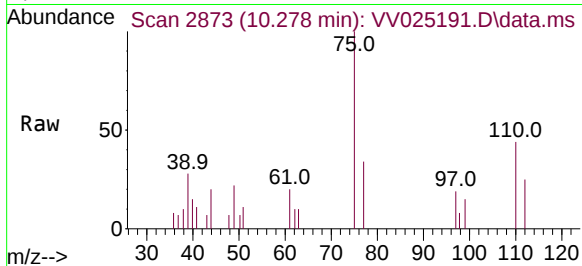




#61
 1,2,3-Trichloropropane
 Concen: 0.422 ug/L
 RT: 10.278 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

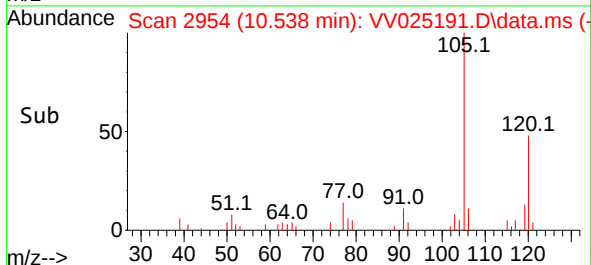
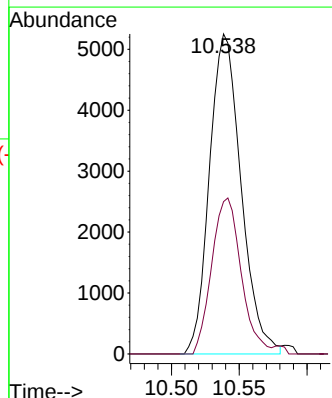
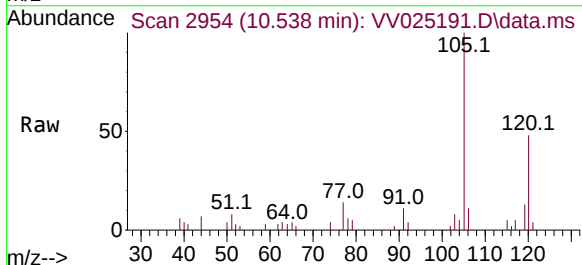
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

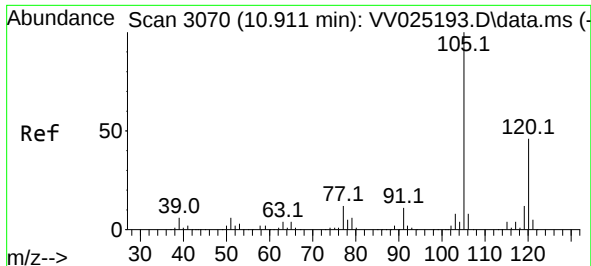
Tgt Ion: 75 Resp: 2381
 Ion Ratio Lower Upper
 75 100
 77 17.1 25.8 38.6#
 110 41.6 31.6 47.4



#62
 1,3,5-Trimethylbenzene
 Concen: 0.377 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

Tgt Ion: 105 Resp: 8520
 Ion Ratio Lower Upper
 105 100
 120 45.4 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 0.341 ug/L

RT: 10.915 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

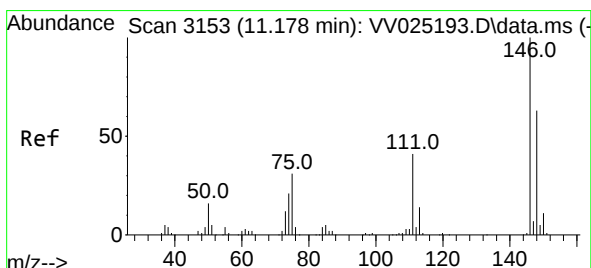
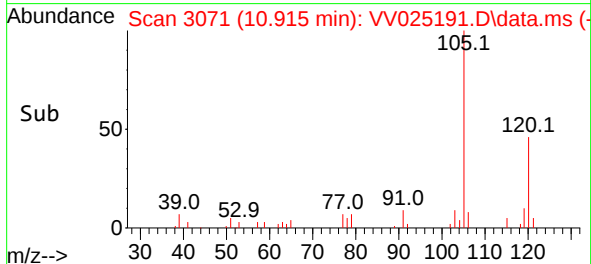
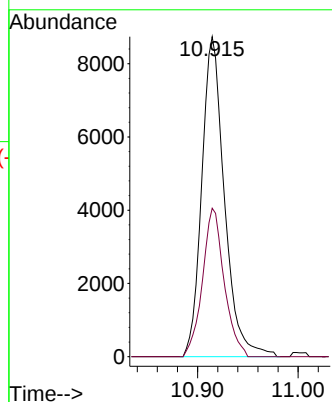
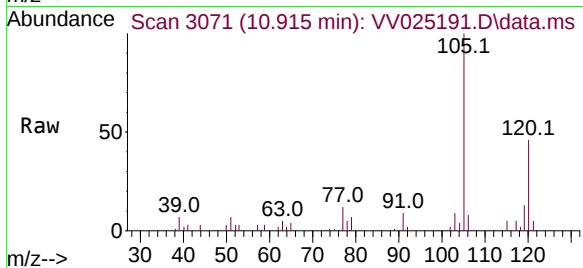
VSTD0.5225

Tgt Ion:105 Resp: 13680

Ion Ratio Lower Upper

105 100

120 44.3 36.5 54.7



#64

1,3-Dichlorobenzene

Concen: 0.414 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV025191.D

Acq: 26 Mar 2022 11:58

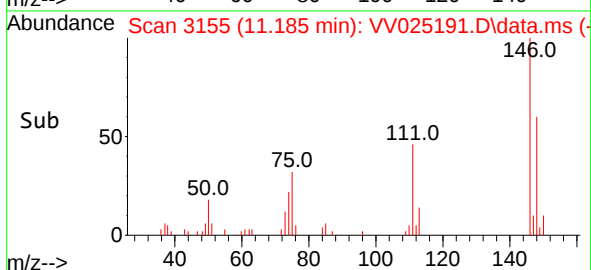
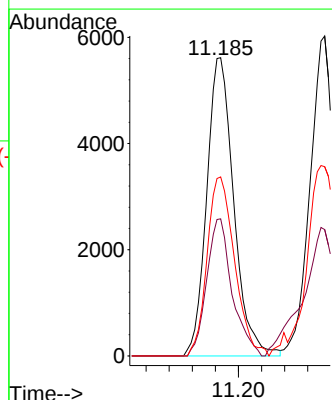
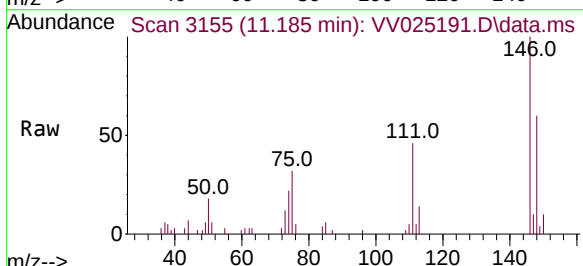
Tgt Ion:146 Resp: 9141

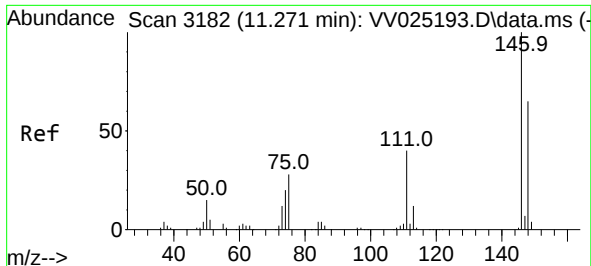
Ion Ratio Lower Upper

146 100

111 46.0 29.0 53.8

148 60.0 44.0 81.8

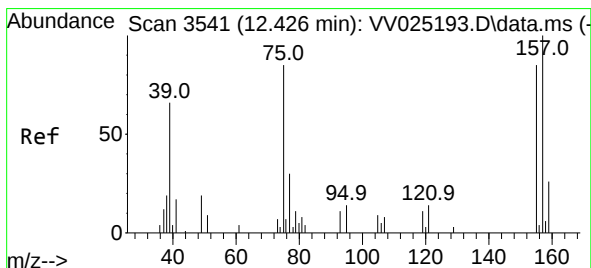
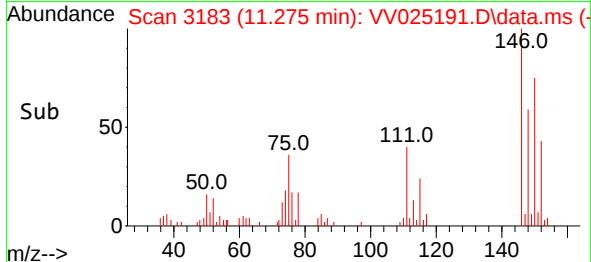
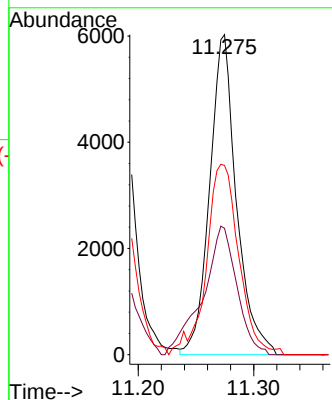
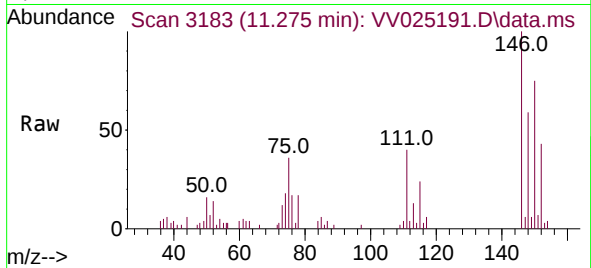




#65
1,4-Dichlorobenzene
Concen: 0.437 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

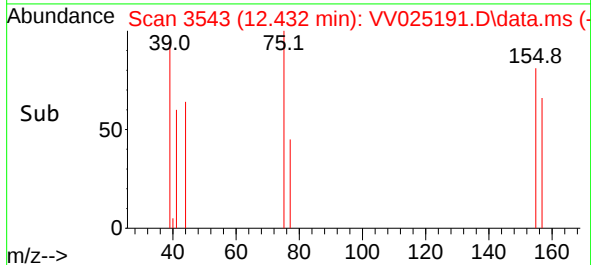
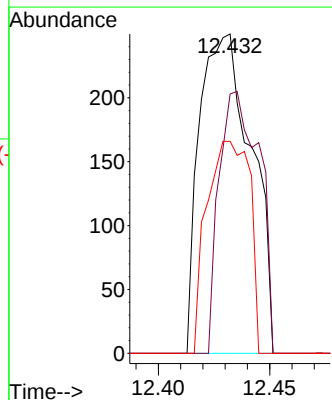
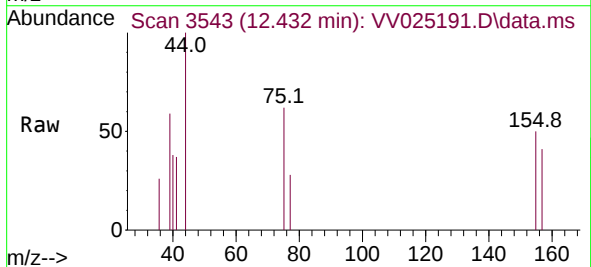
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

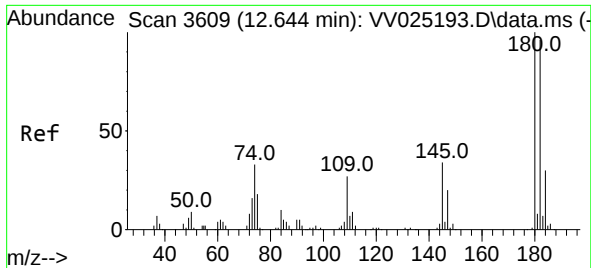
Tgt Ion:	146	Resp:	9719
Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.9	51.9
148	59.1	45.6	84.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.420 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.006 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion:	75	Resp:	405
Ion	Ratio	Lower	Upper
75	100		
155	81.2	80.0	120.0
157	66.4	94.5	141.7#

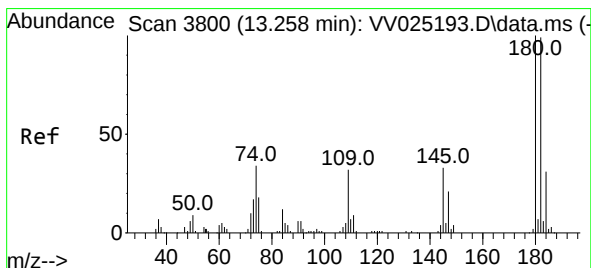
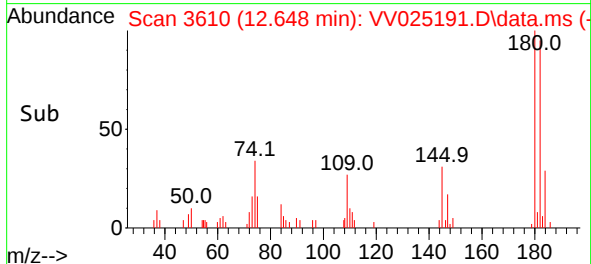
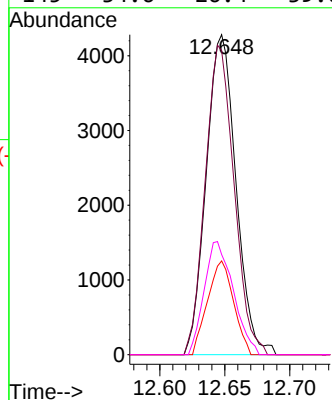
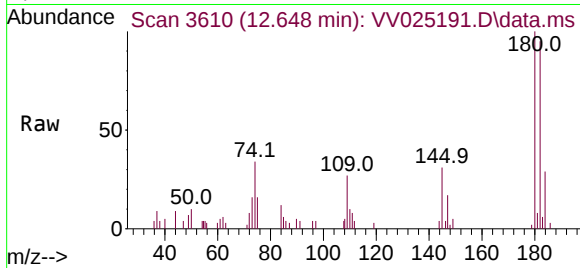




#69
 1,3,5-Trichlorobenzene
 Concen: 0.435 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

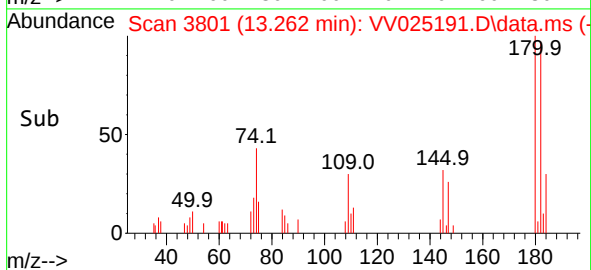
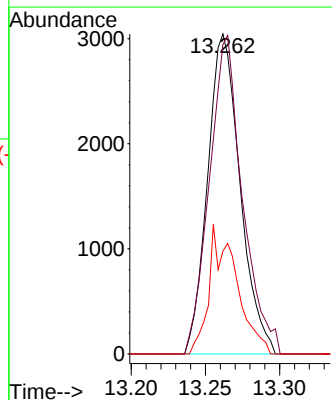
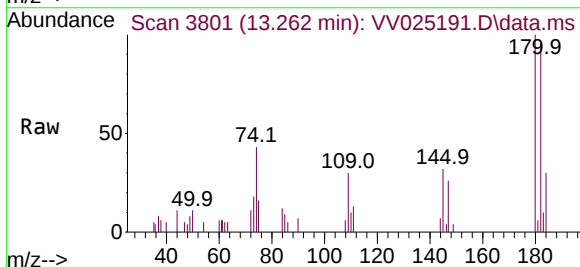
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

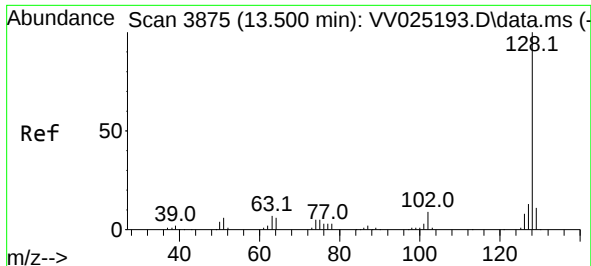
Tgt Ion:180	Resp:	6814
Ion	Ratio	Lower Upper
180	100	
182	93.7	77.1 115.7
184	25.6	23.6 35.4
145	34.6	26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.382 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025191.D
 Acq: 26 Mar 2022 11:58

Tgt Ion:180	Resp:	4629
Ion	Ratio	Lower Upper
180	100	
182	101.2	77.5 116.3
145	34.4	26.2 39.4

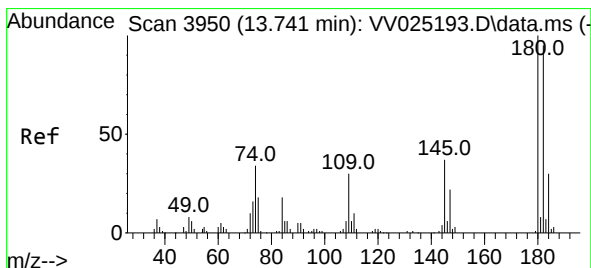
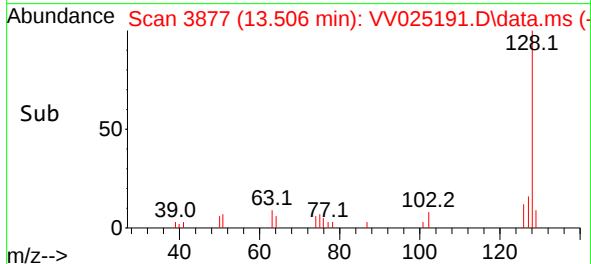
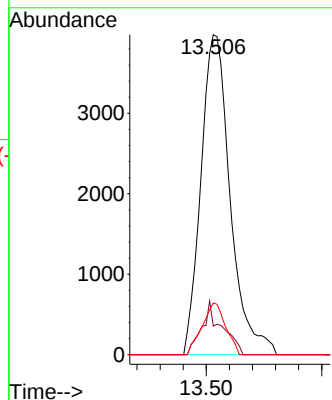
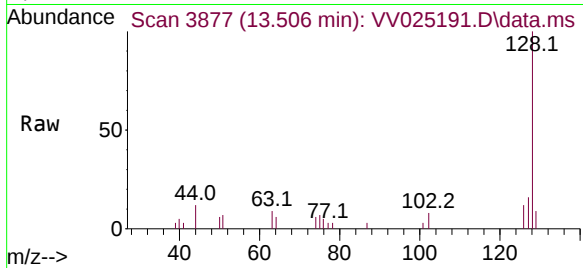




#71
Naphthalene
Concen: 0.351 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5225

Tgt Ion:128 Resp: 6996
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.433 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025191.D
Acq: 26 Mar 2022 11:58

Tgt Ion:180 Resp: 4455
Ion Ratio Lower Upper
180 100
182 90.2 75.8 113.6
145 31.1 28.6 42.8

