

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025194.D
 Acq On : 26 Mar 2022 13:08
 Operator : SY/MD
 Sample : VSTD01028
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010228

Quant Time: Mar 28 01:06:04 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	5.619	114	160808	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	152565	11.502	ug/L	0.00
7) Chloroethane-d5	1.568	69	126725	12.629	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	338145	14.816	ug/L	0.00
20) 2-Butanone-d5	3.909	46	161935	105.443	ug/L	0.00
24) Chloroform-d	4.349	84	205335	9.799	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	88532	9.947	ug/L	0.00
32) Benzene-d6	5.050	84	405360	9.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	112002	9.024	ug/L	0.00
41) Toluene-d8	7.314	98	392187	9.903	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	42258	9.957	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	152006	103.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75210	10.169	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	129017	9.720	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	161890	10.956	ug/L	99
3) Chloromethane	1.240	50	191065	13.033	ug/L	99
5) Vinyl chloride	1.311	62	213417	13.645	ug/L	98
6) Bromomethane	1.523	94	129245	13.092	ug/L	100
8) Chloroethane	1.584	64	134298	13.976	ug/L	98
9) Trichlorofluoromethane	1.754	101	293267	13.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	174911	14.978	ug/L	99
12) 1,1-Dichloroethene	2.118	96	171429	14.887	ug/L	94
13) Acetone	2.211	43	102103	97.376	ug/L	76
14) Carbon disulfide	2.294	76	360904	9.884	ug/L	98
15) Methyl Acetate	2.446	43	27916	9.883	ug/L	92
16) Methylene chloride	2.507	84	114274	9.139	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	214592	9.676	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	119886	9.728	ug/L	99
19) 1,1-Dichloroethane	3.191	63	197298	9.428	ug/L	98
21) 2-Butanone	3.992	43	169110	105.097	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	122151	9.873	ug/L	96
23) Bromochloromethane	4.249	128	51299	10.253	ug/L	96
25) Chloroform	4.375	83	220295	9.995	ug/L	100
27) 1,2-Dichloroethane	5.130	62	110092	9.945	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	192470	9.955	ug/L	99
30) Cyclohexane	4.677	56	179171	9.707	ug/L	99
31) Carbon tetrachloride	4.828	117	168566	10.143	ug/L	100
33) Benzene	5.098	78	471400	9.642	ug/L	100
34) Trichloroethene	5.912	95	126001	9.689	ug/L	98
35) Methylcyclohexane	6.130	83	206596	10.095	ug/L	99
37) 1,2-Dichloropropane	6.172	63	106643	9.524	ug/L	99
38) Bromodichloromethane	6.510	83	137943	9.721	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	150483	9.796	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	467154	102.709	ug/L	99
42) Toluene	7.387	91	519544	10.104	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	123643	10.285	ug/L	97

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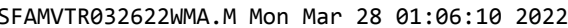
Quant Time: Mar 28 01:06:04 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
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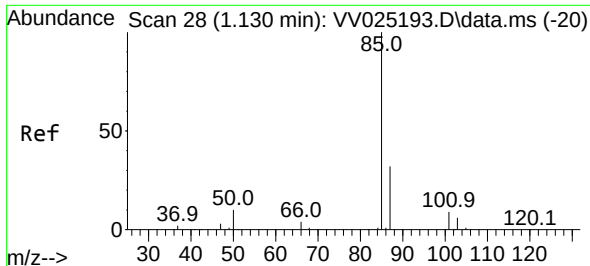
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	76286	10.132	ug/L	98
47) Tetrachloroethene	7.973	164	95586	10.219	ug/L	98
48) 2-Hexanone	8.140	43	328061	100.896	ug/L	99
49) Dibromochloromethane	8.246	129	83979	10.071	ug/L	96
50) 1,2-Dibromoethane	8.352	107	69483	10.070	ug/L	99
51) Chlorobenzene	8.879	112	324869	10.057	ug/L	99
52) Ethylbenzene	9.011	91	558434	10.288	ug/L	100
53) m,p-Xylene	9.137	106	221394	10.598	ug/L	97
54) o-Xylene	9.542	106	213358	10.643	ug/L	95
55) Styrene	9.558	104	356564	10.896	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	77041	10.385	ug/L	99
59) Bromoform	9.731	173	35649	8.767	ug/L	97
60) Isopropylbenzene	9.931	105	566196	9.672	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	58316	8.870	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	254254	9.650	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	473604	10.112	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	251380	9.776	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	253044	9.749	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	223729	9.776	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	11326	10.069	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.644	180	183321	10.046	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	144584	10.232	ug/L	98
71) Naphthalene	13.500	128	229231	9.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	121926	10.168	ug/L	99

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

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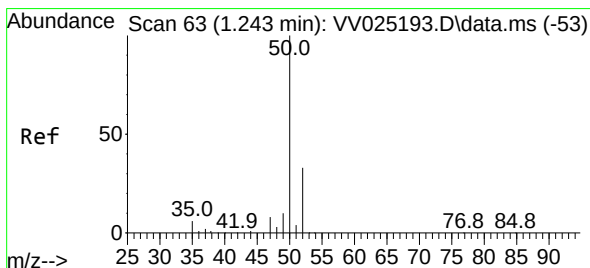
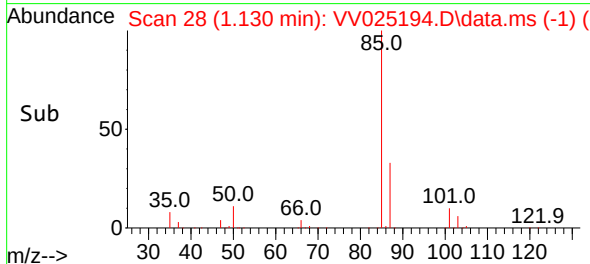
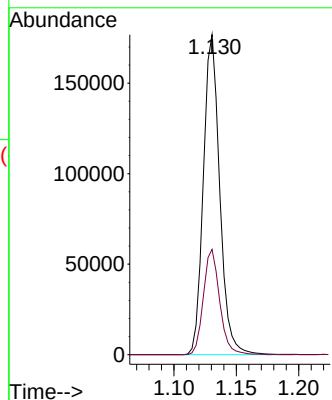
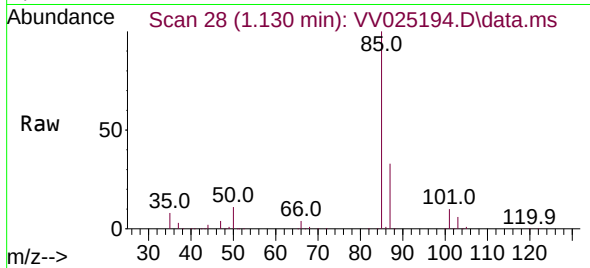




#2
 Dichlorodifluoromethane
 Concen: 10.956 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

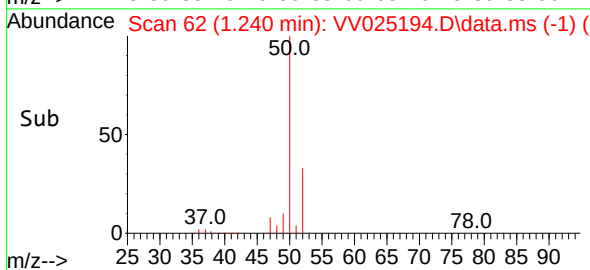
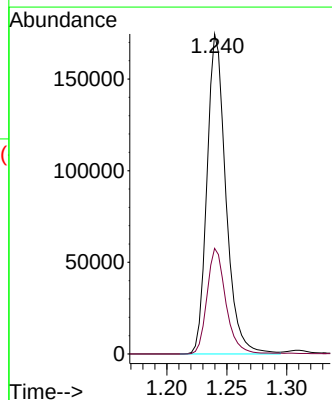
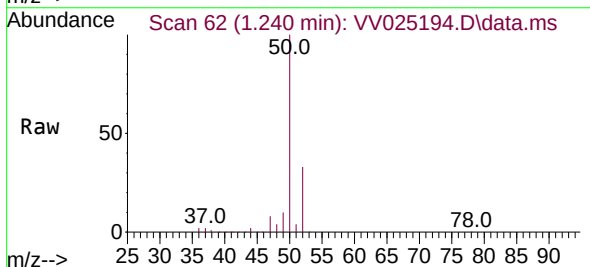
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010228

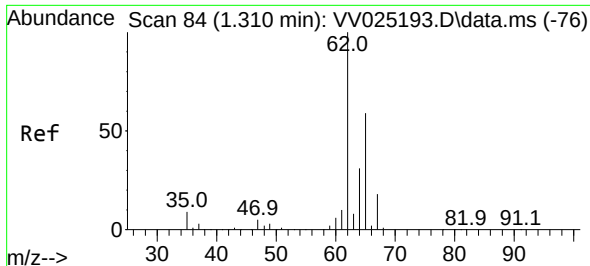
Tgt Ion: 85 Resp: 161890
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 13.033 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

Tgt Ion: 50 Resp: 191065
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

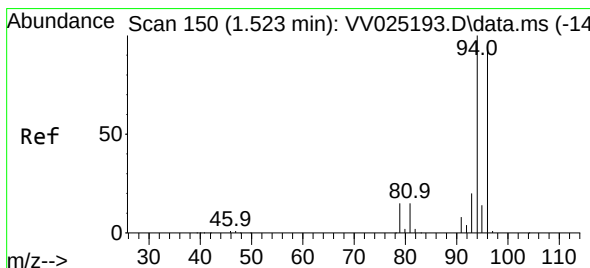
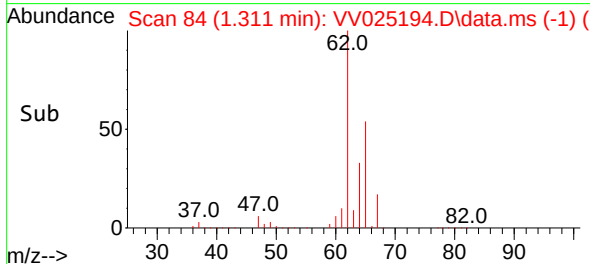
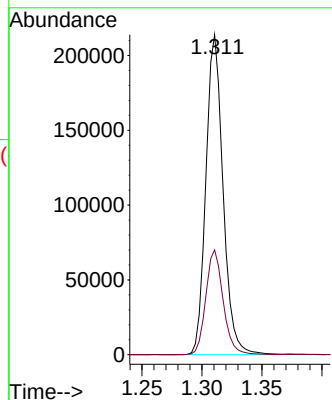
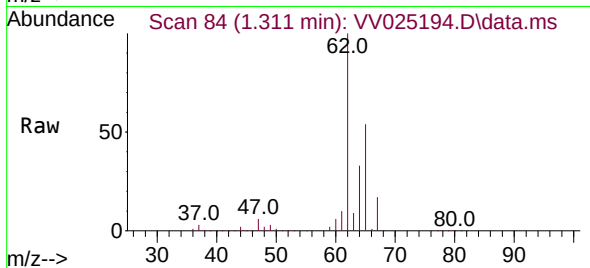




#5
 Vinyl chloride
 Concen: 13.645 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

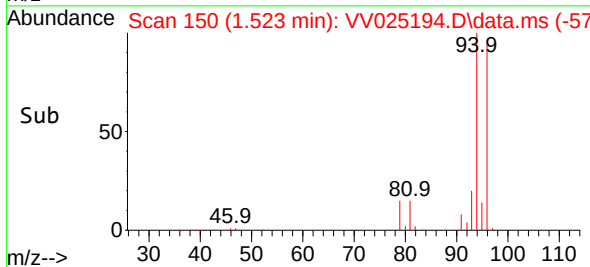
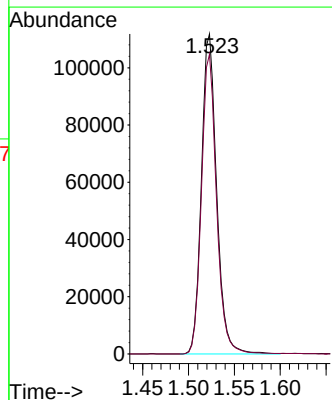
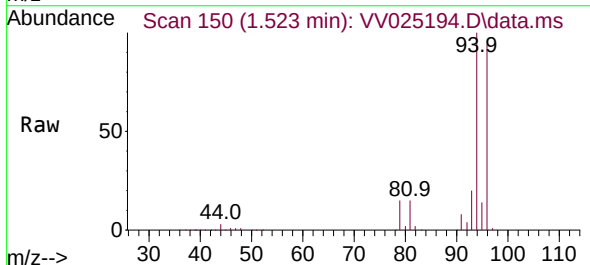
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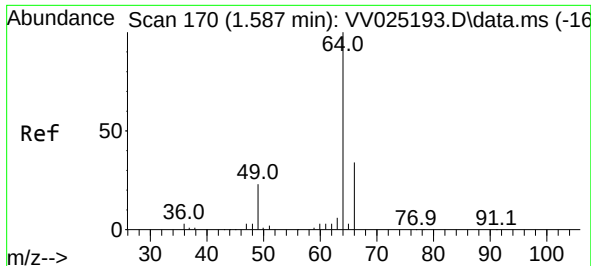
Tgt Ion: 62 Resp: 213417
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.0 40.8



#6
 Bromomethane
 Concen: 13.092 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

Tgt Ion: 94 Resp: 129245
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.5 121.7

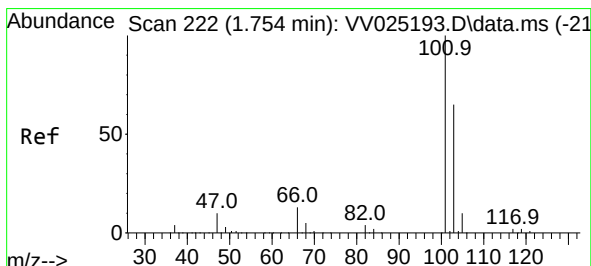
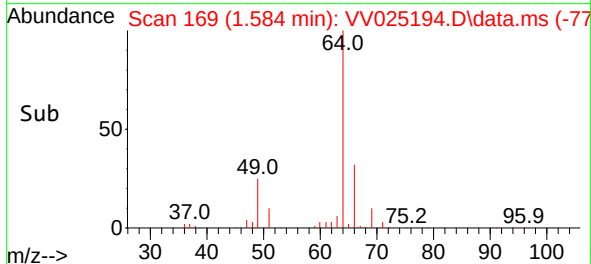
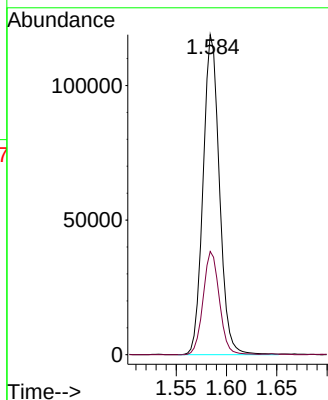
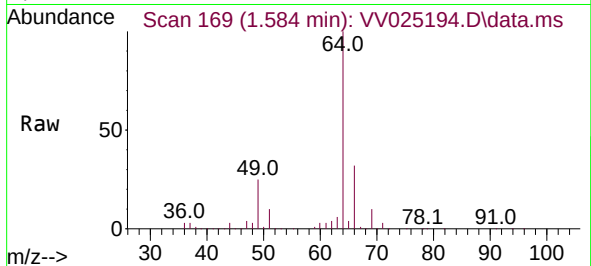




#8
Chloroethane
Concen: 13.976 ug/L
RT: 1.584 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

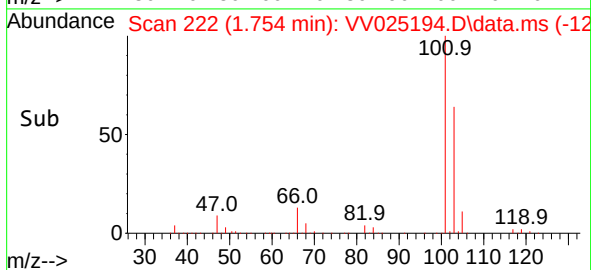
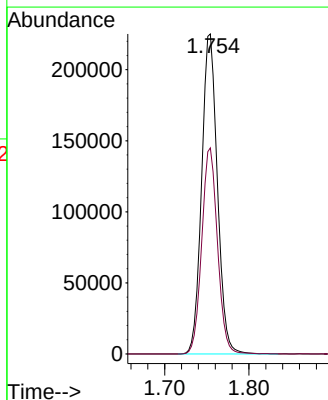
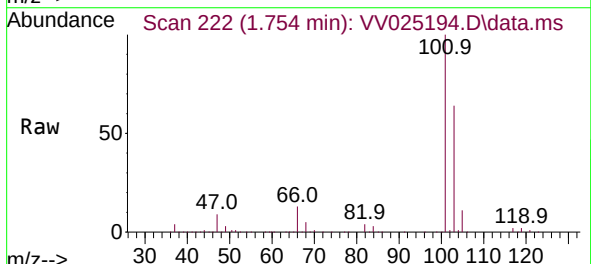
Instrument :
MSVOA_V
ClientSampleId :
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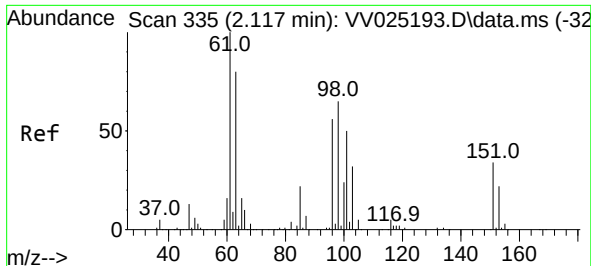
Tgt Ion: 64 Resp: 134298
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 13.702 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 101 Resp: 293267
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

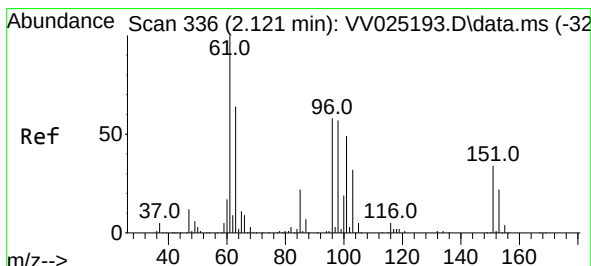
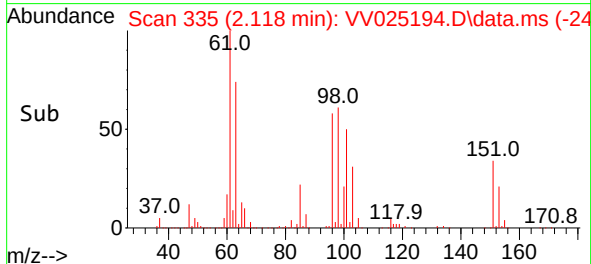
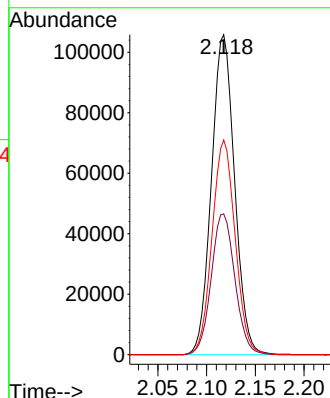
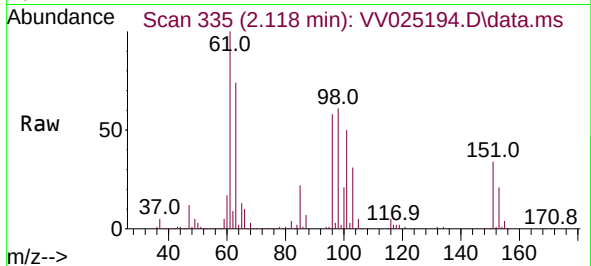




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.978 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

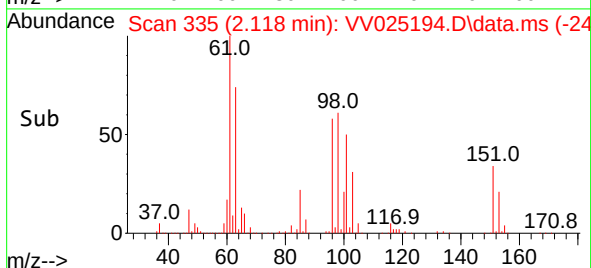
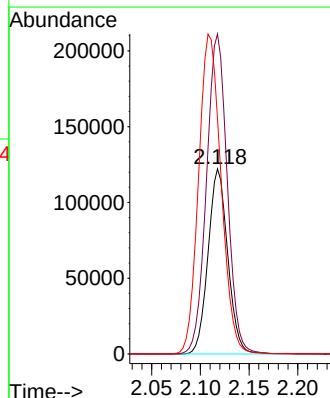
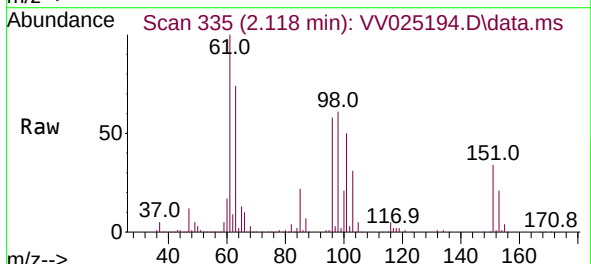
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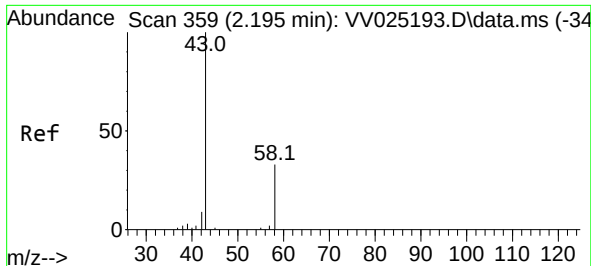
Tgt Ion:101 Resp: 174911
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 67.0 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 14.887 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

Tgt Ion: 96 Resp: 171429
 Ion Ratio Lower Upper
 96 100
 61 172.9 121.5 225.7
 63 127.4 77.9 144.7





#13

Acetone

Concen: 97.376 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

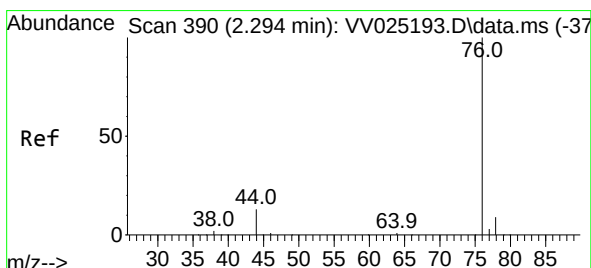
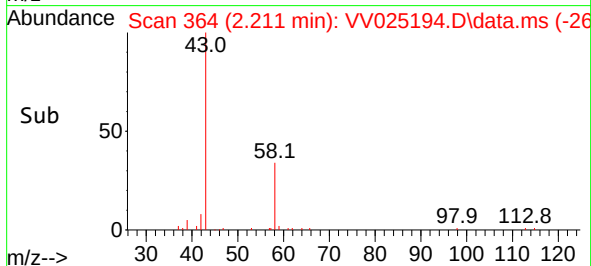
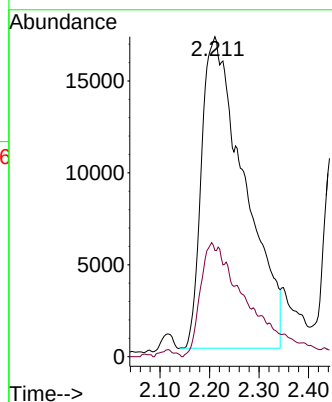
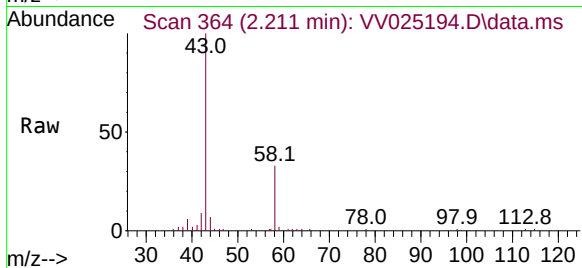
VSTD010228

Tgt Ion: 43 Resp: 102103

Ion Ratio Lower Upper

43 100

58 13.5 0.0 51.2



#14

Carbon disulfide

Concen: 9.884 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025194.D

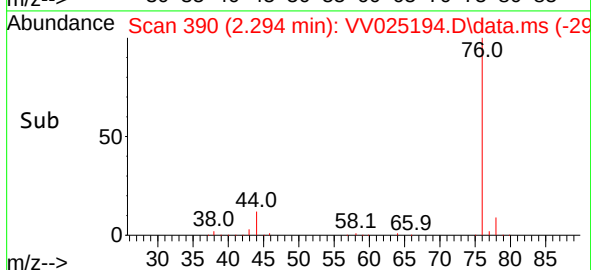
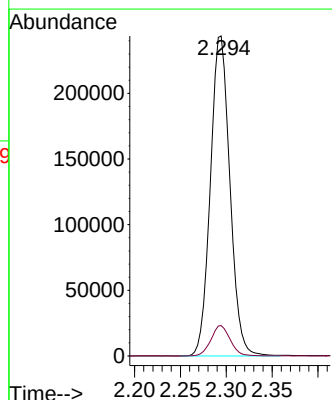
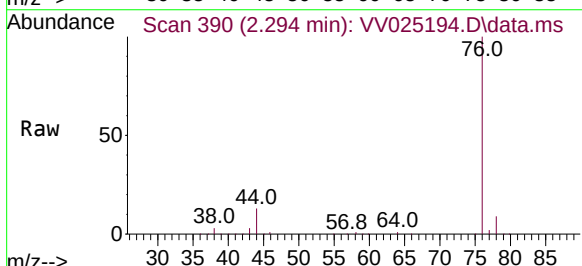
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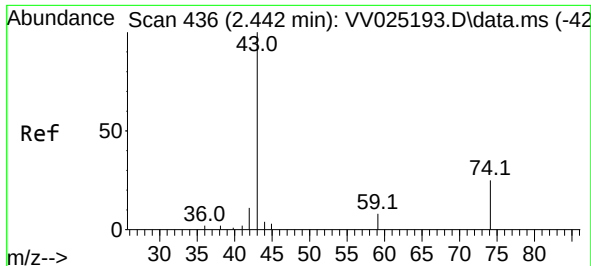
Tgt Ion: 76 Resp: 360904

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4

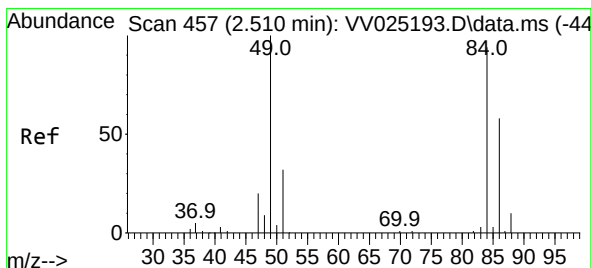
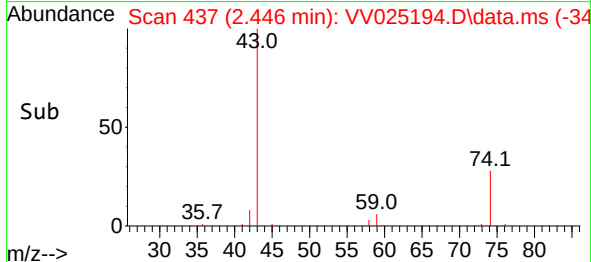
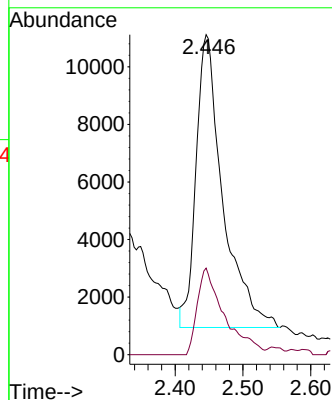
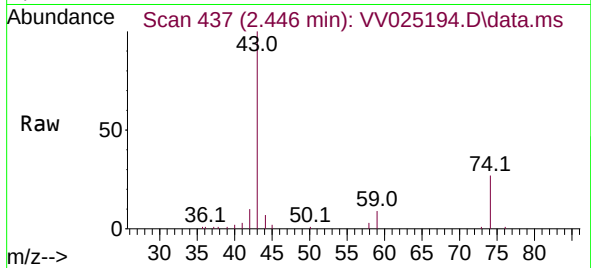




#15
Methyl Acetate
Concen: 9.883 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

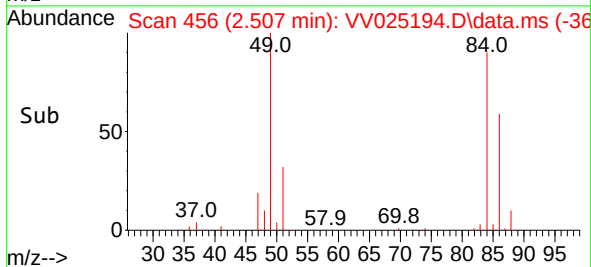
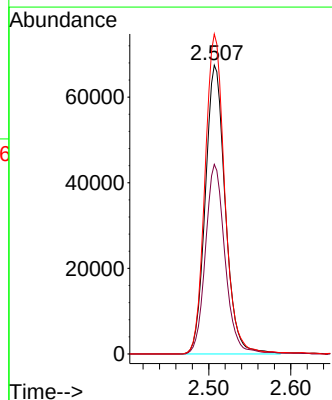
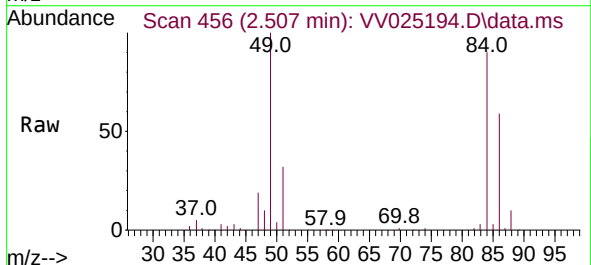
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ClientSampleId :
VSTD010228

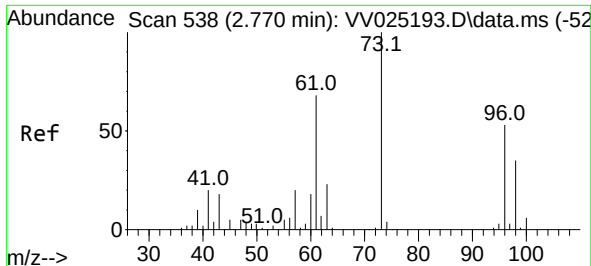
Tgt Ion: 43 Resp: 27916
Ion Ratio Lower Upper
43 100
74 30.0 20.9 31.3



#16
Methylene chloride
Concen: 9.139 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 84 Resp: 114274
Ion Ratio Lower Upper
84 100
86 65.6 43.5 80.7
49 110.8 74.5 138.3

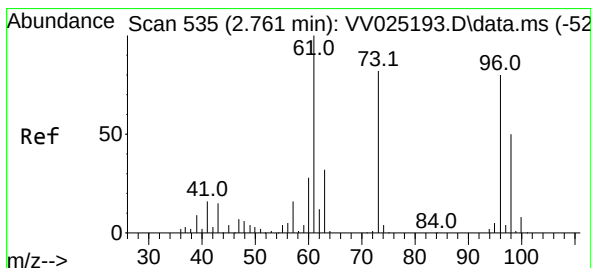
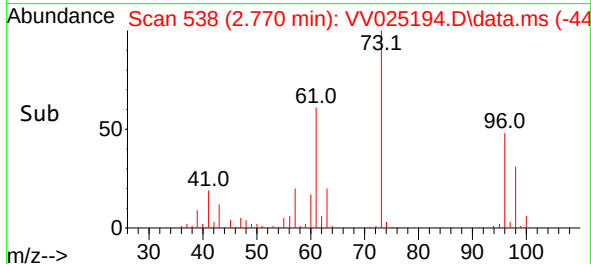
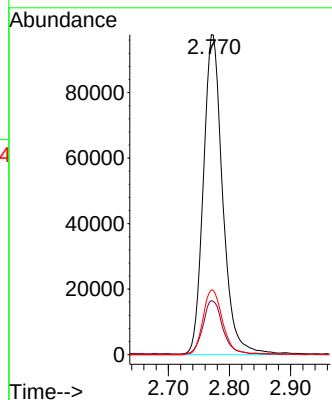
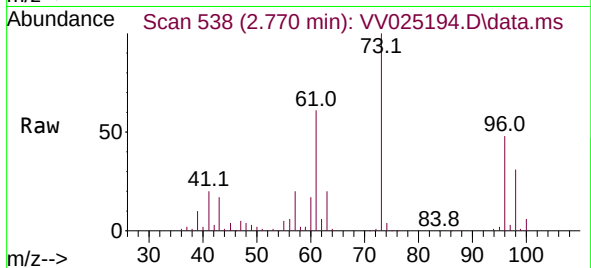




#17
Methyl tert-butyl Ether
Concen: 9.676 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

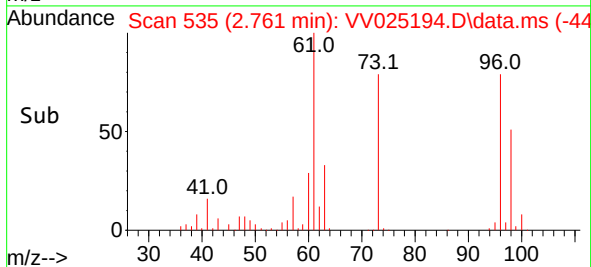
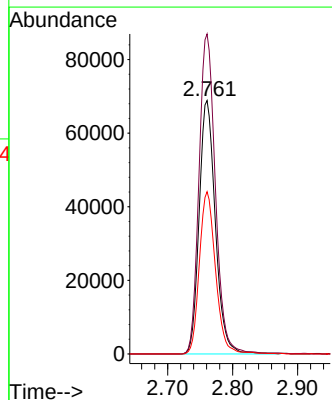
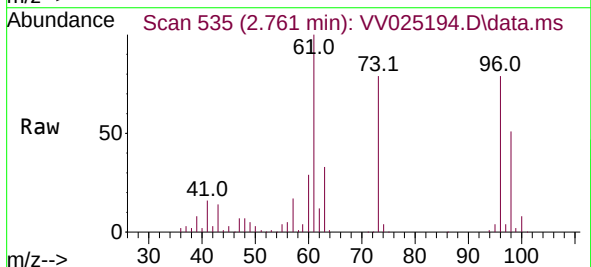
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

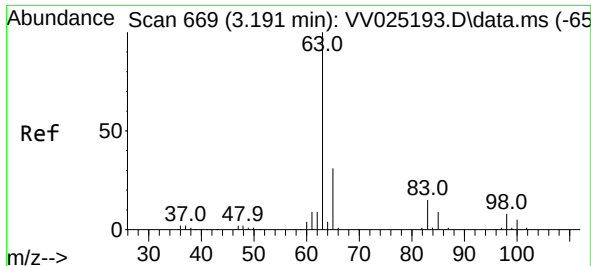
Tgt Ion: 73 Resp: 214592
Ion Ratio Lower Upper
73 100
43 16.7 13.5 20.3
57 20.8 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 9.728 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 96 Resp: 119886
Ion Ratio Lower Upper
96 100
61 126.3 87.6 162.8
98 64.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 9.428 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

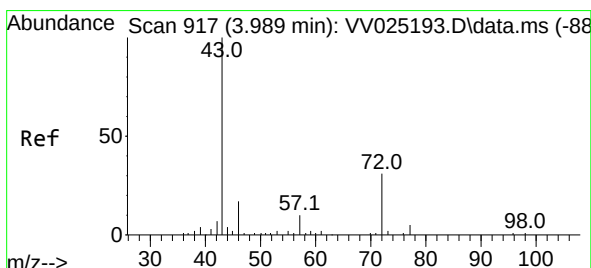
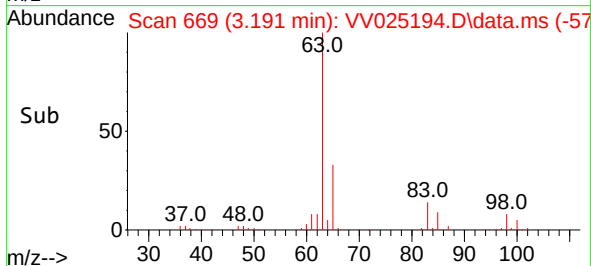
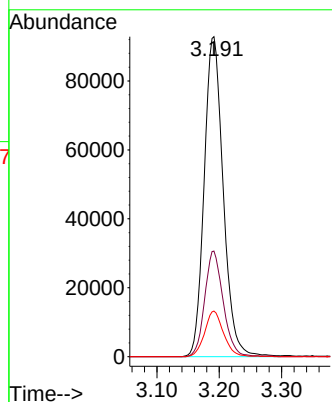
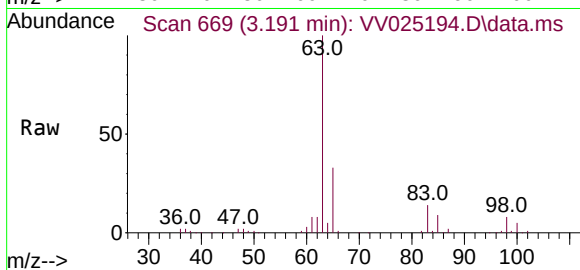
Tgt Ion: 63 Resp: 197298

Ion Ratio Lower Upper

63 100

65 33.0 22.0 40.8

83 14.2 10.2 19.0



#21

2-Butanone

Concen: 105.097 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.003 min

Lab File: VV025194.D

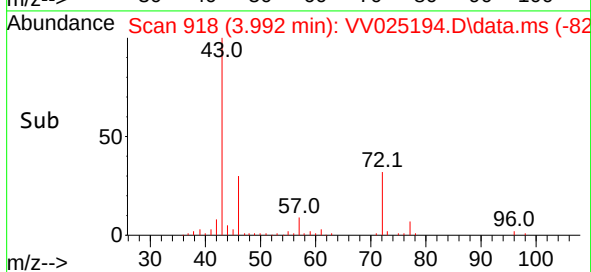
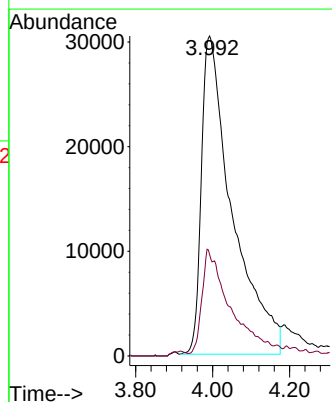
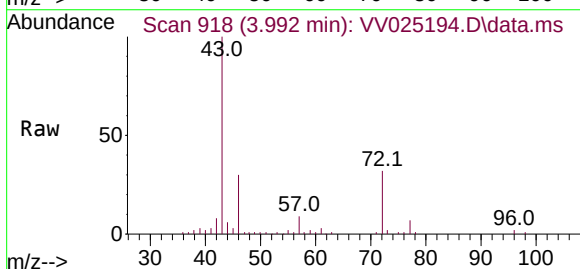
Acq: 26 Mar 2022 13:08

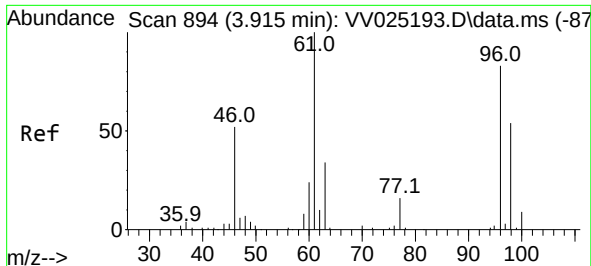
Tgt Ion: 43 Resp: 169110

Ion Ratio Lower Upper

43 100

72 28.7 11.8 35.4





#22

cis-1,2-Dichloroethene

Concen: 9.873 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

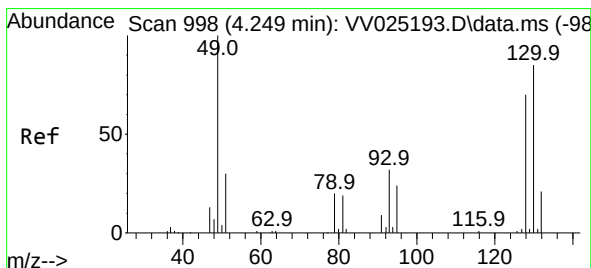
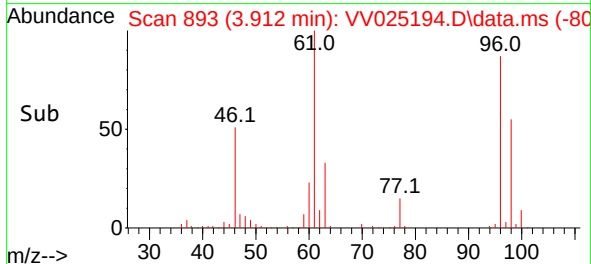
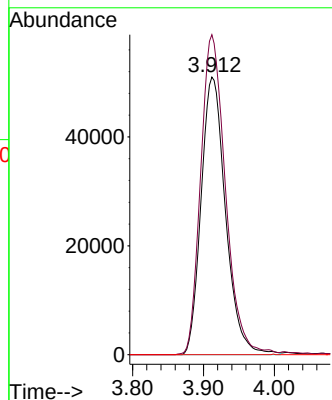
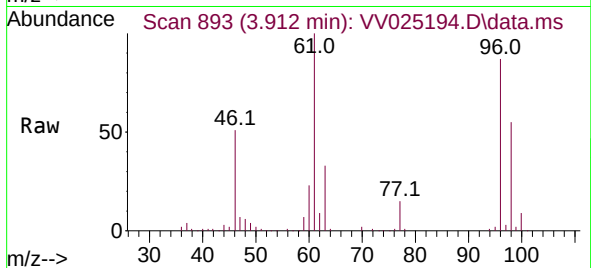
Tgt Ion: 96 Resp: 122151

Ion Ratio Lower Upper

96 100

61 115.3 84.1 156.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 10.253 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Tgt Ion:128 Resp: 51299

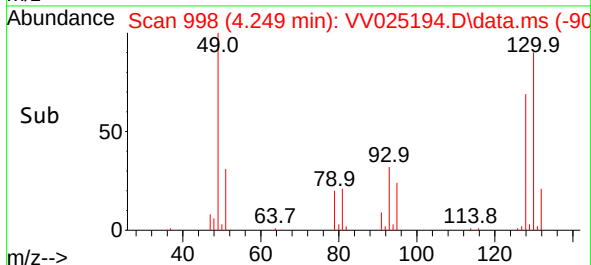
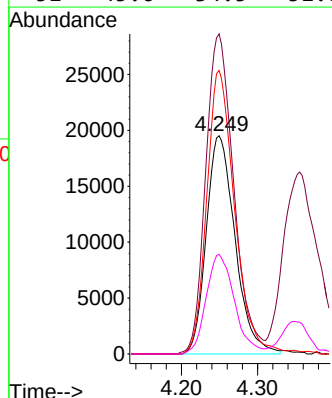
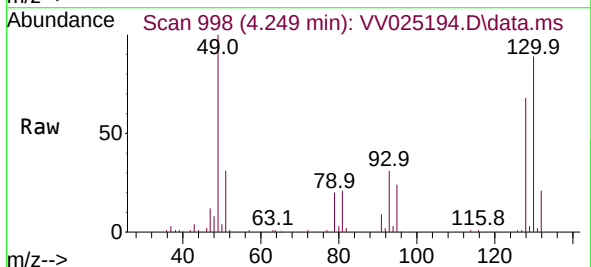
Ion Ratio Lower Upper

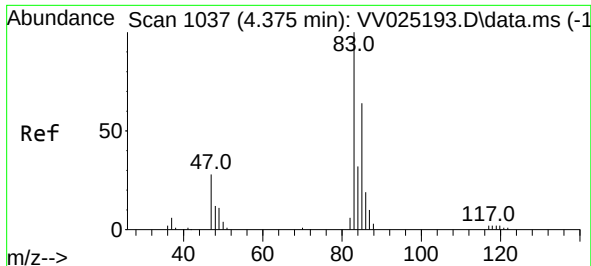
128 100

49 146.6 101.4 188.4

130 130.0 85.0 158.0

51 45.6 34.5 51.7

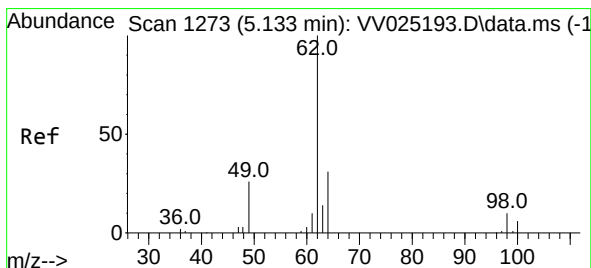
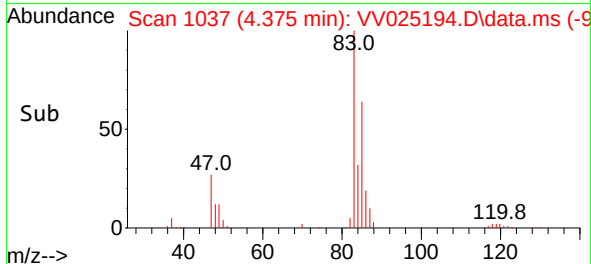
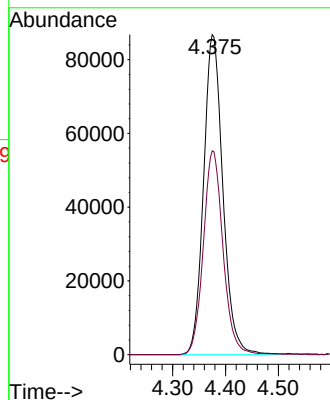
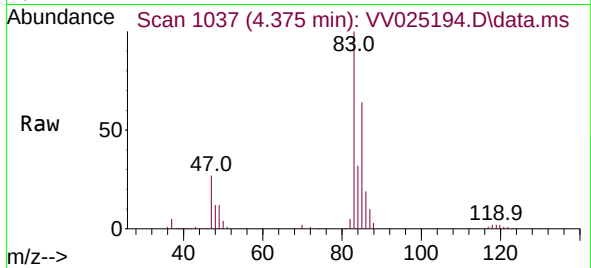




#25
Chloroform
Concen: 9.995 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

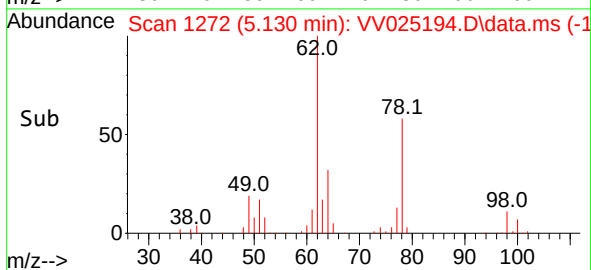
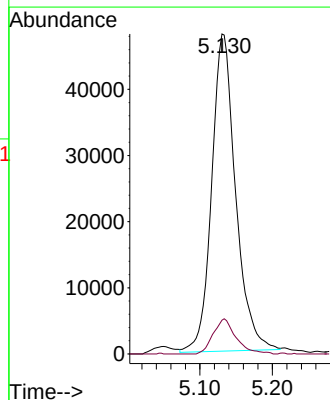
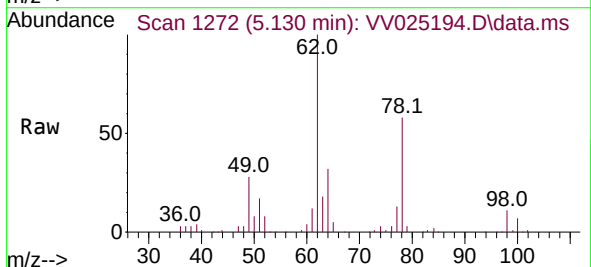
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

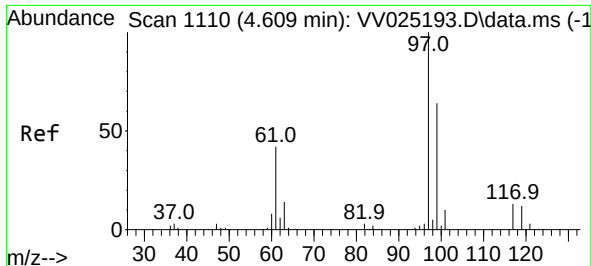
Tgt Ion: 83 Resp: 220295
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 9.945 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 62 Resp: 110092
Ion Ratio Lower Upper
62 100
98 10.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 9.955 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

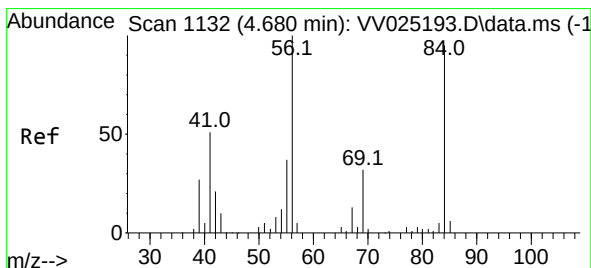
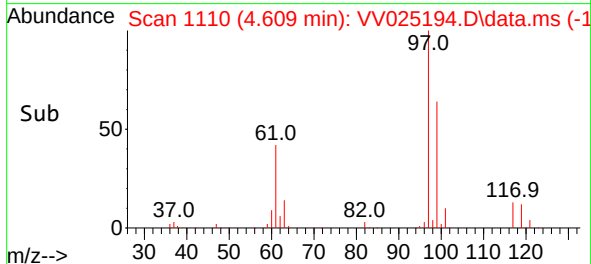
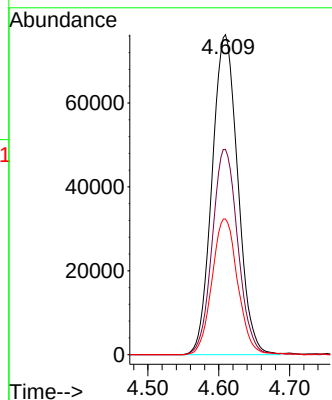
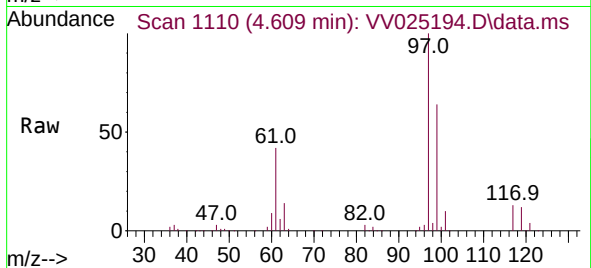
Tgt Ion: 97 Resp: 192470

Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 42.5 34.2 51.2



#30

Cyclohexane

Concen: 9.707 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

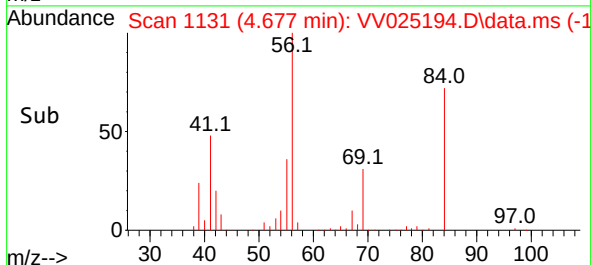
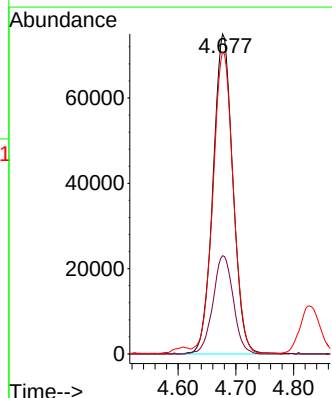
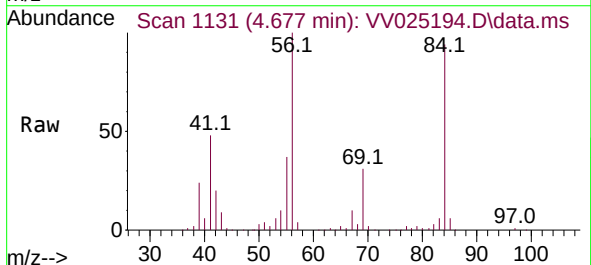
Tgt Ion: 56 Resp: 179171

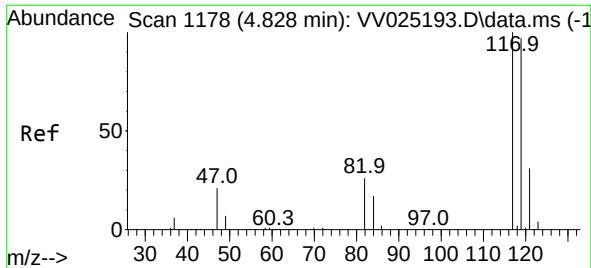
Ion Ratio Lower Upper

56 100

69 31.5 25.3 37.9

84 96.1 78.4 117.6

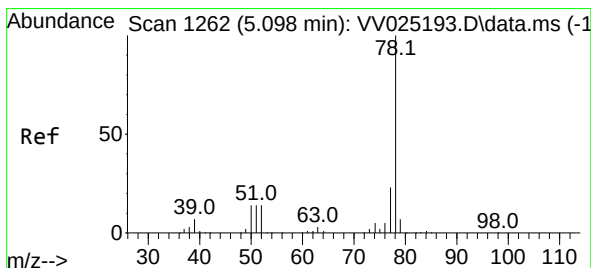
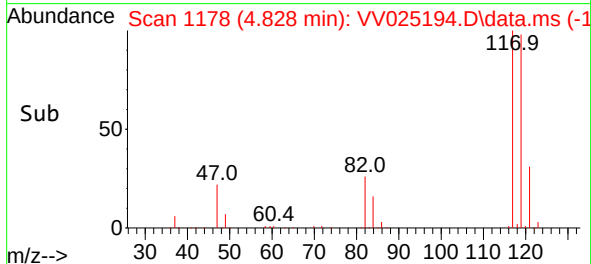
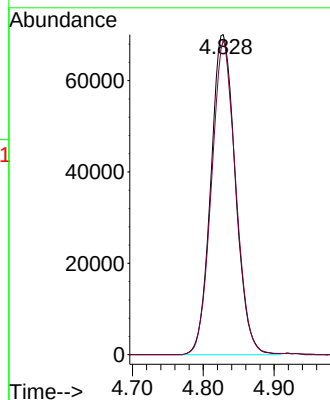
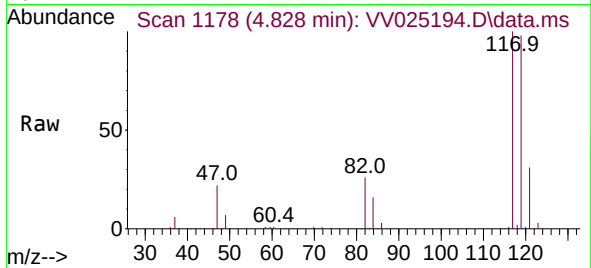




#31
Carbon tetrachloride
Concen: 10.143 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

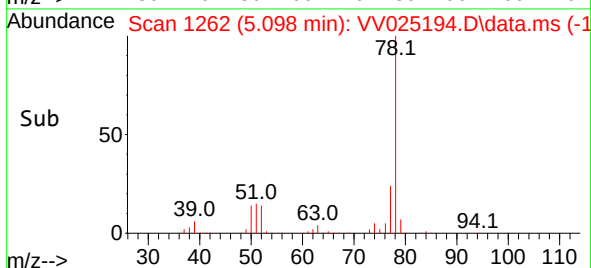
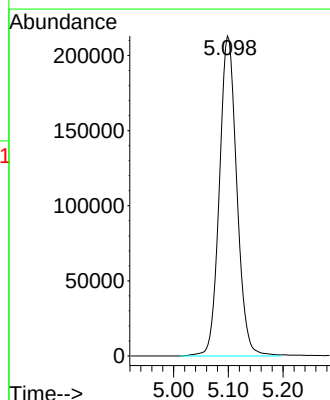
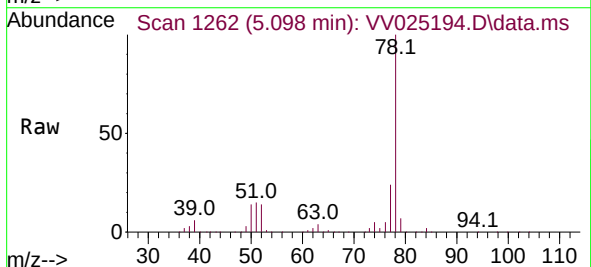
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

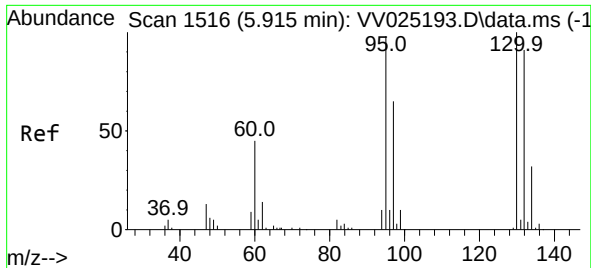
Tgt Ion:117 Resp: 168566
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.6



#33
Benzene
Concen: 9.642 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 78 Resp: 471400

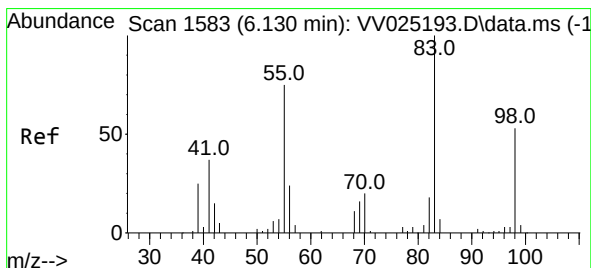
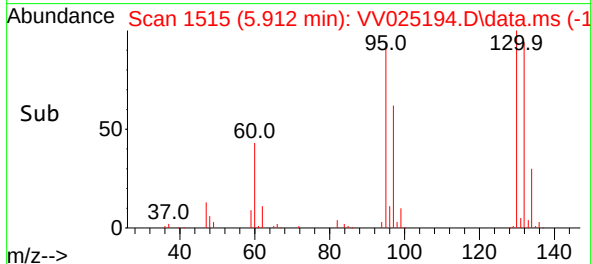
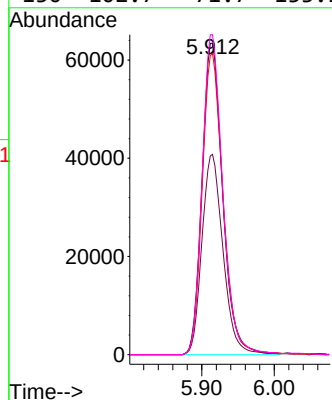
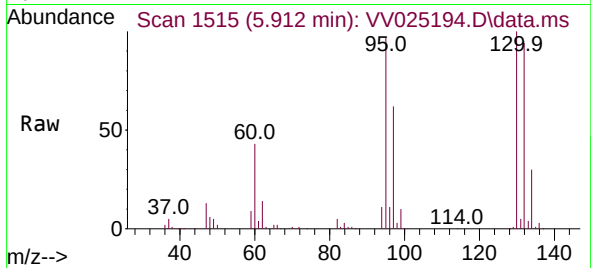




#34
Trichloroethene
Concen: 9.689 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

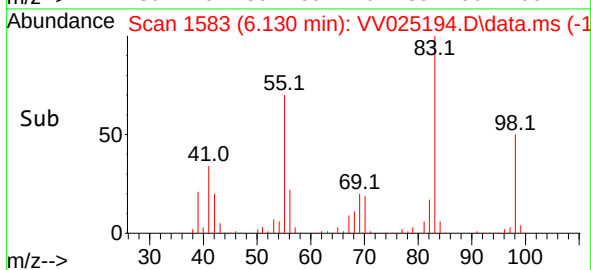
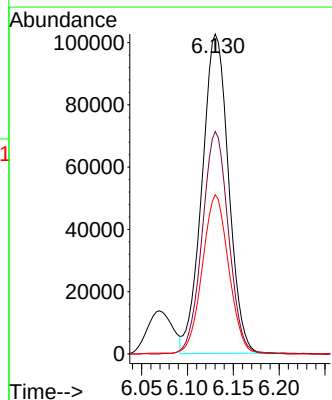
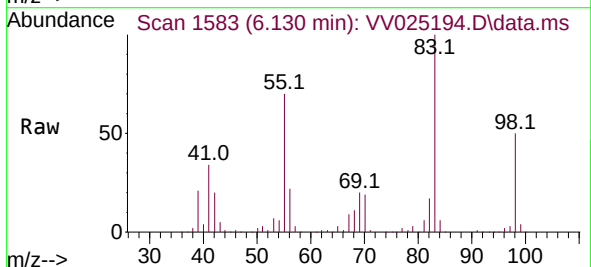
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

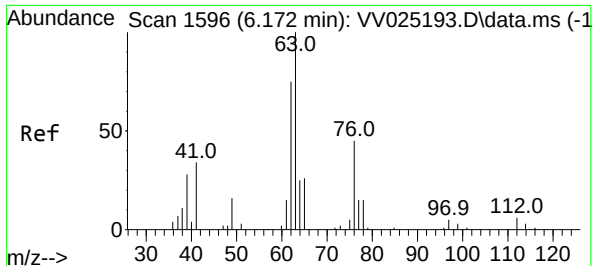
Tgt Ion: 95 Resp: 126001
Ion Ratio Lower Upper
95 100
97 63.8 46.3 85.9
132 96.1 65.2 121.2
130 102.7 71.7 133.1



#35
Methylcyclohexane
Concen: 10.095 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 83 Resp: 206596
Ion Ratio Lower Upper
83 100
55 69.0 54.6 81.8
98 49.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 9.524 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

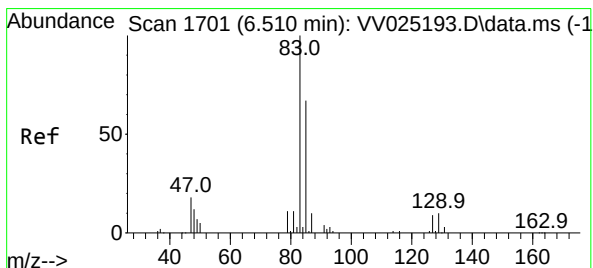
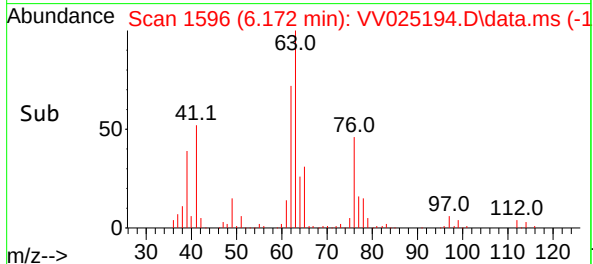
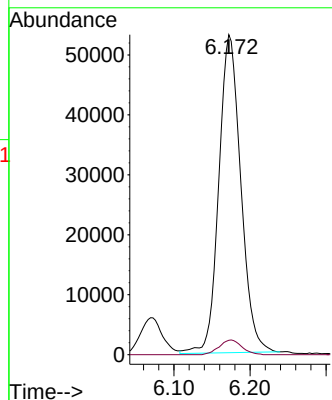
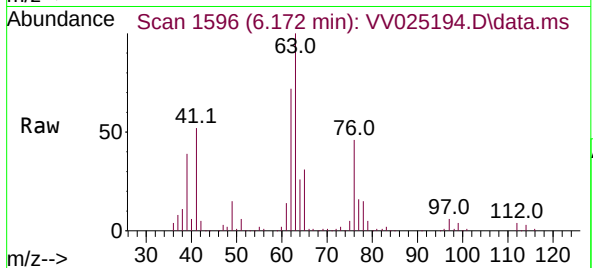
VSTD010228

Tgt Ion: 63 Resp: 106643

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2



#38

Bromodichloromethane

Concen: 9.721 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

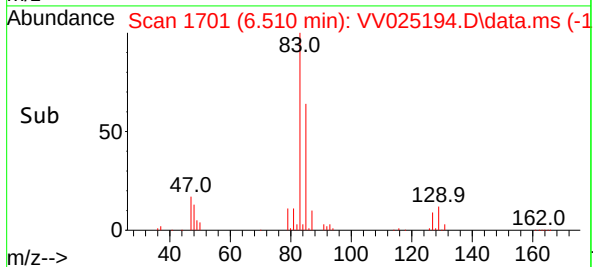
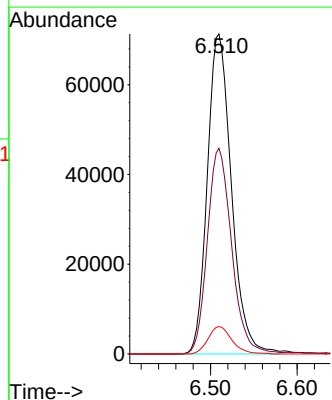
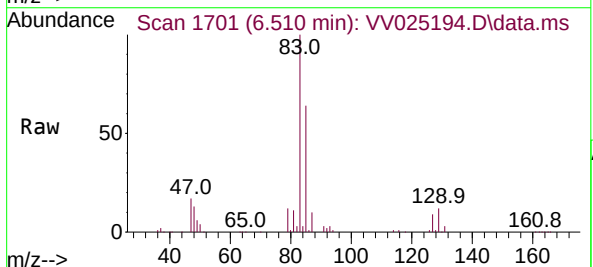
Tgt Ion: 83 Resp: 137943

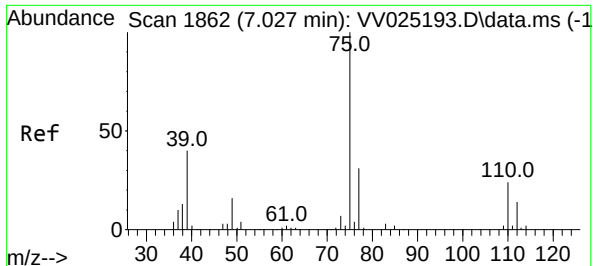
Ion Ratio Lower Upper

83 100

85 64.2 47.2 87.6

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.796 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

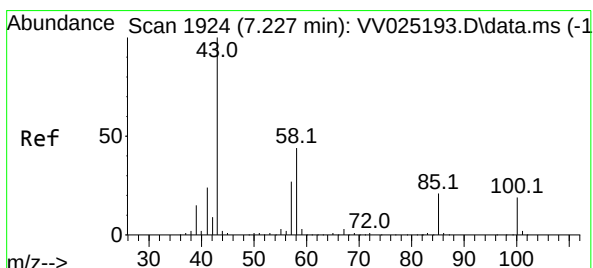
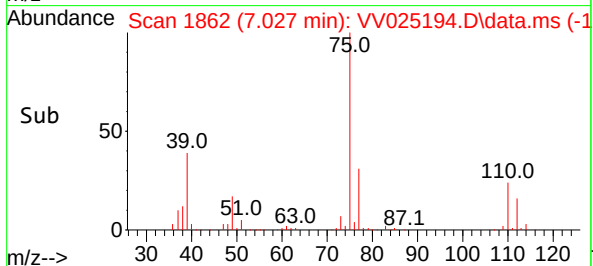
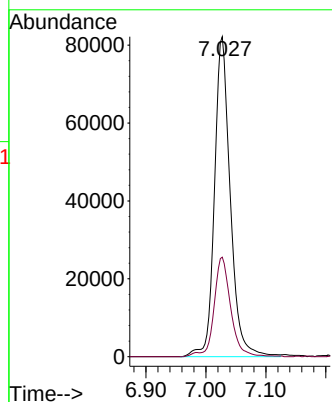
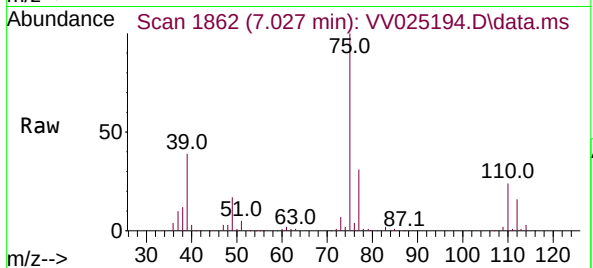
VSTD010228

Tgt Ion: 75 Resp: 150483

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 102.709 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

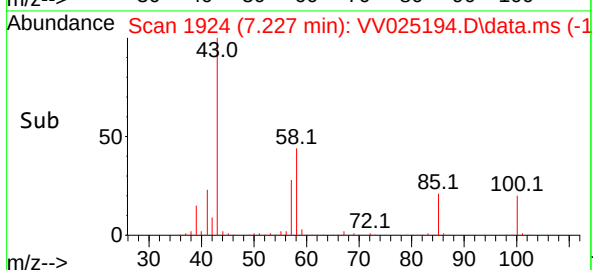
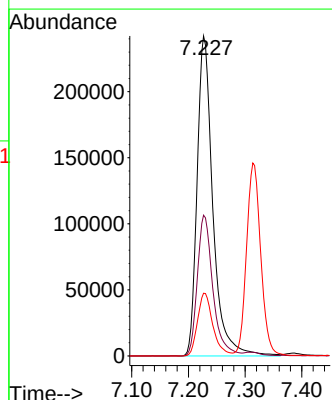
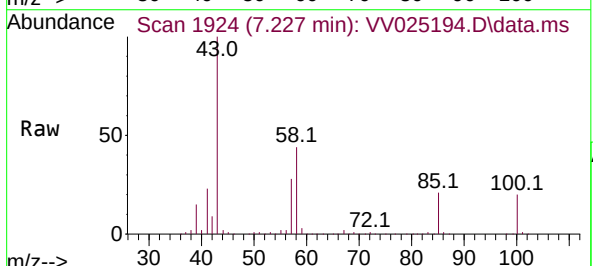
Tgt Ion: 43 Resp: 467154

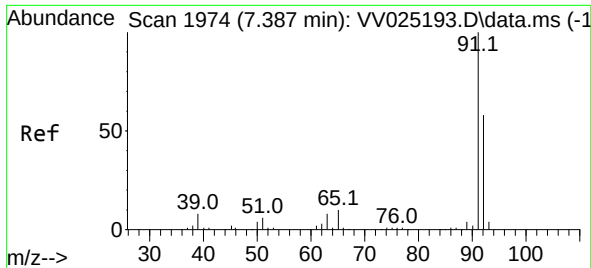
Ion Ratio Lower Upper

43 100

58 43.4 35.1 52.7

100 19.2 15.5 23.3





#42

Toluene

Concen: 10.104 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

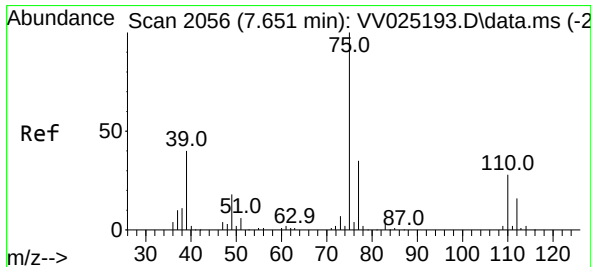
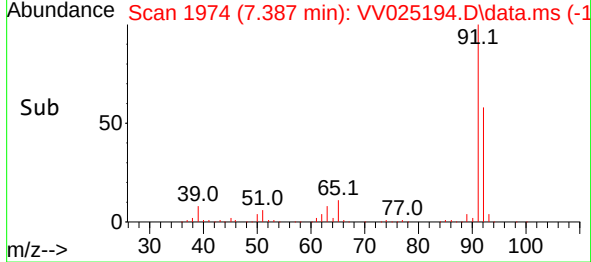
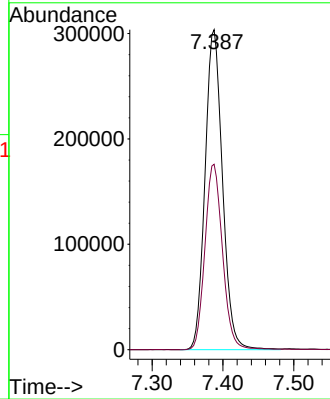
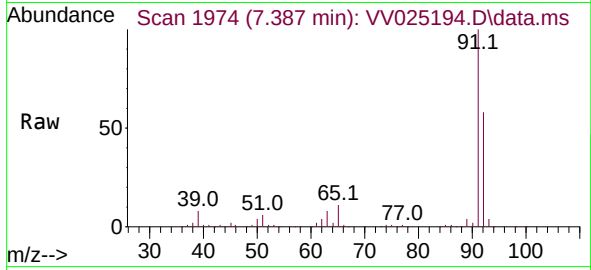
VSTD010228

Tgt Ion: 91 Resp: 519544

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 10.285 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025194.D

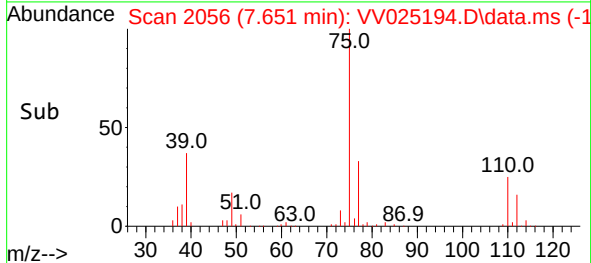
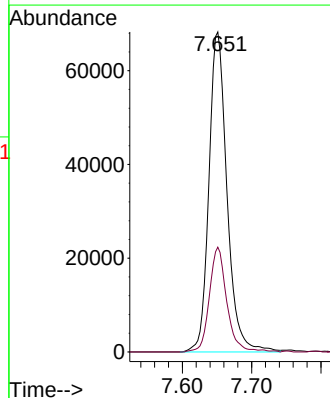
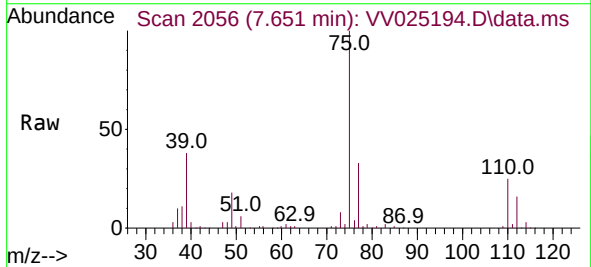
Acq: 26 Mar 2022 13:08

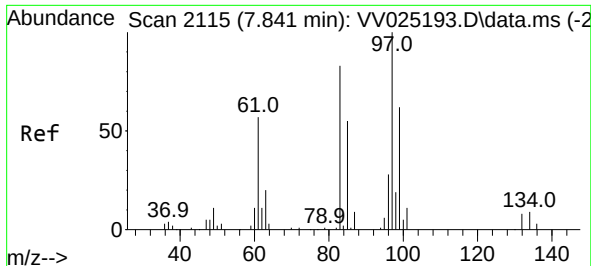
Tgt Ion: 75 Resp: 123643

Ion Ratio Lower Upper

75 100

77 32.8 24.2 45.0

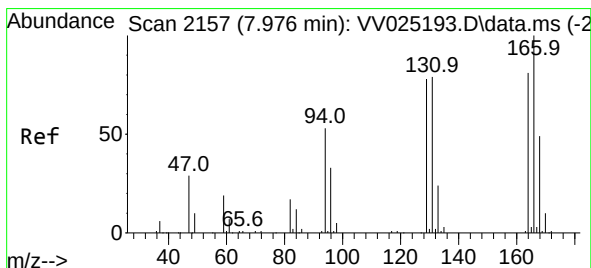
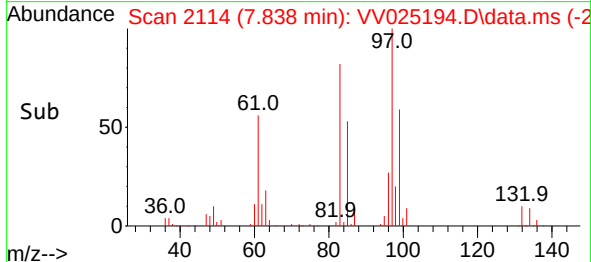
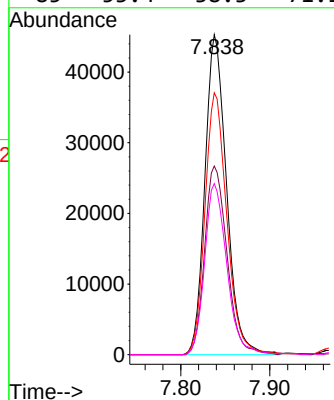
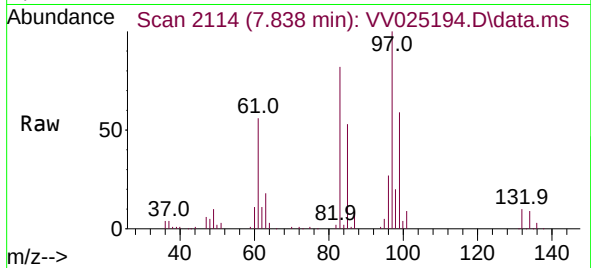




#45
1,1,2-Trichloroethane
Concen: 10.132 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

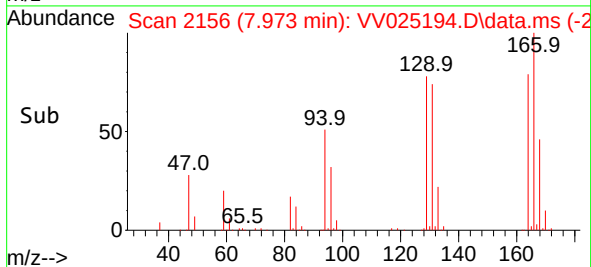
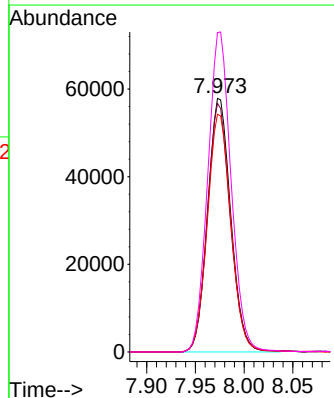
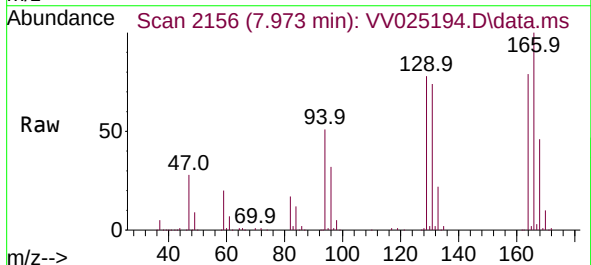
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

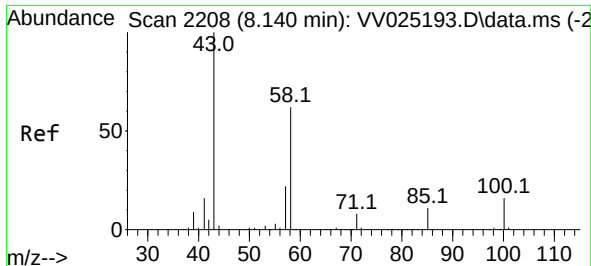
Tgt Ion:	97	Resp:	76286
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.3	80.5
83	81.9	58.0	107.6
85	53.4	38.3	71.1



#47
Tetrachloroethene
Concen: 10.219 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion:	164	Resp:	95586
Ion	Ratio	Lower	Upper
164	100		
129	98.0	67.5	125.4
131	93.8	68.0	126.4
166	125.9	86.2	160.2



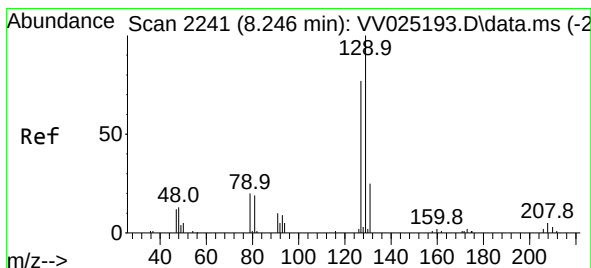
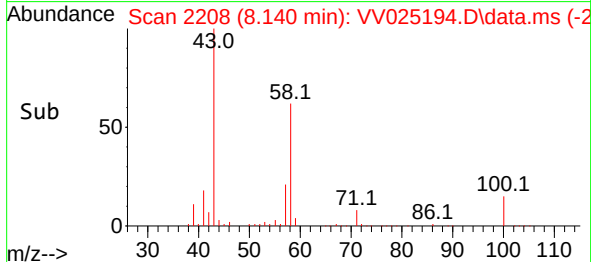
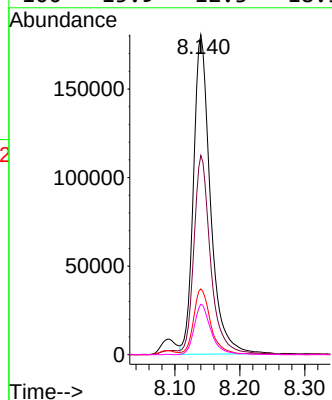
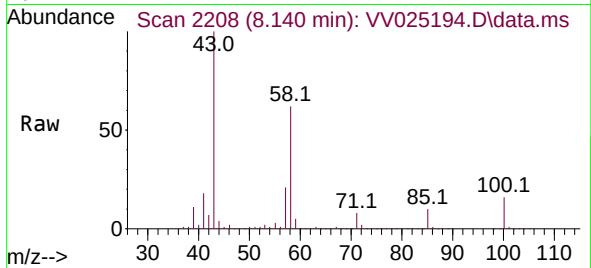


#48
2-Hexanone
Concen: 100.896 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

Tgt Ion: 43 Resp: 328061

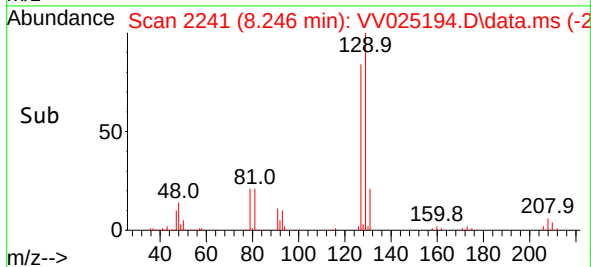
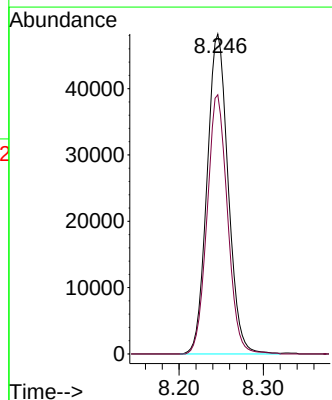
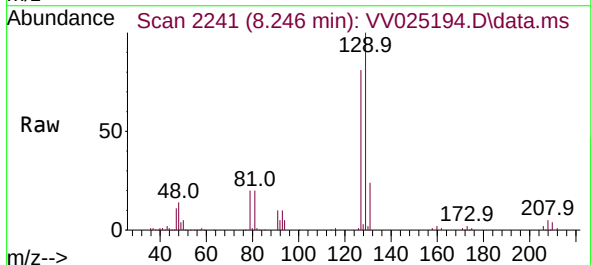
Ion	Ratio	Lower	Upper
43	100		
58	61.8	48.5	72.7
57	20.8	16.9	25.3
100	15.9	12.3	18.5

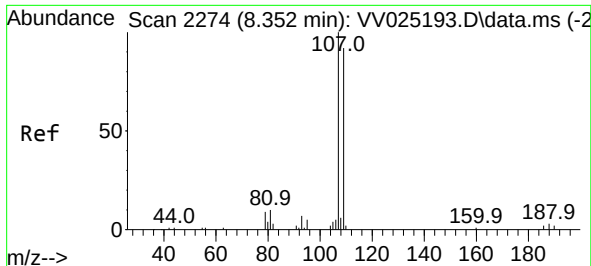


#49
Dibromochloromethane
Concen: 10.071 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 129 Resp: 83979

Ion	Ratio	Lower	Upper
129	100		
127	81.0	54.1	100.5





#50

1,2-Dibromoethane

Concen: 10.070 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

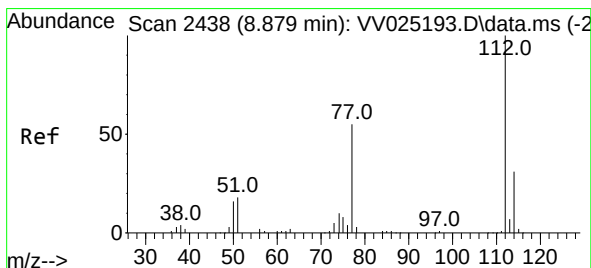
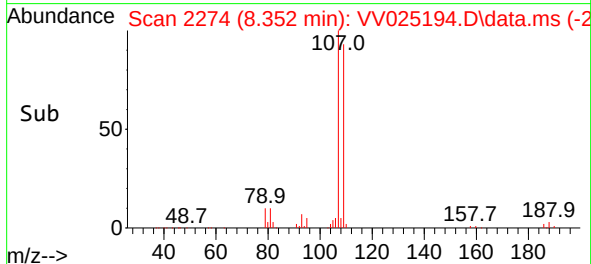
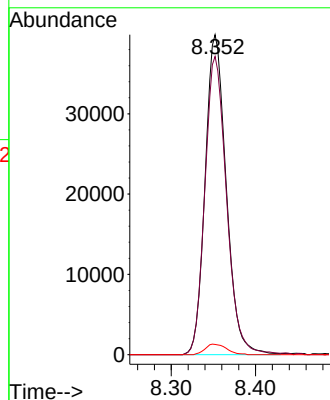
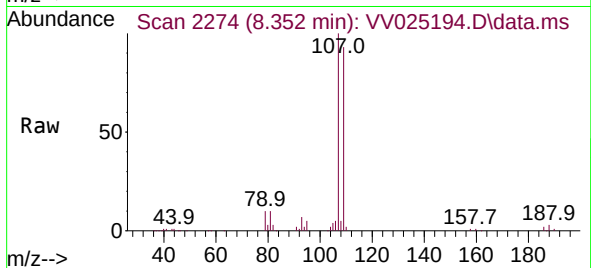
Tgt Ion:107 Resp: 69483

Ion Ratio Lower Upper

107 100

109 93.2 64.7 120.1

188 3.2 2.2 3.4



#51

Chlorobenzene

Concen: 10.057 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

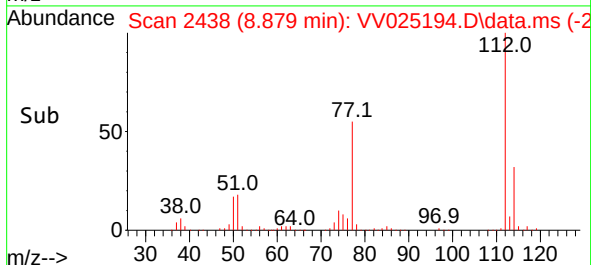
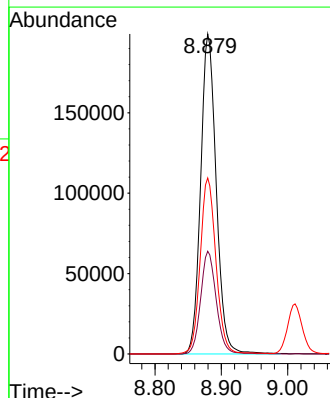
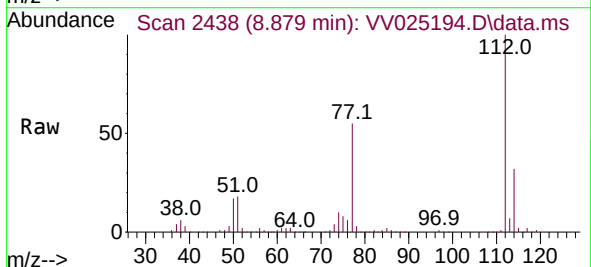
Tgt Ion:112 Resp: 324869

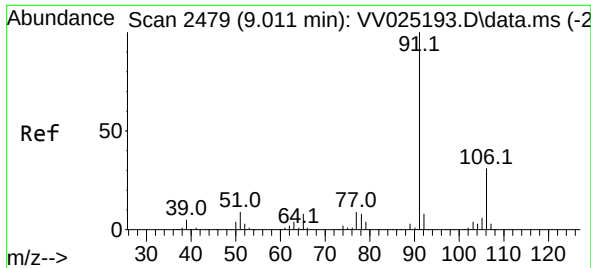
Ion Ratio Lower Upper

112 100

114 32.1 21.9 40.7

77 55.0 44.2 66.4

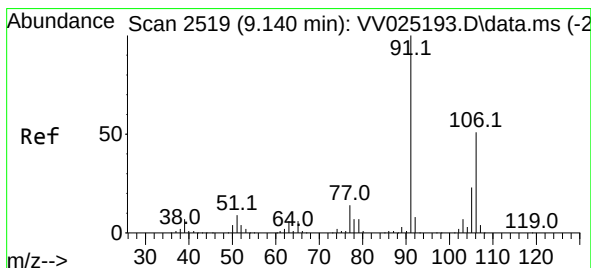
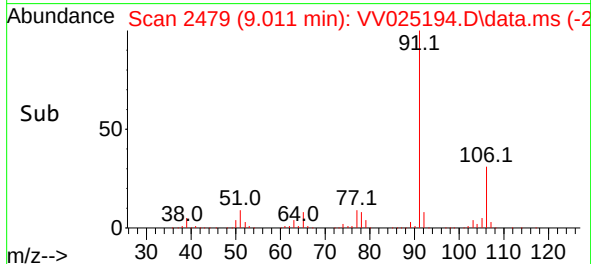
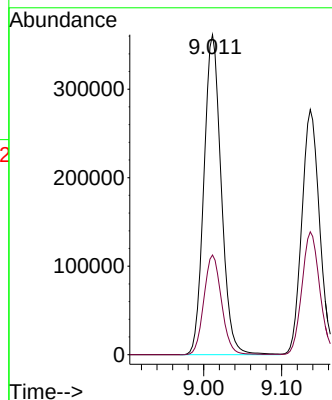
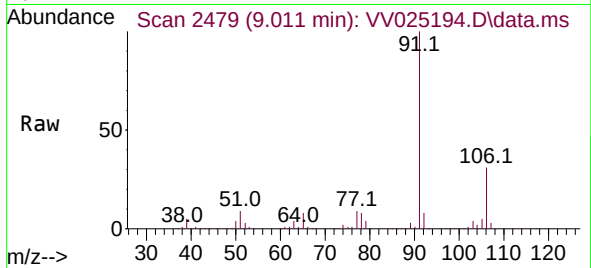




#52
Ethylbenzene
Concen: 10.288 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

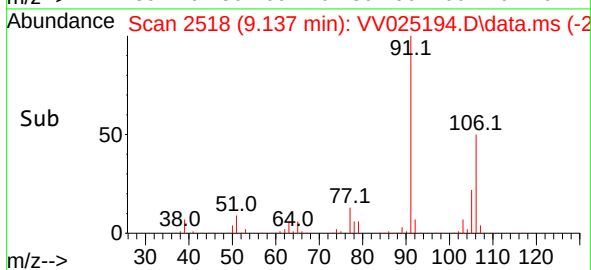
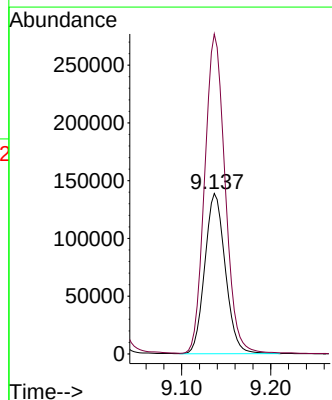
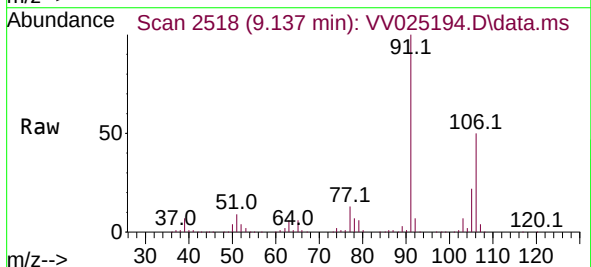
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

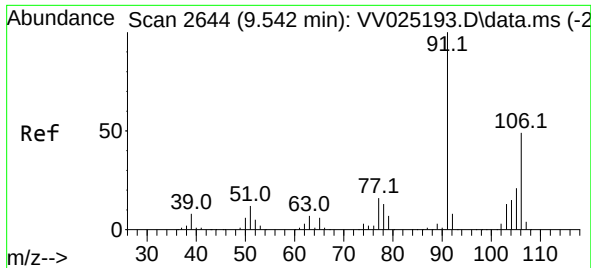
Tgt Ion: 91 Resp: 558434
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#53
m,p-Xylene
Concen: 10.598 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 106 Resp: 221394
Ion Ratio Lower Upper
106 100
91 199.4 136.8 254.0

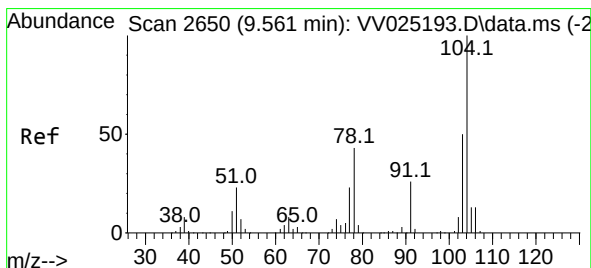
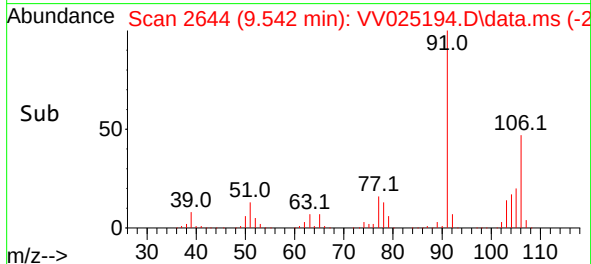
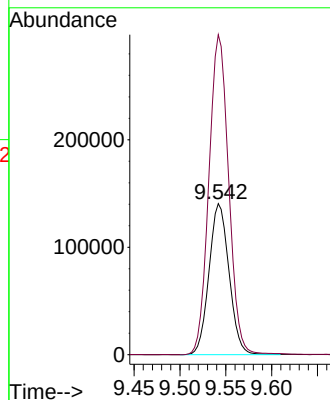
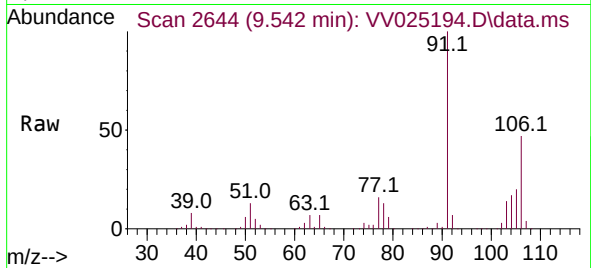




#54
o-Xylene
Concen: 10.643 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

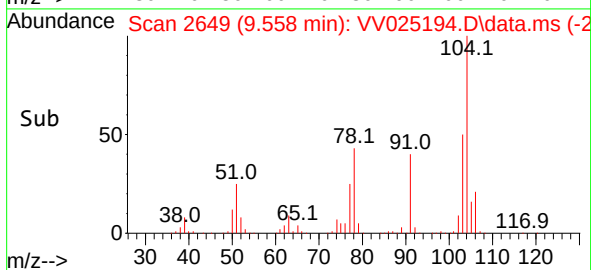
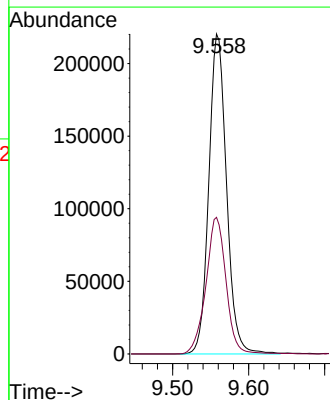
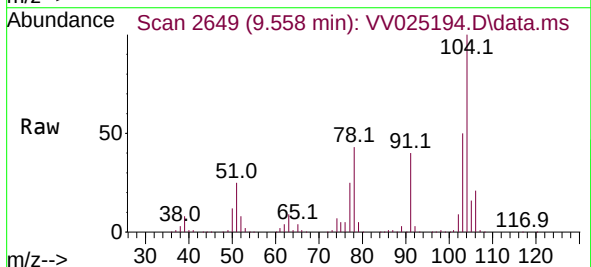
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

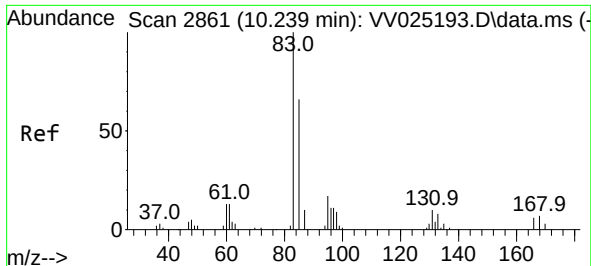
Tgt Ion:106 Resp: 213358
Ion Ratio Lower Upper
106 100
91 211.8 143.0 265.6



#55
Styrene
Concen: 10.896 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion:104 Resp: 356564
Ion Ratio Lower Upper
104 100
78 42.7 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 10.385 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

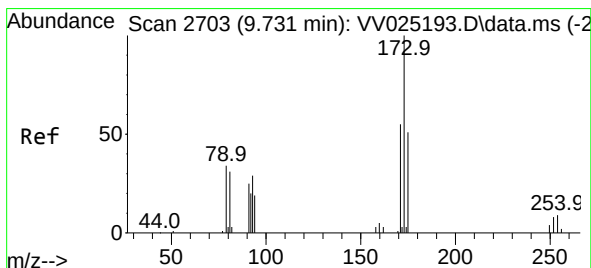
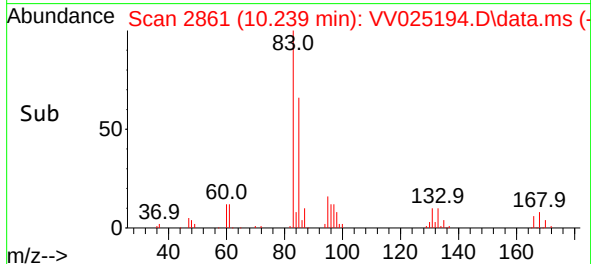
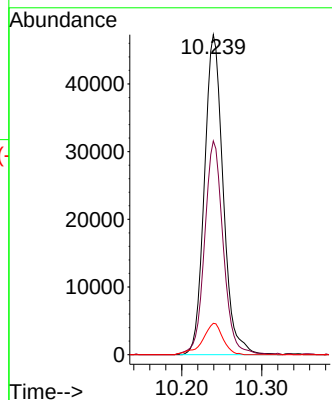
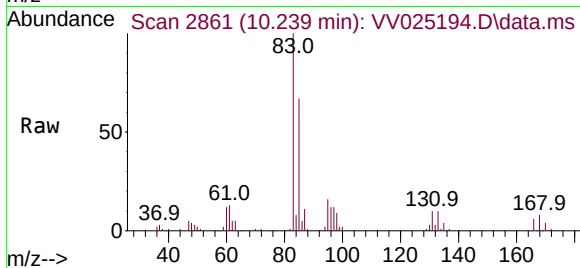
Tgt Ion: 83 Resp: 77041

Ion Ratio Lower Upper

83 100

85 66.8 46.2 85.8

131 9.8 8.1 12.1



#59

Bromoform

Concen: 8.767 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

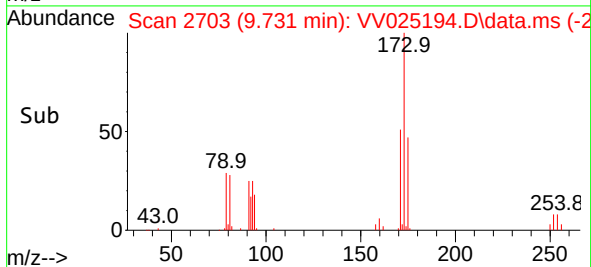
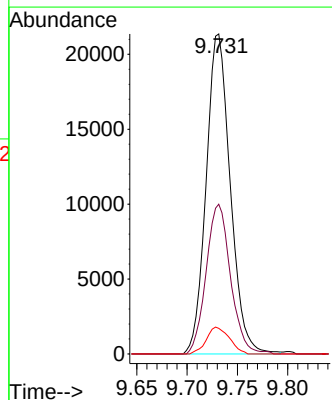
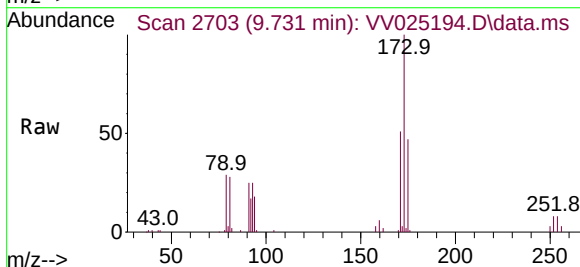
Tgt Ion: 173 Resp: 35649

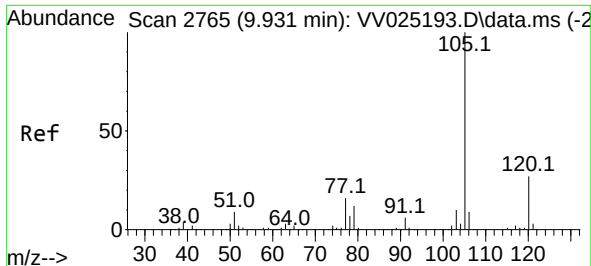
Ion Ratio Lower Upper

173 100

175 47.3 39.4 59.0

254 8.0 5.6 8.4

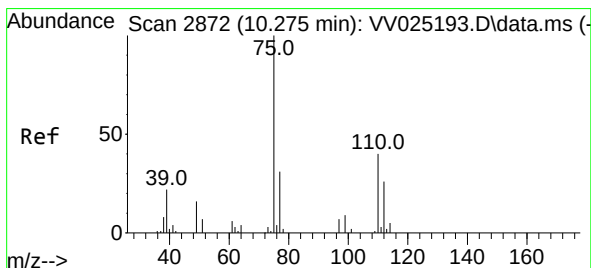
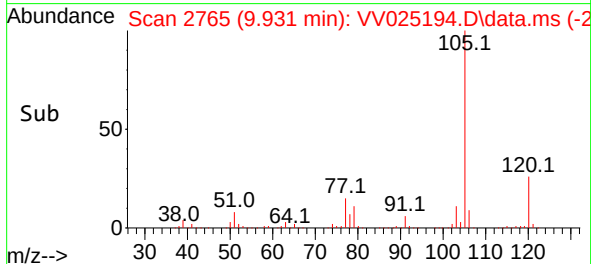
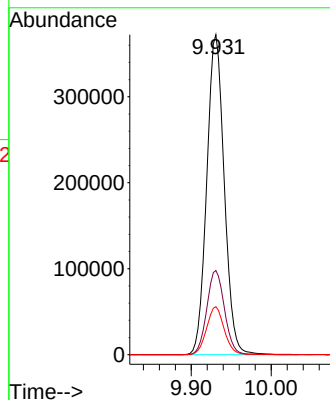
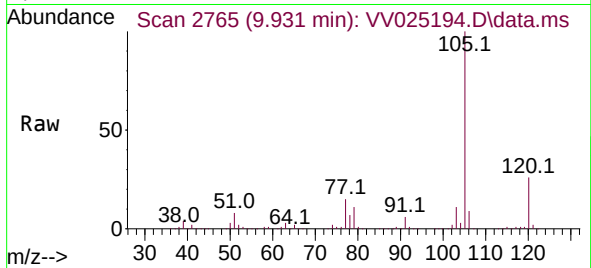




#60
Isopropylbenzene
Concen: 9.672 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

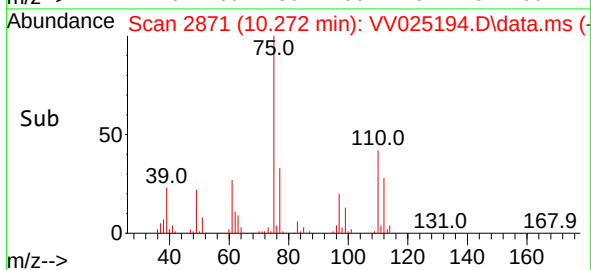
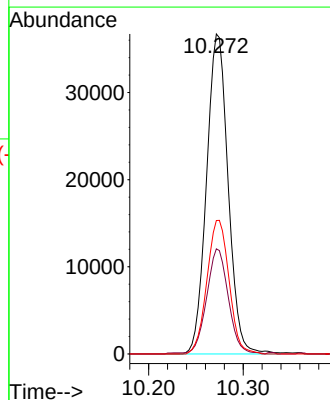
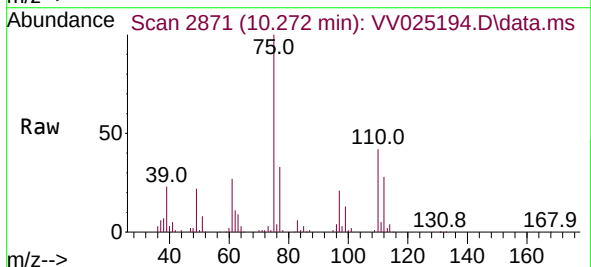
Instrument :
MSVOA_V
ClientSampleId :
VSTD010228

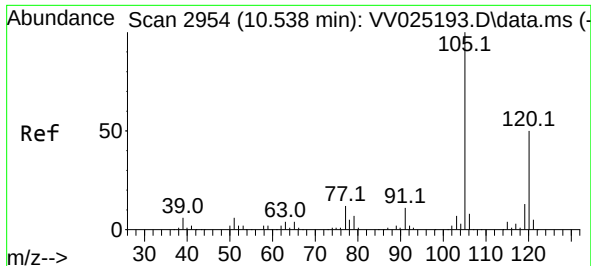
Tgt Ion:105 Resp: 566196
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 8.870 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025194.D
Acq: 26 Mar 2022 13:08

Tgt Ion: 75 Resp: 58316
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
110 42.7 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 9.650 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

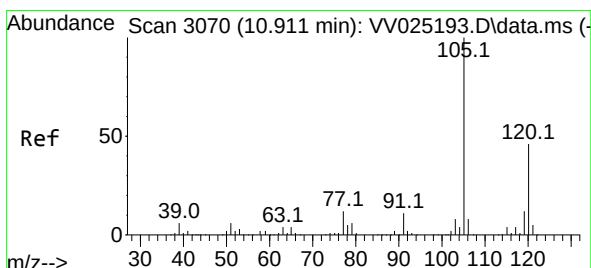
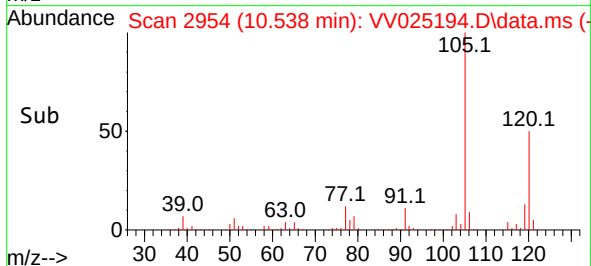
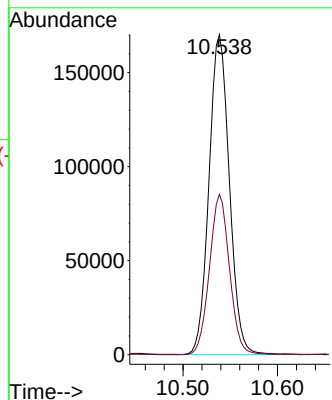
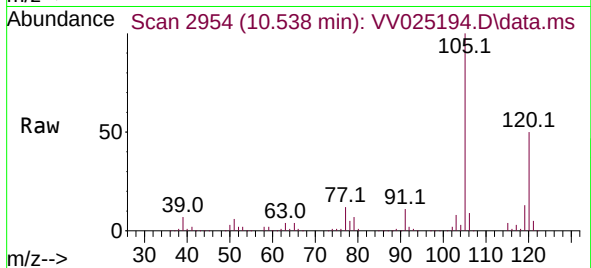
VSTD010228

Tgt Ion:105 Resp: 254254

Ion Ratio Lower Upper

105 100

120 49.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 10.112 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025194.D

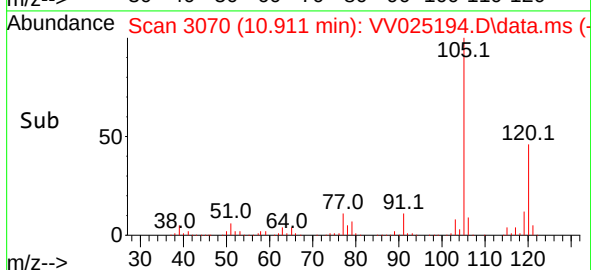
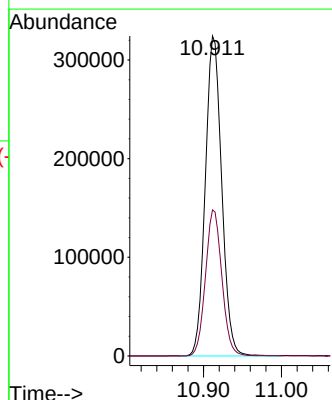
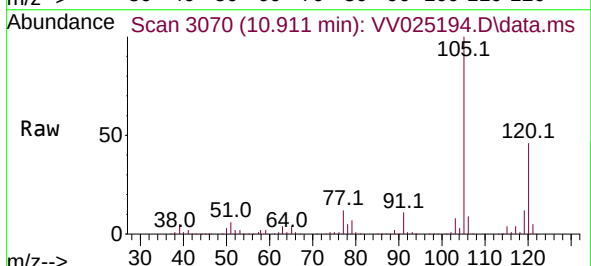
Acq: 26 Mar 2022 13:08

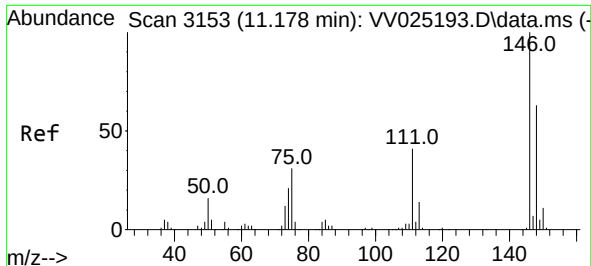
Tgt Ion:105 Resp: 473604

Ion Ratio Lower Upper

105 100

120 45.8 36.5 54.7

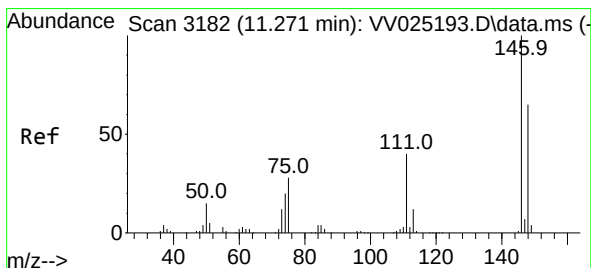
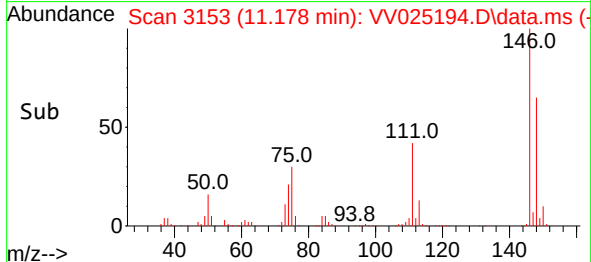
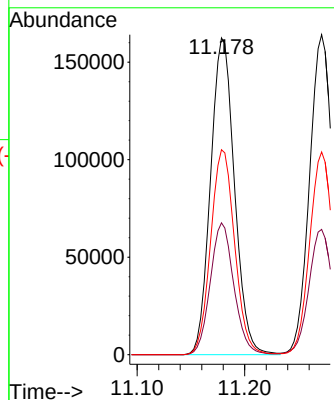
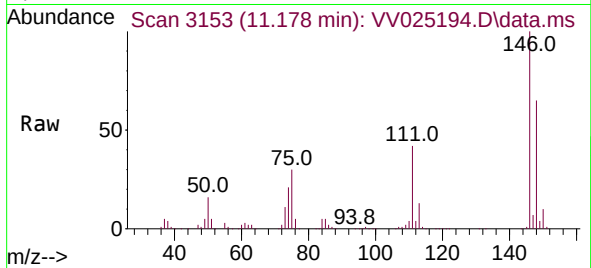




#64
 1,3-Dichlorobenzene
 Concen: 9.776 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

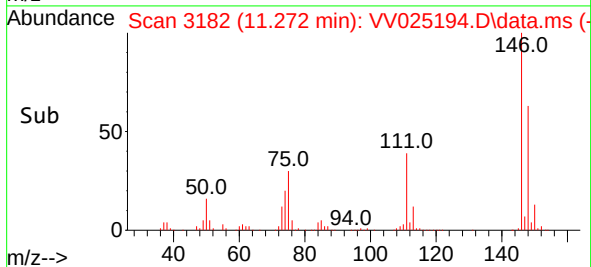
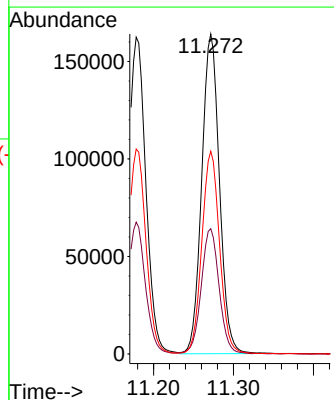
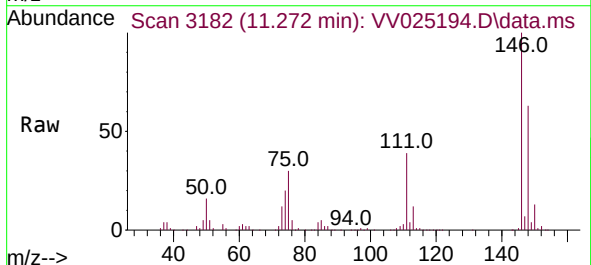
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010228

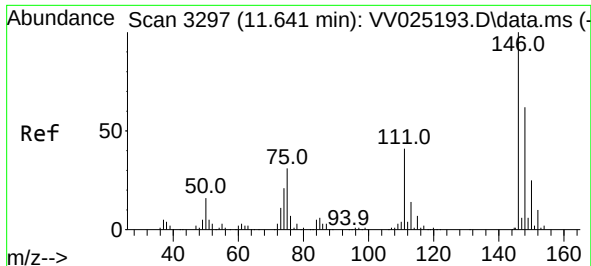
Tgt Ion:146 Resp: 251380
 Ion Ratio Lower Upper
 146 100
 111 41.6 29.0 53.8
 148 64.7 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 9.749 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

Tgt Ion:146 Resp: 253044
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.9 51.9
 148 63.4 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 9.776 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

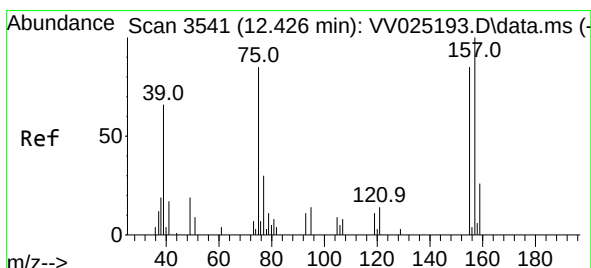
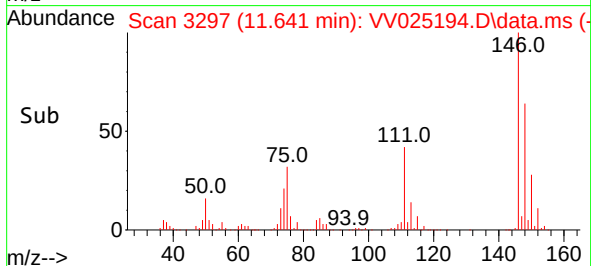
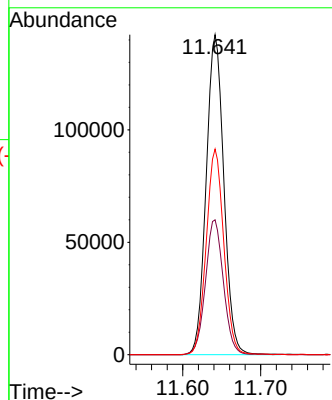
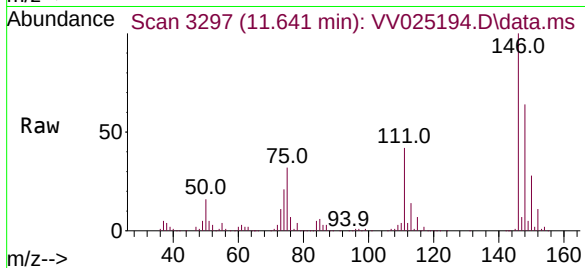
Tgt Ion:146 Resp: 223729

Ion Ratio Lower Upper

146 100

111 42.2 33.0 49.6

148 64.3 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 10.069 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

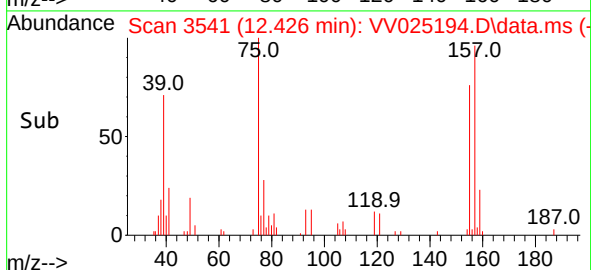
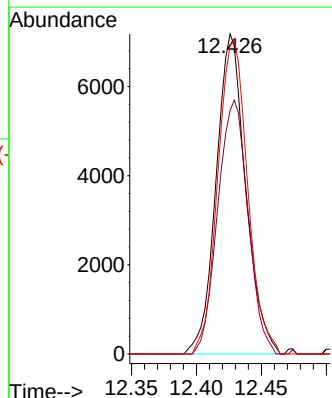
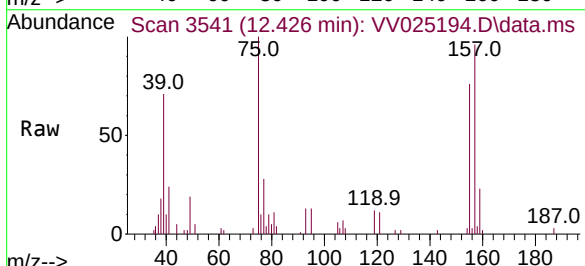
Tgt Ion: 75 Resp: 11326

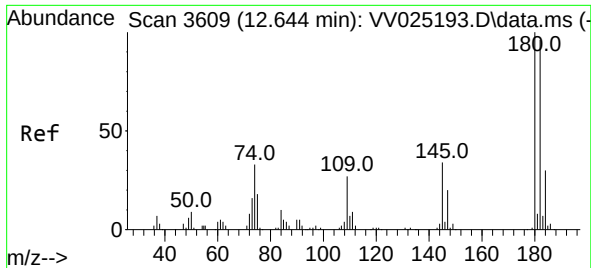
Ion Ratio Lower Upper

75 100

155 76.1 80.0 120.0#

157 96.5 94.5 141.7

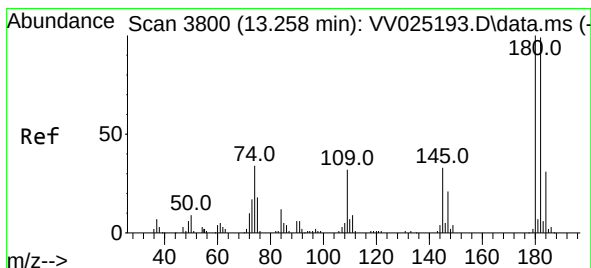
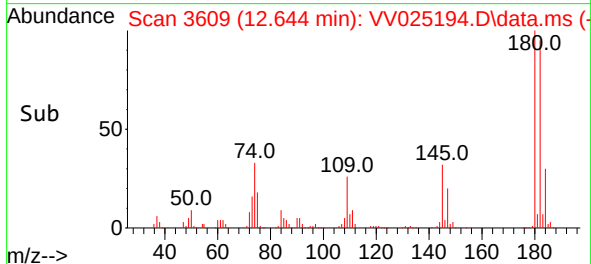
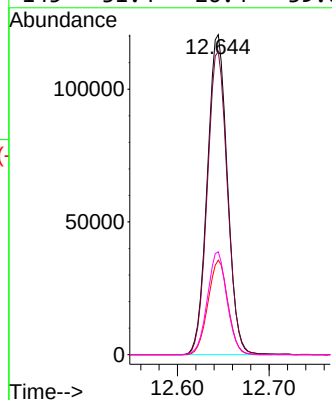
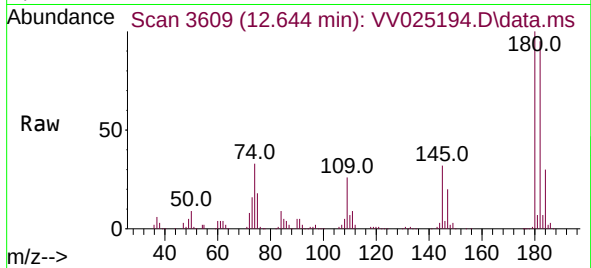




#69
 1,3,5-Trichlorobenzene
 Concen: 10.046 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

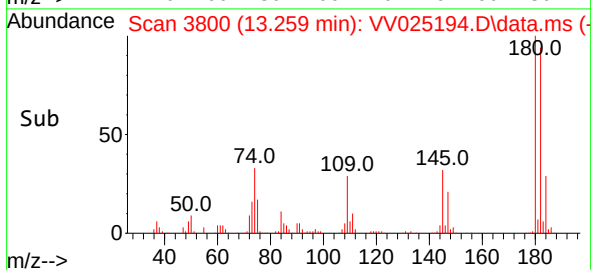
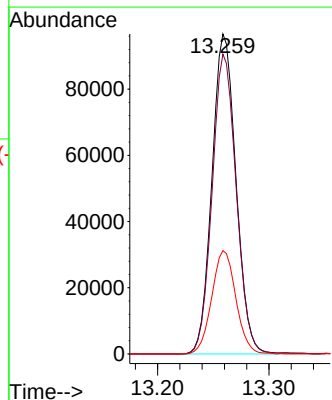
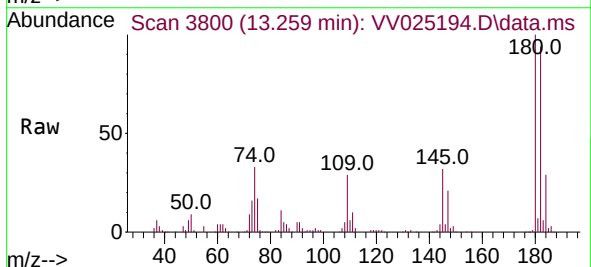
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010228

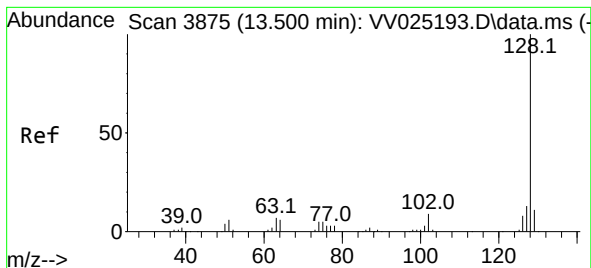
Tgt Ion:180	Resp:	183321
Ion Ratio	Lower	Upper
180	100	
182	94.8	77.1 115.7
184	29.3	23.6 35.4
145	31.4	26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 10.232 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025194.D
 Acq: 26 Mar 2022 13:08

Tgt Ion:180	Resp:	144584
Ion Ratio	Lower	Upper
180	100	
182	94.2	77.5 116.3
145	32.5	26.2 39.4





#71

Naphthalene

Concen: 9.857 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD010228

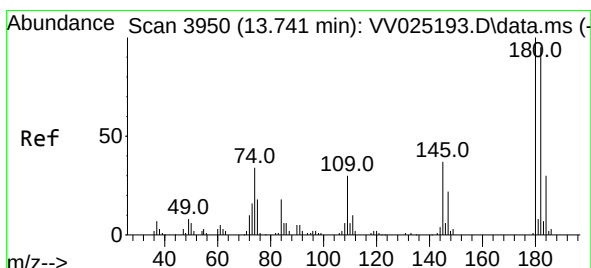
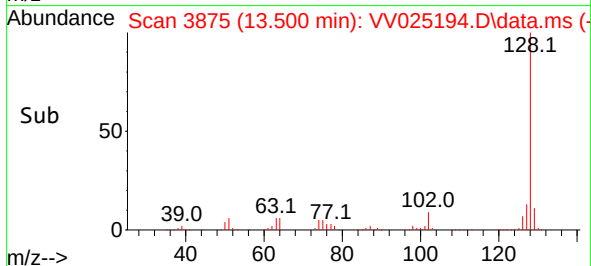
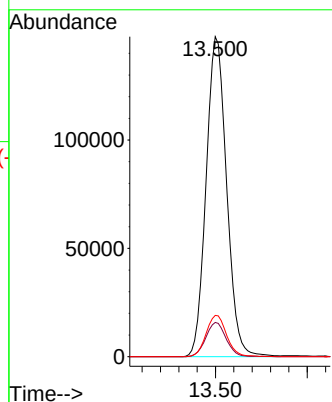
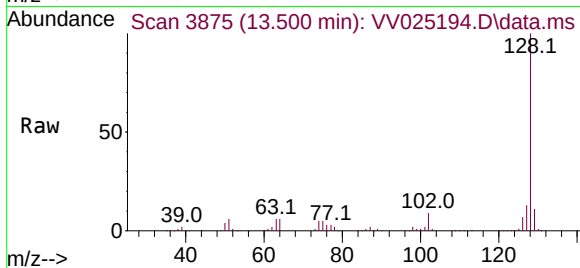
Tgt Ion:128 Resp: 229231

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 13.0 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 10.168 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025194.D

Acq: 26 Mar 2022 13:08

Tgt Ion:180 Resp: 121926

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 34.4 28.6 42.8

