

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022972.D
 Acq On : 21 Oct 2021 22:25
 Operator : SY/MD
 Sample : M4265-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44092	4.564	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	37590	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	69409	3.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.902	46	84237	33.255	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.500%
24) Chloroform-d	4.349	84	104890	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.034	65	45920	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	206998	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	62676	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.317	98	189954	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.625	79	19585	4.820	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.092	63	91098	55.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44895	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	69647	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44462	4.345	ug/L	99
3) Chloromethane	1.240	50	49025	4.766	ug/L	98
5) Vinyl chloride	1.311	62	51271	4.825	ug/L	99
6) Bromomethane	1.520	94	23137	3.492	ug/L	100
8) Chloroethane	1.584	64	27696	4.212	ug/L	100
9) Trichlorofluoromethane	1.751	101	69382	4.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	35810	3.955	ug/L	98
12) 1,1-Dichloroethene	2.118	96	32037	3.777	ug/L	84
13) Acetone	2.192	43	43465	30.772	ug/L #	53
14) Carbon disulfide	2.291	76	124319	5.215	ug/L	99
15) Methyl Acetate	2.442	43	13374	3.309	ug/L	96
16) Methylene chloride	2.507	84	49129	4.208	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	87880	4.282	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	47471	5.147	ug/L	97
19) 1,1-Dichloroethane	3.192	63	85581	5.151	ug/L	100
21) 2-Butanone	3.986	43	77028	33.306	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	49067	5.066	ug/L	94
23) Bromochloromethane	4.253	128	22520	5.234	ug/L	93
25) Chloroform	4.375	83	89115	4.627	ug/L	100

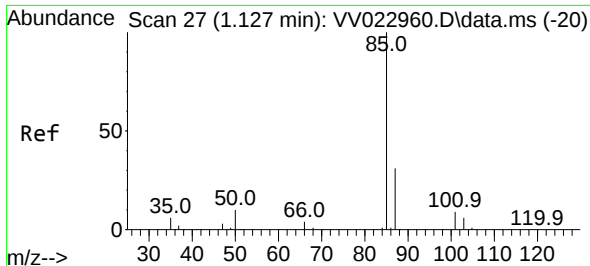
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	47080	4.898	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	77200	4.866	ug/L	98
30) Cyclohexane	4.677	56	65565	4.478	ug/L	99
31) Carbon tetrachloride	4.828	117	67378	4.892	ug/L	99
33) Benzene	5.101	78	192701	5.150	ug/L	100
34) Trichloroethene	5.915	95	47578	4.675	ug/L	99
35) Methylcyclohexane	6.130	83	70206	4.924	ug/L	94
37) 1,2-Dichloropropane	6.175	63	46395	5.155	ug/L	100
38) Bromodichloromethane	6.510	83	58786	5.301	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	60492	5.077	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	243286	50.308	ug/L	98
42) Toluene	7.387	91	211035	5.555	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	50559	5.205	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	33832	5.066	ug/L	98
47) Tetrachloroethene	7.976	164	40620	4.936	ug/L	100
48) 2-Hexanone	8.143	43	170928	48.341	ug/L	99
49) Dibromochloromethane	8.249	129	40549	5.187	ug/L	88
50) 1,2-Dibromoethane	8.355	107	30930	4.960	ug/L	98
51) Chlorobenzene	8.883	112	131334	5.261	ug/L	98
52) Ethylbenzene	9.014	91	200305	5.193	ug/L	98
53) m,p-xylene	9.140	106	79404	5.246	ug/L	98
54) o-xylene	9.545	106	76194	5.351	ug/L	99
55) Styrene	9.561	104	130593	5.322	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	38338	5.674	ug/L	100
59) Bromoform	9.731	173	21899	5.304	ug/L	100
60) Isopropylbenzene	9.934	105	200726	5.362	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26183	5.113	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	158279	5.233	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	162956	5.383	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	104570	5.322	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	104122	5.219	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	96631	5.243	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	5516	5.918	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	82439	5.570	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	59215	5.237	ug/L	99
71) Naphthalene	13.503	128	88989	4.952	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	57180	5.363	ug/L	97

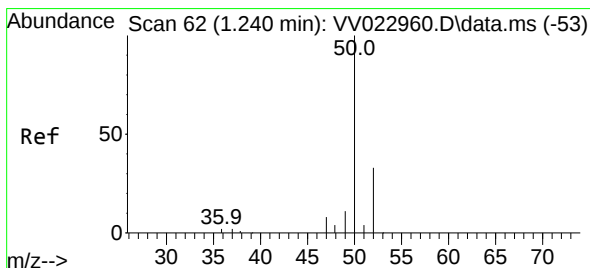
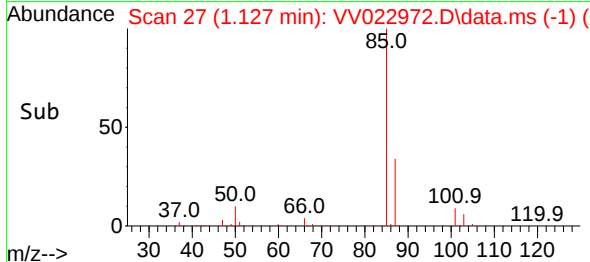
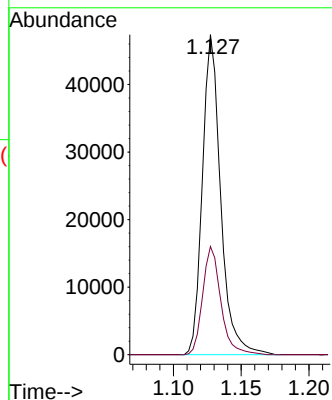
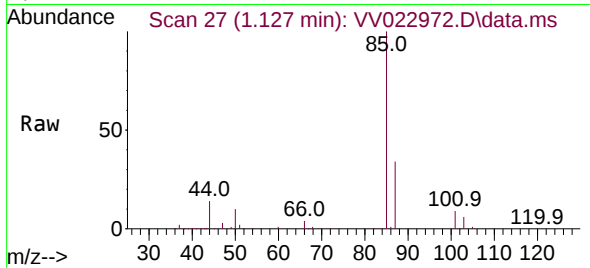
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.345 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

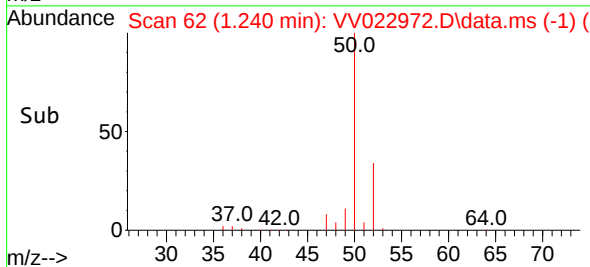
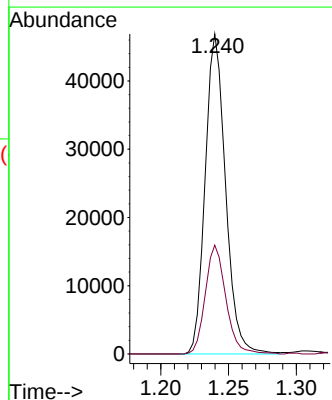
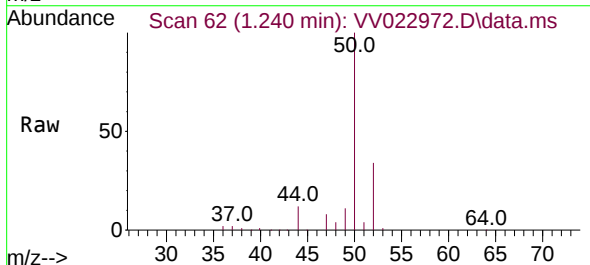
Instrument :
 MSVOA_V
 ClientSampleId :

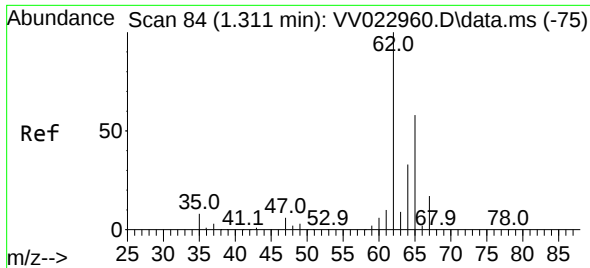
Tgt Ion: 85 Resp: 44462
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.3 39.5



#3
 Chloromethane
 Concen: 4.766 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

Tgt Ion: 50 Resp: 49025
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.9 42.5

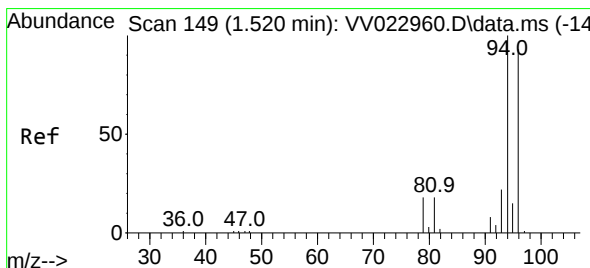
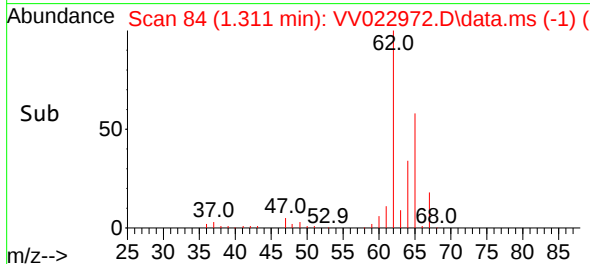
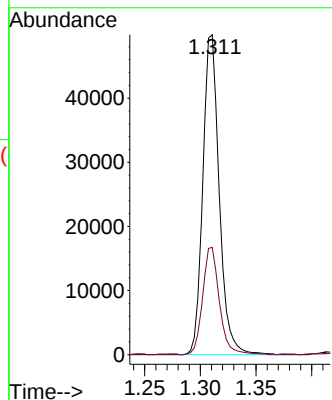
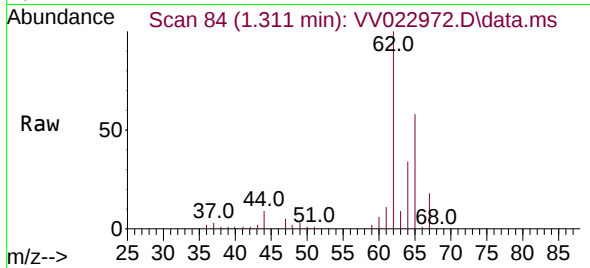




#5
 Vinyl chloride
 Concen: 4.825 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

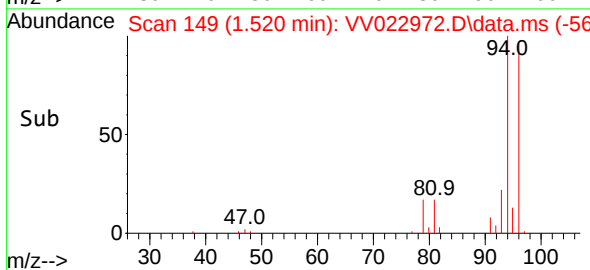
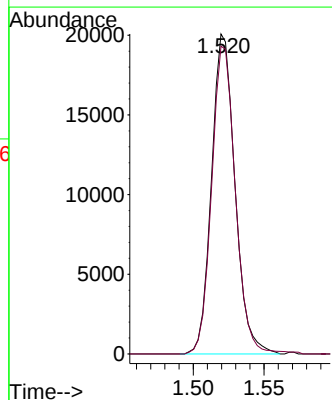
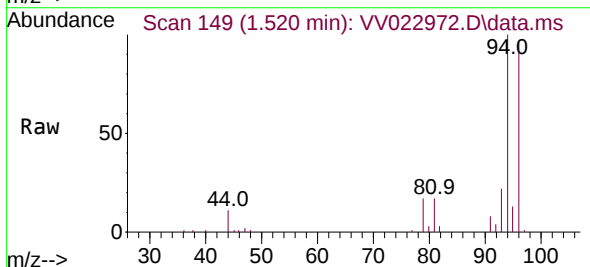
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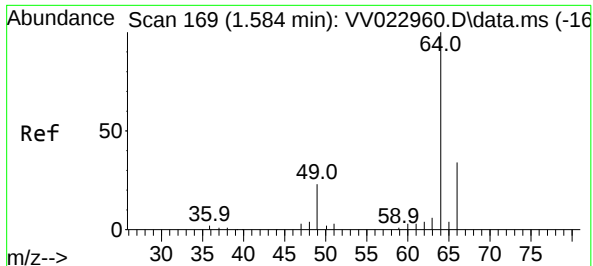
Tgt Ion: 62 Resp: 51271
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 3.492 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

Tgt Ion: 94 Resp: 23137
 Ion Ratio Lower Upper
 94 100
 96 96.1 67.2 124.8

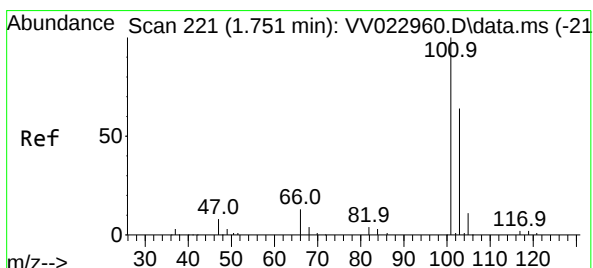
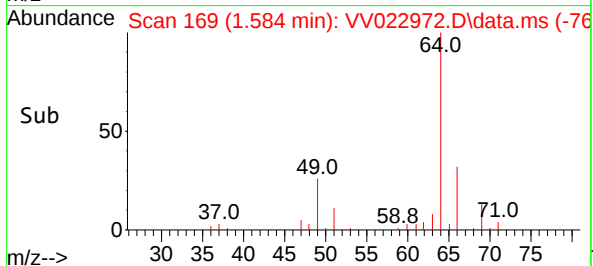
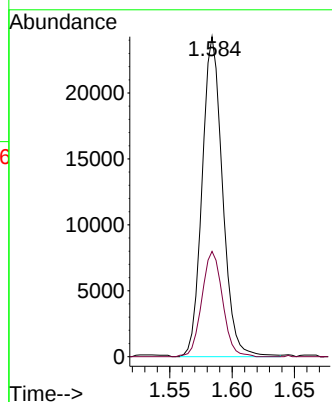
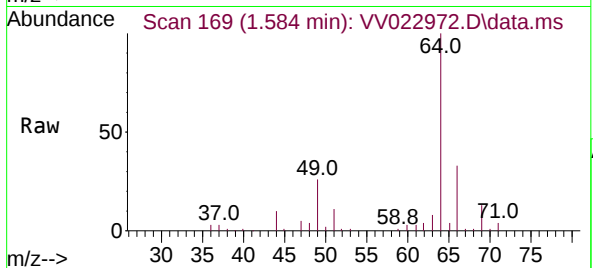




#8
Chloroethane
Concen: 4.212 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

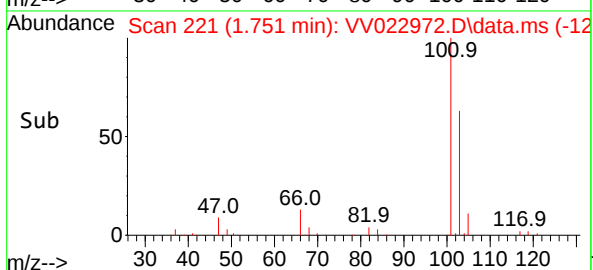
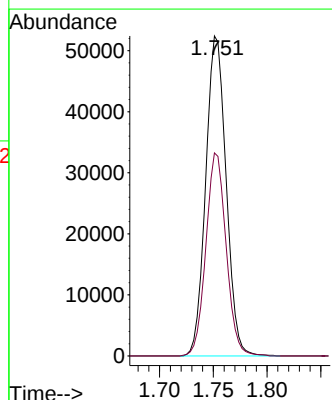
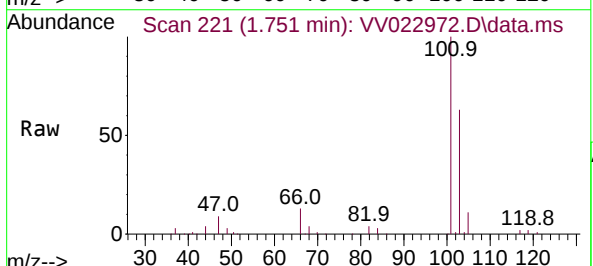
Instrument :
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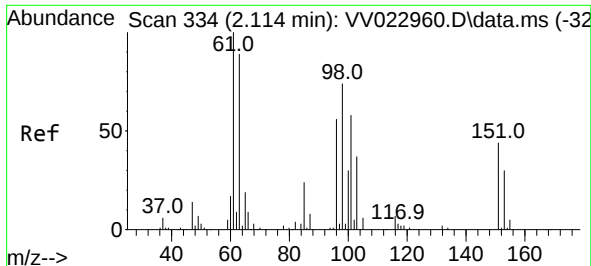
Tgt Ion: 64 Resp: 27696
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.457 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion:101 Resp: 69382
Ion Ratio Lower Upper
101 100
103 62.9 50.3 75.5

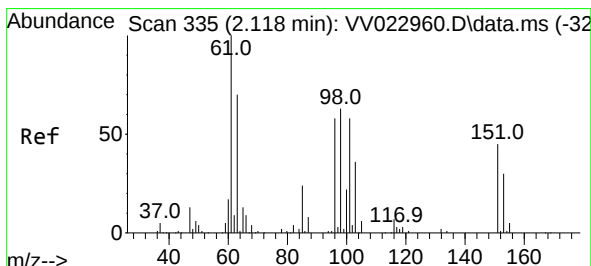
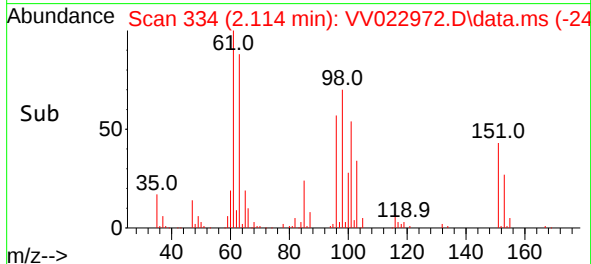
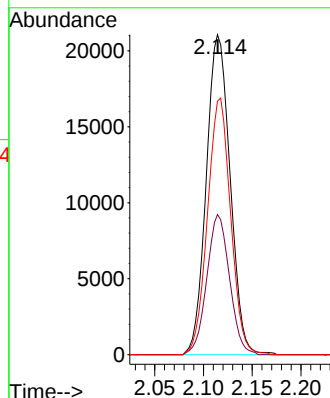
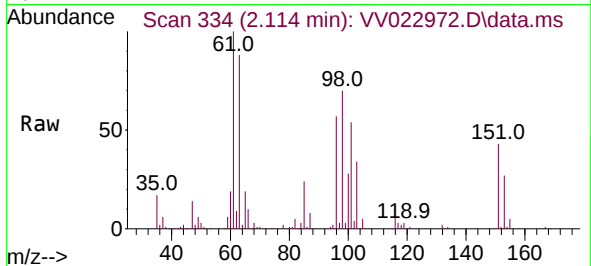




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.955 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

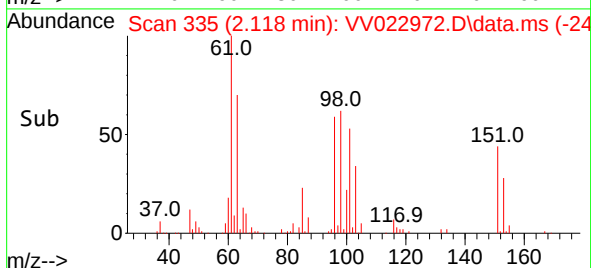
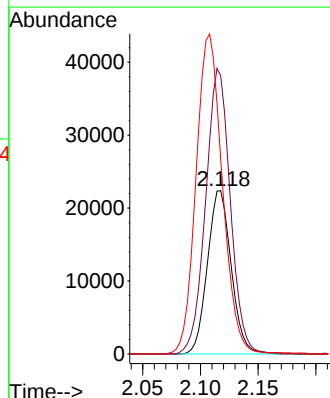
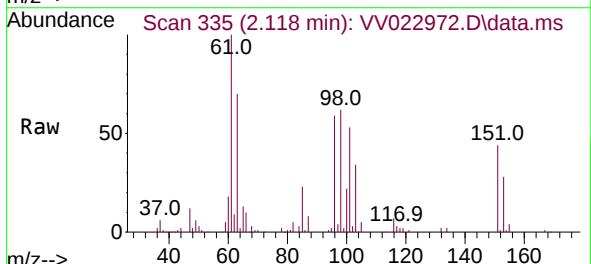
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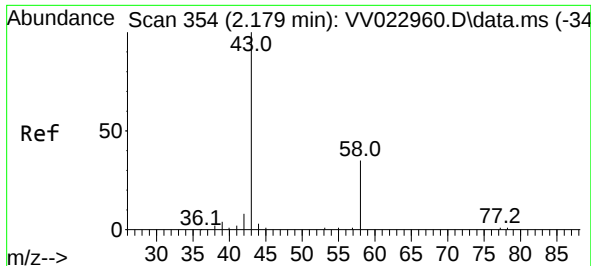
Tgt Ion:101 Resp: 35810
Ion Ratio Lower Upper
101 100
85 41.8 34.6 52.0
151 77.9 60.9 91.3



#12
1,1-Dichloroethene
Concen: 3.777 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 96 Resp: 32037
Ion Ratio Lower Upper
96 100
61 170.6 127.3 236.5
63 119.5 106.2 197.2





#13

Acetone

Concen: 30.772 ug/L

RT: 2.192 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

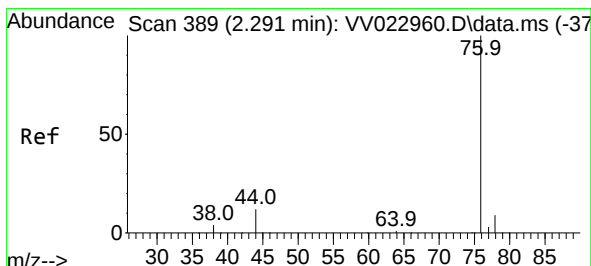
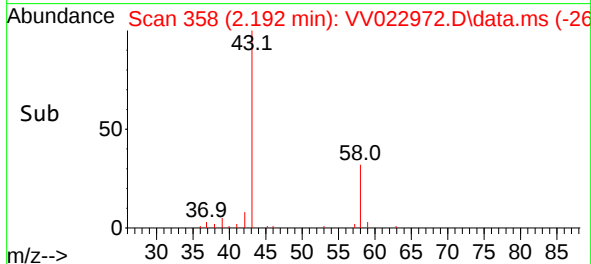
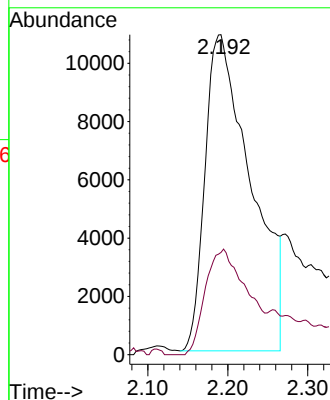
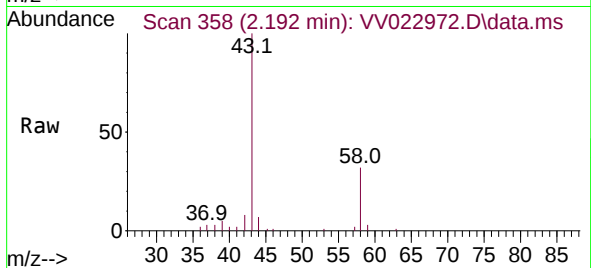
ClientSampleId :

Tgt Ion: 43 Resp: 43465

Ion Ratio Lower Upper

43 100

58 30.4 0.0 24.2#



#14

Carbon disulfide

Concen: 5.215 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV022972.D

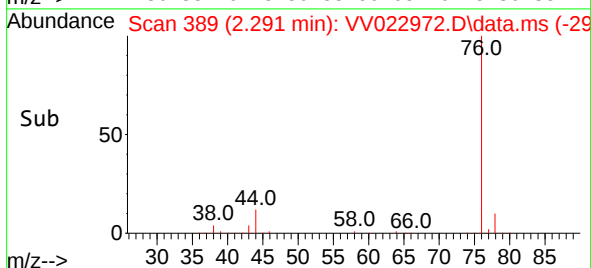
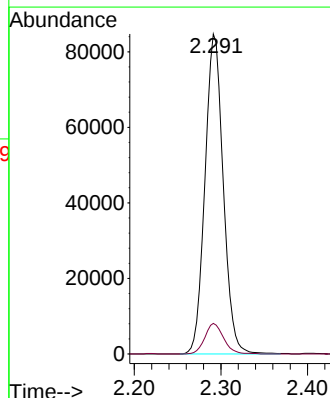
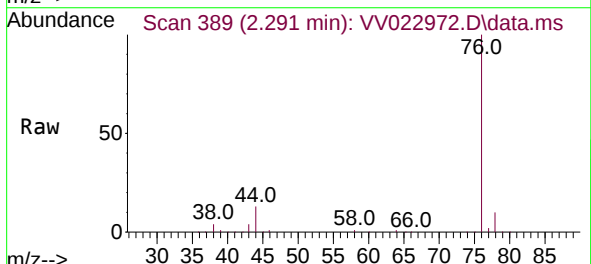
Acq: 21 Oct 2021 22:25

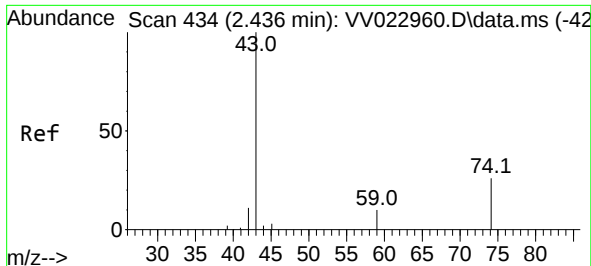
Tgt Ion: 76 Resp: 124319

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

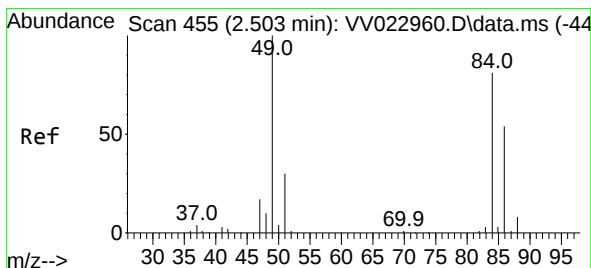
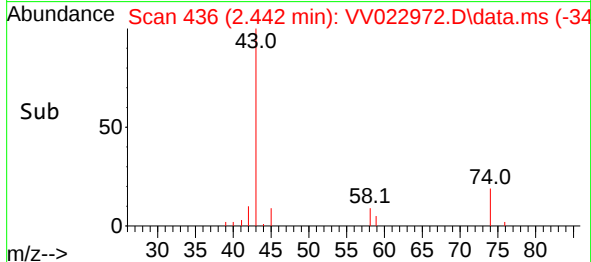
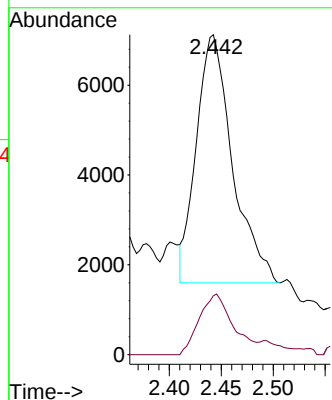
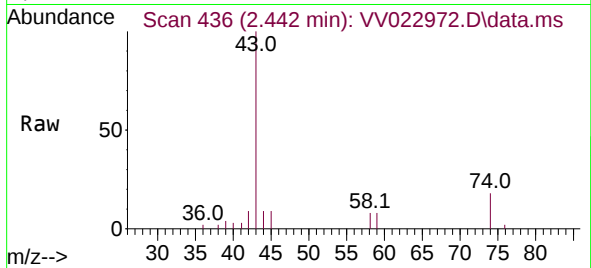




#15
Methyl Acetate
Concen: 3.309 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

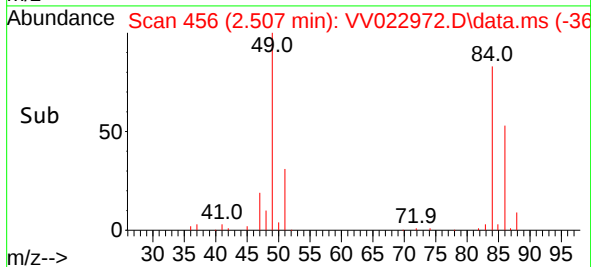
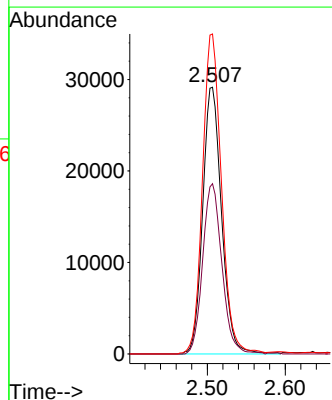
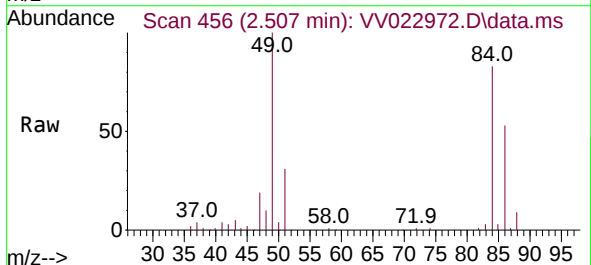
Instrument :
MSVOA_V
ClientSampleId :

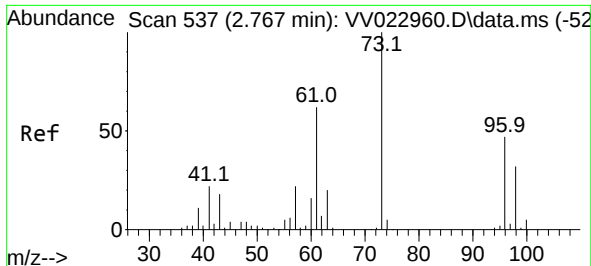
Tgt Ion: 43 Resp: 13374
Ion Ratio Lower Upper
43 100
74 23.0 19.9 29.9



#16
Methylene chloride
Concen: 4.208 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 84 Resp: 49129
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.2
49 119.9 90.3 167.7

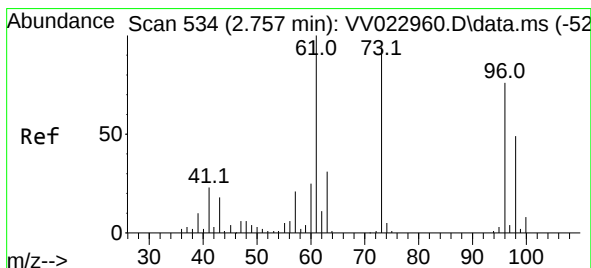
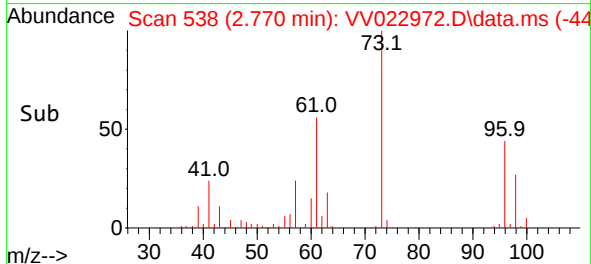
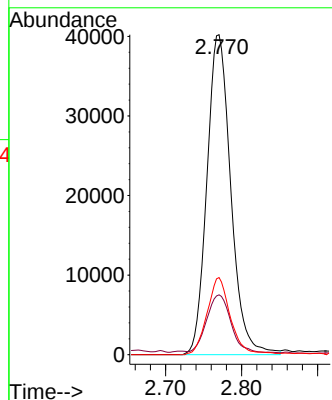
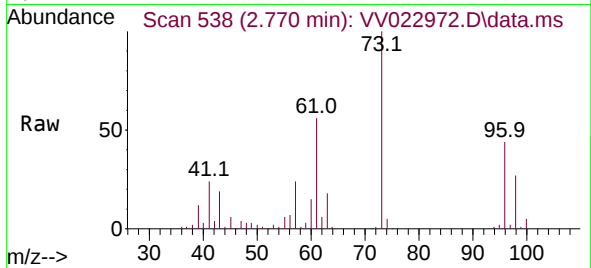




#17
Methyl tert-butyl Ether
Concen: 4.282 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

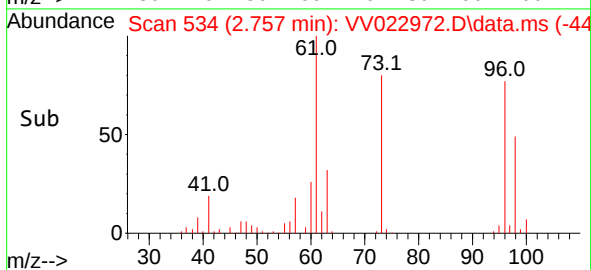
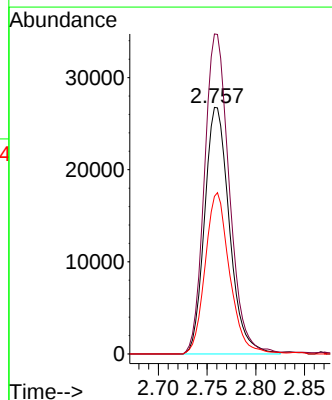
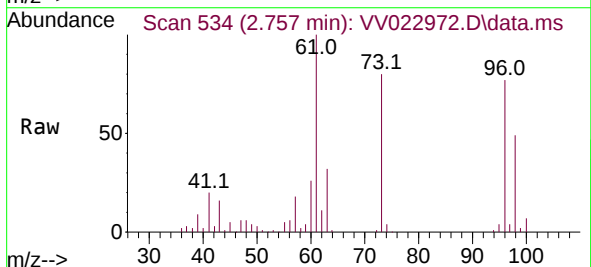
Instrument :
MSVOA_V
ClientSampleId :

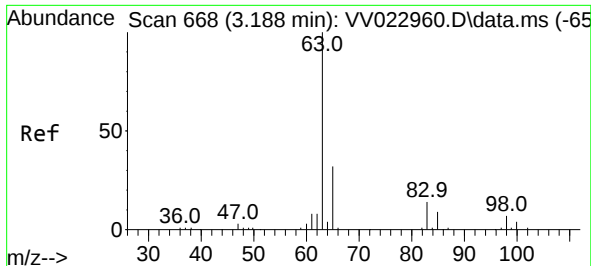
Tgt Ion: 73 Resp: 87880
Ion Ratio Lower Upper
73 100
43 17.8 17.1 25.7
57 23.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.147 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 96 Resp: 47471
Ion Ratio Lower Upper
96 100
61 129.8 94.5 175.5
98 63.9 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.151 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

ClientSampleId :

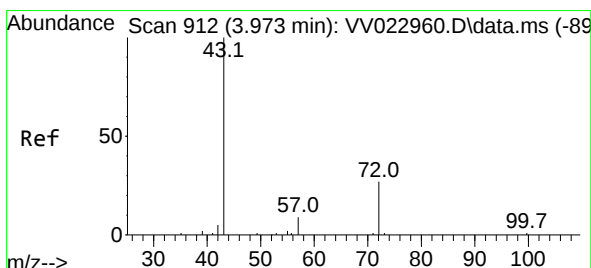
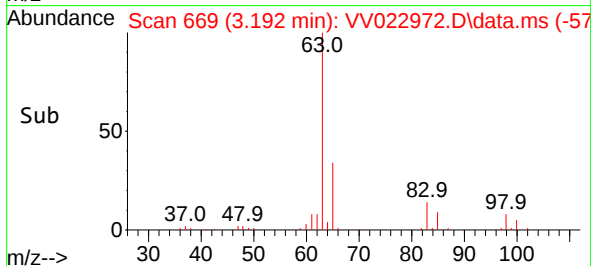
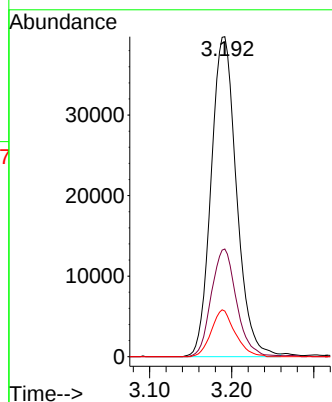
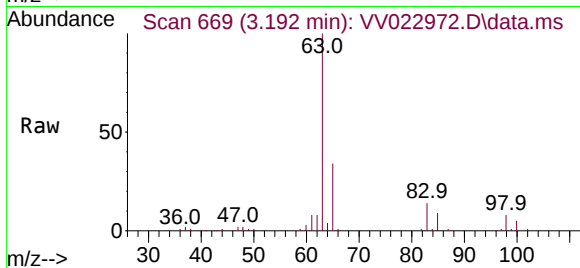
Tgt Ion: 63 Resp: 85581

Ion Ratio Lower Upper

63 100

65 33.7 23.5 43.7

83 14.2 10.1 18.7



#21

2-Butanone

Concen: 33.306 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.013 min

Lab File: VV022972.D

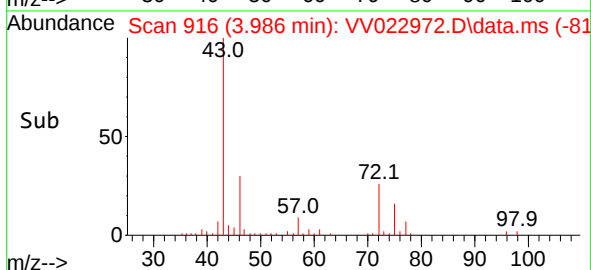
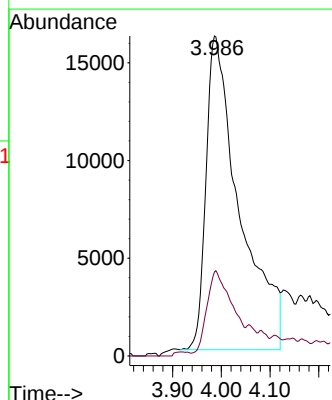
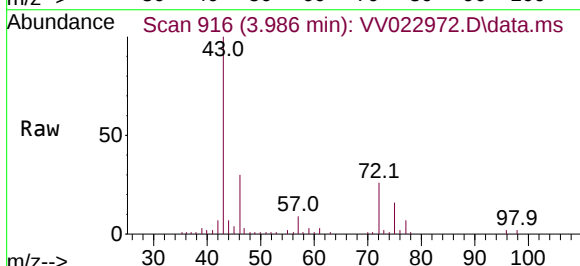
Acq: 21 Oct 2021 22:25

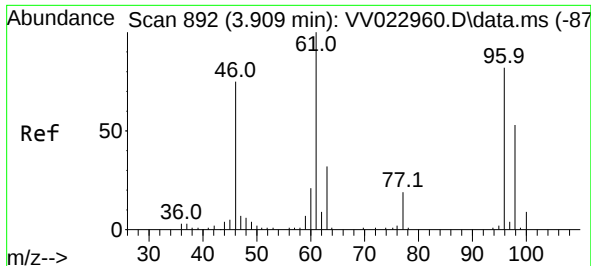
Tgt Ion: 43 Resp: 77028

Ion Ratio Lower Upper

43 100

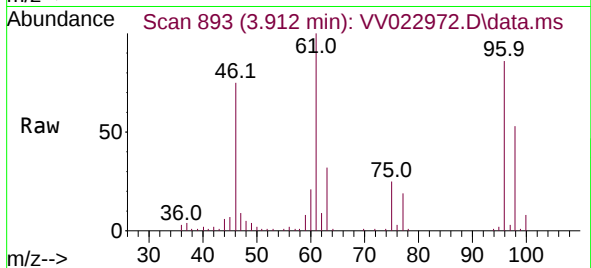
72 19.7 12.3 36.8



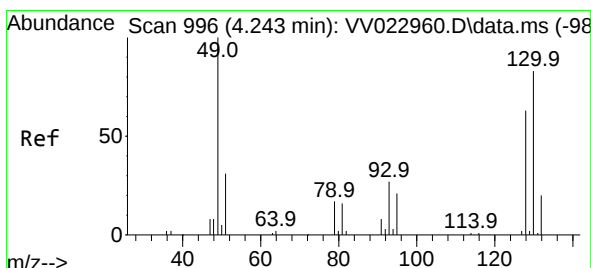
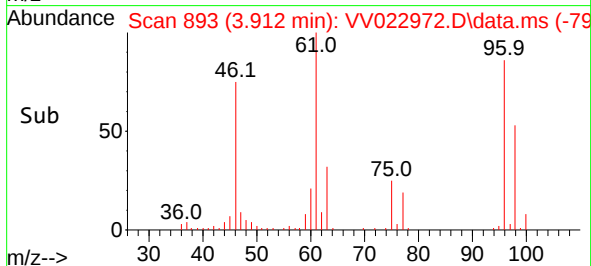
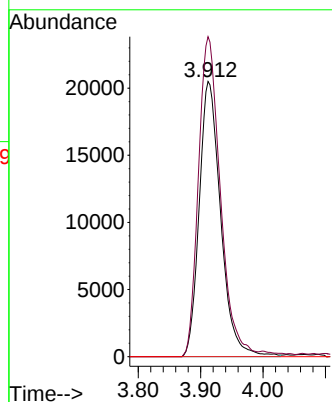


#22
 cis-1,2-Dichloroethene
 Concen: 5.066 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

Instrument :
 MSVOA_V
 ClientSampleId :

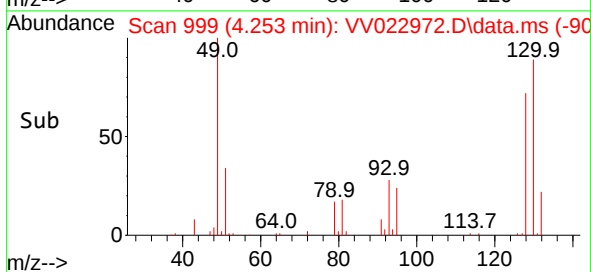
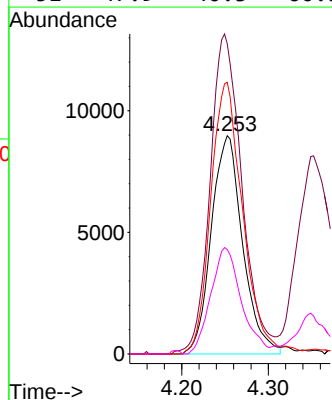
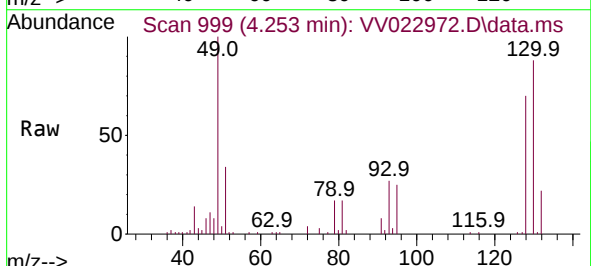


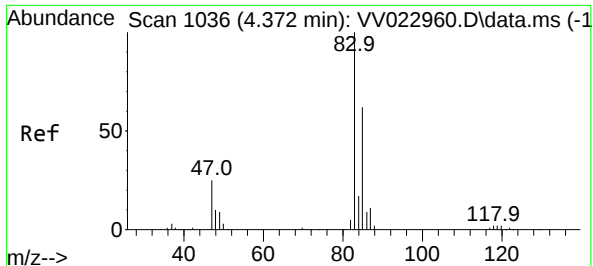
Tgt Ion: 96 Resp: 49067
 Ion Ratio Lower Upper
 96 100
 61 116.3 86.0 159.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.234 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

Tgt Ion: 128 Resp: 22520
 Ion Ratio Lower Upper
 128 100
 49 142.1 106.9 198.5
 130 124.5 91.9 170.7
 51 47.9 40.3 60.5





#25

Chloroform

Concen: 4.627 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

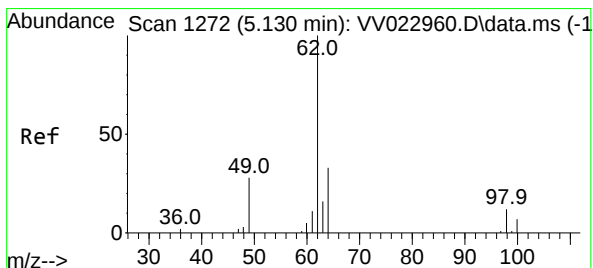
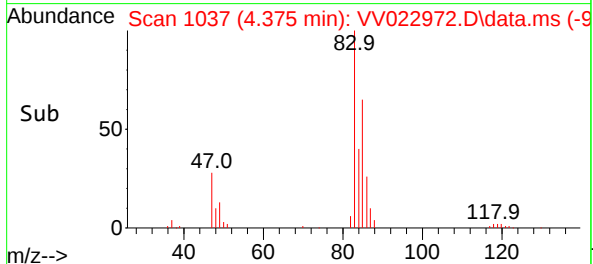
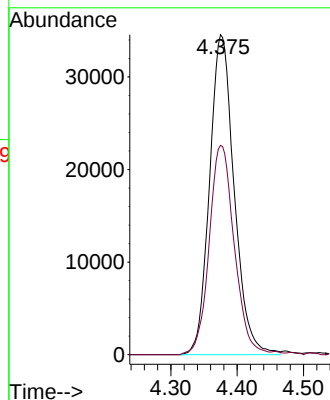
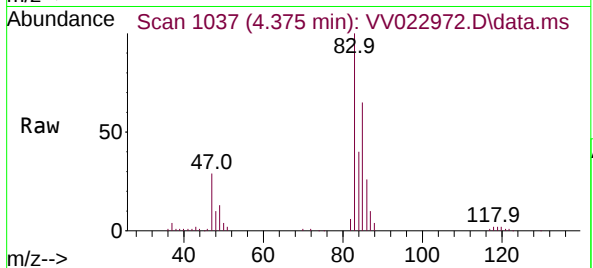
ClientSampleId :

Tgt Ion: 83 Resp: 89115

Ion Ratio Lower Upper

83 100

85 65.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.898 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022972.D

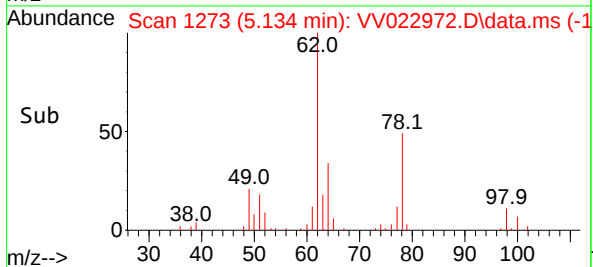
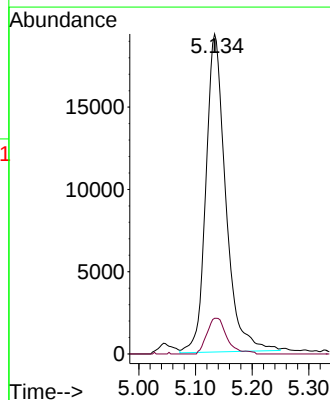
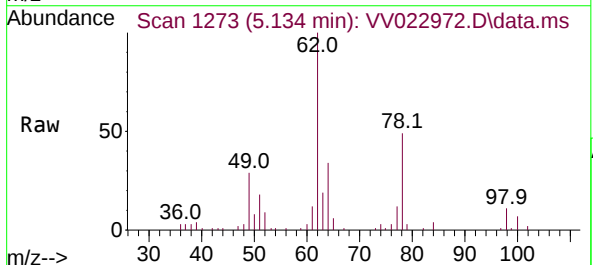
Acq: 21 Oct 2021 22:25

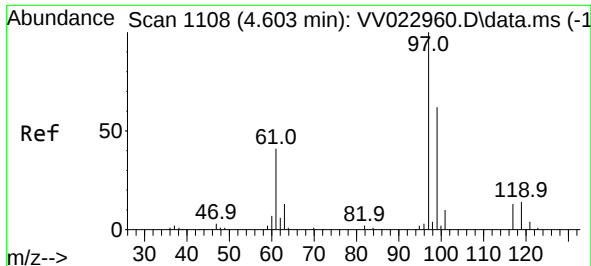
Tgt Ion: 62 Resp: 47080

Ion Ratio Lower Upper

62 100

98 11.2 9.7 14.5





#29

1,1,1-Trichloroethane

Concen: 4.866 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

ClientSampleId :

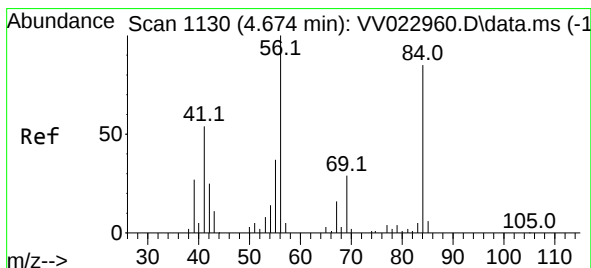
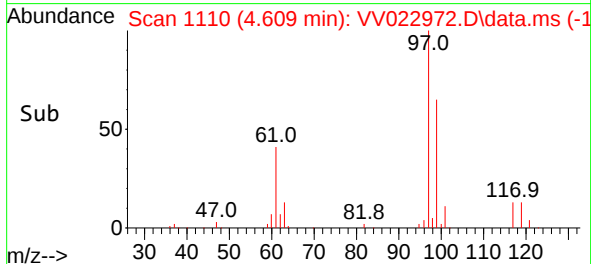
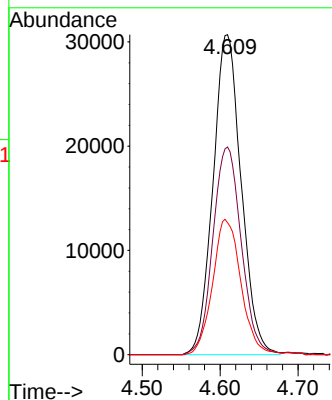
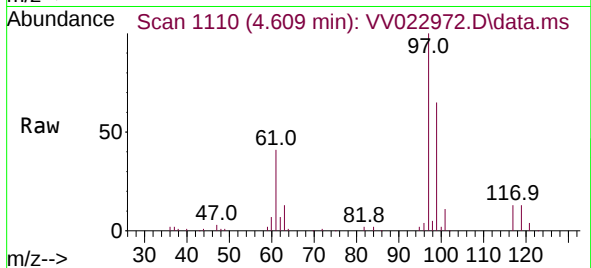
Tgt Ion: 97 Resp: 77200

Ion Ratio Lower Upper

97 100

99 65.7 51.2 76.8

61 42.5 33.2 49.8



#30

Cyclohexane

Concen: 4.478 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

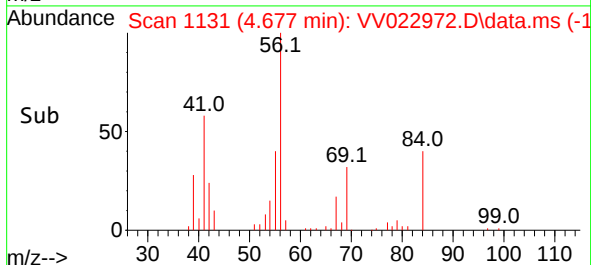
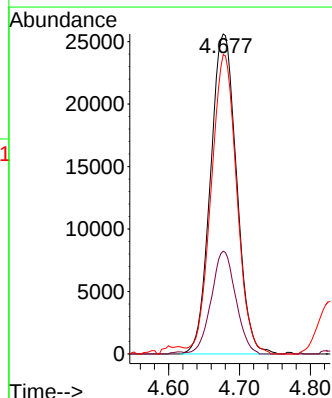
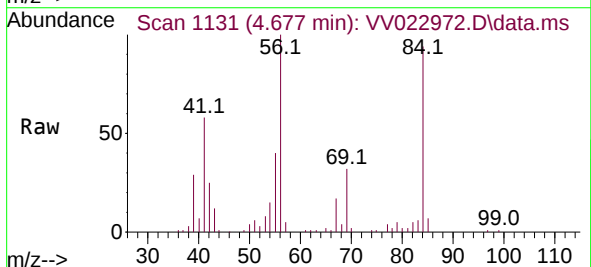
Tgt Ion: 56 Resp: 65565

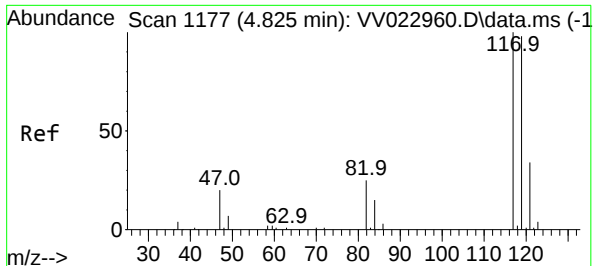
Ion Ratio Lower Upper

56 100

69 30.1 24.9 37.3

84 91.6 72.5 108.7

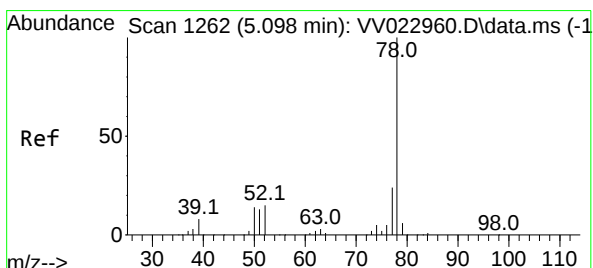
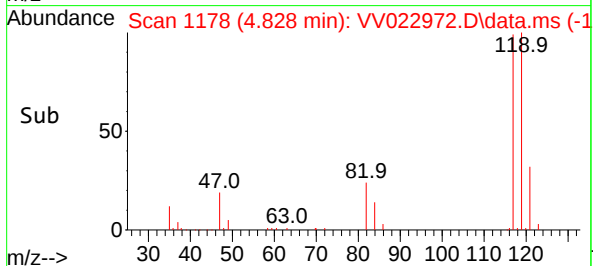
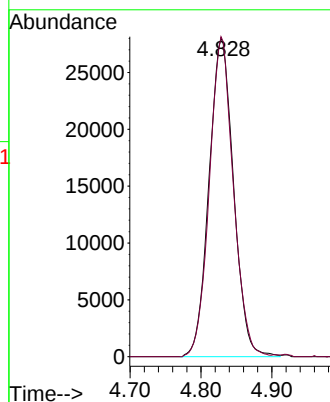
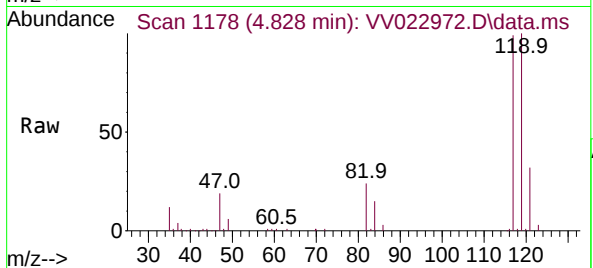




#31
Carbon tetrachloride
Concen: 4.892 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

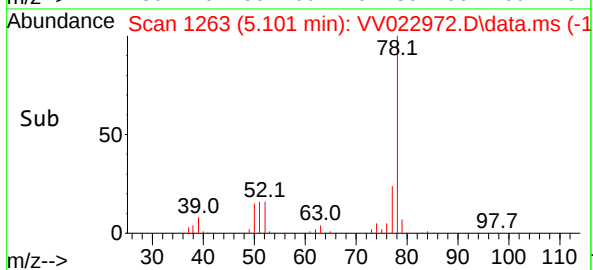
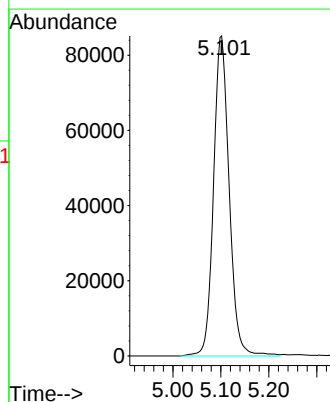
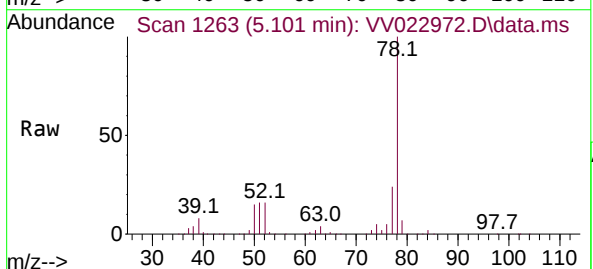
Instrument :
MSVOA_V
ClientSampleId :

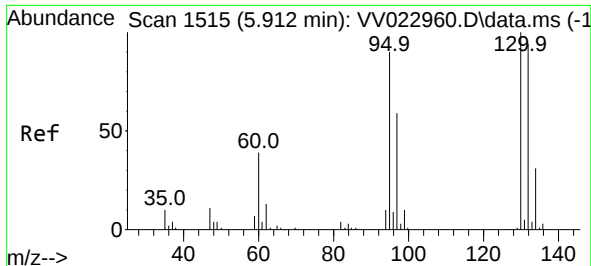
Tgt Ion:117 Resp: 67378
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0



#33
Benzene
Concen: 5.150 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 78 Resp: 192701

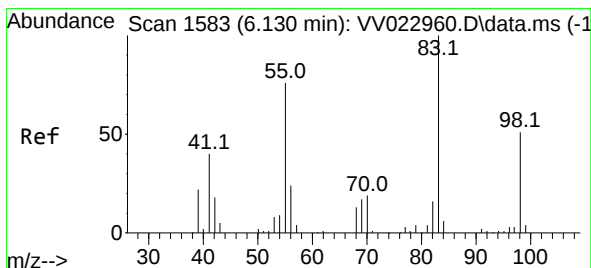
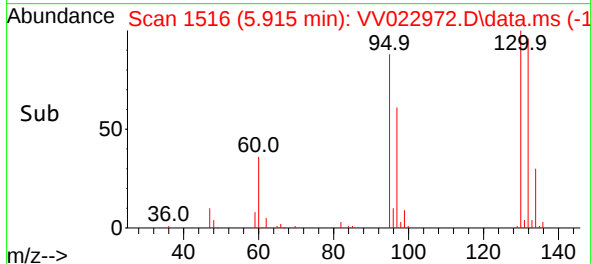
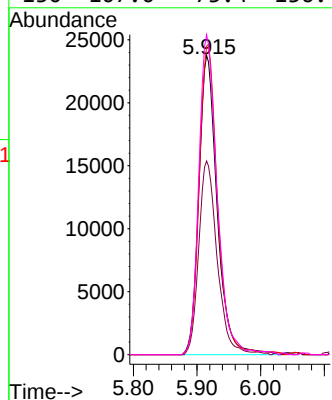
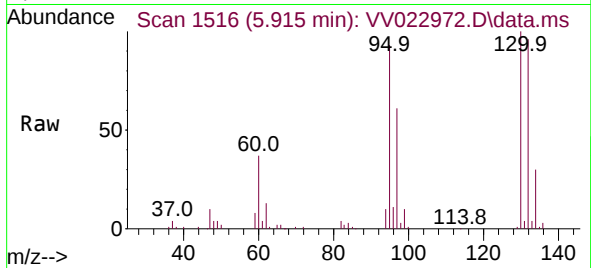




#34
Trichloroethene
Concen: 4.675 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

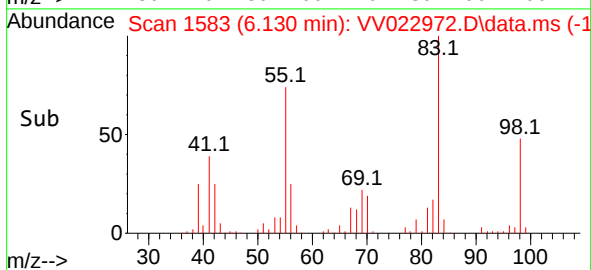
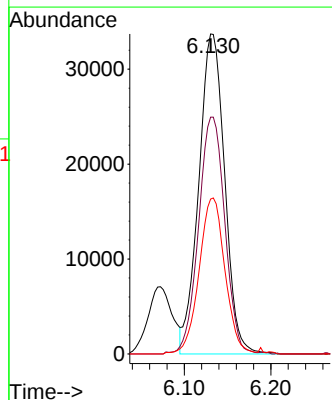
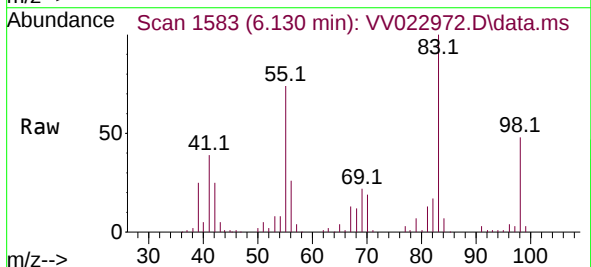
Instrument :
MSVOA_V
ClientSampleId :

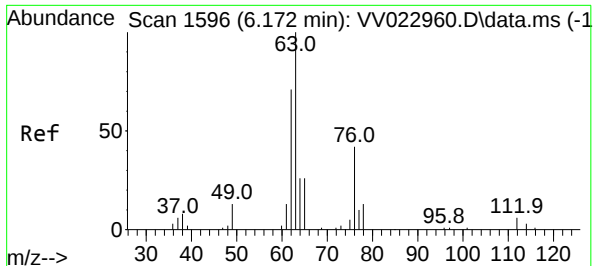
Tgt Ion: 95 Resp: 47578
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 103.1 72.2 134.0
130 107.0 73.4 136.4



#35
Methylcyclohexane
Concen: 4.924 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 83 Resp: 70206
Ion Ratio Lower Upper
83 100
55 74.9 63.8 95.6
98 48.6 42.1 63.1





#37

1,2-Dichloropropane

Concen: 5.155 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

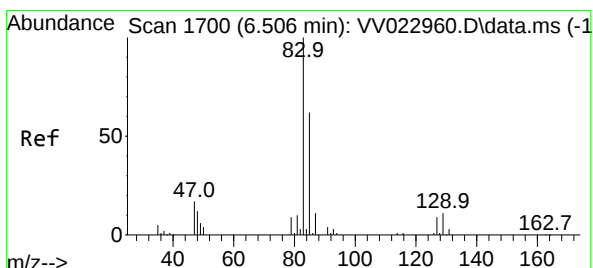
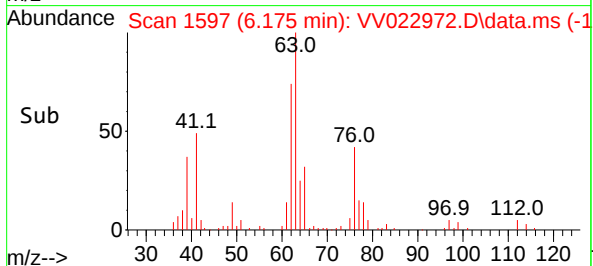
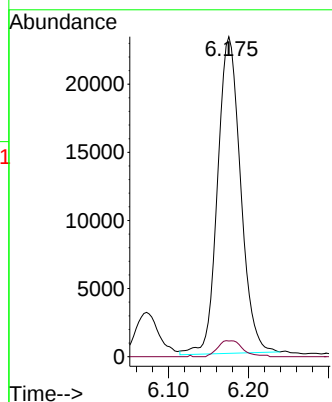
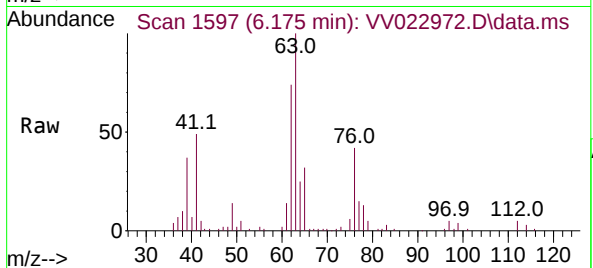
ClientSampleId :

Tgt Ion: 63 Resp: 46395

Ion Ratio Lower Upper

63 100

112 5.5 4.4 6.6



#38

Bromodichloromethane

Concen: 5.301 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

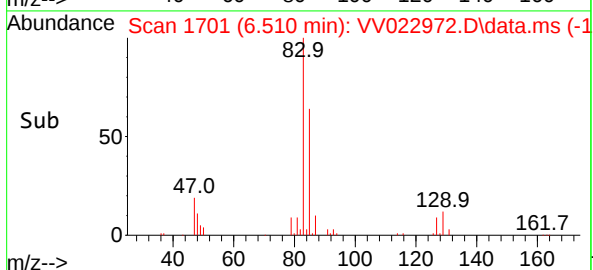
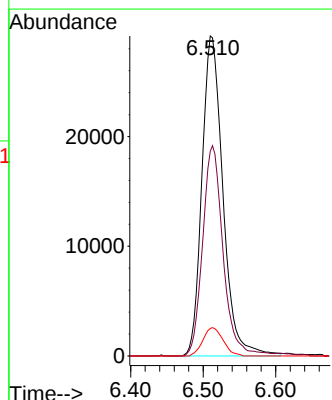
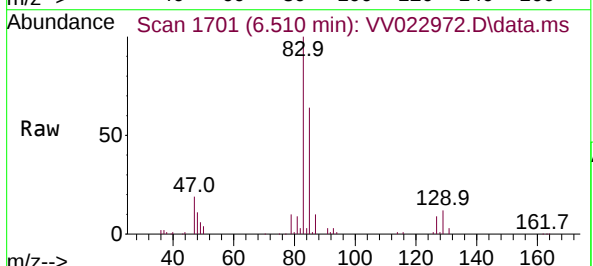
Tgt Ion: 83 Resp: 58786

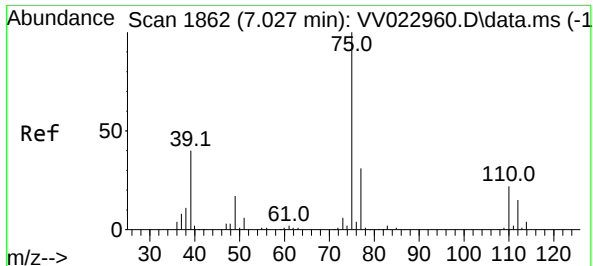
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 8.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 5.077 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

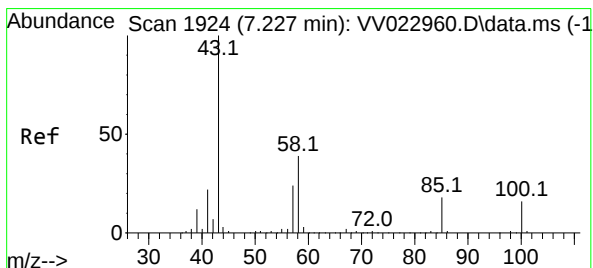
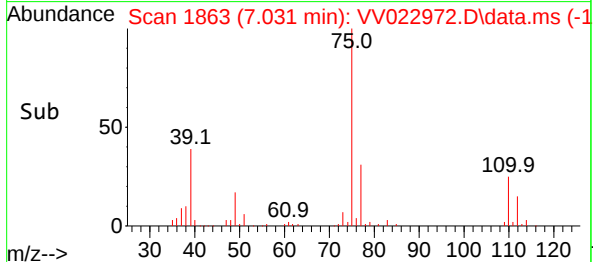
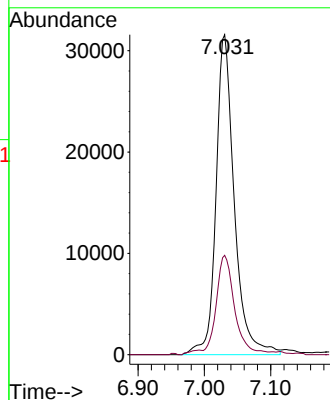
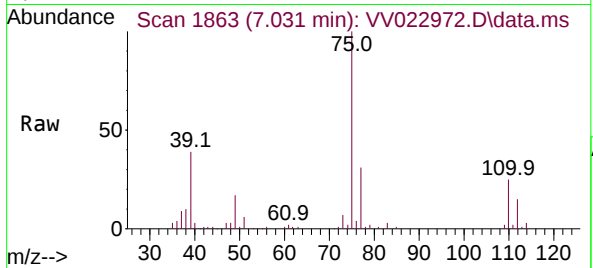
ClientSampleId :

Tgt Ion: 75 Resp: 60492

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 50.308 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

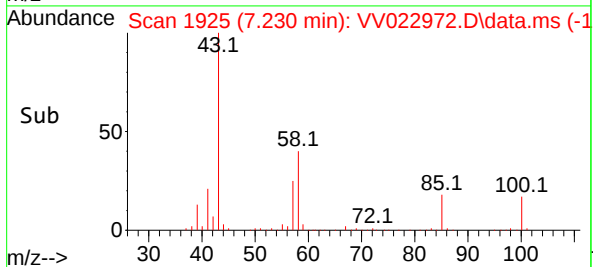
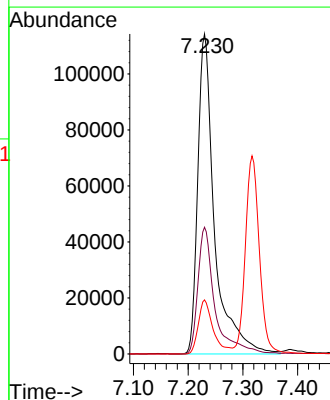
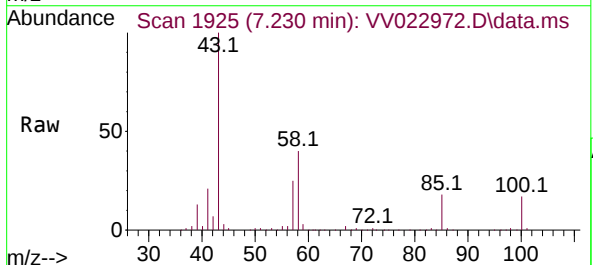
Tgt Ion: 43 Resp: 243286

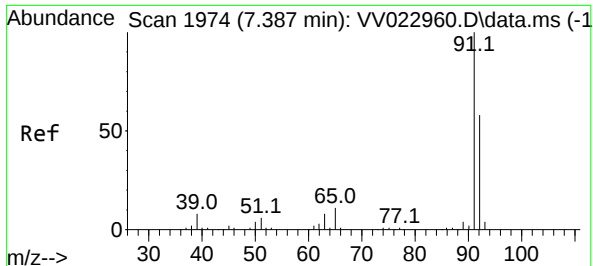
Ion Ratio Lower Upper

43 100

58 40.1 32.0 48.0

100 15.1 14.2 21.2





#42

Toluene

Concen: 5.555 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

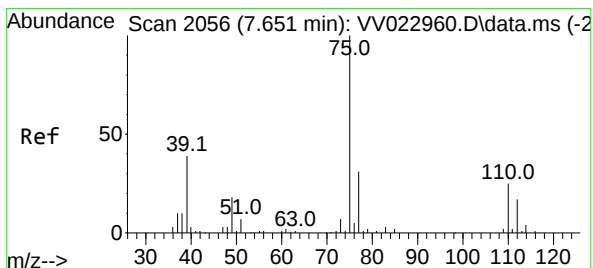
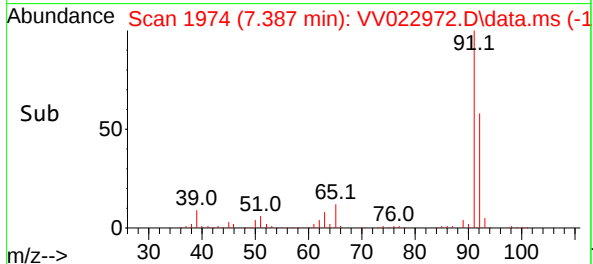
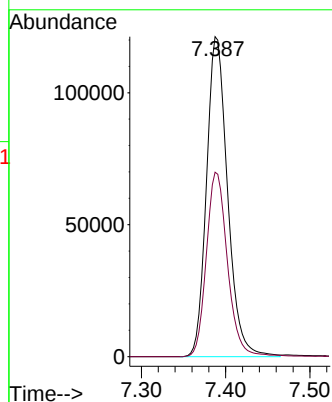
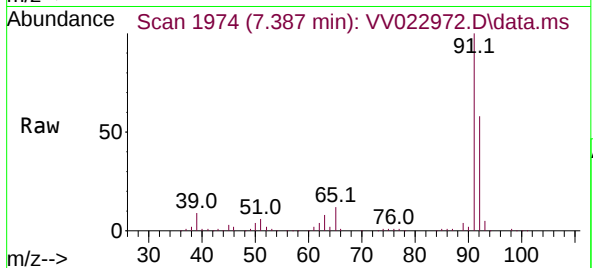
ClientSampleId :

Tgt Ion: 91 Resp: 211035

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.205 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022972.D

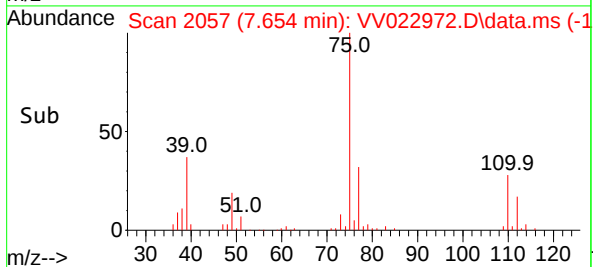
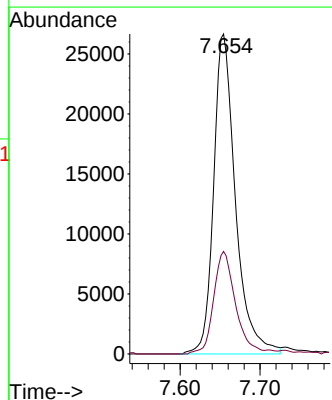
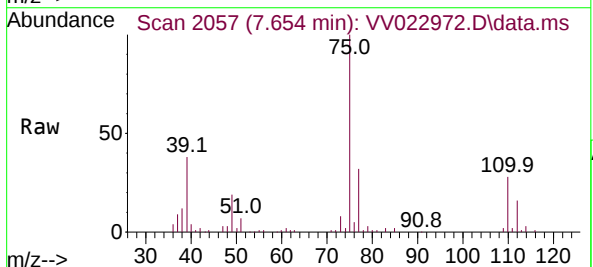
Acq: 21 Oct 2021 22:25

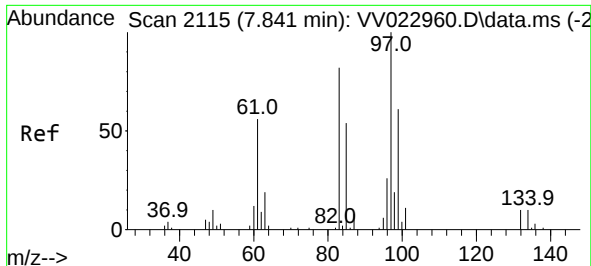
Tgt Ion: 75 Resp: 50559

Ion Ratio Lower Upper

75 100

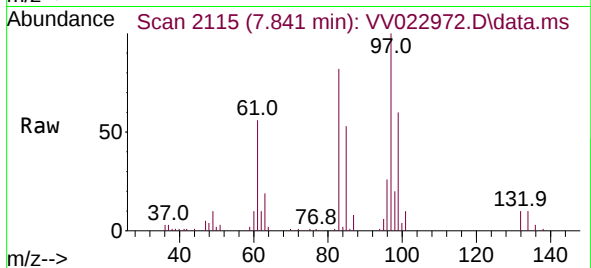
77 32.0 23.9 44.5



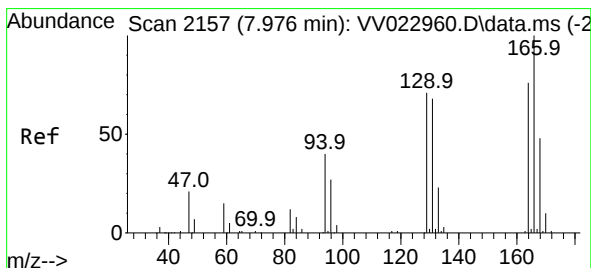
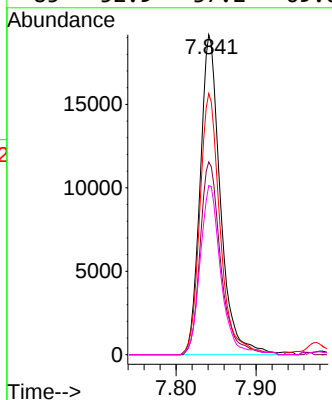
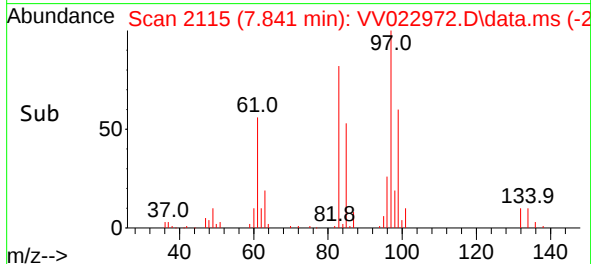


#45
1,1,2-Trichloroethane
Concen: 5.066 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

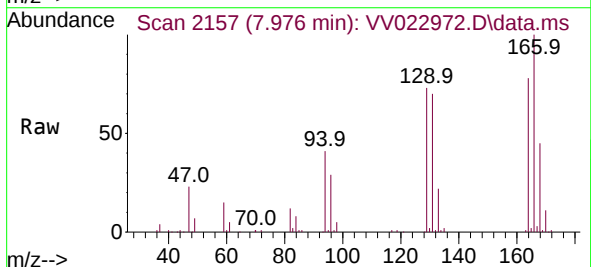
Instrument :
MSVOA_V
ClientSampleId :



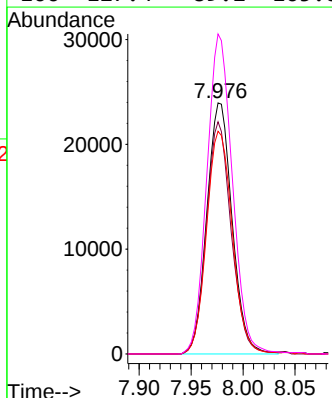
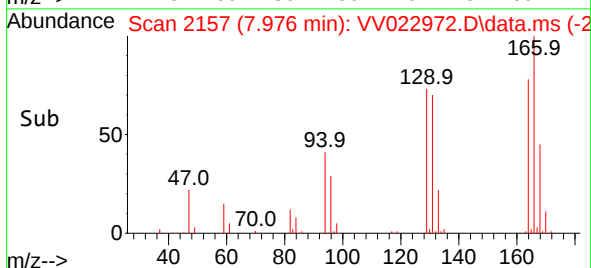
Tgt Ion:	97	Resp:	33832
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.5	82.7
83	81.6	56.6	105.0
85	52.9	37.2	69.0

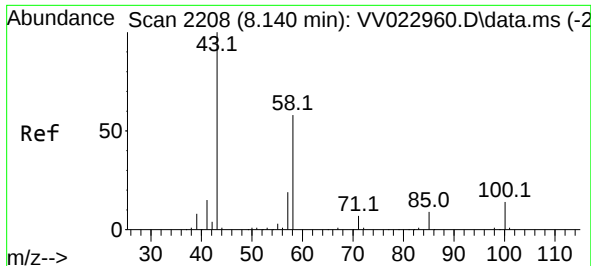


#47
Tetrachloroethene
Concen: 4.936 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25



Tgt Ion:	164	Resp:	40620
Ion	Ratio	Lower	Upper
164	100		
129	92.5	65.0	120.6
131	88.7	62.2	115.4
166	127.4	89.2	165.8

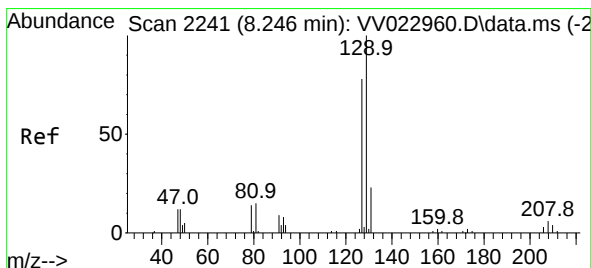
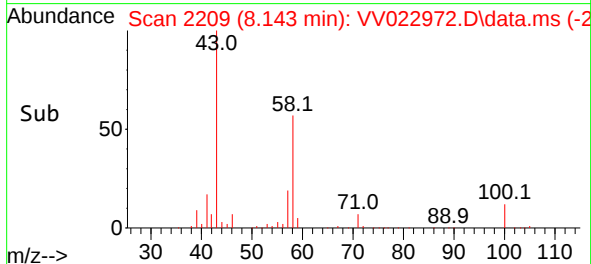
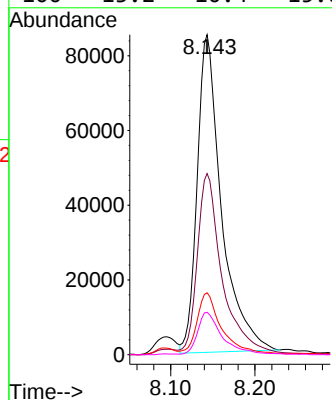
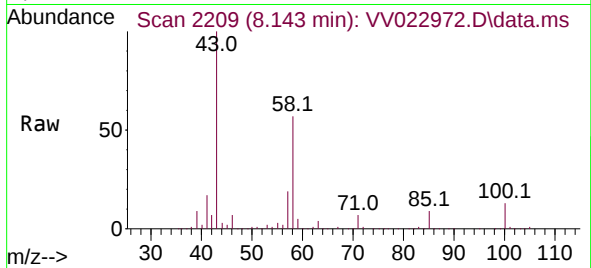




#48
2-Hexanone
Concen: 48.341 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

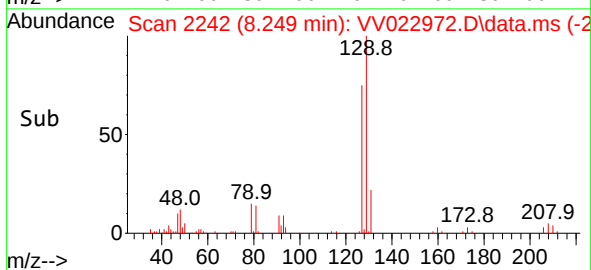
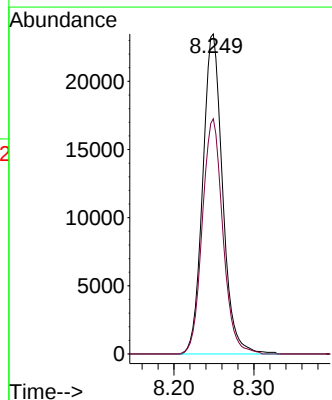
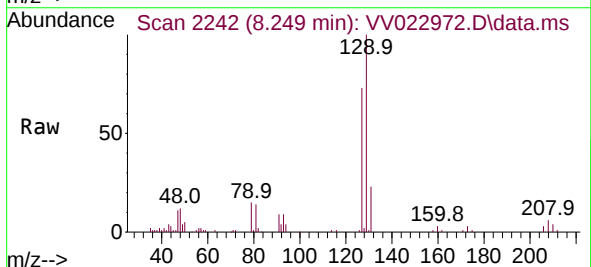
Instrument :
MSVOA_V
ClientSampleId :

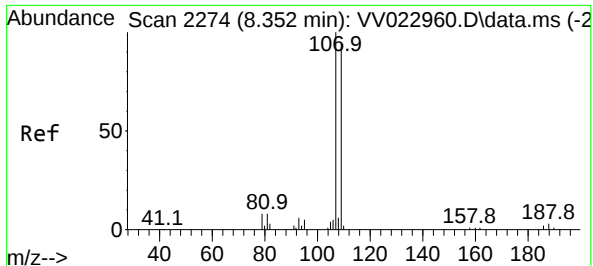
Tgt Ion: 43 Resp: 170928
Ion Ratio Lower Upper
43 100
58 57.9 47.4 71.0
57 19.5 15.3 22.9
100 13.2 10.4 15.6



#49
Dibromochloromethane
Concen: 5.187 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 129 Resp: 40549
Ion Ratio Lower Upper
129 100
127 73.5 59.1 109.9





#50

1,2-Dibromoethane

Concen: 4.960 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV022972.D

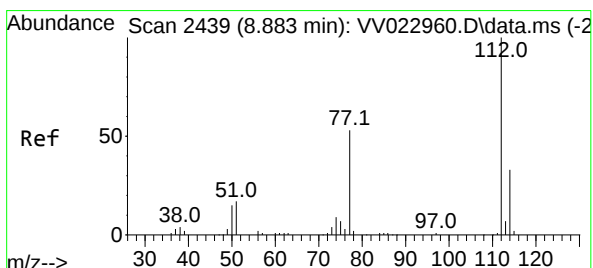
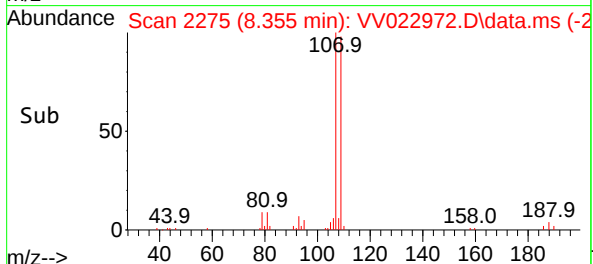
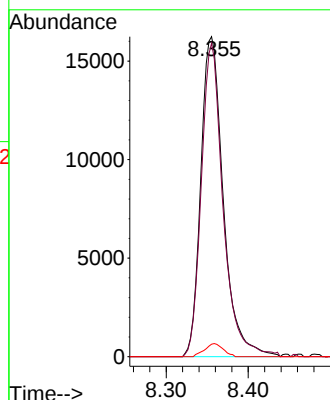
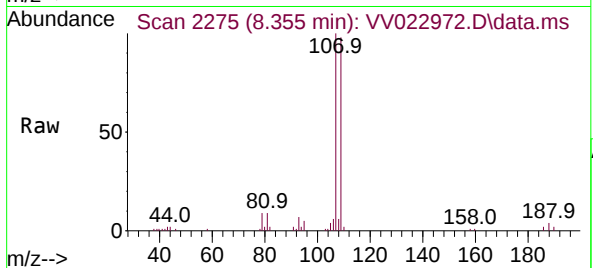
Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30930
Ion	Ratio	Lower	Upper
107	100		
109	98.0	67.1	124.5
188	3.9	3.4	5.0



#51

Chlorobenzene

Concen: 5.261 ug/L

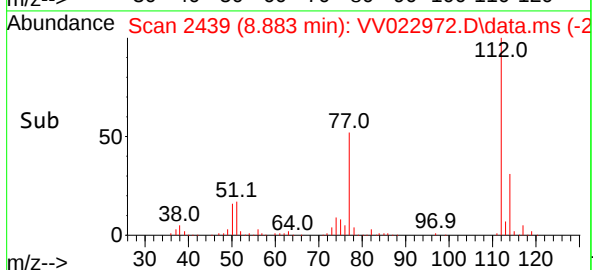
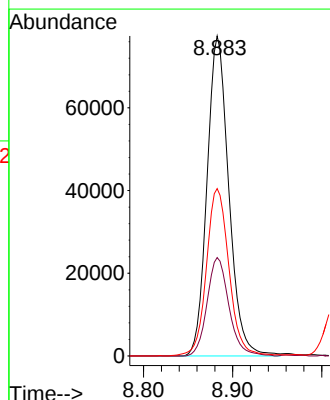
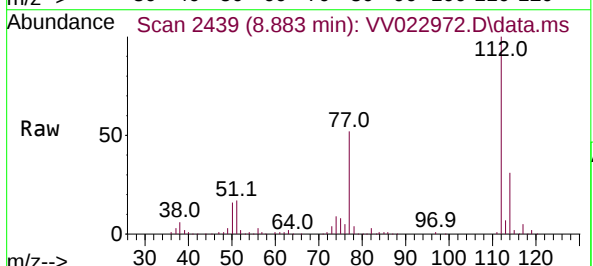
RT: 8.883 min Scan# 2439

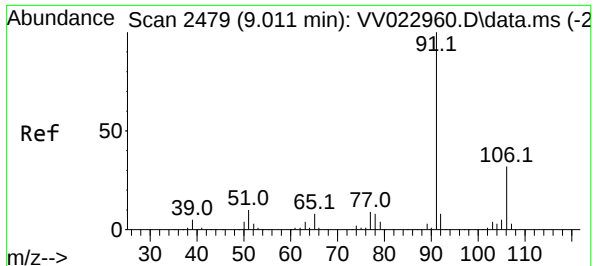
Delta R.T. 0.000 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Tgt Ion:	112	Resp:	131334
Ion	Ratio	Lower	Upper
112	100		
114	30.8	21.6	40.2
77	52.3	43.7	65.5





#52

Ethylbenzene

Concen: 5.193 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

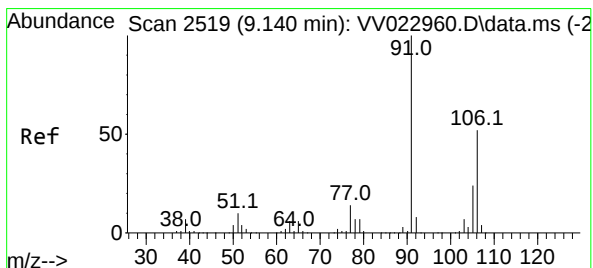
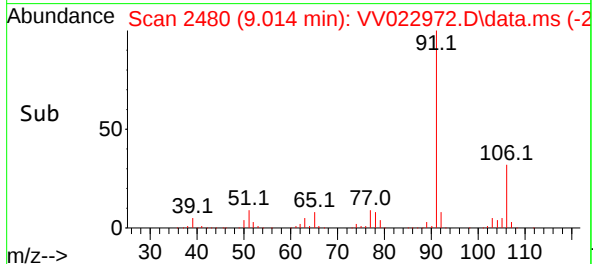
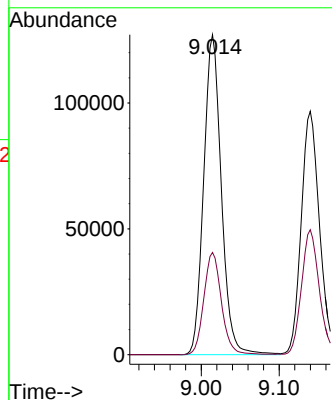
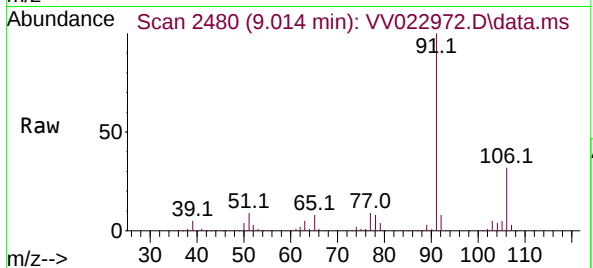
ClientSampleId :

Tgt Ion: 91 Resp: 200305

Ion Ratio Lower Upper

91 100

106 32.0 21.6 40.2



#53

m,p-xylene

Concen: 5.246 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022972.D

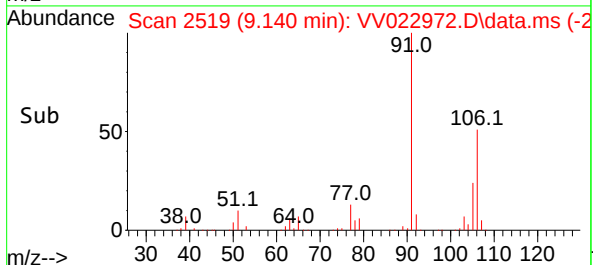
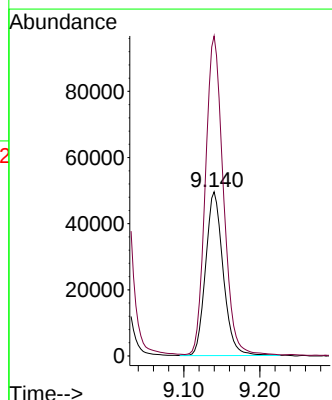
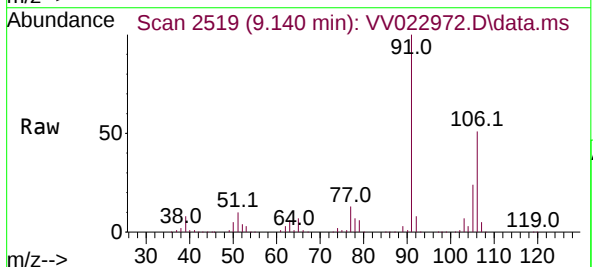
Acq: 21 Oct 2021 22:25

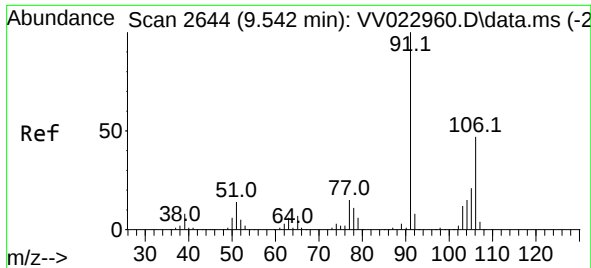
Tgt Ion: 106 Resp: 79404

Ion Ratio Lower Upper

106 100

91 195.0 138.7 257.5

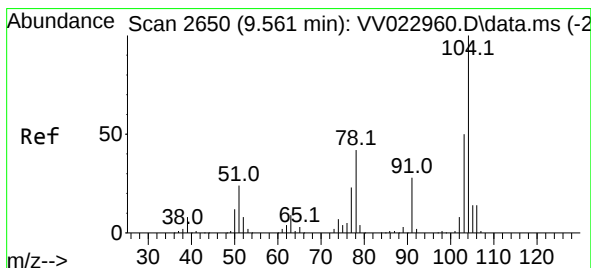
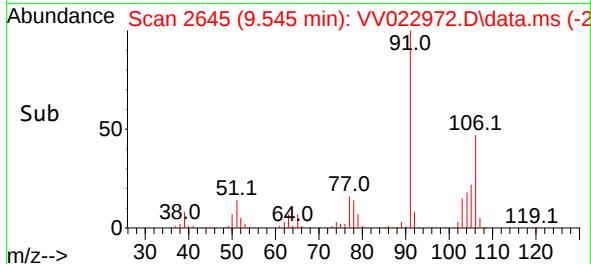
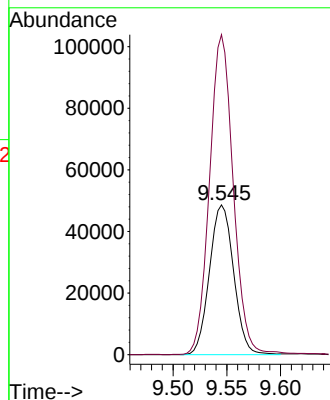
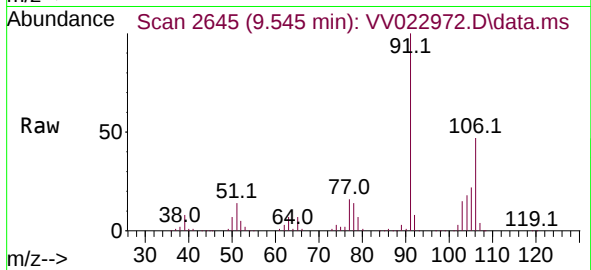




#54
o-xylene
Concen: 5.351 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

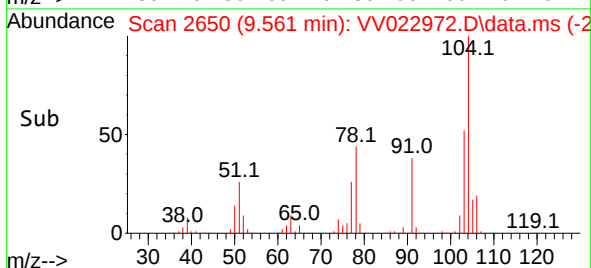
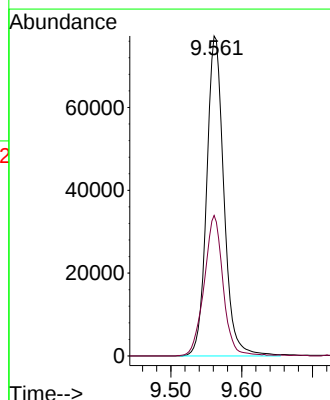
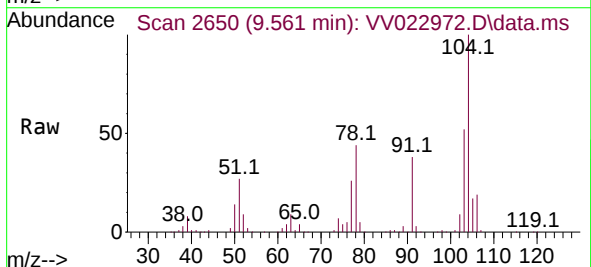
Instrument :
MSVOA_V
ClientSampleId :

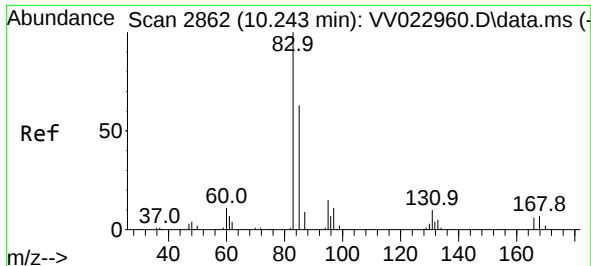
Tgt Ion:106 Resp: 76194
Ion Ratio Lower Upper
106 100
91 213.8 151.1 280.7



#55
Styrene
Concen: 5.322 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion:104 Resp: 130593
Ion Ratio Lower Upper
104 100
78 43.9 29.5 54.7

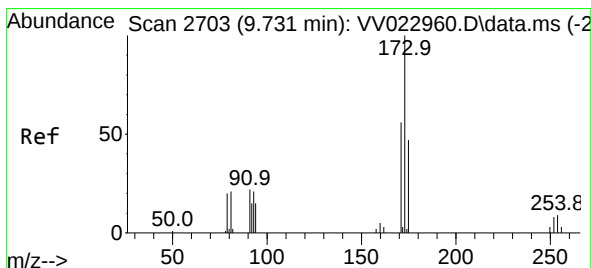
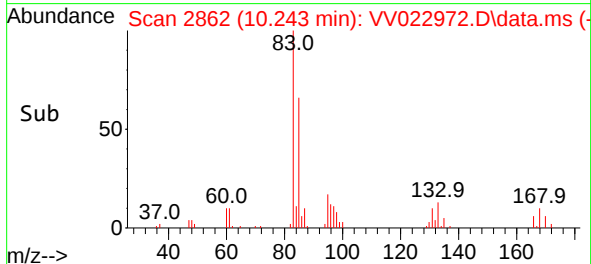
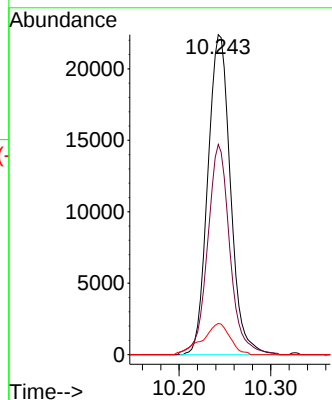
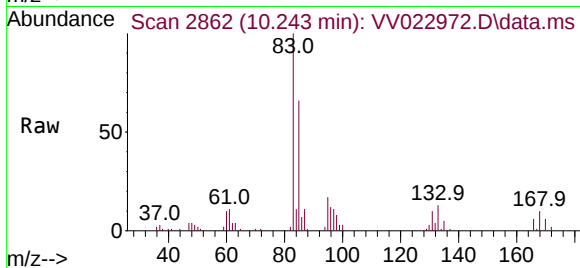




#57
1,1,2,2-Tetrachloroethane
Concen: 5.674 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

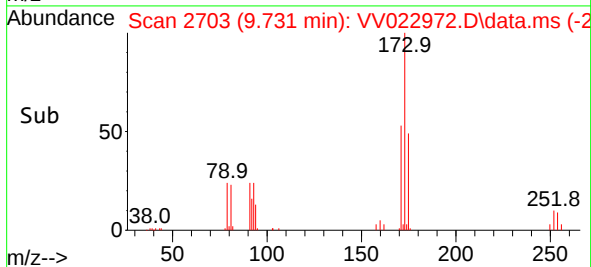
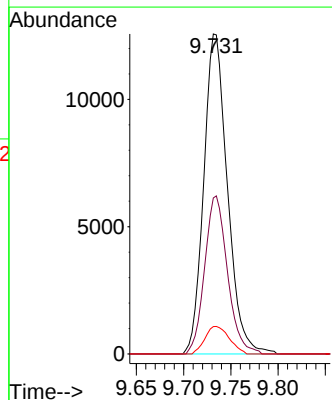
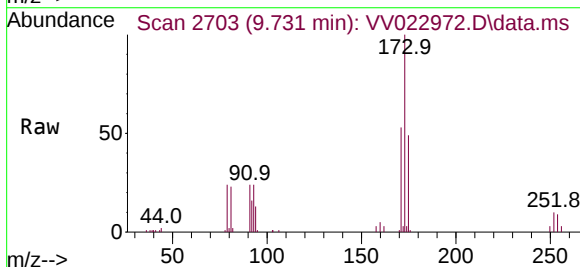
Instrument :
MSVOA_V
ClientSampleId :

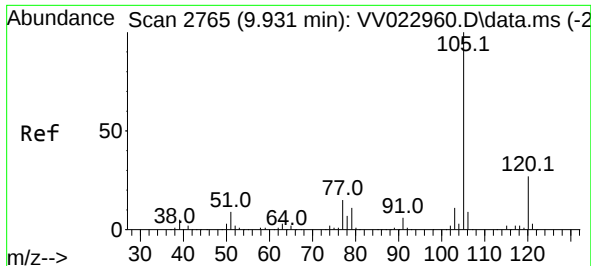
Tgt Ion: 83 Resp: 38338
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
131 9.8 8.4 12.6



#59
Bromoform
Concen: 5.304 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

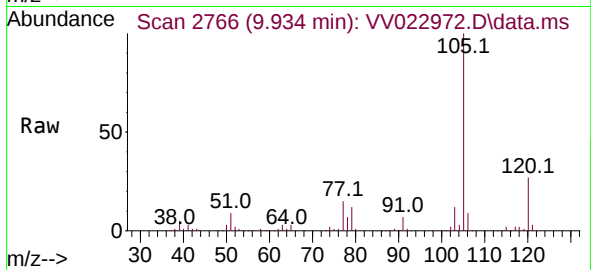
Tgt Ion: 173 Resp: 21899
Ion Ratio Lower Upper
173 100
175 47.6 38.3 57.5
254 8.8 7.1 10.7



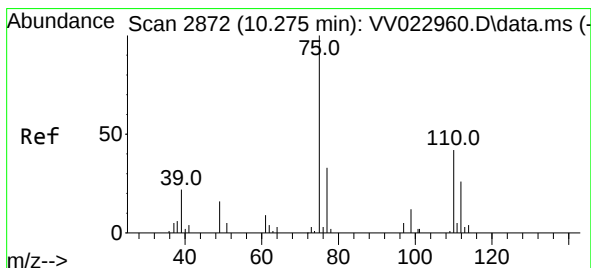
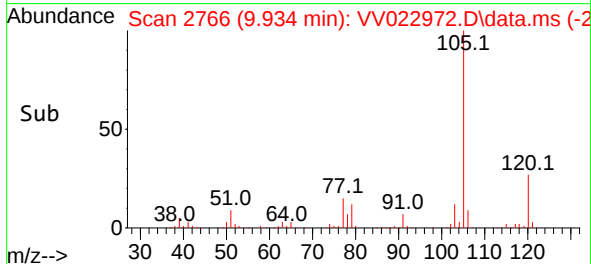
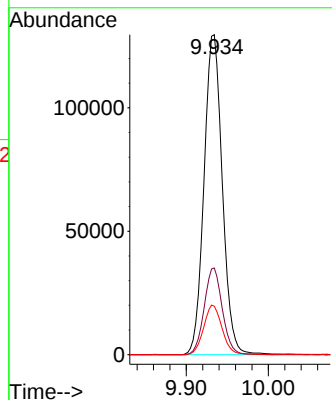


#60
Isopropylbenzene
Concen: 5.362 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Instrument :
MSVOA_V
ClientSampleId :

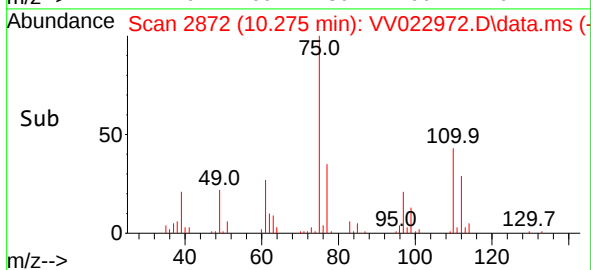
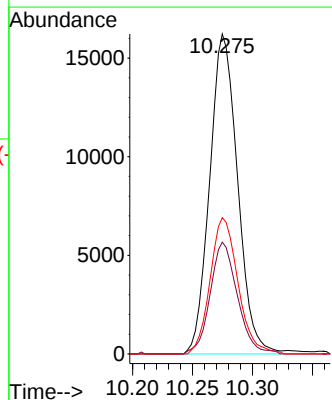
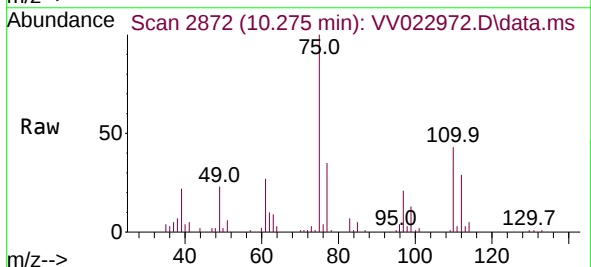


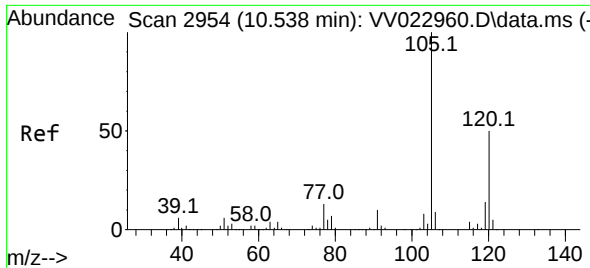
Tgt Ion:105 Resp: 200726
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.113 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion: 75 Resp: 26183
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.2
110 42.5 34.2 51.4

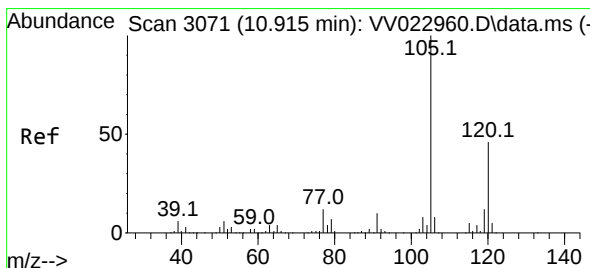
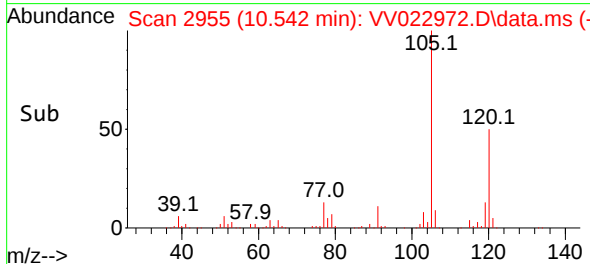
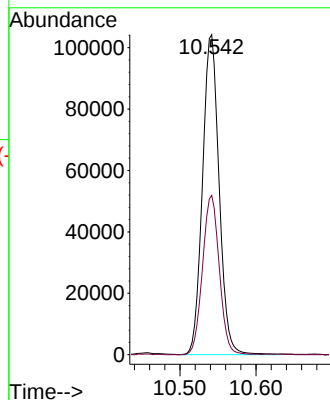
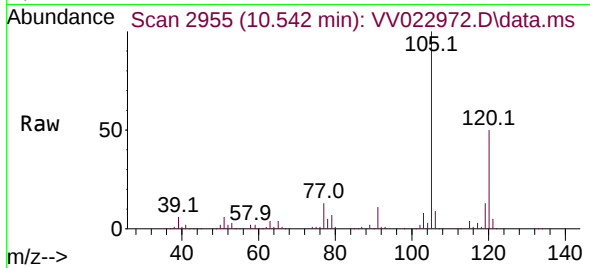




#62
 1,3,5-Trimethylbenzene
 Concen: 5.233 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

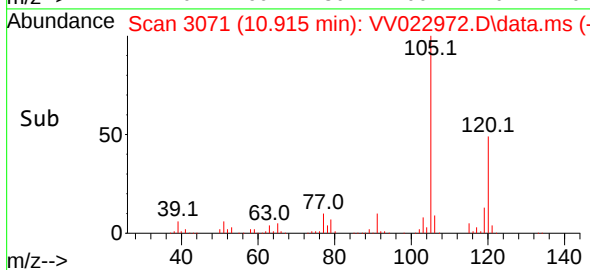
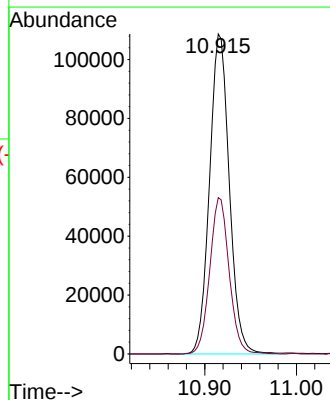
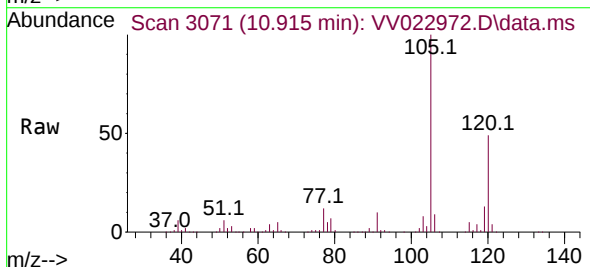
Instrument :
 MSVOA_V
 ClientSampleId :

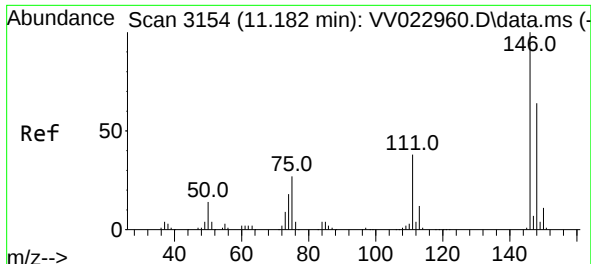
Tgt Ion:105 Resp: 158279
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.383 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

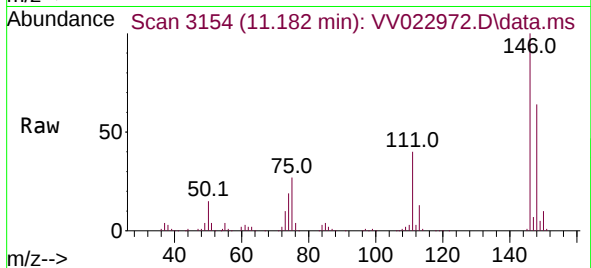
Tgt Ion:105 Resp: 162956
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.3 55.9



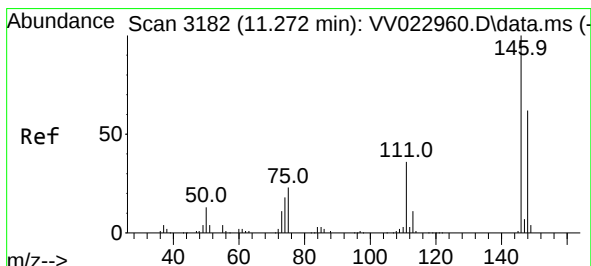
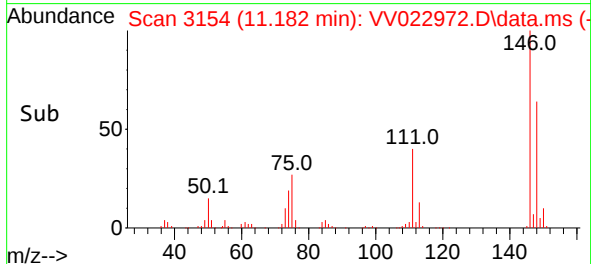
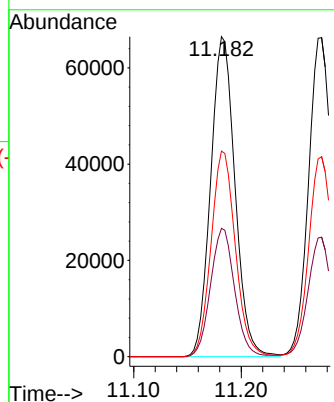


#64
1,3-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Instrument :
MSVOA_V
ClientSampleId :

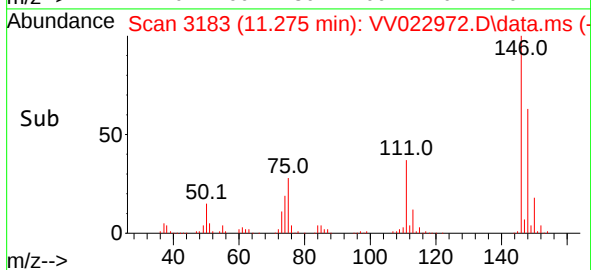
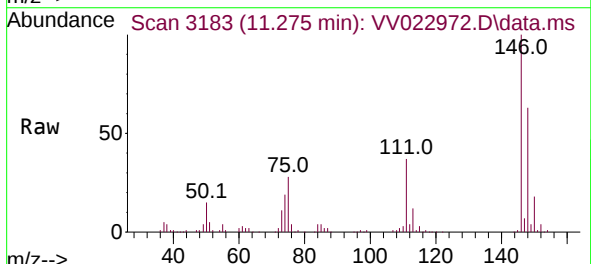
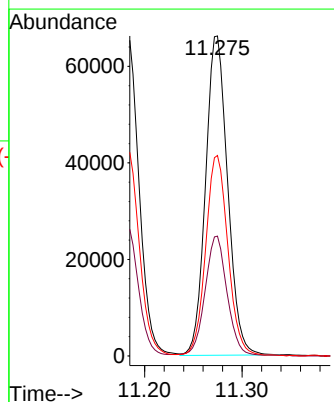


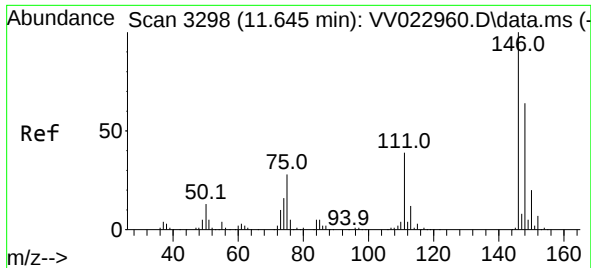
Tgt Ion:146 Resp: 104570
Ion Ratio Lower Upper
146 100
111 40.1 26.7 49.5
148 64.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion:146 Resp: 104122
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 62.7 44.9 83.5

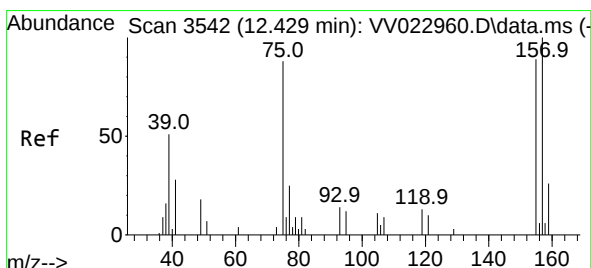
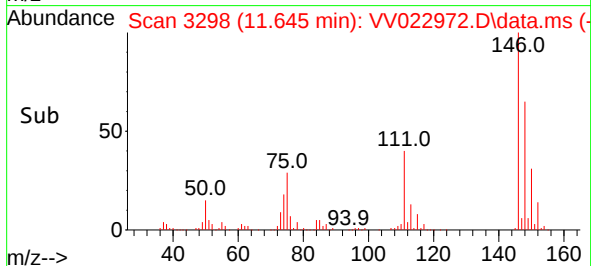
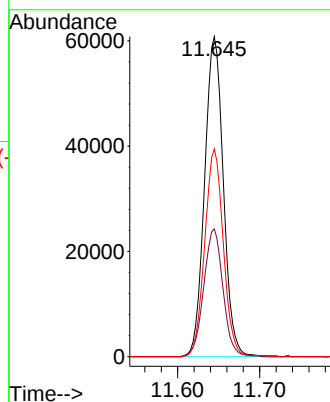
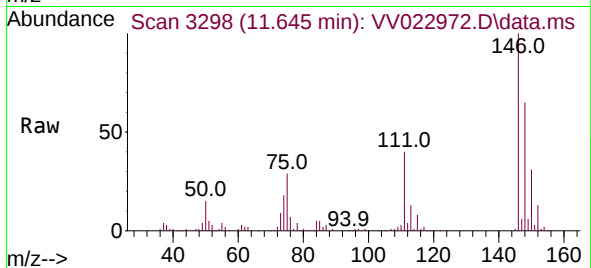




#67
 1,2-Dichlorobenzene
 Concen: 5.243 ug/L
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

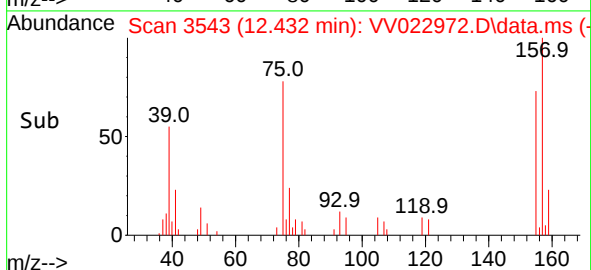
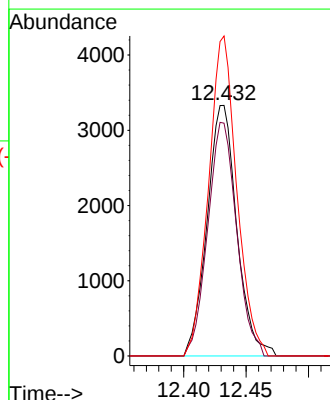
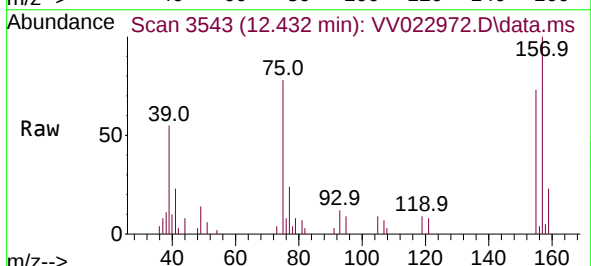
Instrument :
 MSVOA_V
 ClientSampleId :

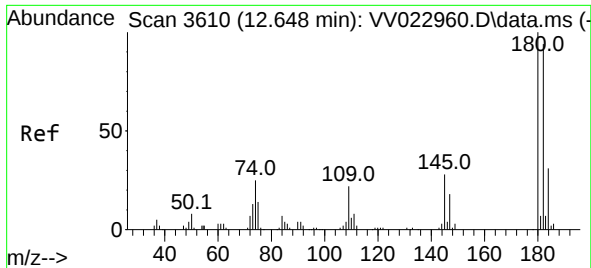
Tgt Ion:146 Resp: 96631
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.3 48.5
 148 64.9 52.1 78.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.918 ug/L
 RT: 12.432 min Scan# 3543
 Delta R.T. 0.003 min
 Lab File: VV022972.D
 Acq: 21 Oct 2021 22:25

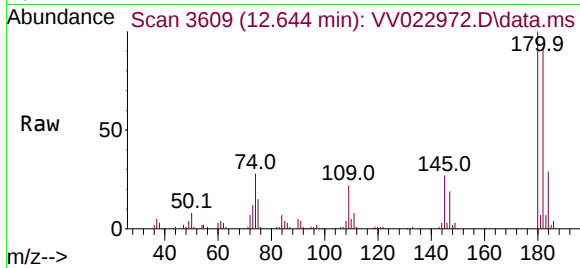
Tgt Ion: 75 Resp: 5516
 Ion Ratio Lower Upper
 75 100
 155 92.9 82.4 123.6
 157 127.7 114.1 171.1



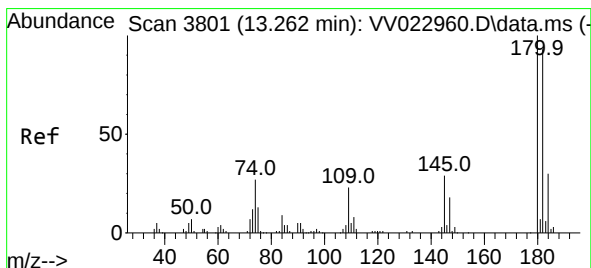
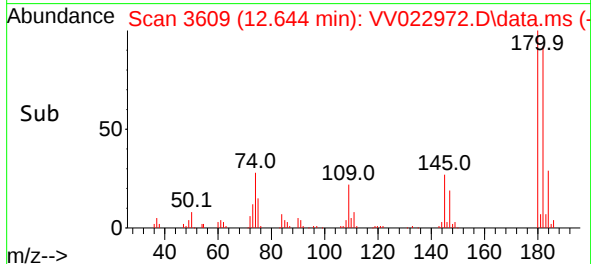
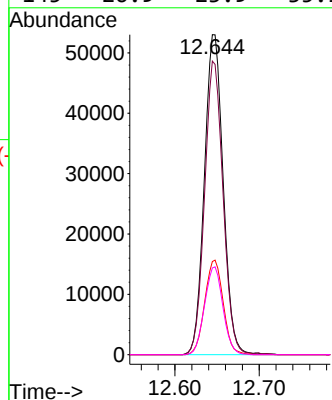


#69
1,3,5-Trichlorobenzene
Concen: 5.570 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Instrument :
MSVOA_V
ClientSampleId :

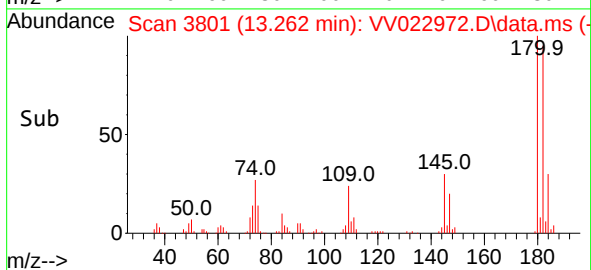
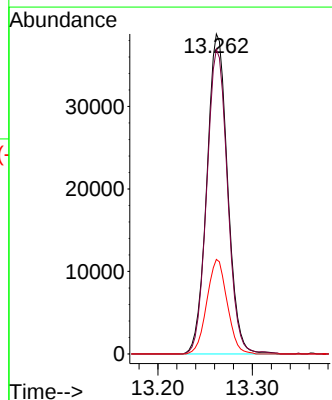
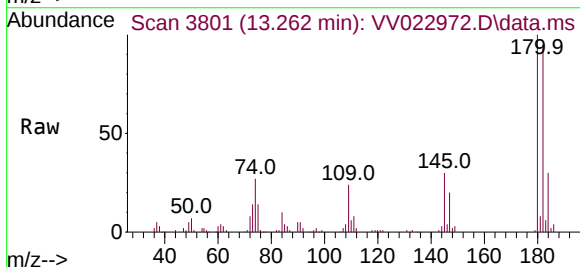


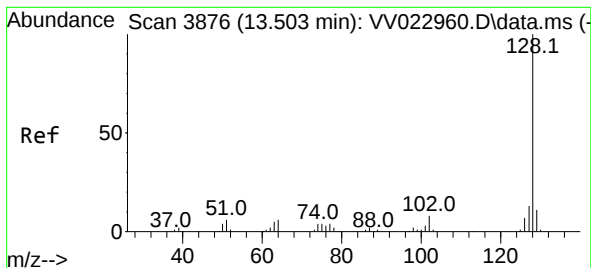
Tgt Ion:180 Resp: 82439
Ion Ratio Lower Upper
180 100
182 90.2 77.0 115.6
184 29.0 24.5 36.7
145 26.9 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 5.237 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022972.D
Acq: 21 Oct 2021 22:25

Tgt Ion:180 Resp: 59215
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 28.9 24.1 36.1





#71

Naphthalene

Concen: 4.952 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Instrument :

MSVOA_V

ClientSampleId :

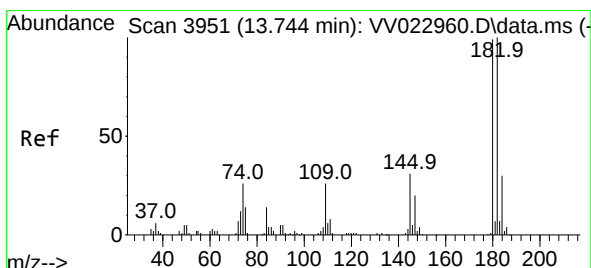
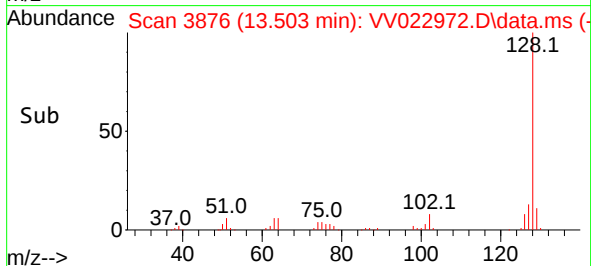
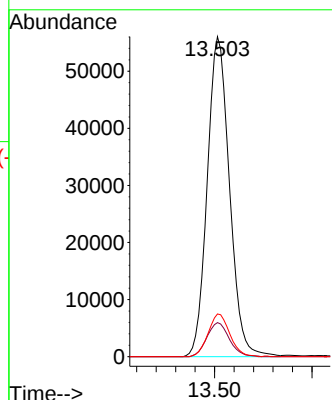
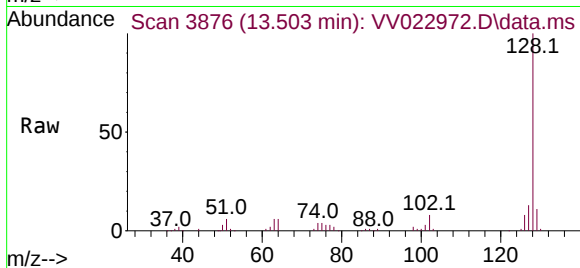
Tgt Ion:128 Resp: 88989

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

127 13.0 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 5.363 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV022972.D

Acq: 21 Oct 2021 22:25

Tgt Ion:180 Resp: 57180

Ion Ratio Lower Upper

180 100

182 90.5 75.5 113.3

145 30.5 24.7 37.1

