

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024244.D
 Acq On : 30 Dec 2021 19:54
 Operator : SY/MD
 Sample : VSTD05071
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 05:02:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233641	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	86905	51.683	ug/L	0.00
7) Chloroethane-d5	1.568	69	66875	52.354	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	160839	51.180	ug/L	0.00
21) 2-Butanone-d5	3.886	46	98104	104.197	ug/L	0.00
24) Chloroform-d	4.349	84	161263	52.474	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	107844	52.413	ug/L	0.00
32) Benzene-d6	5.050	84	304953	51.872	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	84622	51.361	ug/L	0.00
41) Toluene-d8	7.313	98	302698	53.178	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	50024	52.727	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	76601	107.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	123268	52.353	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	126751	49.435	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	99410	52.739	ug/L	100
3) Chloromethane	1.243	50	81283	51.327	ug/L	100
5) Vinyl chloride	1.311	62	87832	52.418	ug/L	100
6) Bromomethane	1.523	94	50109	52.479	ug/L	100
8) Chloroethane	1.587	64	56415	54.546	ug/L	100
9) Trichlorofluoromethane	1.754	101	157045	52.141	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	76530	51.991	ug/L	100
12) 1,1-Dichloroethene	2.121	96	75416	52.992	ug/L	100
13) Acetone	2.179	43	96361	109.641	ug/L	100
14) Carbon disulfide	2.294	76	215293	52.102	ug/L	100
15) Methyl Acetate	2.433	43	70243	52.213	ug/L	100
16) Methylene chloride	2.507	84	79666	51.404	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	77089	52.567	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	242731	53.705	ug/L	100
19) 1,1-Dichloroethane	3.191	63	129426	53.210	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	83449	53.281	ug/L	100
22) 2-Butanone	3.970	43	106983	108.960	ug/L	100
23) Bromochloromethane	4.246	128	48649	53.908	ug/L	100
25) Chloroform	4.375	83	151855	53.396	ug/L	100
27) 1,2-Dichloroethane	5.130	62	123268	53.290	ug/L	100
29) Cyclohexane	4.680	56	108981	54.116	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	145009	52.314	ug/L	100
31) Carbon tetrachloride	4.831	117	135248	52.593	ug/L	100
33) Benzene	5.098	78	309239	53.984	ug/L	100
34) Trichloroethene	5.915	95	83017	52.553	ug/L	100
35) Methylcyclohexane	6.130	83	126493	53.993	ug/L	100
37) 1,2-Dichloropropane	6.172	63	70320	52.191	ug/L	100
38) Bromodichloromethane	6.510	83	111969	52.958	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	119849	52.915	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	190735	108.560	ug/L	100
42) Toluene	7.387	91	347334	54.015	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124553	54.212	ug/L	100

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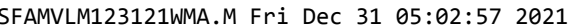
Quant Time: Dec 31 05:02:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

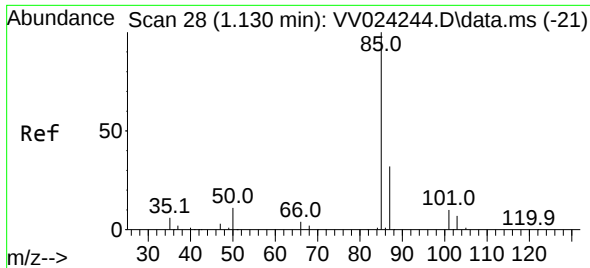
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	79721	52.779	ug/L	100
46) Tetrachloroethene	7.976	164	75962	52.833	ug/L	100
48) 2-Hexanone	8.140	43	157856	111.862	ug/L	100
49) Dibromochloromethane	8.246	129	100222	52.934	ug/L	100
50) 1,2-Dibromoethane	8.352	107	86552	53.349	ug/L	100
51) Chlorobenzene	8.883	112	226559	52.310	ug/L	100
52) Ethylbenzene	9.011	91	367932	53.560	ug/L	100
53) m,p-Xylene	9.137	106	148467	53.918	ug/L	100
54) o-Xylene	9.542	106	143819	54.715	ug/L	100
55) Styrene	9.558	104	254534	55.762	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	115698	52.457	ug/L	100
59) Bromoform	9.731	173	76265	51.995	ug/L	100
60) Isopropylbenzene	9.931	105	382158	53.689	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	96001	50.825	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	330766	54.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333434	54.548	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	193927	52.840	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	195745	51.717	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	195010	51.556	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	28316	52.055	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	147601	52.285	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	127418	52.776	ug/L	100
71) Naphthalene	13.500	128	380349	54.452	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	134090	53.738	ug/L	100

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

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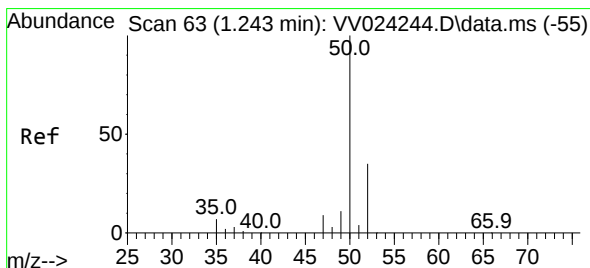
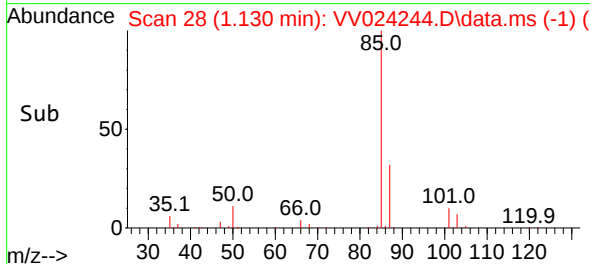
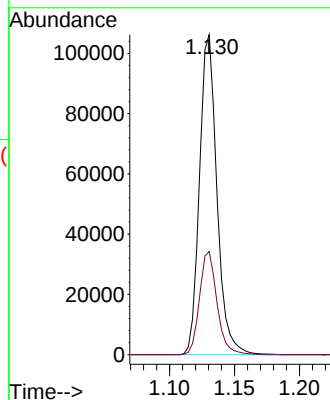
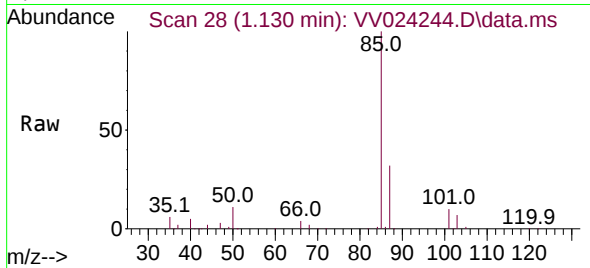




#2
 Dichlorodifluoromethane
 Concen: 52.739 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

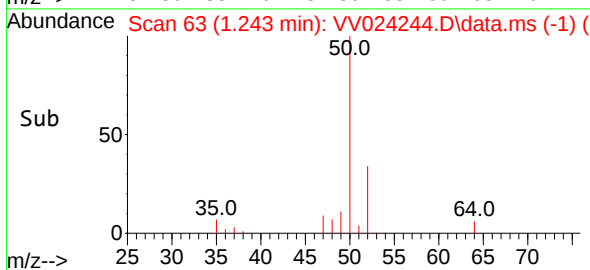
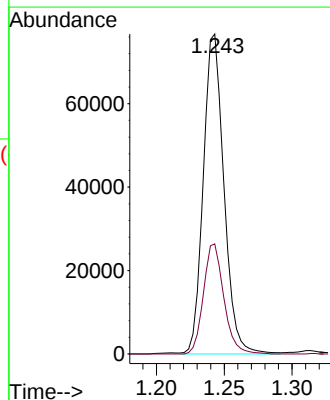
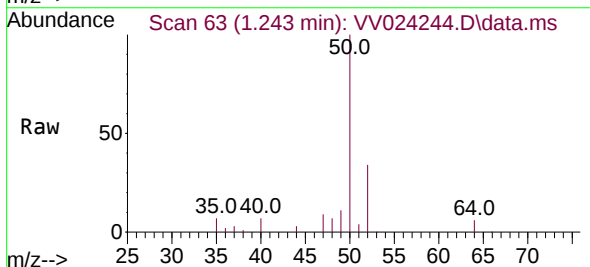
Instrument :
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 ClientSampleId :

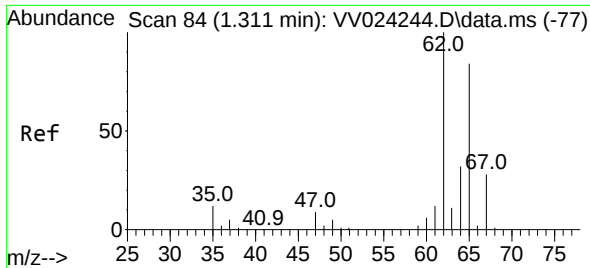
Tgt Ion: 85 Resp: 99410
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 51.327 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

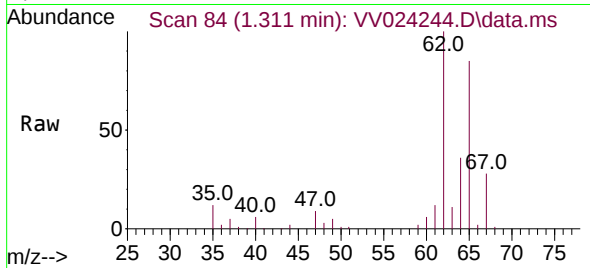
Tgt Ion: 50 Resp: 81283
 Ion Ratio Lower Upper
 50 100
 52 34.4 24.1 44.7



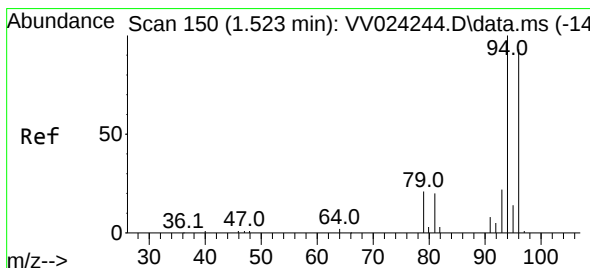
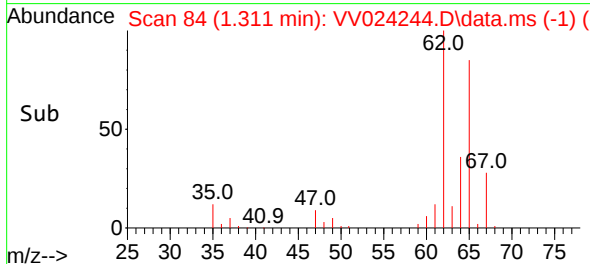
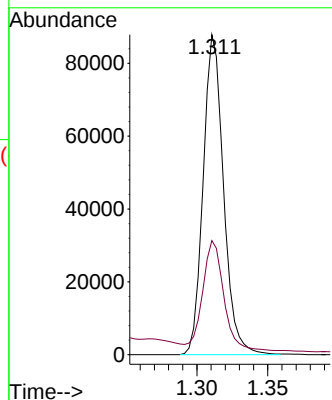


#5
 Vinyl chloride
 Concen: 52.418 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

Instrument :
 MSVOA_V
 ClientSampleId :

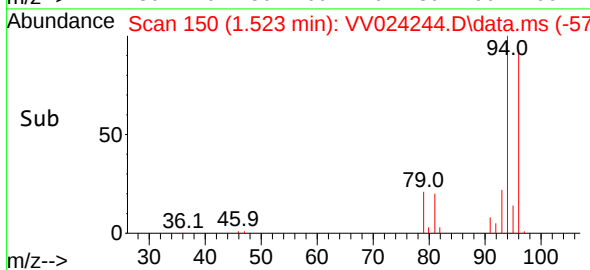
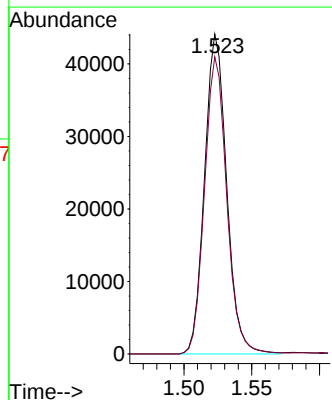
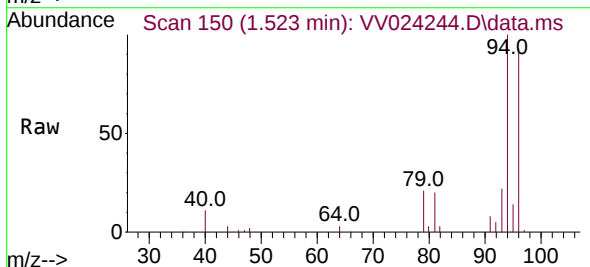


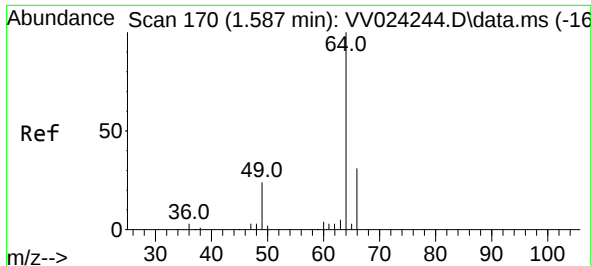
Tgt Ion: 62 Resp: 87832
 Ion Ratio Lower Upper
 62 100
 64 35.7 25.0 46.4



#6
 Bromomethane
 Concen: 52.479 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

Tgt Ion: 94 Resp: 50109
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.0 120.6

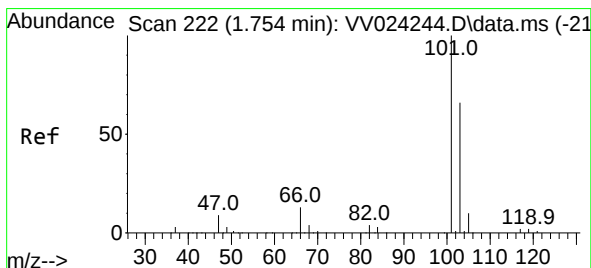
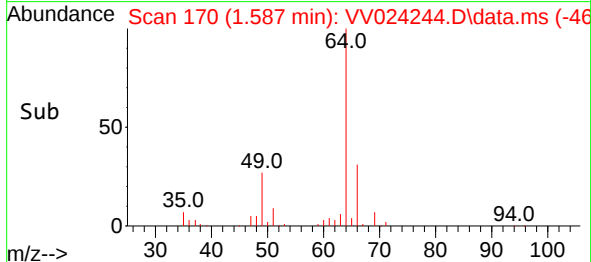
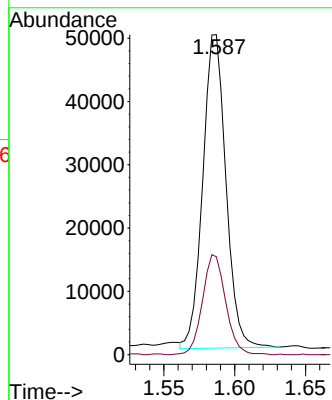
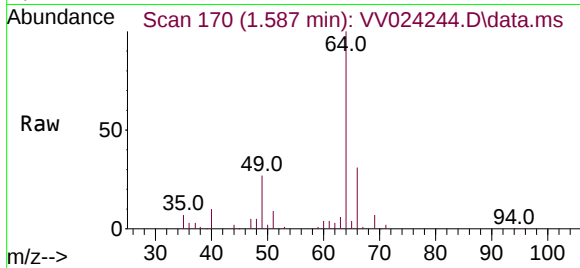




#8
Chloroethane
Concen: 54.546 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

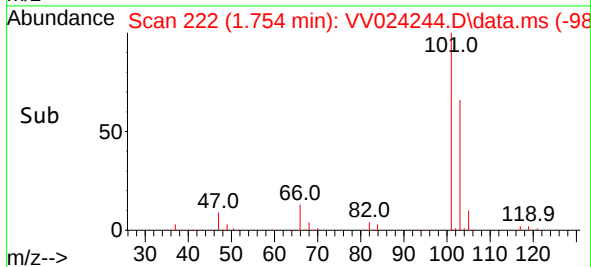
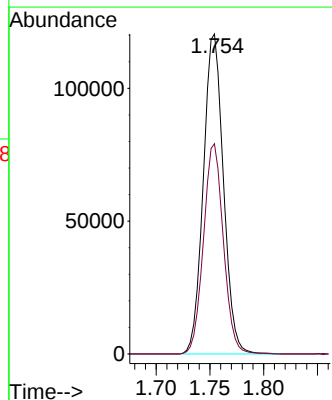
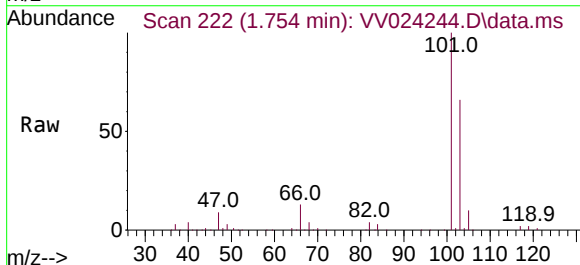
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ClientSampleId :

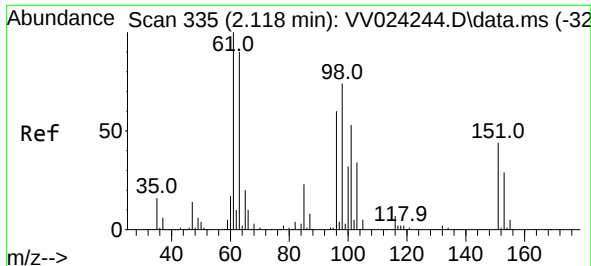
Tgt Ion: 64 Resp: 56415
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 52.141 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 101 Resp: 157045
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.991 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

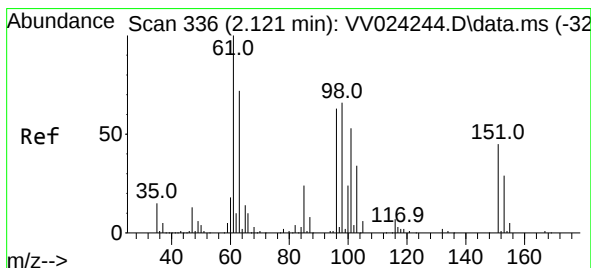
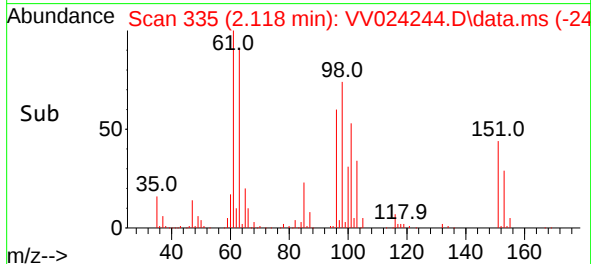
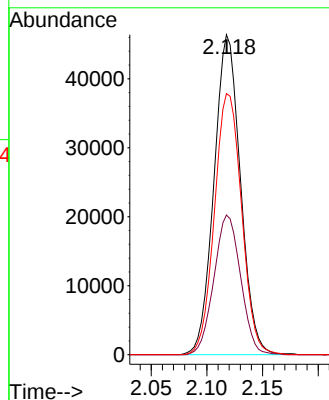
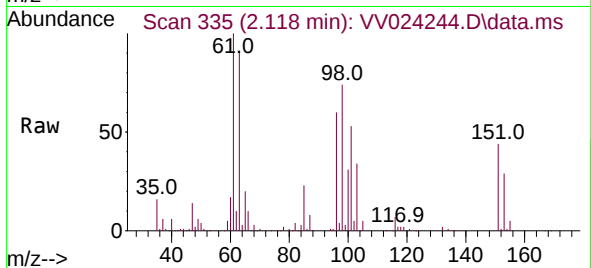
Tgt Ion:101 Resp: 76530

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

151 83.9 67.1 100.7



#12

1,1-Dichloroethene

Concen: 52.992 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

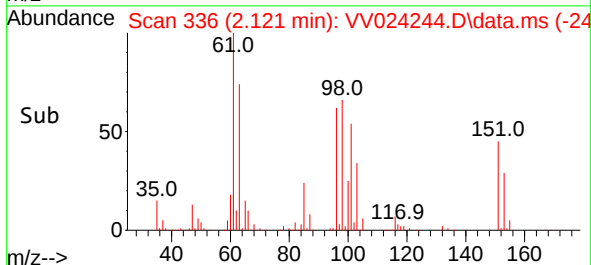
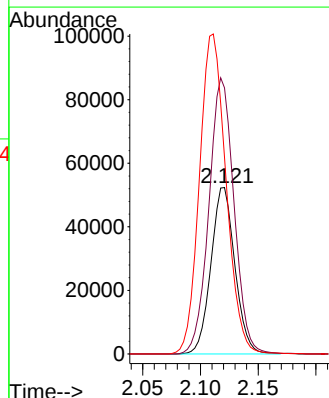
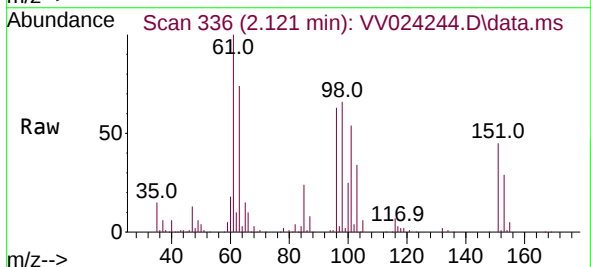
Tgt Ion: 96 Resp: 75416

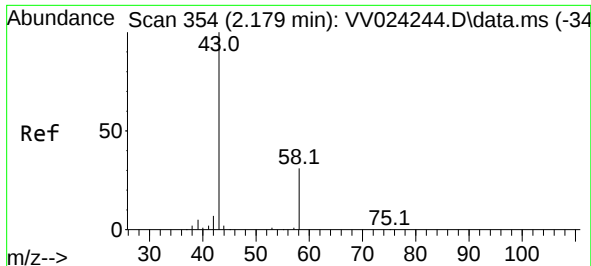
Ion Ratio Lower Upper

96 100

61 159.9 111.9 207.9

63 118.1 82.7 153.5

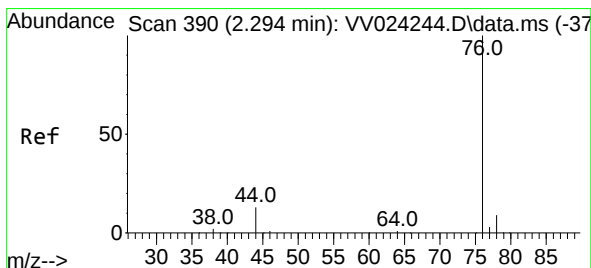
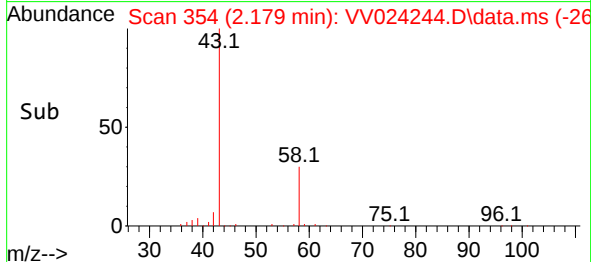
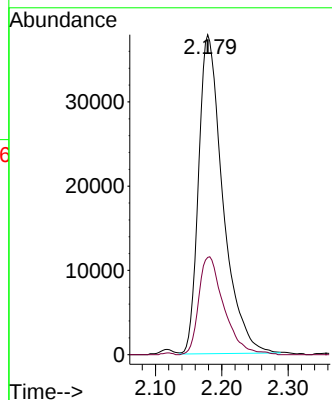
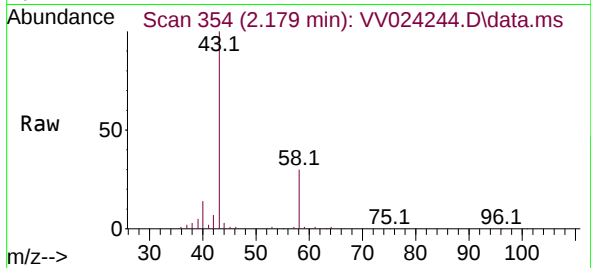




#13
Acetone
Concen: 109.641 ug/L
RT: 2.179 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

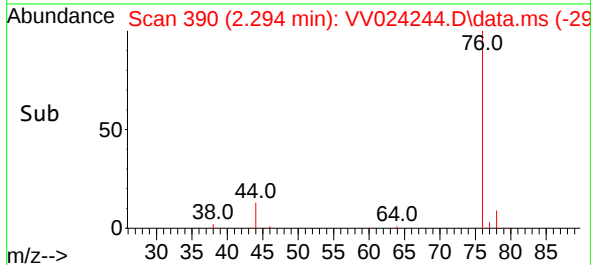
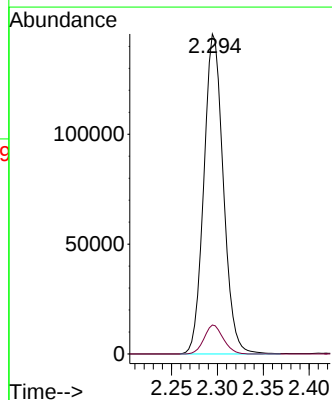
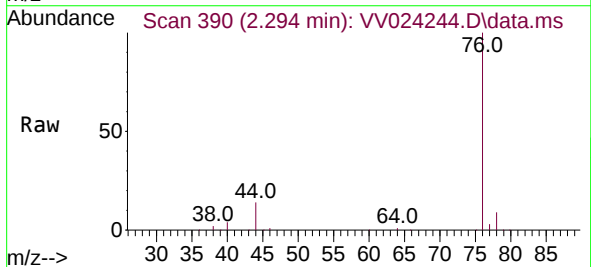
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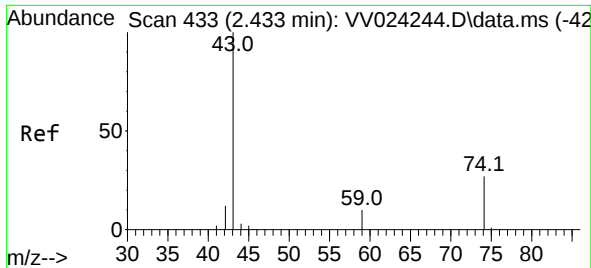
Tgt Ion: 43 Resp: 96361
Ion Ratio Lower Upper
43 100
58 31.5 0.0 63.0



#14
Carbon disulfide
Concen: 52.102 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 76 Resp: 215293
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

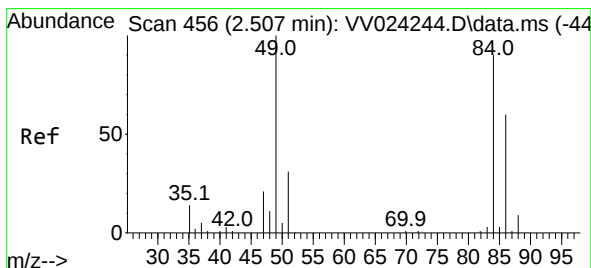
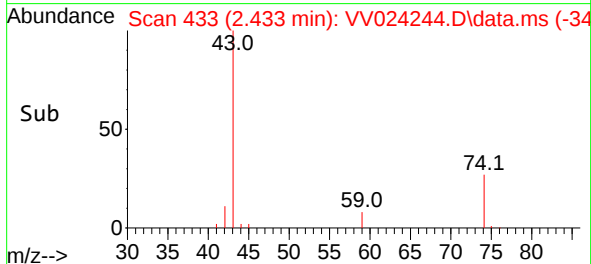
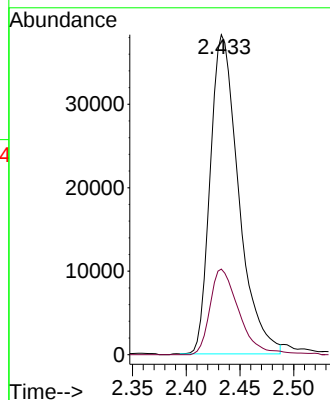
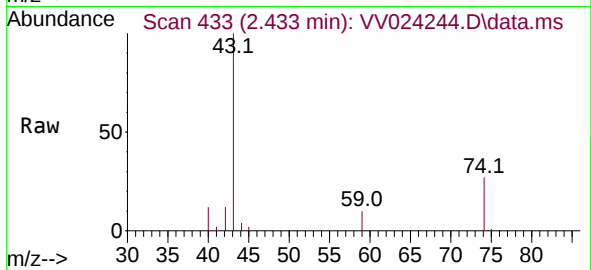




#15
Methyl Acetate
Concen: 52.213 ug/L
RT: 2.433 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

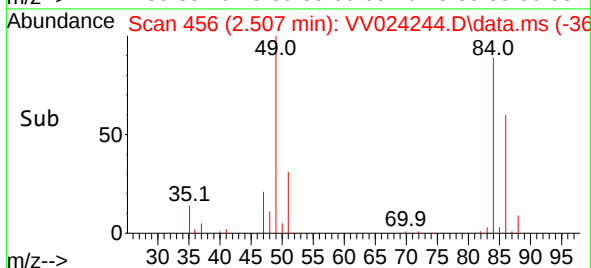
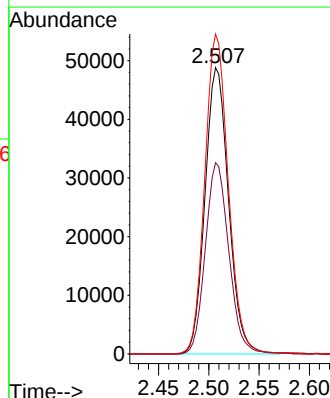
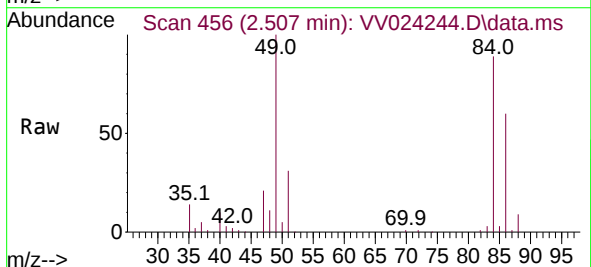
Instrument :
MSVOA_V
ClientSampleId :

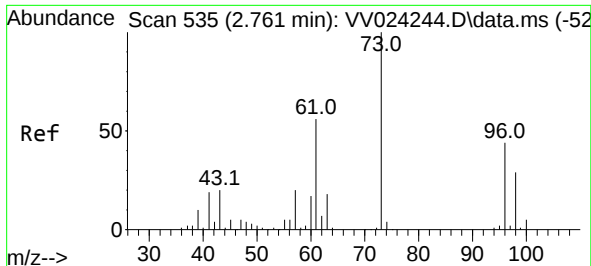
Tgt Ion: 43 Resp: 70243
Ion Ratio Lower Upper
43 100
74 27.3 21.8 32.8



#16
Methylene chloride
Concen: 51.404 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 84 Resp: 79666
Ion Ratio Lower Upper
84 100
86 66.8 46.8 86.8
49 111.8 78.3 145.3

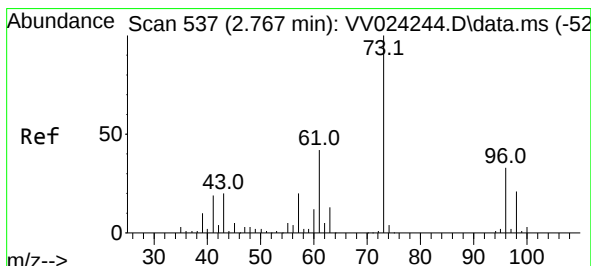
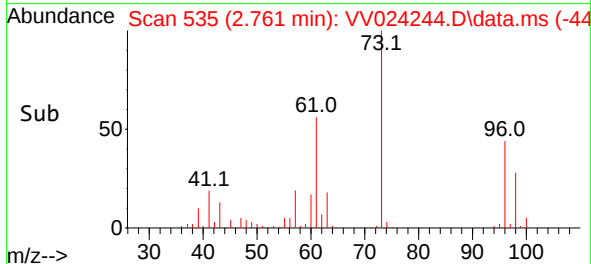
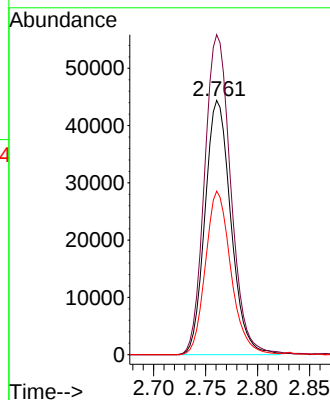
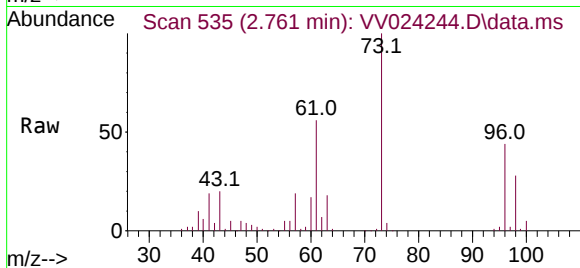




#17
trans-1,2-Dichloroethene
Concen: 52.567 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

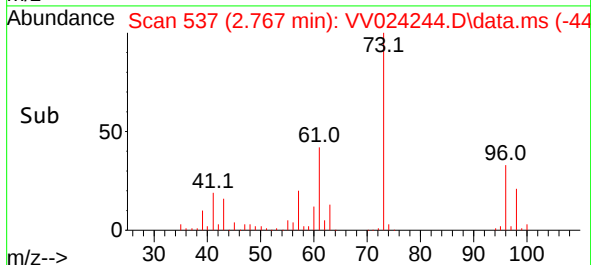
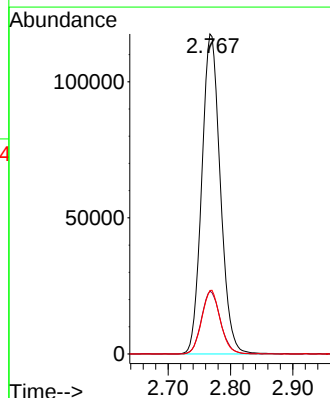
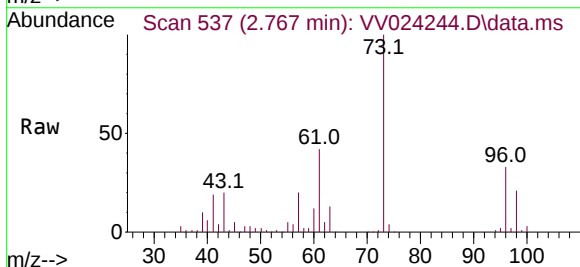
Instrument :
MSVOA_V
ClientSampleId :

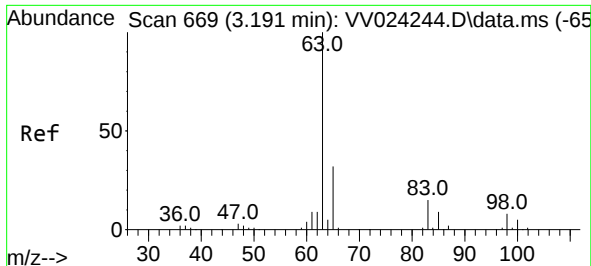
Tgt Ion: 96 Resp: 77089
Ion Ratio Lower Upper
96 100
61 125.9 88.1 163.7
98 64.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 53.705 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 73 Resp: 242731
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2
57 19.9 15.9 23.9





#19

1,1-Dichloroethane

Concen: 53.210 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

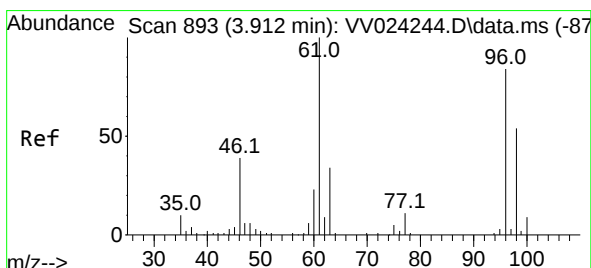
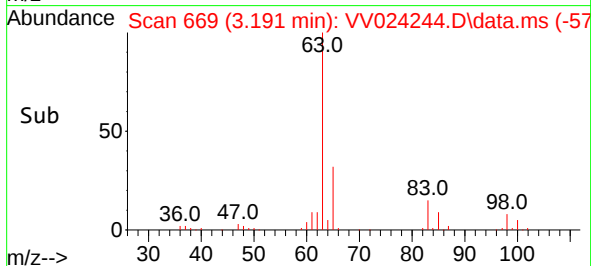
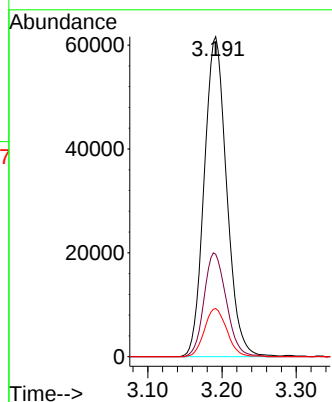
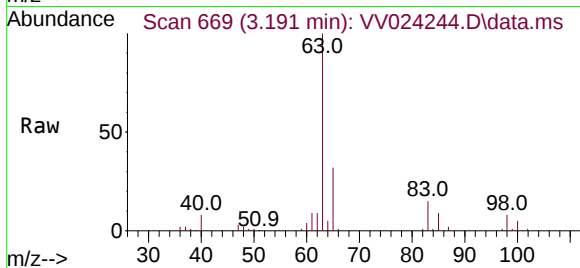
Tgt Ion: 63 Resp: 129426

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 53.281 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

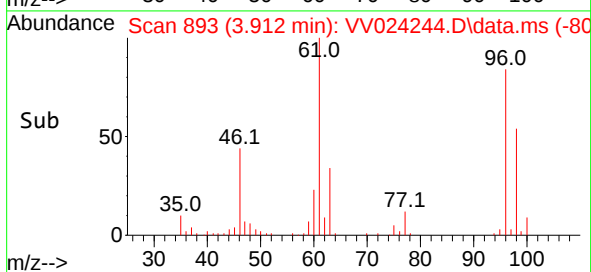
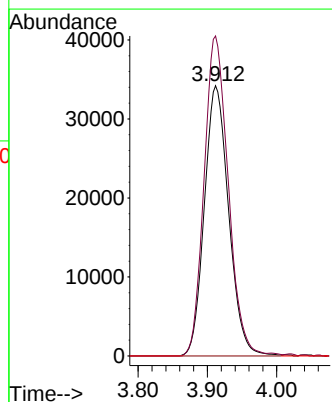
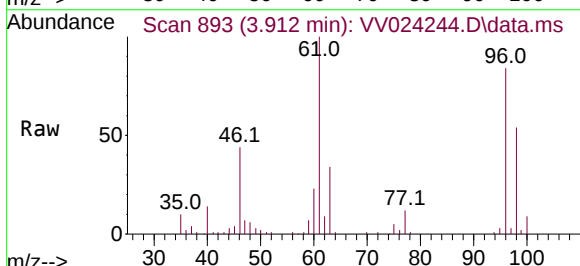
Tgt Ion: 96 Resp: 83449

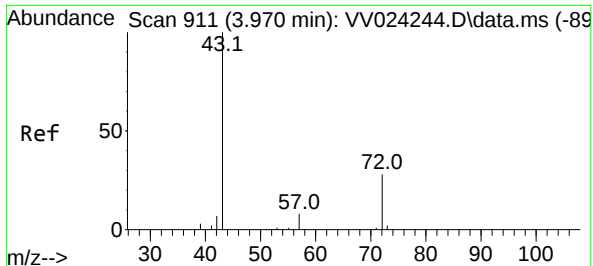
Ion Ratio Lower Upper

96 100

61 118.4 82.9 153.9

68 0.0 0.0 0.0

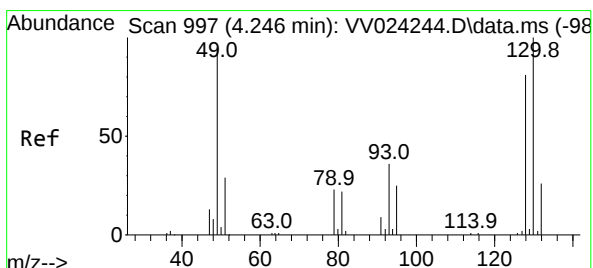
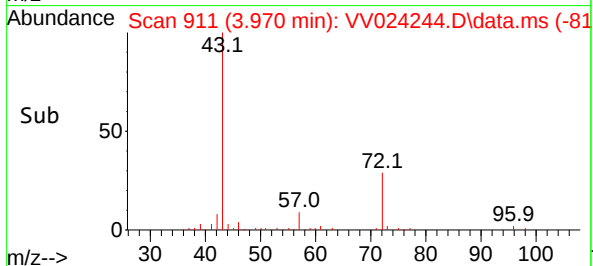
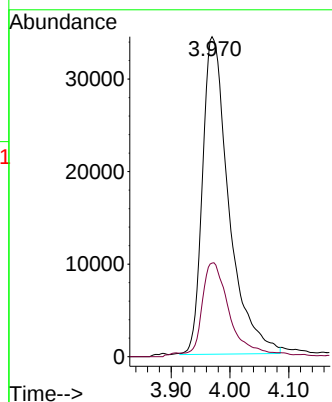
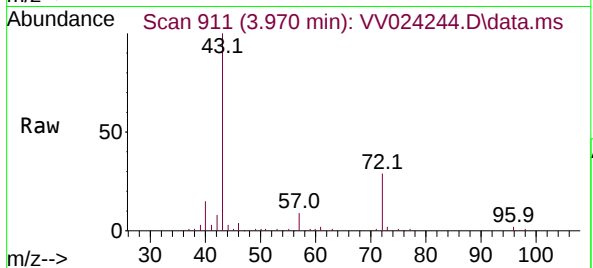




#22
2-Butanone
Concen: 108.960 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

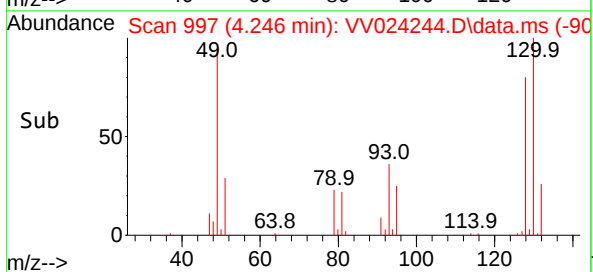
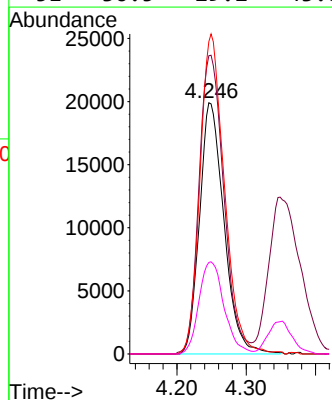
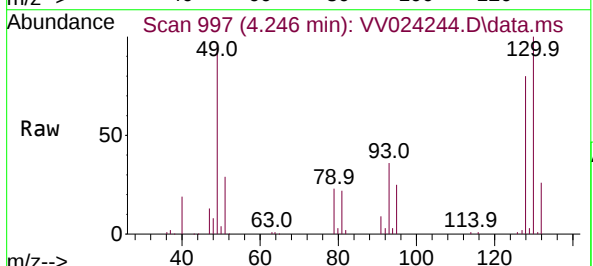
Instrument :
MSVOA_V
ClientSampleId :

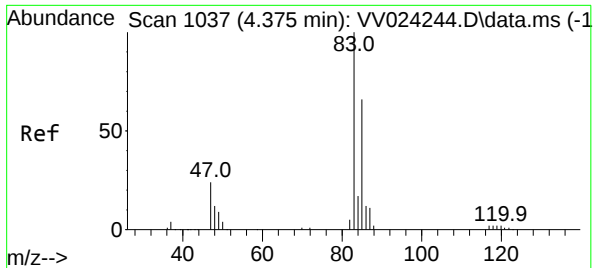
Tgt Ion: 43 Resp: 106983
Ion Ratio Lower Upper
43 100
72 29.9 14.9 44.9



#23
Bromochloromethane
Concen: 53.908 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 128 Resp: 48649
Ion Ratio Lower Upper
128 100
49 118.7 83.1 154.3
130 124.3 87.0 161.6
51 36.5 29.2 43.8

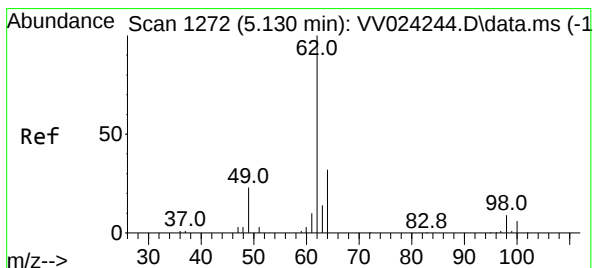
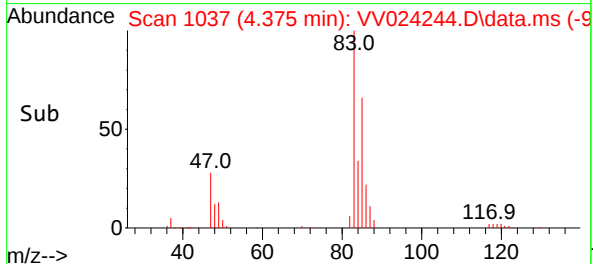
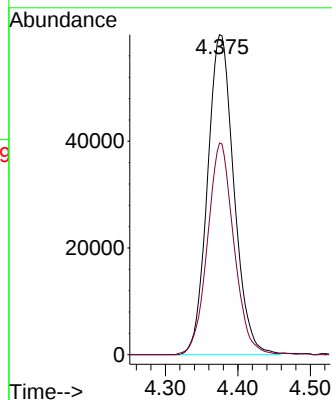
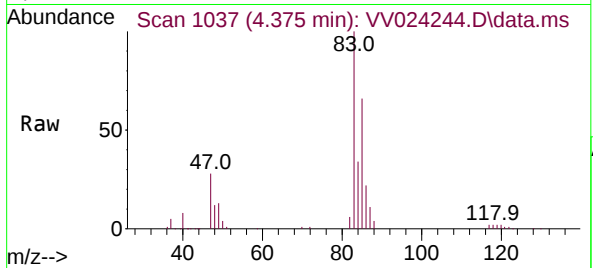




#25
Chloroform
Concen: 53.396 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

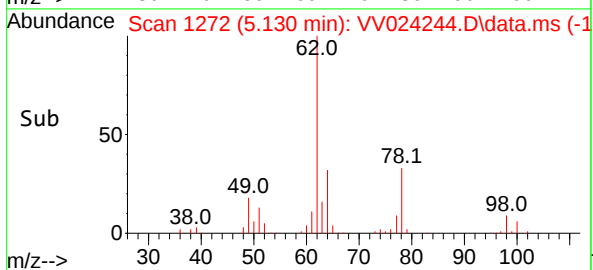
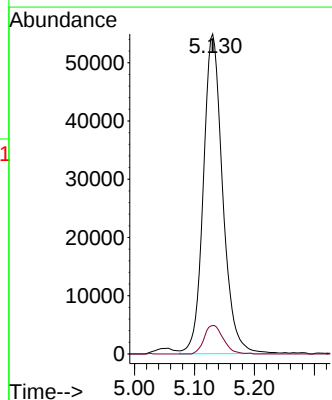
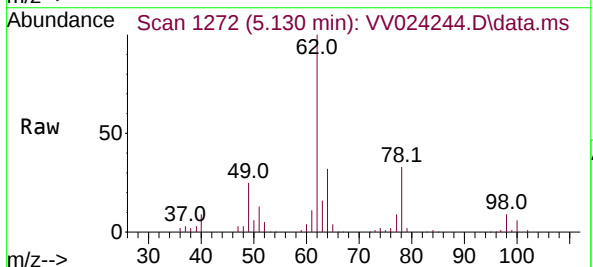
Instrument :
MSVOA_V
ClientSampleId :

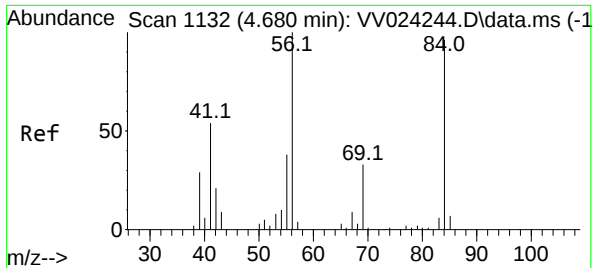
Tgt Ion: 83 Resp: 151855
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9



#27
1,2-Dichloroethane
Concen: 53.290 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

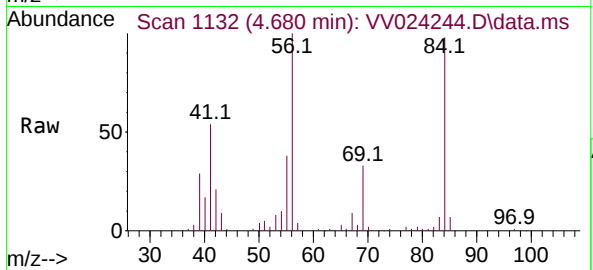
Tgt Ion: 62 Resp: 123268
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7



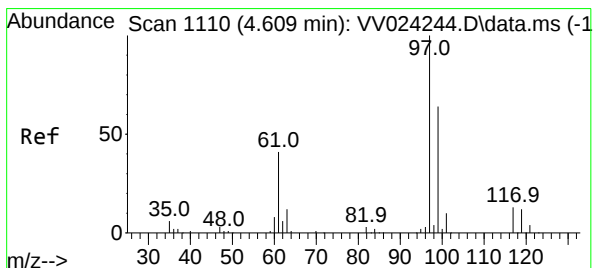
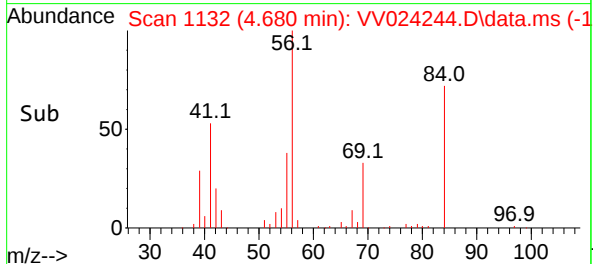
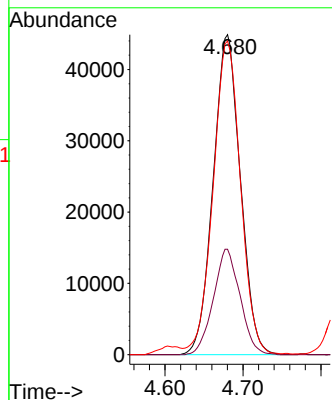


#29
Cyclohexane
Concen: 54.116 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Instrument :
MSVOA_V
ClientSampleId :

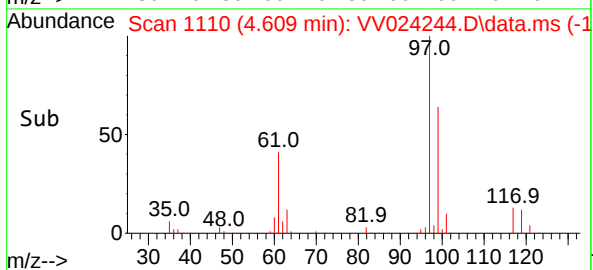
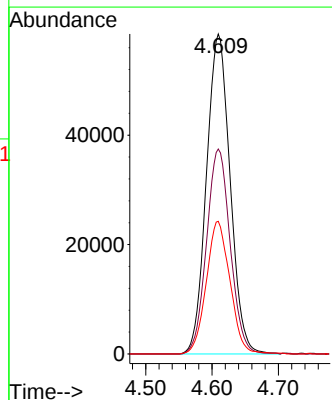
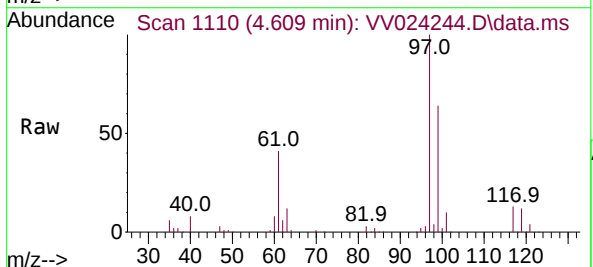


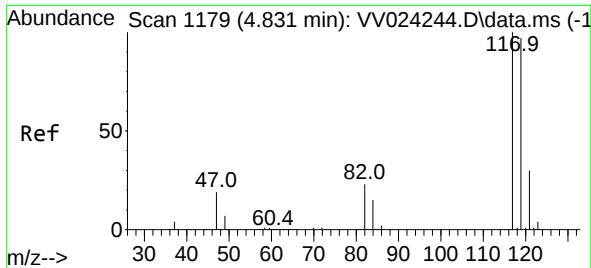
Tgt Ion:	56	Resp:	108981
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.6
84	98.9	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 52.314 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion:	97	Resp:	145009
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	41.5	33.2	49.8

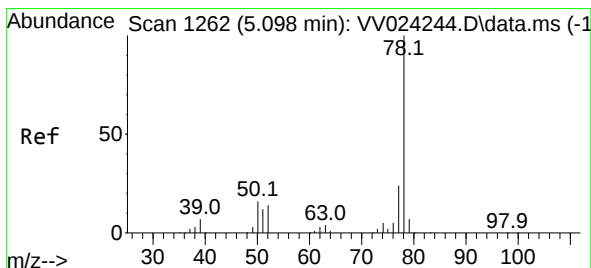
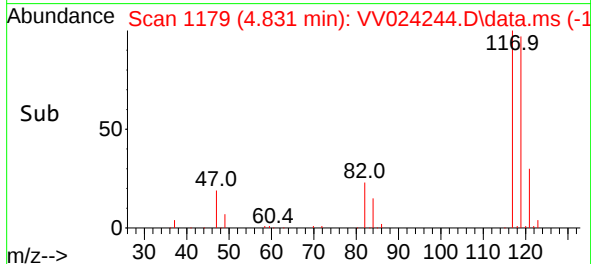
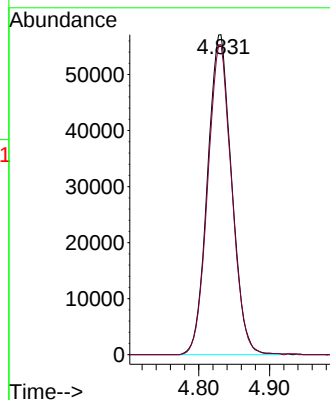
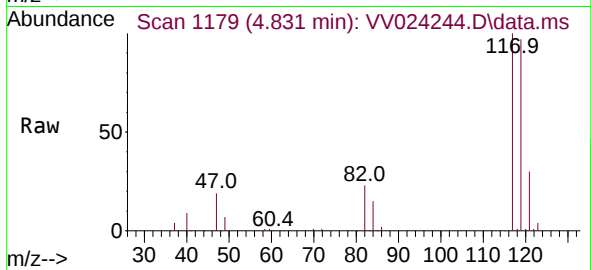




#31
Carbon tetrachloride
Concen: 52.593 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

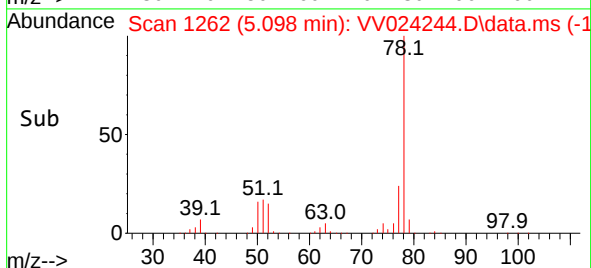
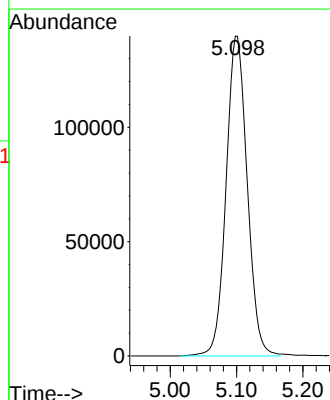
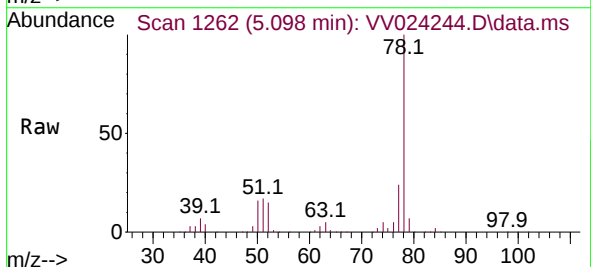
Instrument :
MSVOA_V
ClientSampleId :

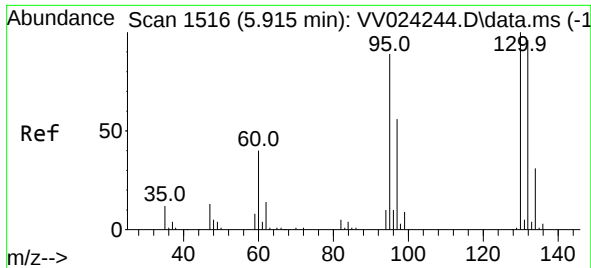
Tgt Ion:117 Resp: 135248
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 53.984 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 78 Resp: 309239

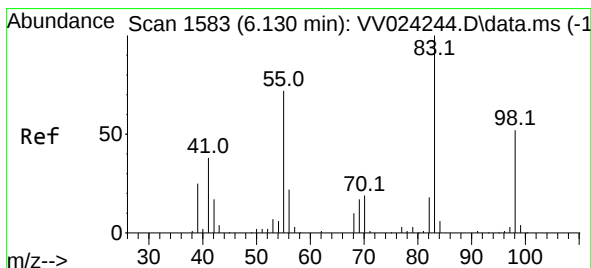
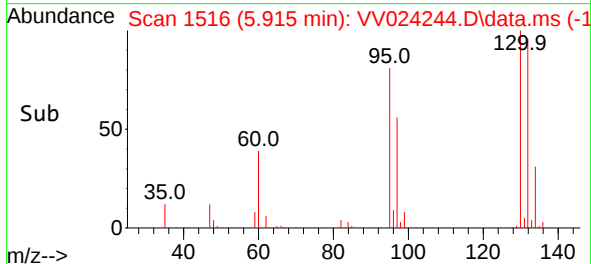
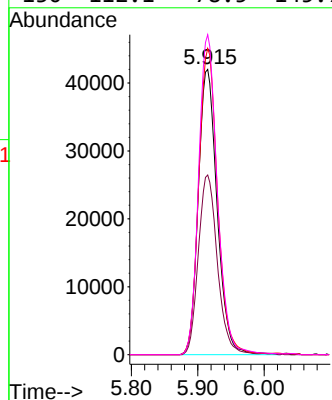
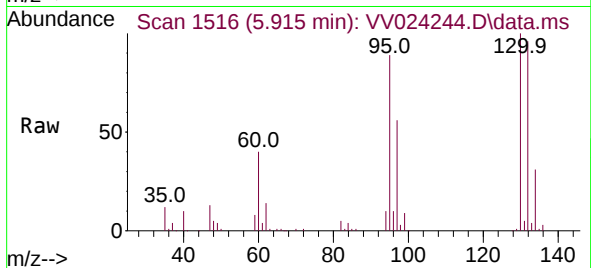




#34
Trichloroethene
Concen: 52.553 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

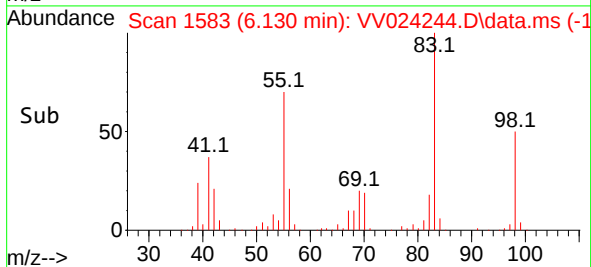
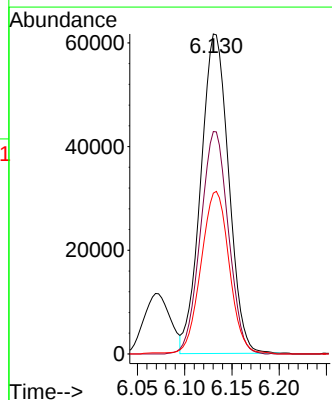
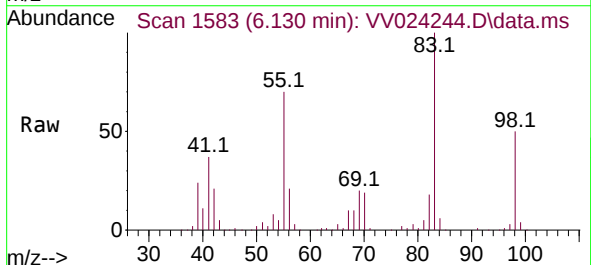
Instrument :
MSVOA_V
ClientSampleId :

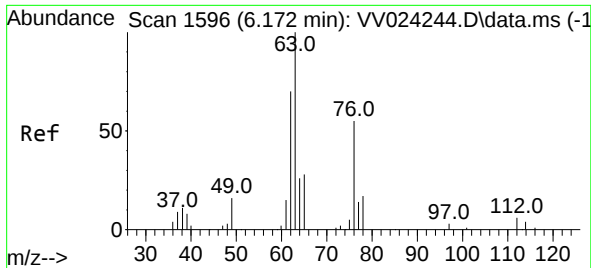
Tgt Ion: 95 Resp: 83017
Ion Ratio Lower Upper
95 100
97 63.0 44.1 81.9
132 107.3 75.1 139.5
130 112.1 78.5 145.7



#35
Methylcyclohexane
Concen: 53.993 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 83 Resp: 126493
Ion Ratio Lower Upper
83 100
55 69.5 55.6 83.4
98 51.6 41.3 61.9

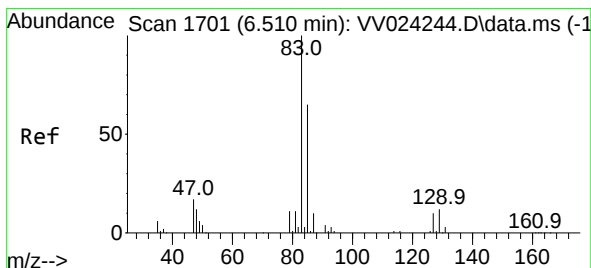
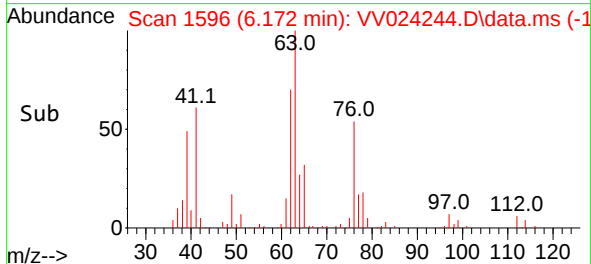
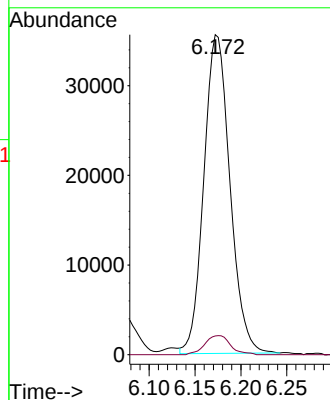
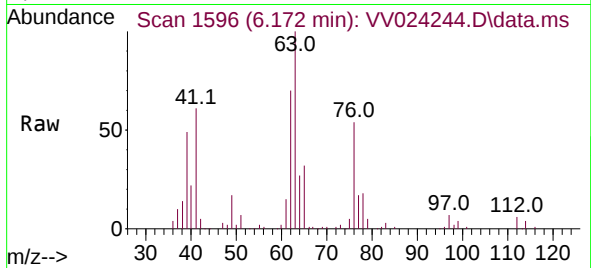




#37
1,2-Dichloropropane
Concen: 52.191 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

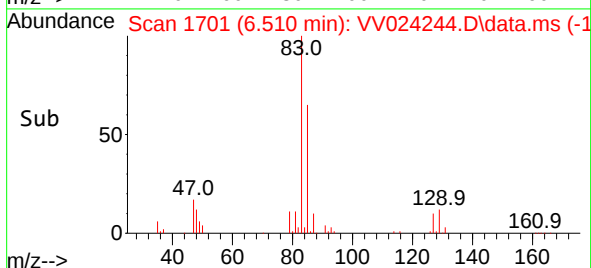
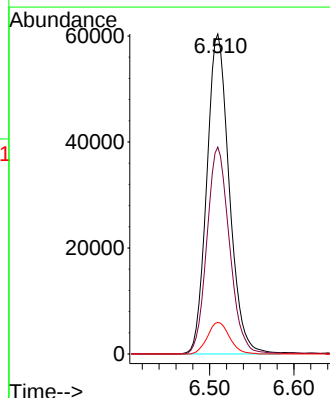
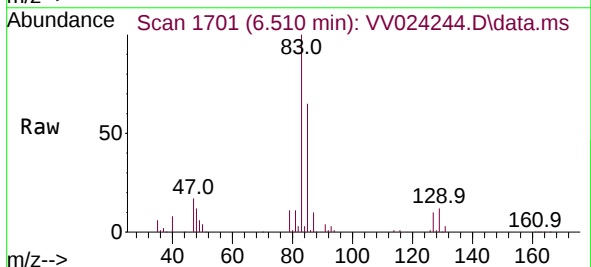
Instrument :
MSVOA_V
ClientSampleId :

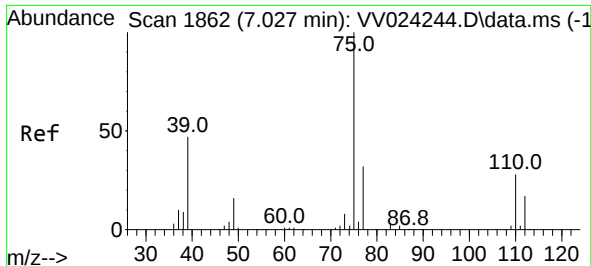
Tgt Ion: 63 Resp: 70320
Ion Ratio Lower Upper
63 100
112 5.9 4.7 7.1



#38
Bromodichloromethane
Concen: 52.958 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 83 Resp: 111969
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
127 9.8 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 52.915 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

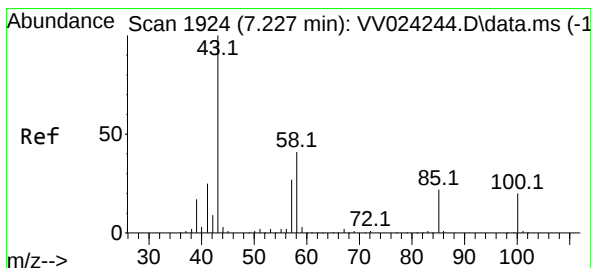
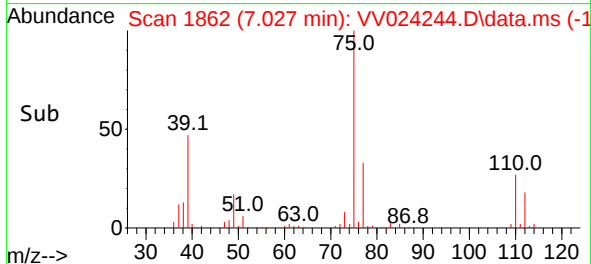
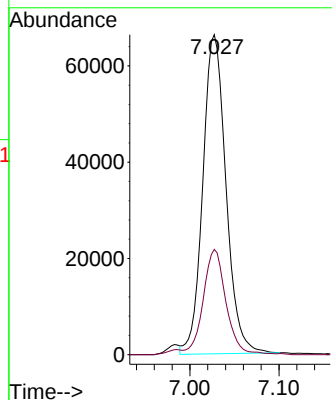
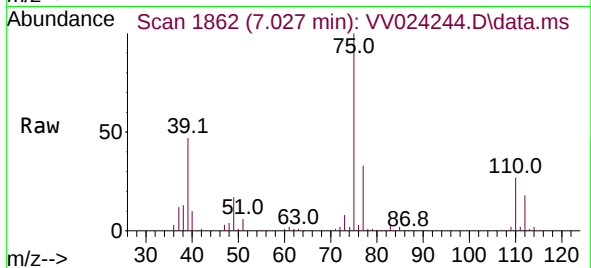
ClientSampleId :

Tgt Ion: 75 Resp: 119849

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 108.560 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

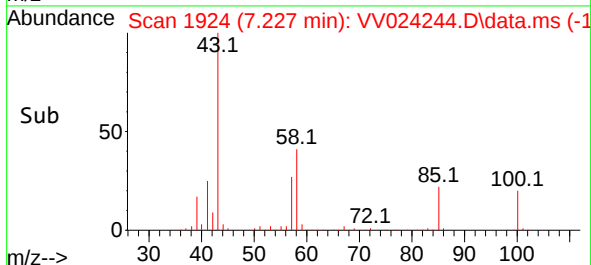
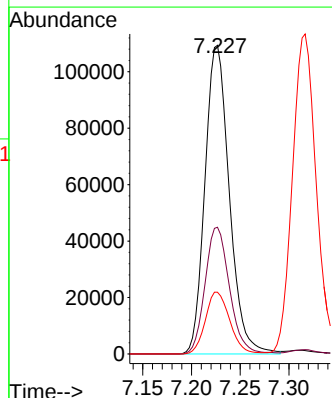
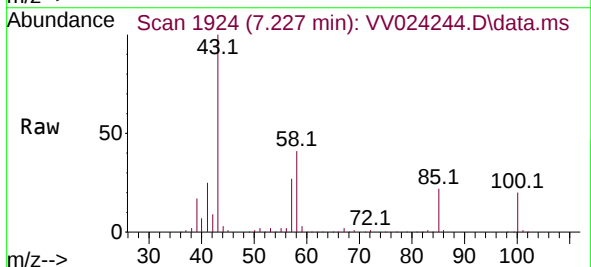
Tgt Ion: 43 Resp: 190735

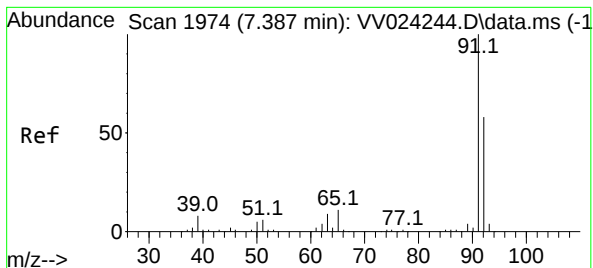
Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.4

100 20.0 16.0 24.0





#42

Toluene

Concen: 54.015 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

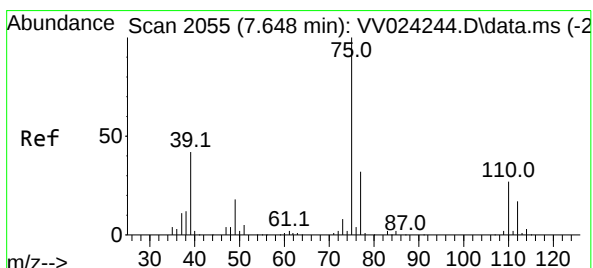
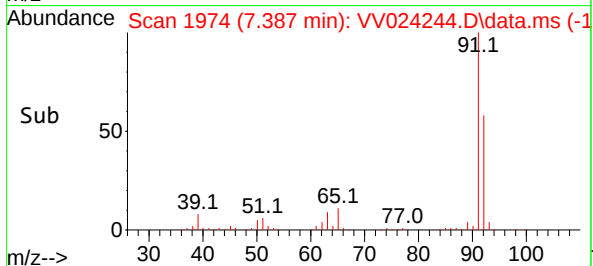
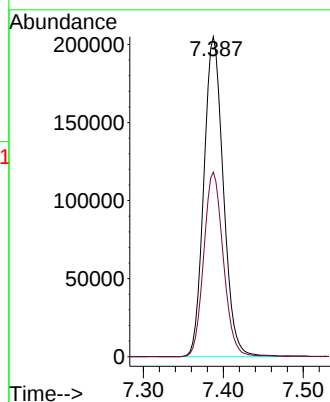
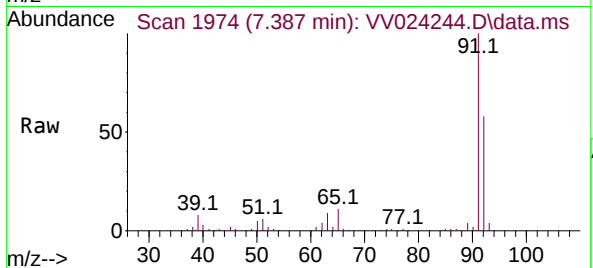
ClientSampleId :

Tgt Ion: 91 Resp: 347334

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 54.212 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024244.D

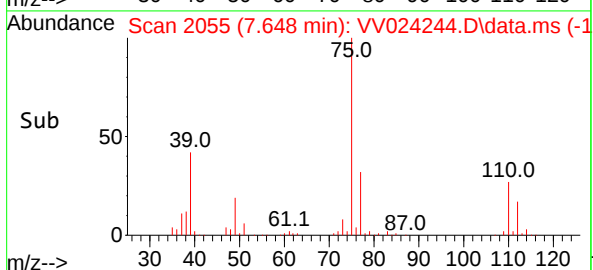
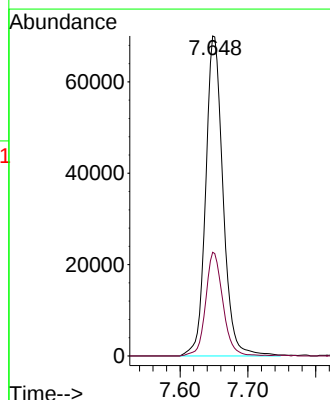
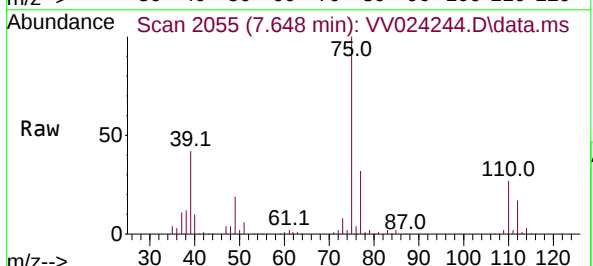
Acq: 30 Dec 2021 19:54

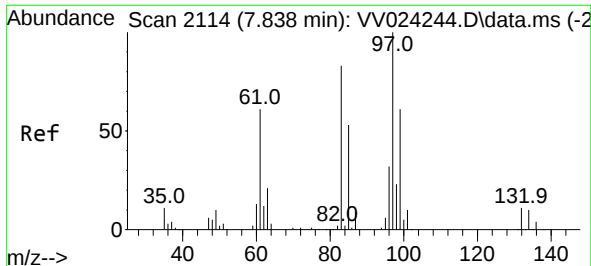
Tgt Ion: 75 Resp: 124553

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1

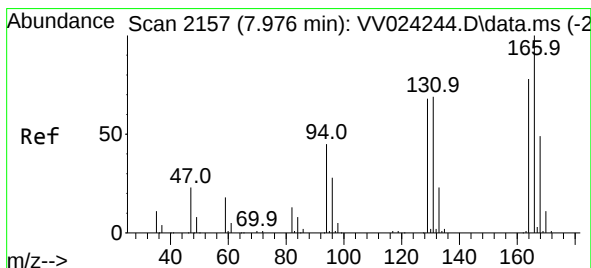
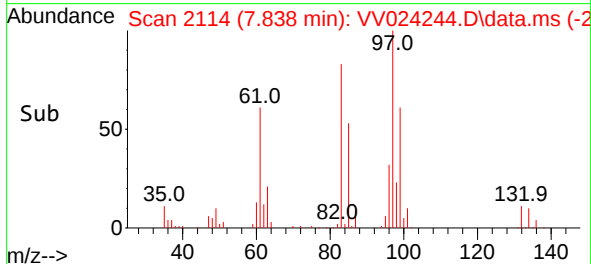
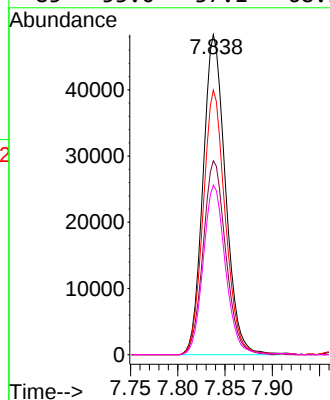
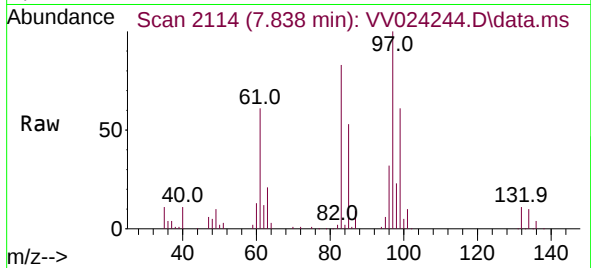




#45
1,1,2-Trichloroethane
Concen: 52.779 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

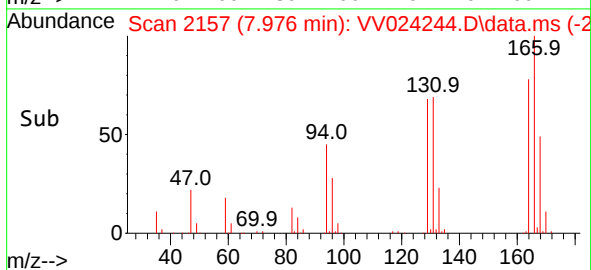
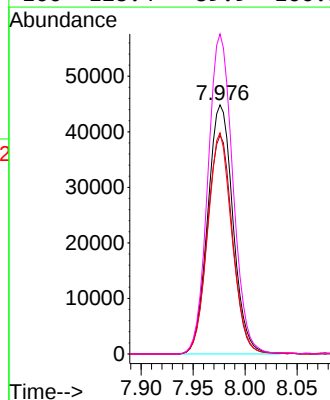
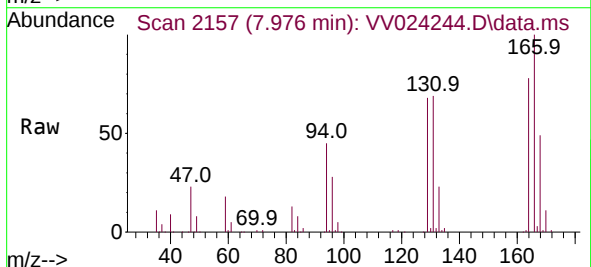
Instrument :
MSVOA_V
ClientSampleId :

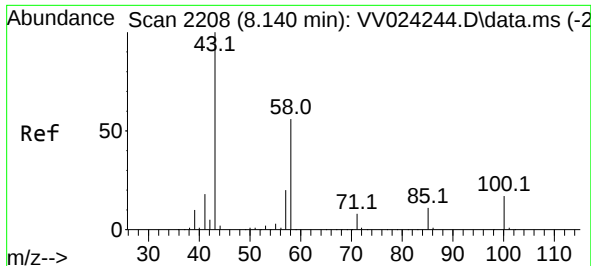
Tgt Ion:	97	Resp:	79721
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.4	78.8
83	82.7	57.9	107.5
85	53.0	37.1	68.9



#46
Tetrachloroethene
Concen: 52.833 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion:	164	Resp:	75962
Ion	Ratio	Lower	Upper
164	100		
129	87.8	61.5	114.1
131	88.8	62.2	115.4
166	128.4	89.9	166.9

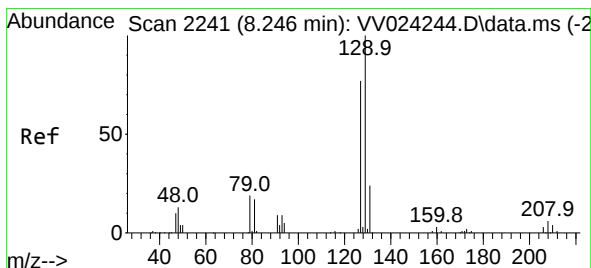
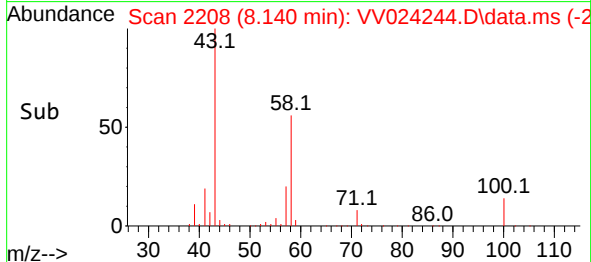
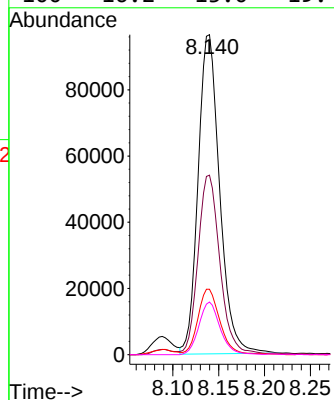
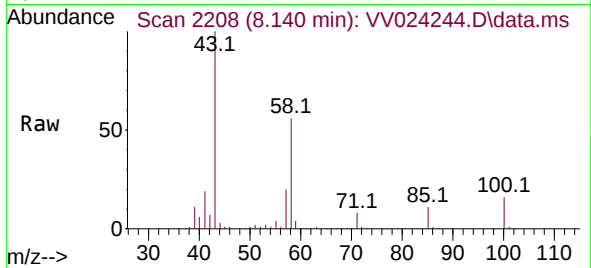




#48
2-Hexanone
Concen: 111.862 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

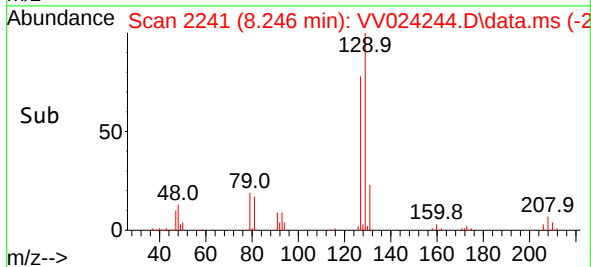
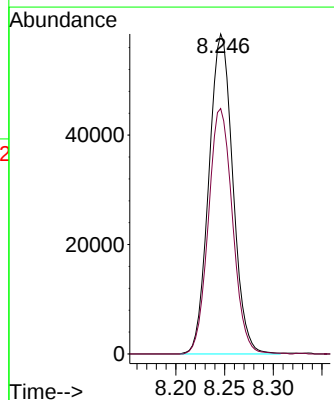
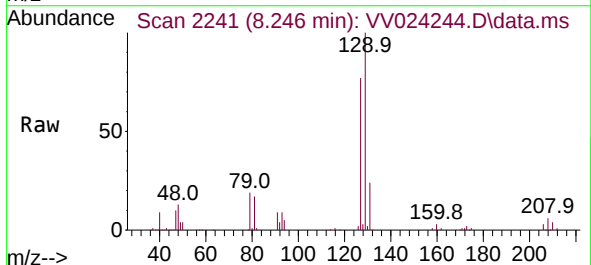
Instrument :
MSVOA_V
ClientSampleId :

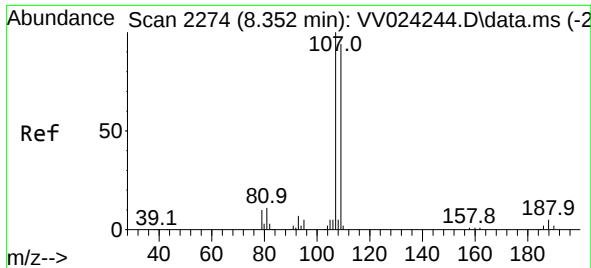
Tgt Ion: 43 Resp: 157856
Ion Ratio Lower Upper
43 100
58 56.2 45.0 67.4
57 21.1 16.9 25.3
100 16.2 13.0 19.4



#49
Dibromochloromethane
Concen: 52.934 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 129 Resp: 100222
Ion Ratio Lower Upper
129 100
127 76.7 53.7 99.7





#50

1,2-Dibromoethane

Concen: 53.349 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024244.D

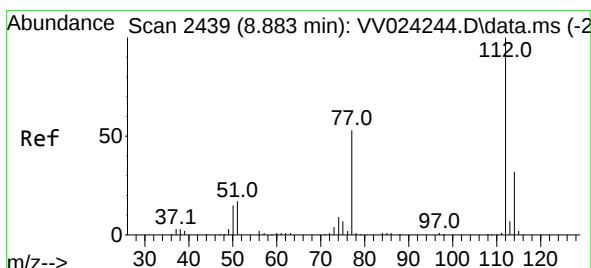
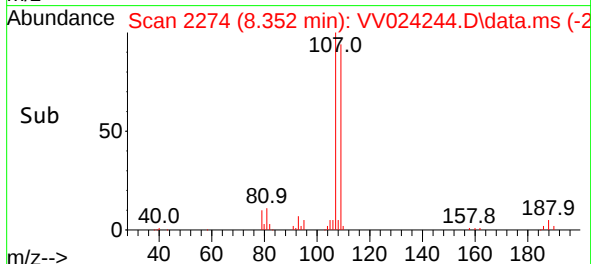
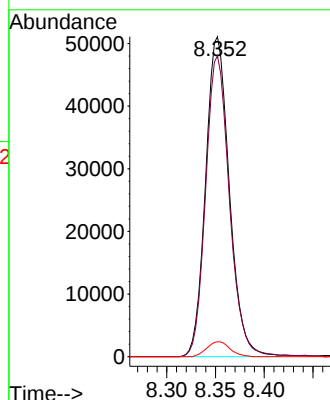
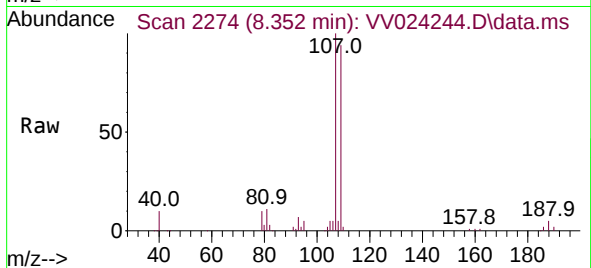
Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	86552
Ion Ratio	Lower	Upper
107	100	
109	94.0	65.8 122.2
188	4.7	3.8 5.6



#51

Chlorobenzene

Concen: 52.310 ug/L

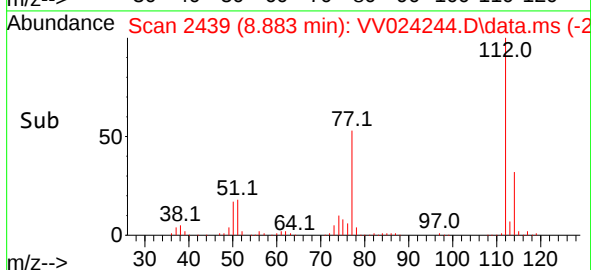
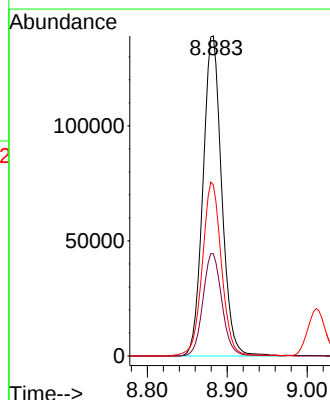
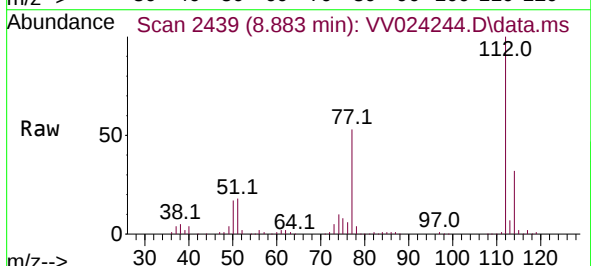
RT: 8.883 min Scan# 2439

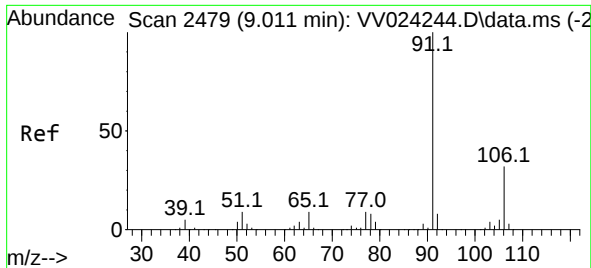
Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Tgt Ion:112	Resp:	226559
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.3 41.5
77	53.5	42.8 64.2

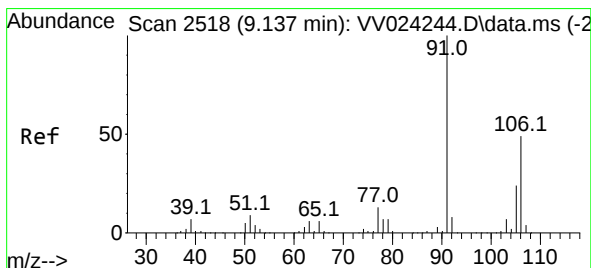
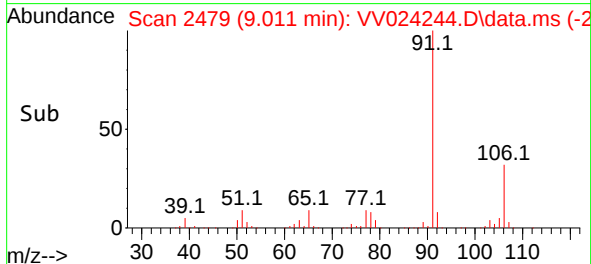
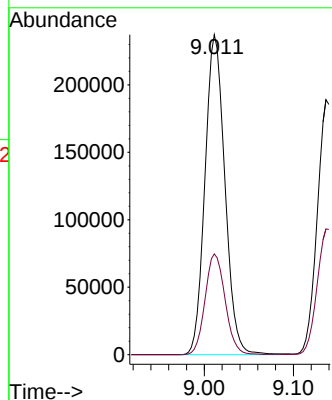
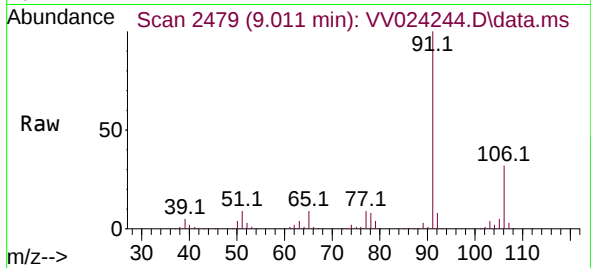




#52
Ethylbenzene
Concen: 53.560 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

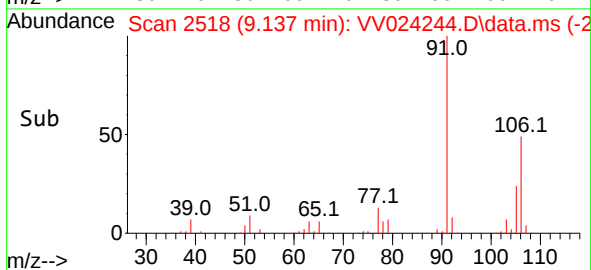
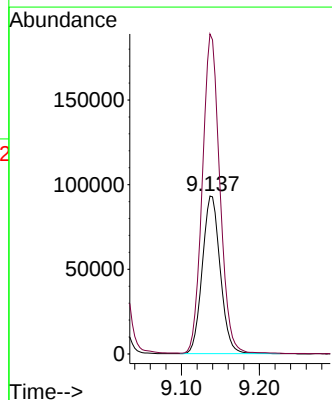
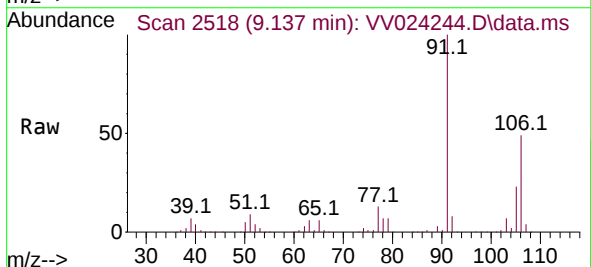
Instrument :
MSVOA_V
ClientSampleId :

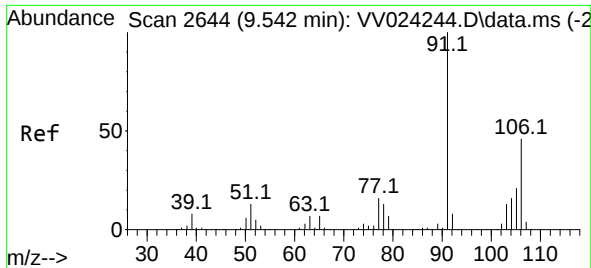
Tgt Ion: 91 Resp: 367932
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 53.918 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 106 Resp: 148467
Ion Ratio Lower Upper
106 100
91 202.6 141.8 263.4

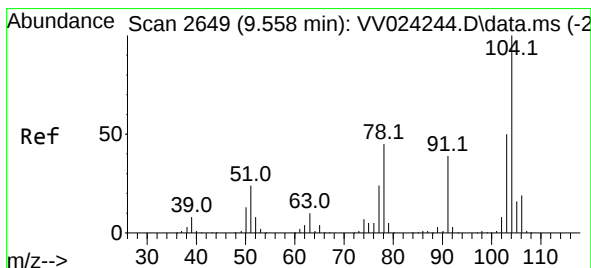
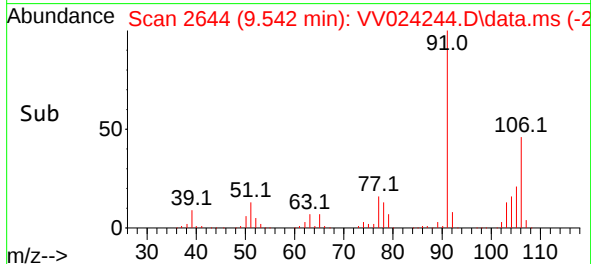
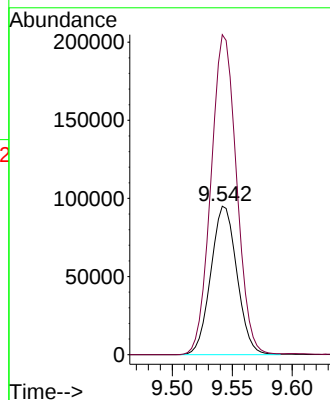
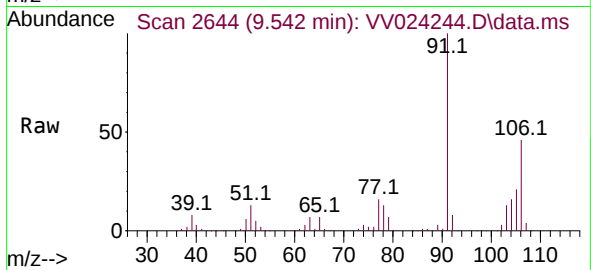




#54
o-Xylene
Concen: 54.715 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

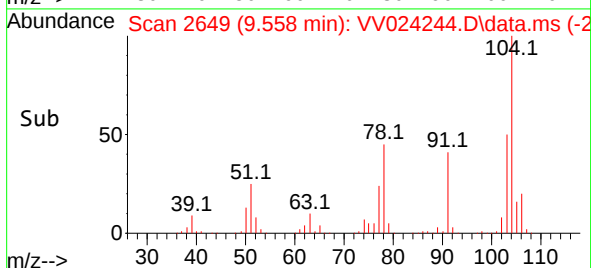
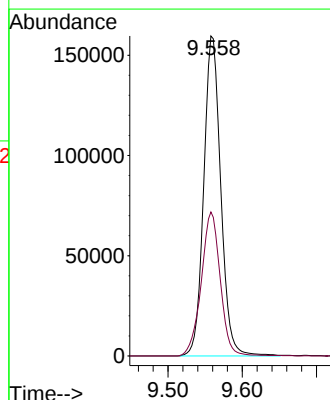
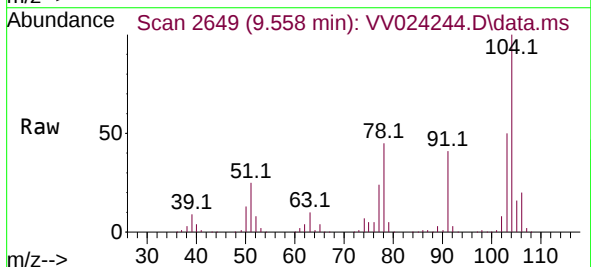
Instrument :
MSVOA_V
ClientSampleId :

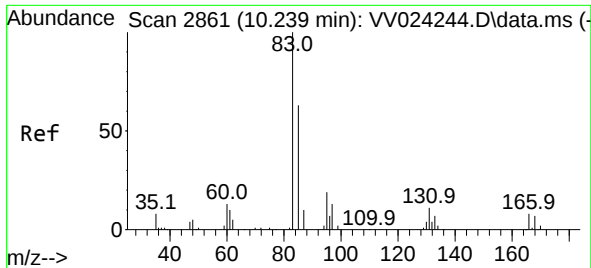
Tgt Ion:106 Resp: 143819
Ion Ratio Lower Upper
106 100
91 215.6 150.9 280.3



#55
Styrene
Concen: 55.762 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion:104 Resp: 254534
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5

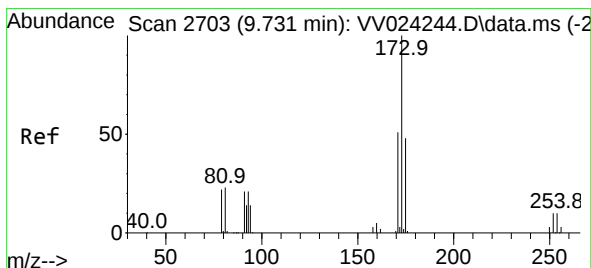
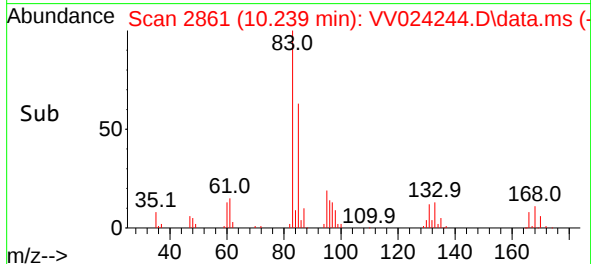
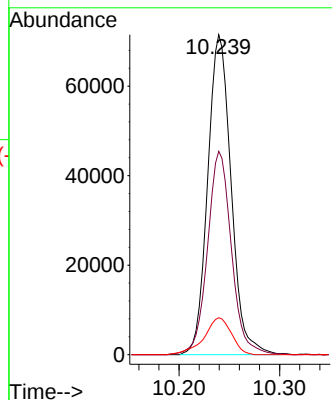
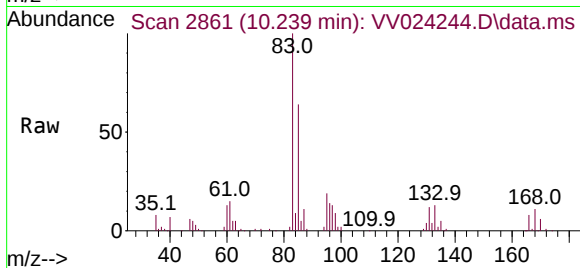




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.457 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

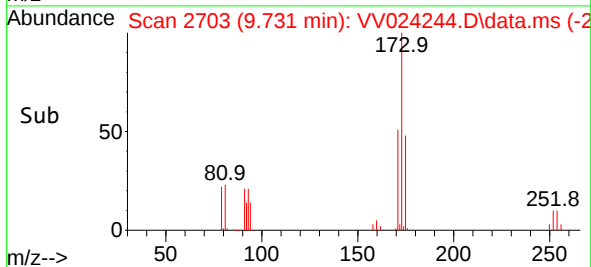
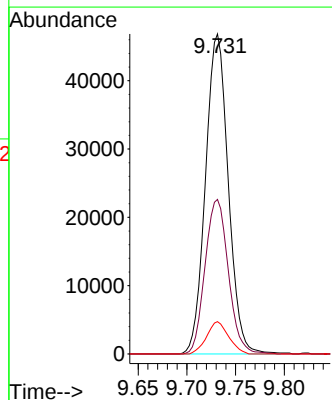
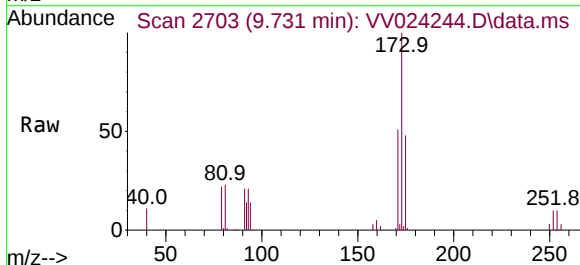
Instrument :
 MSVOA_V
 ClientSampleId :

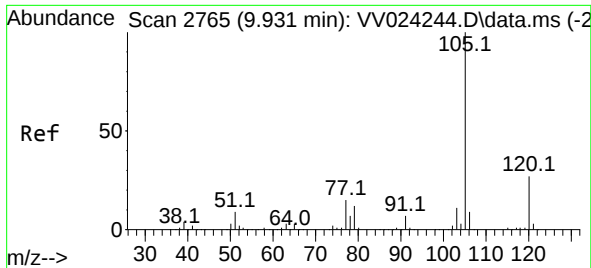
Tgt Ion: 83 Resp: 115698
 Ion Ratio Lower Upper
 83 100
 85 63.6 44.5 82.7
 131 11.5 9.2 13.8



#59
 Bromoform
 Concen: 51.995 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

Tgt Ion: 173 Resp: 76265
 Ion Ratio Lower Upper
 173 100
 175 49.3 39.4 59.2
 254 9.7 7.8 11.6

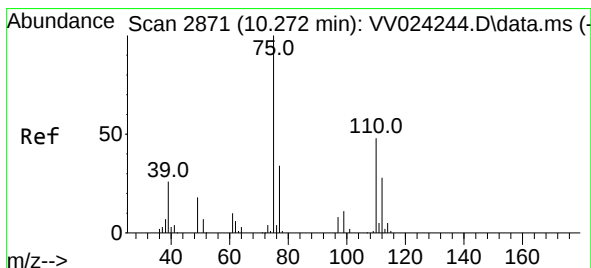
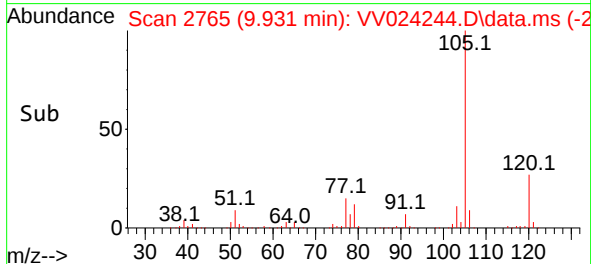
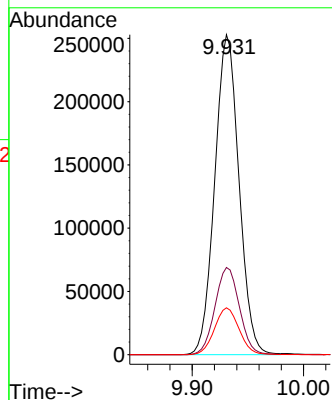
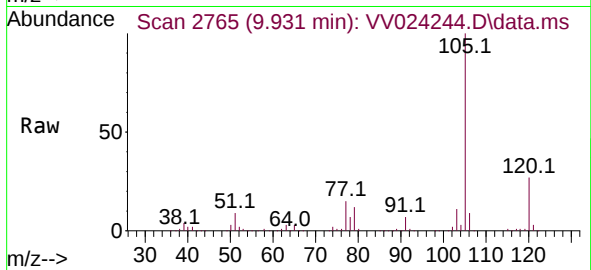




#60
Isopropylbenzene
Concen: 53.689 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

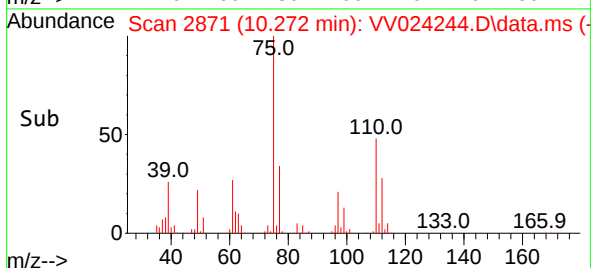
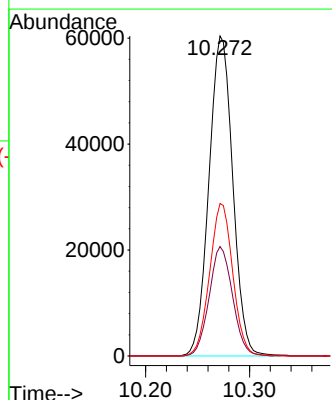
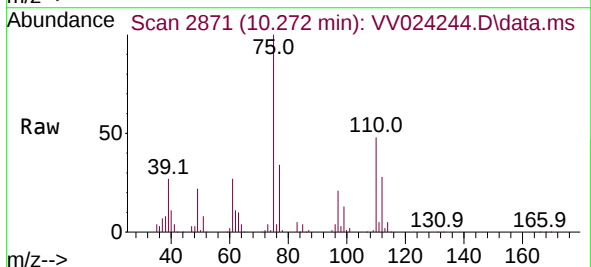
Instrument :
MSVOA_V
ClientSampleId :

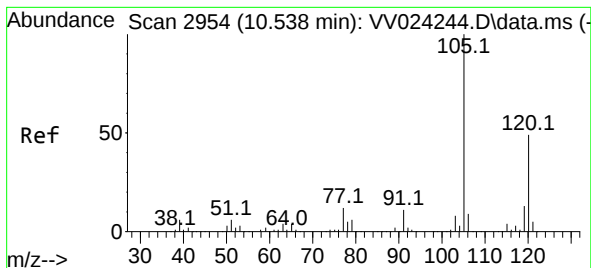
Tgt Ion:105 Resp: 382158
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 14.9 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 50.825 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion: 75 Resp: 96001
Ion Ratio Lower Upper
75 100
77 33.6 26.9 40.3
110 46.4 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 54.022 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

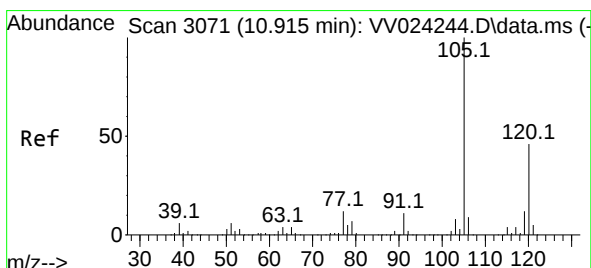
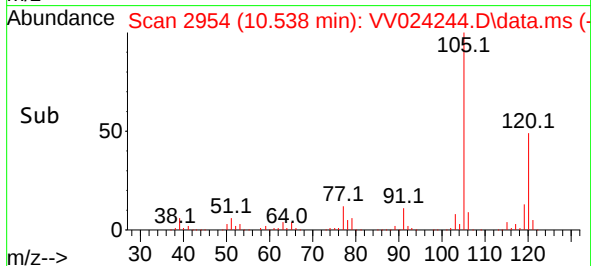
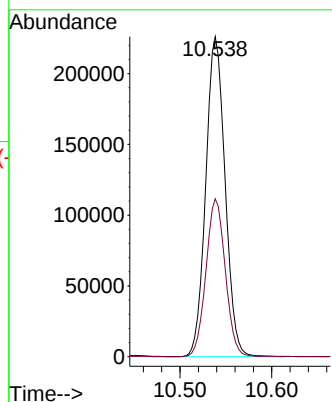
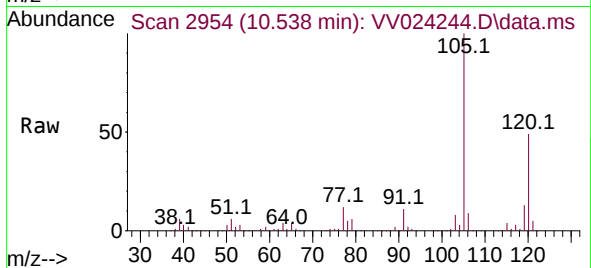
ClientSampleId :

Tgt Ion:105 Resp: 330766

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 54.548 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024244.D

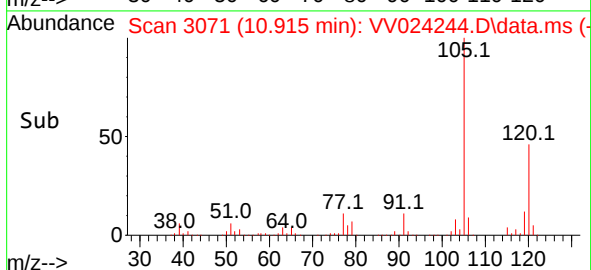
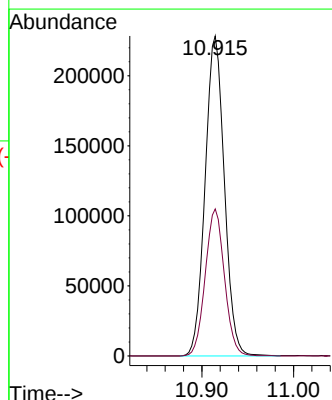
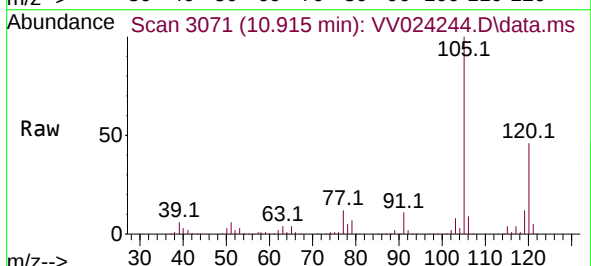
Acq: 30 Dec 2021 19:54

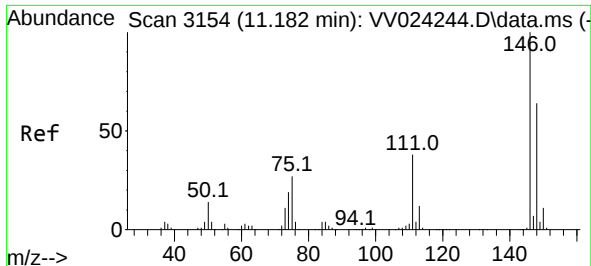
Tgt Ion:105 Resp: 333434

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

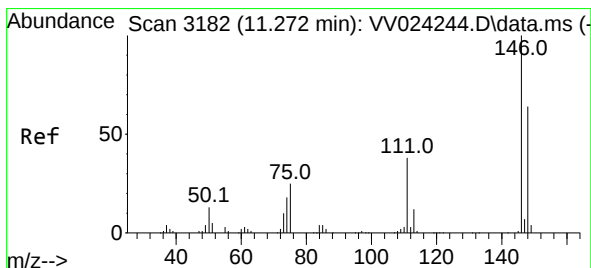
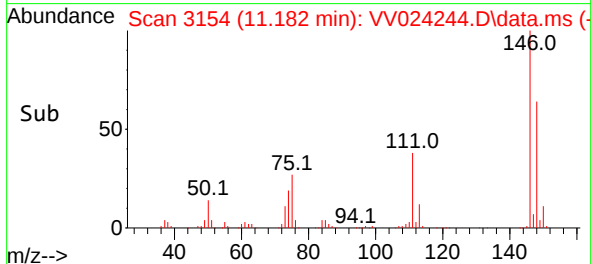
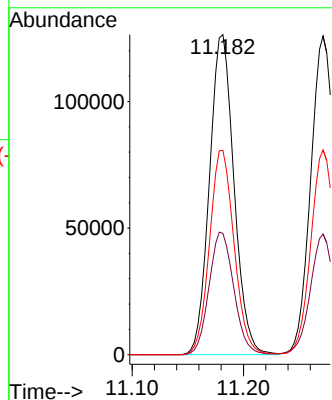
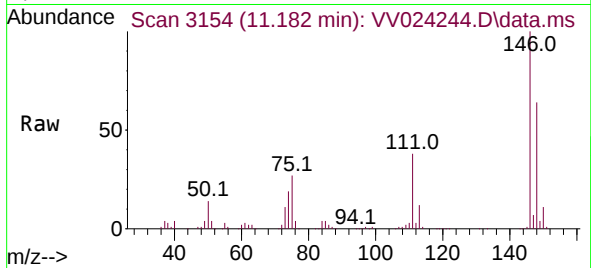




#64
1,3-Dichlorobenzene
Concen: 52.840 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

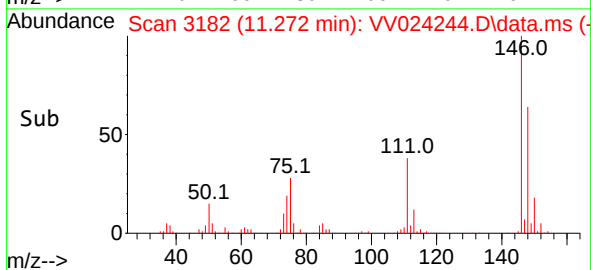
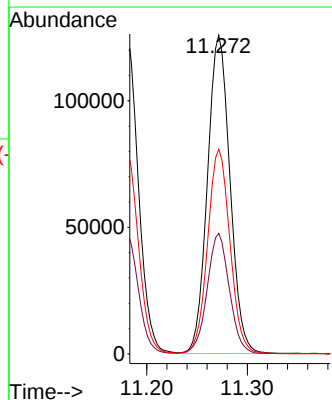
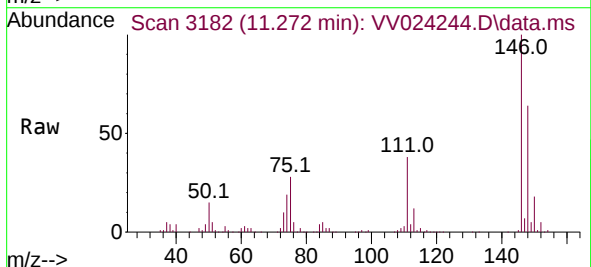
Instrument :
MSVOA_V
ClientSampleId :

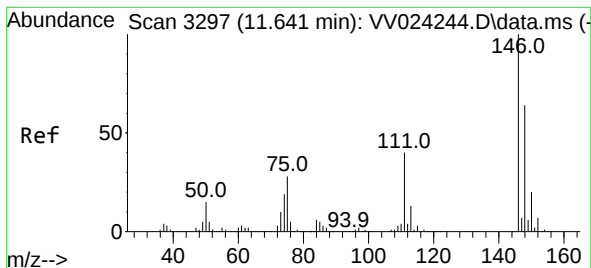
Tgt Ion:146 Resp: 193927
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 51.717 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion:146 Resp: 195745
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.556 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

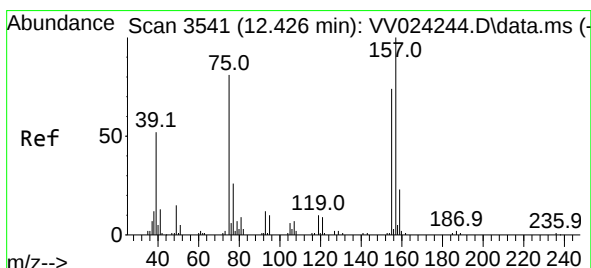
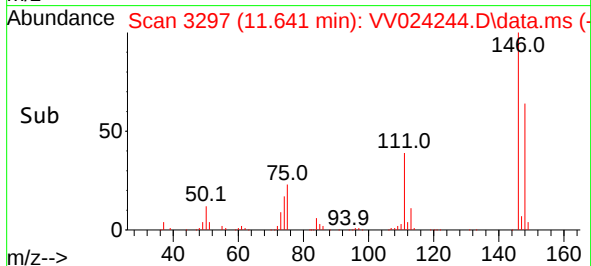
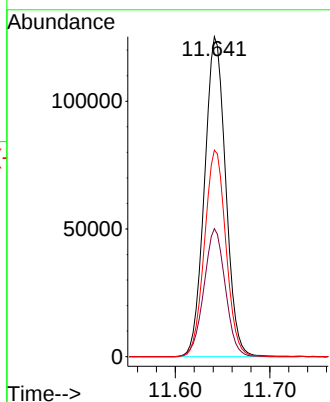
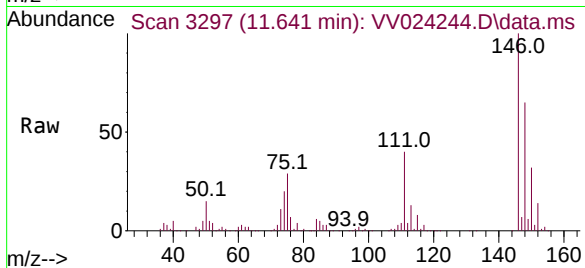
Tgt Ion:146 Resp: 195010

Ion Ratio Lower Upper

146 100

111 40.0 32.0 48.0

148 64.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 52.055 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024244.D

Acq: 30 Dec 2021 19:54

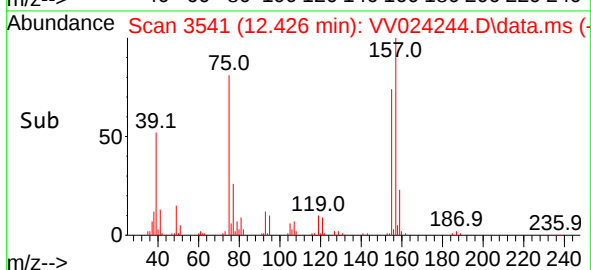
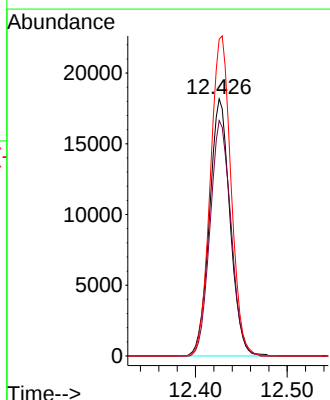
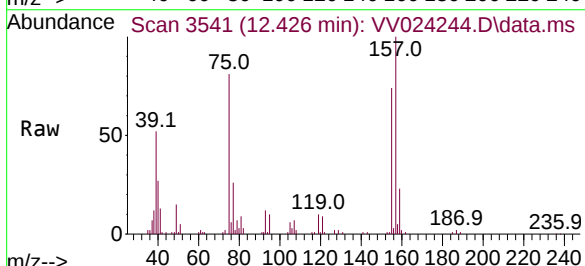
Tgt Ion: 75 Resp: 28316

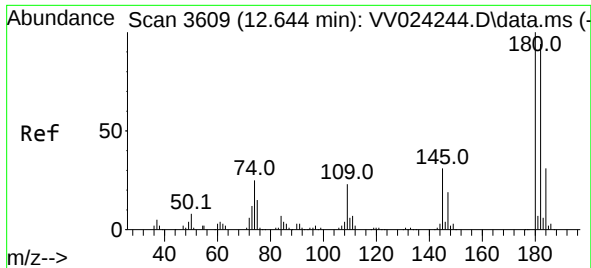
Ion Ratio Lower Upper

75 100

155 91.5 73.2 109.8

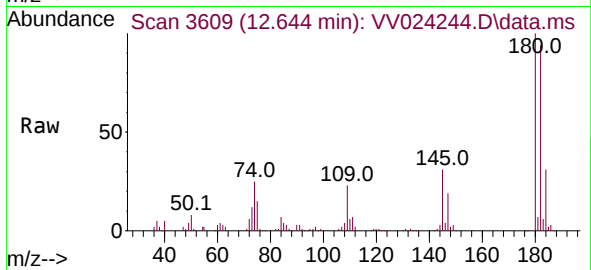
157 123.1 98.5 147.7



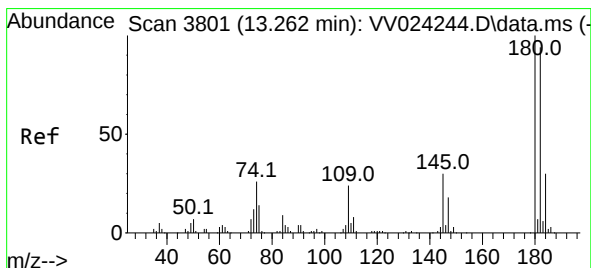
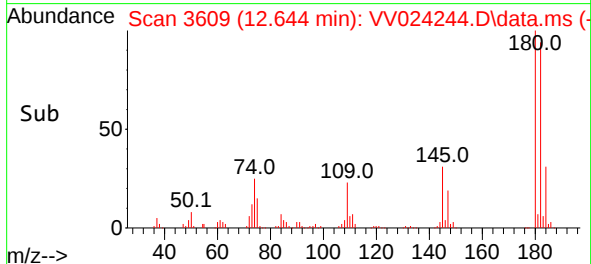
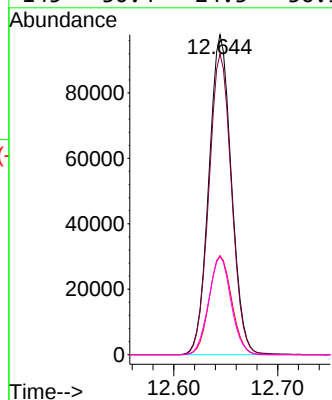


#69
 1,3,5-Trichlorobenzene
 Concen: 52.285 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

Instrument :
 MSVOA_V
 ClientSampleId :

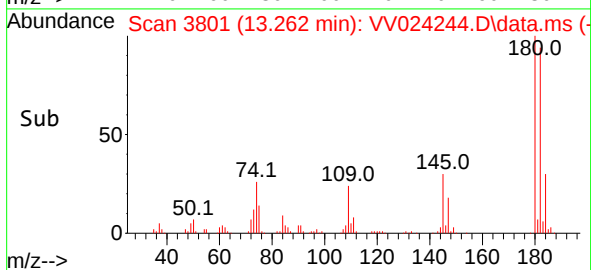
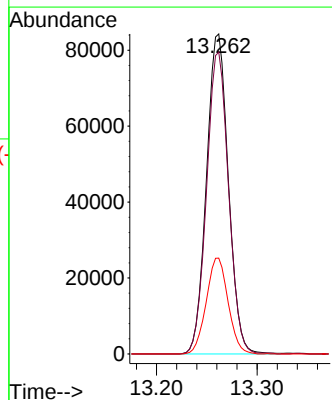
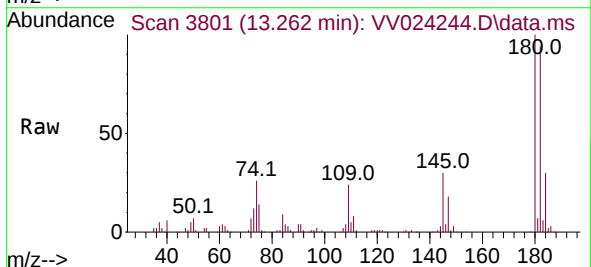


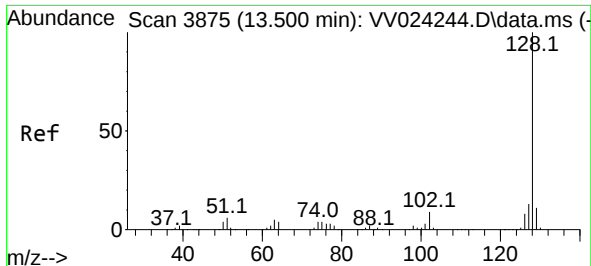
Tgt Ion:180 Resp: 147601
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.2
 184 30.9 24.7 37.1
 145 30.4 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 52.776 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV024244.D
 Acq: 30 Dec 2021 19:54

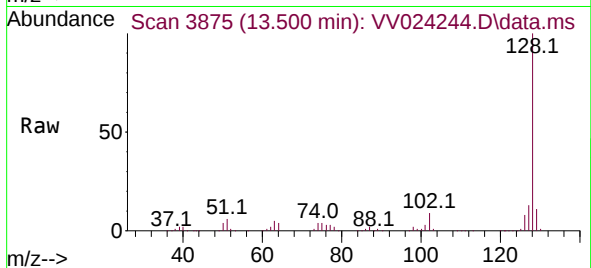
Tgt Ion:180 Resp: 127418
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 29.9 23.9 35.9



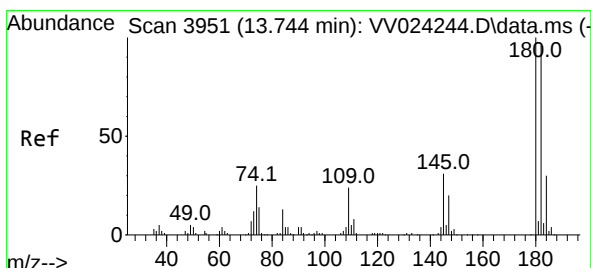
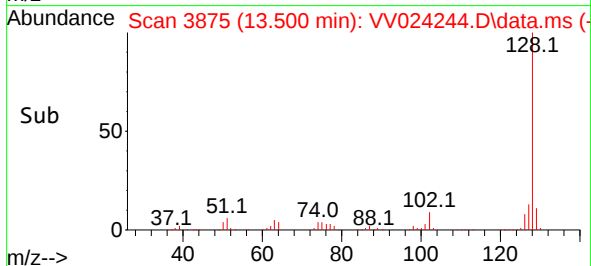
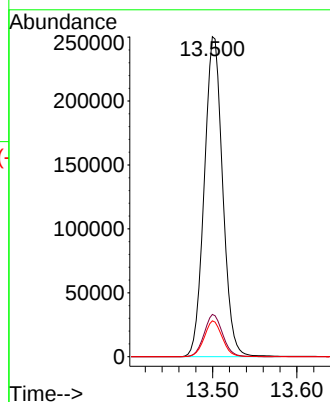


#71
Naphthalene
Concen: 54.452 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 380349
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.738 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024244.D
Acq: 30 Dec 2021 19:54

Tgt Ion:180 Resp: 134090
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 31.2 25.0 37.4

