

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022979.D
 Acq On : 22 Oct 2021 10:04
 Operator : SY/MD
 Sample : VSTD0.541
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 00:40:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	139885	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	5618	0.541	ug/L	0.00
7) Chloroethane-d5	1.565	69	3380	0.396	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	8060	0.427	ug/L	-0.02
20) 2-Butanone-d5	3.944	46	2977	1.195	ug/L	-0.02
24) Chloroform-d	4.343	84	8974	0.446	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	3888	0.400	ug/L	0.00
32) Benzene-d6	5.040	84	16209	0.403	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	5602	0.471	ug/L	-0.02
41) Toluene-d8	7.317	98	12894	0.369	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.635	79	1675	0.420	ug/L	0.00
46) 2-Hexanone-d5	8.111	63	4508	2.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3621	0.454	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5140	0.448	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4592	0.462	ug/L #	87
3) Chloromethane	1.237	50	4821	0.478	ug/L	97
5) Vinyl chloride	1.307	62	5264	0.503	ug/L	98
6) Bromomethane	1.516	94	2344	0.374	ug/L	94
8) Chloroethane	1.581	64	2463	0.393	ug/L	83
9) Trichlorofluoromethane	1.748	101	6177	0.413	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3687	0.420	ug/L	98
12) 1,1-Dichloroethene	2.111	96	3556	0.432	ug/L	93
14) Carbon disulfide	2.285	76	9292	0.404	ug/L	97
15) Methyl Acetate	2.452	43	1177	0.324	ug/L	91
16) Methylene chloride	2.500	84	4699	0.429	ug/L	85
17) Methyl tert-butyl Ether	2.777	73	8685	0.455	ug/L #	86
18) trans-1,2-Dichloroethene	2.751	96	3917	0.453	ug/L	96
19) 1,1-Dichloroethane	3.182	63	7527	0.482	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	3469	0.362	ug/L #	86
23) Bromochloromethane	4.233	128	1866	0.443	ug/L	82
25) Chloroform	4.365	83	10086	0.534	ug/L	90
27) 1,2-Dichloroethane	5.134	62	4418	0.465	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	7674	0.507	ug/L	97
30) Cyclohexane	4.651	56	6028	0.436	ug/L	99
31) Carbon tetrachloride	4.812	117	6619	0.506	ug/L	94
33) Benzene	5.092	78	16318	0.457	ug/L	100
34) Trichloroethene	5.912	95	4476	0.466	ug/L	94
35) Methylcyclohexane	6.121	83	5521	0.410	ug/L	97
37) 1,2-Dichloropropane	6.175	63	4446	0.518	ug/L #	91
38) Bromodichloromethane	6.510	83	5305	0.500	ug/L	92
39) cis-1,3-Dichloropropene	7.034	75	4877	0.434	ug/L	93
40) 4-Methyl-2-pentanone	7.246	43	16877	3.741	ug/L	95
42) Toluene	7.391	91	14617	0.403	ug/L	92
44) trans-1,3-Dichloropropene	7.664	75	3662	0.397	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	3062	0.484	ug/L	93
47) Tetrachloroethene	7.973	164	3726	0.478	ug/L	88

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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

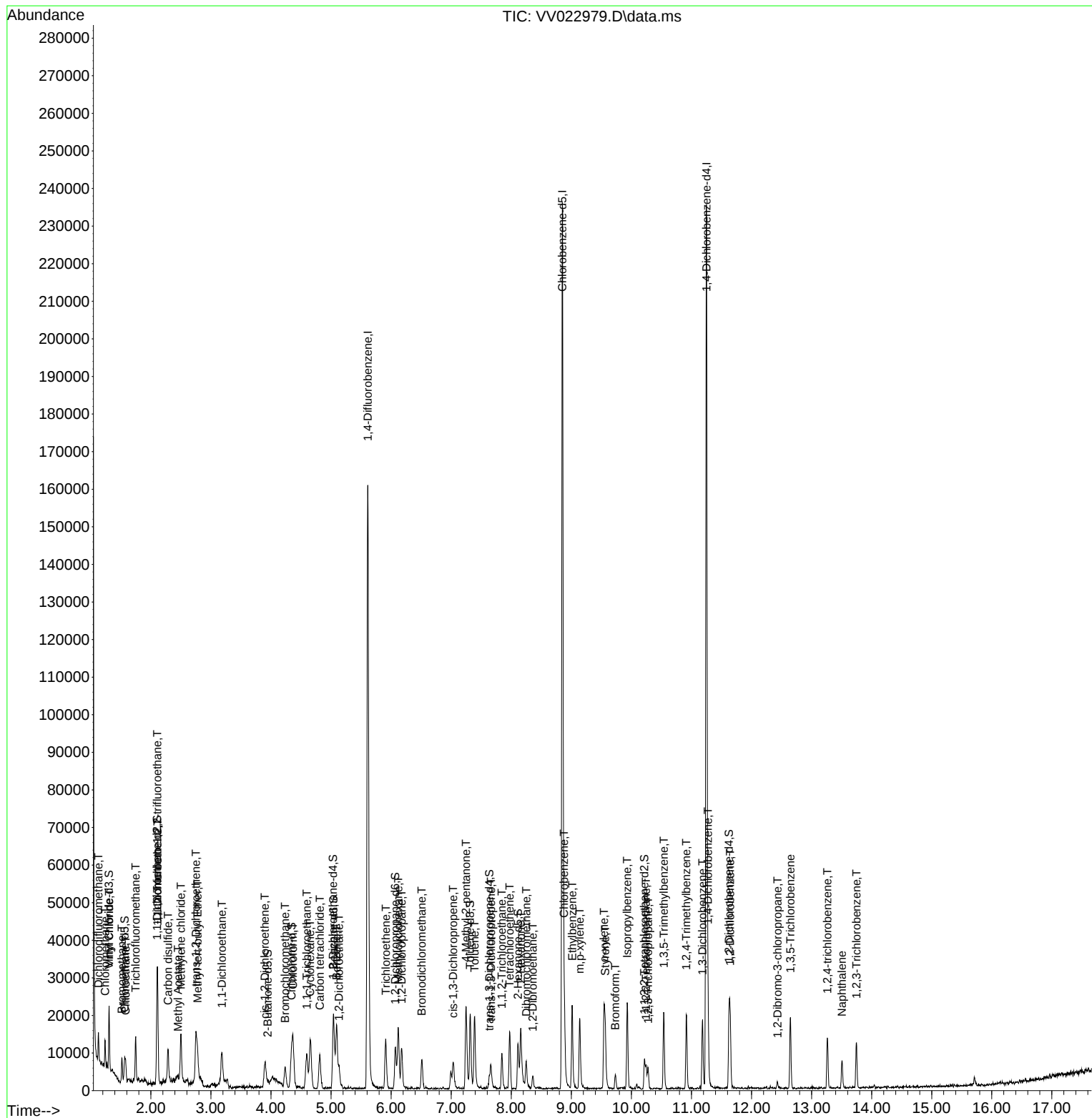
48) 2-Hexanone	8.159	43	11277	3.419	ug/L	99
49) Dibromochloromethane	8.249	129	3225	0.435	ug/L	95
50) 1,2-Dibromoethane	8.358	107	2560	0.437	ug/L #	91
51) Chlorobenzene	8.879	112	11025	0.465	ug/L	98
52) Ethylbenzene	9.014	91	14781	0.407	ug/L	90
53) m,p-xylene	9.140	106	5715	0.397	ug/L	96
54) o-xylene	9.545	106	5427	0.404	ug/L	87
55) Styrene	9.564	104	8151	0.352	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.243	83	3012	0.466	ug/L	97
59) Bromoform	9.731	173	1899	0.552	ug/L #	92
60) Isopropylbenzene	9.931	105	13706	0.440	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2204	0.520	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	10641	0.426	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	9678	0.387	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	7767	0.475	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	7825	0.473	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	7211	0.472	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	412	0.520	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.648	180	5800	0.471	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	4161	0.447	ug/L	97
71) Naphthalene	13.506	128	6094	0.412	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	3722	0.424	ug/L	97

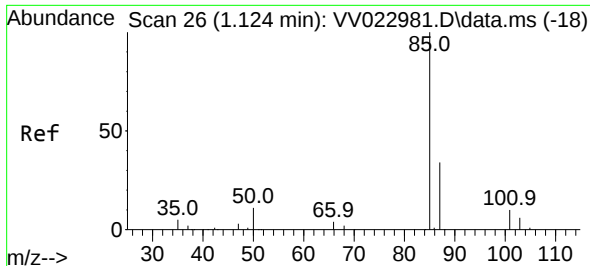
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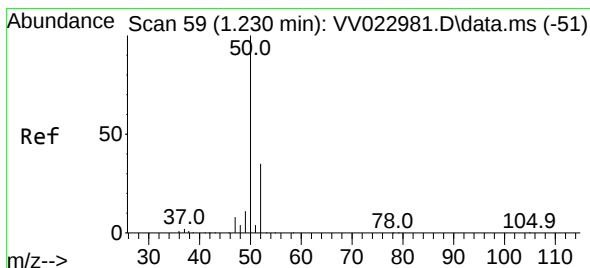
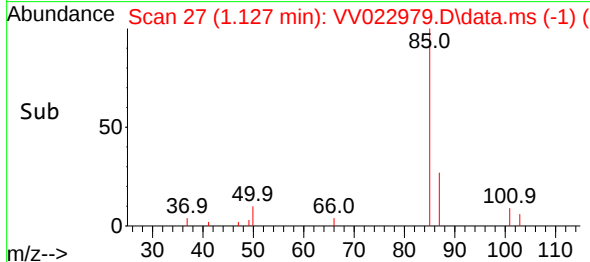
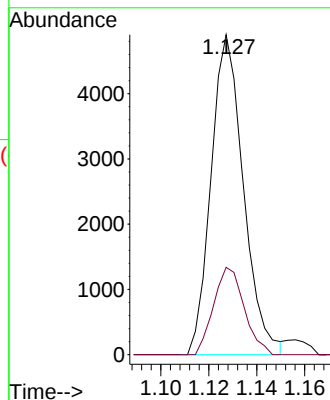
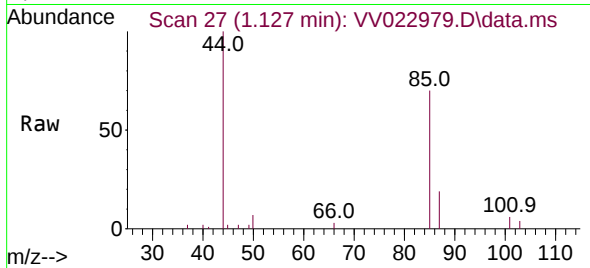




#2
 Dichlorodifluoromethane
 Concen: 0.462 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

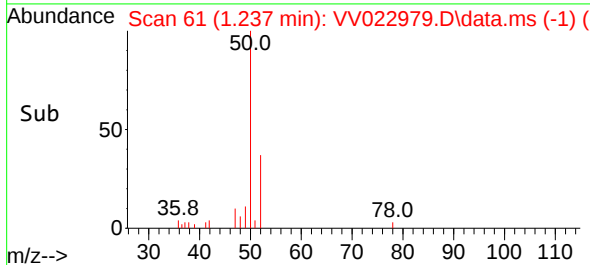
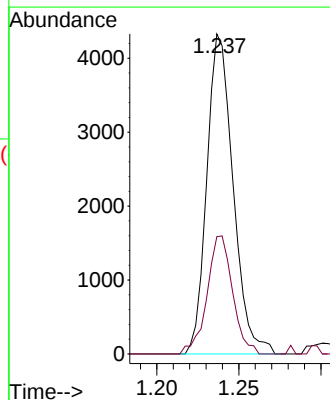
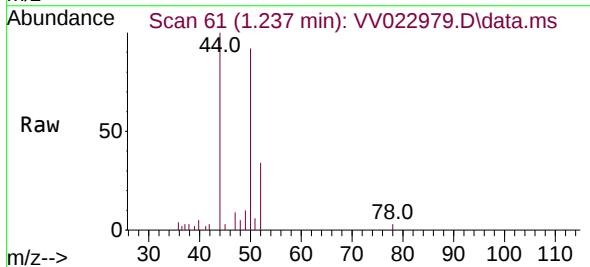
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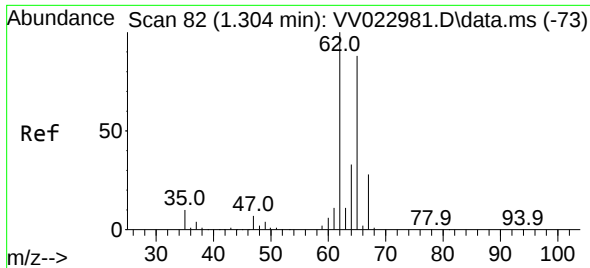
Tgt Ion: 85 Resp: 4592
 Ion Ratio Lower Upper
 85 100
 87 25.8 26.6 39.8#



#3
 Chloromethane
 Concen: 0.478 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

Tgt Ion: 50 Resp: 4821
 Ion Ratio Lower Upper
 50 100
 52 36.7 24.3 45.1

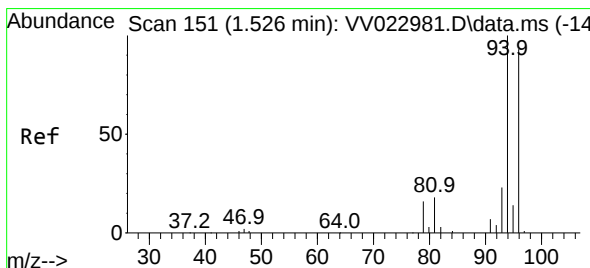
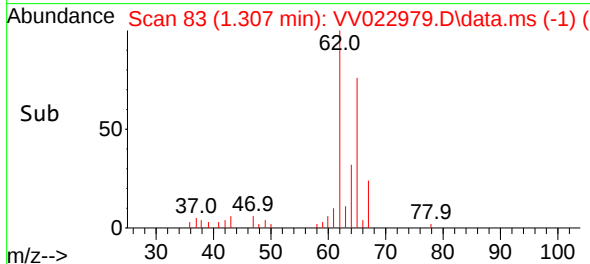
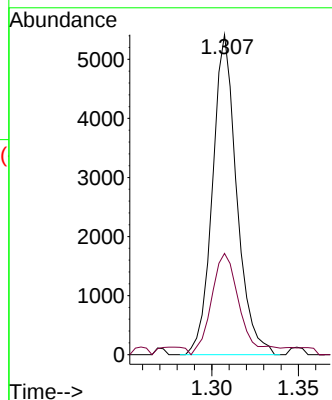
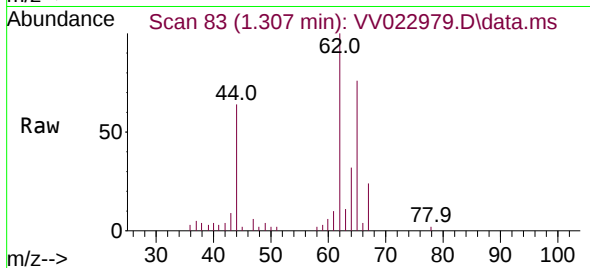




#5
 Vinyl chloride
 Concen: 0.503 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

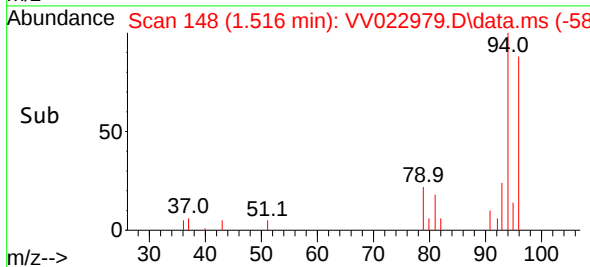
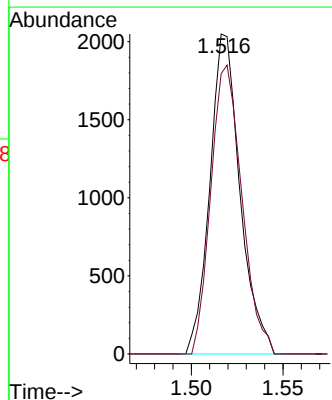
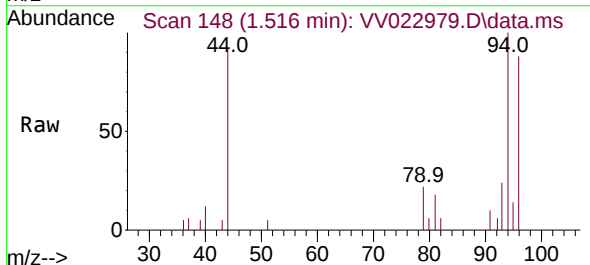
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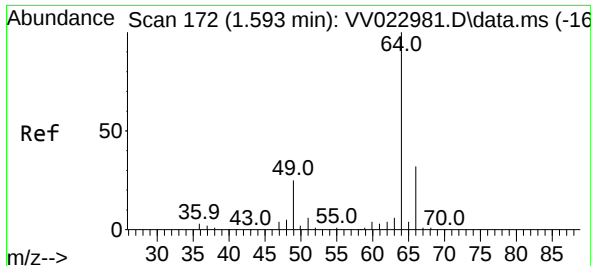
Tgt Ion: 62 Resp: 5264
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.1 42.9



#6
 Bromomethane
 Concen: 0.374 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.010 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

Tgt Ion: 94 Resp: 2344
 Ion Ratio Lower Upper
 94 100
 96 87.6 65.0 120.8

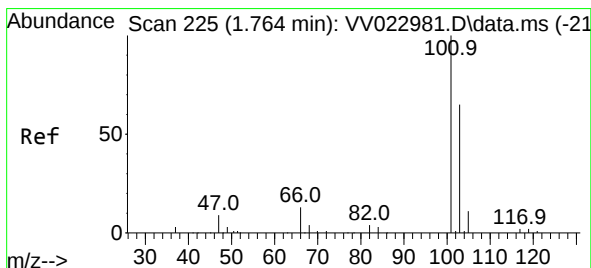
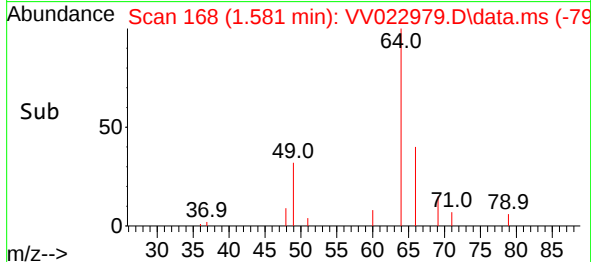
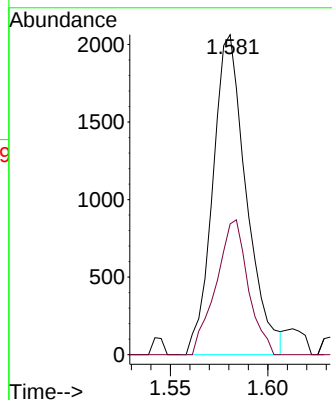
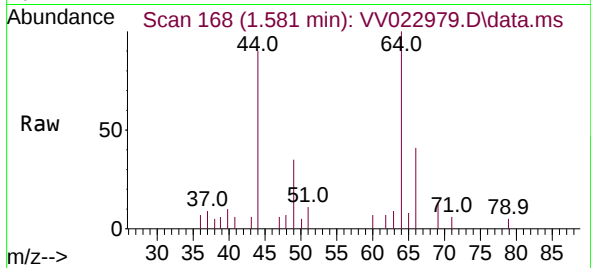




#8
Chloroethane
Concen: 0.393 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

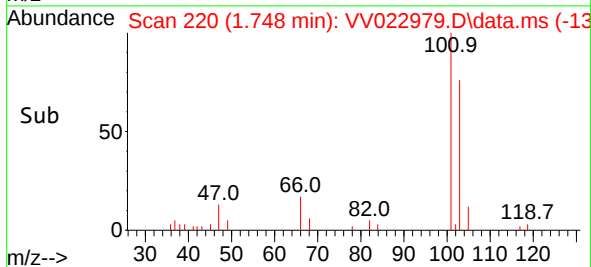
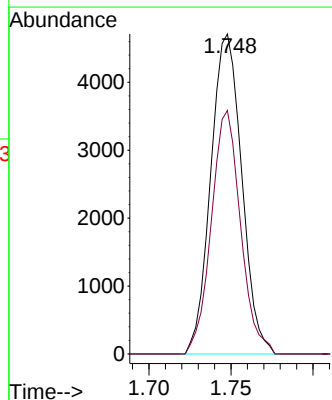
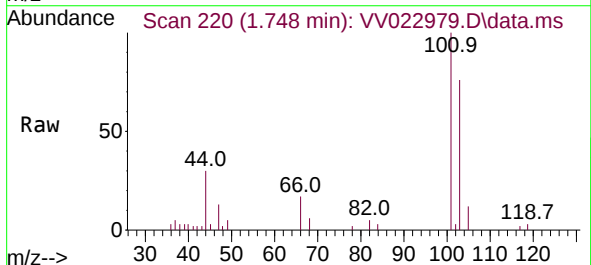
Instrument :
MSVOA_V
ClientSampleId :

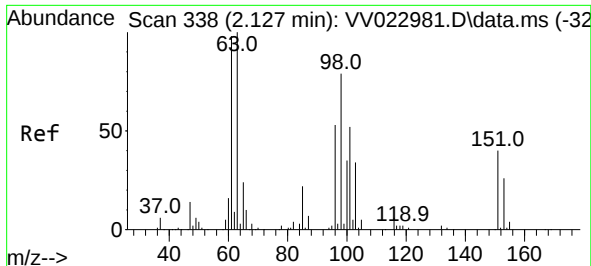
Tgt Ion: 64 Resp: 2463
Ion Ratio Lower Upper
64 100
66 40.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.413 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.016 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 101 Resp: 6177
Ion Ratio Lower Upper
101 100
103 71.8 52.6 79.0

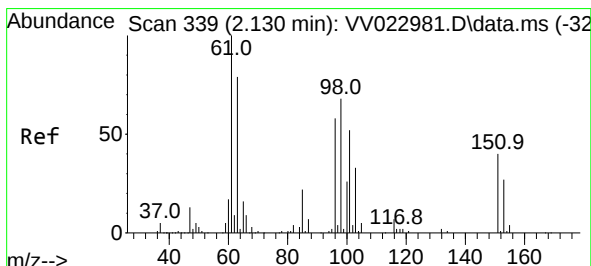
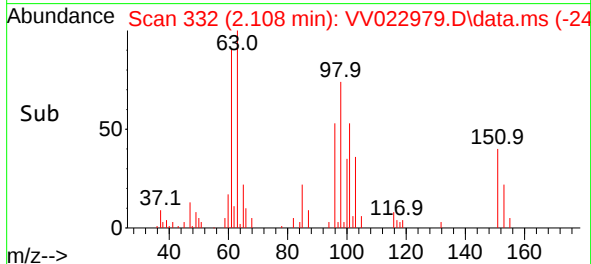
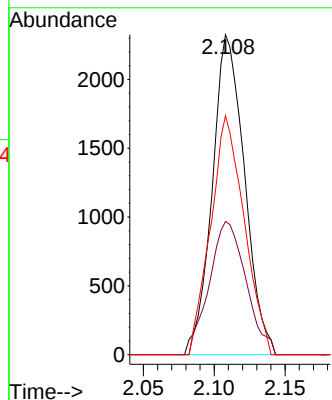
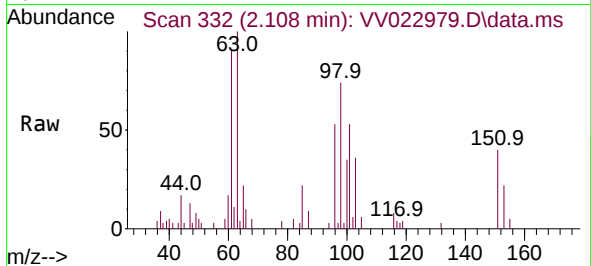




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.420 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.019 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

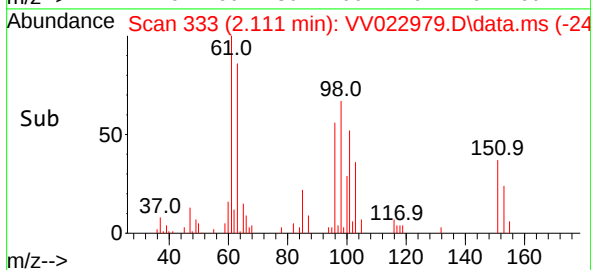
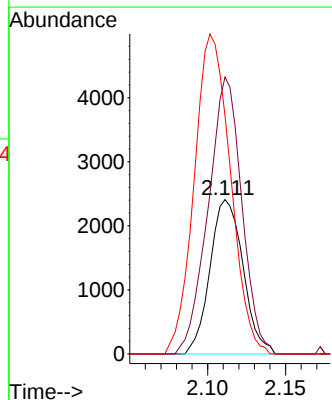
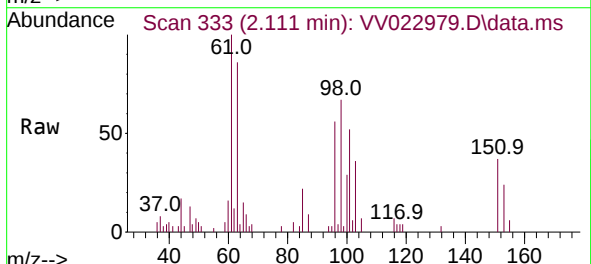
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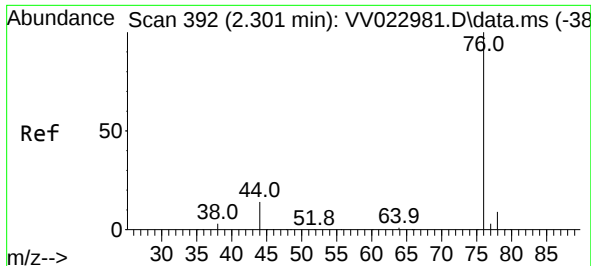
Tgt Ion:101 Resp: 3687
Ion Ratio Lower Upper
101 100
85 47.1 35.3 52.9
151 77.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 0.432 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.019 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 96 Resp: 3556
Ion Ratio Lower Upper
96 100
61 179.3 121.5 225.7
63 154.4 99.6 185.0

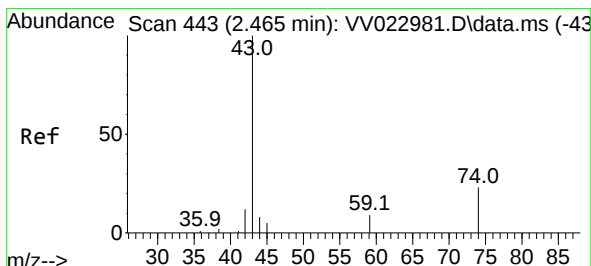
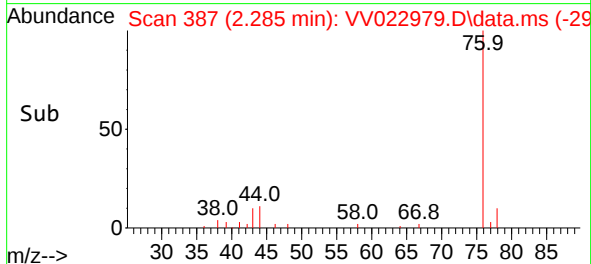
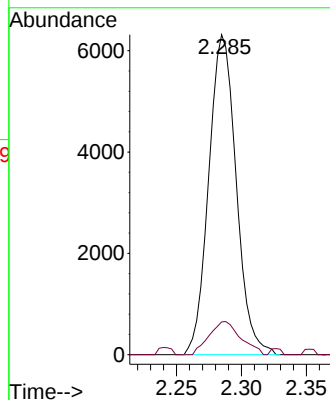
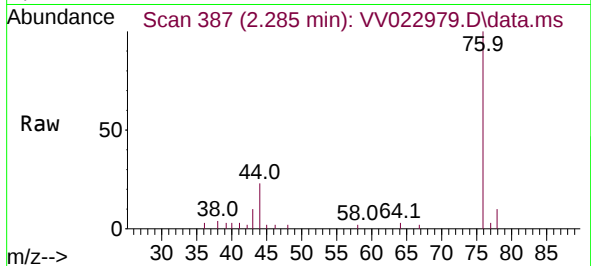




#14
Carbon disulfide
Concen: 0.404 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

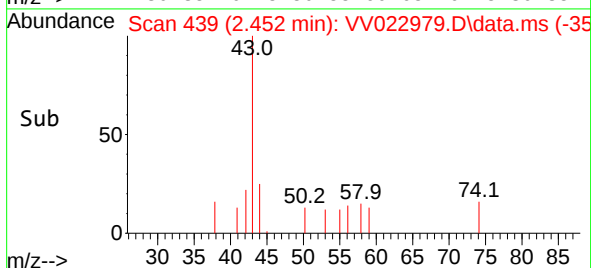
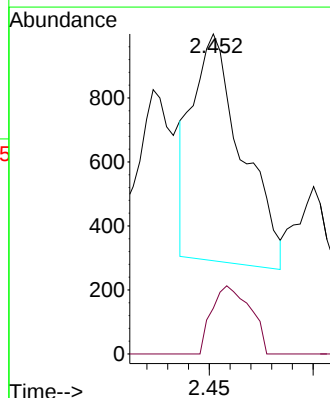
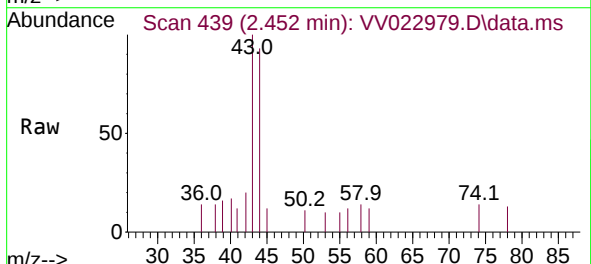
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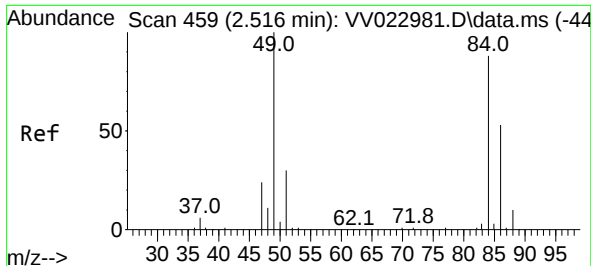
Tgt Ion: 76 Resp: 9292
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#15
Methyl Acetate
Concen: 0.324 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.013 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
74 23.2 22.2 33.2

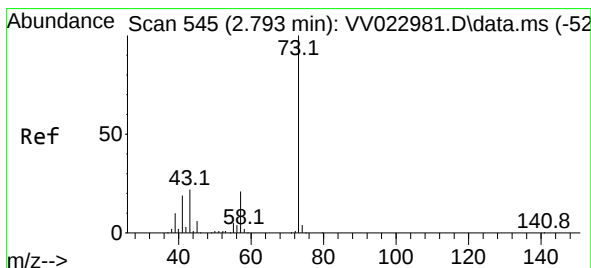
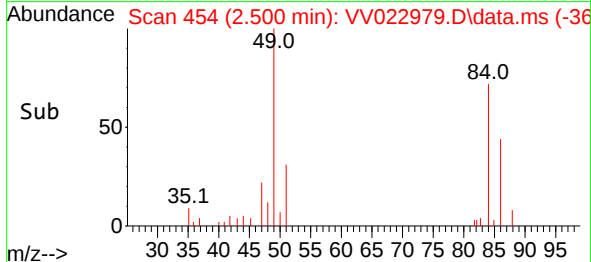
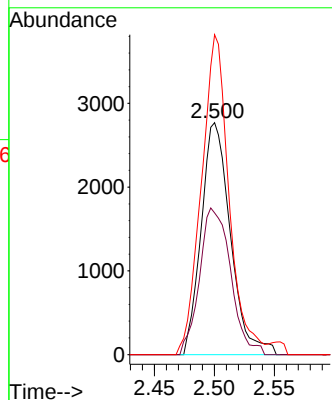
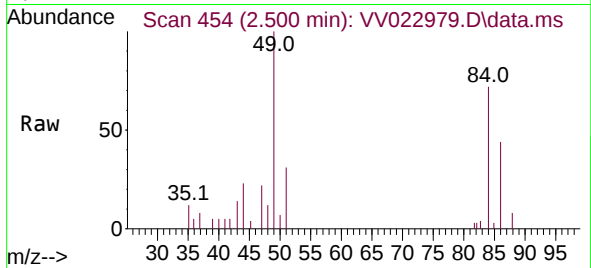




#16
Methylene chloride
Concen: 0.429 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

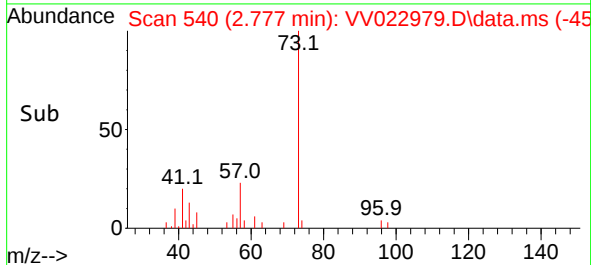
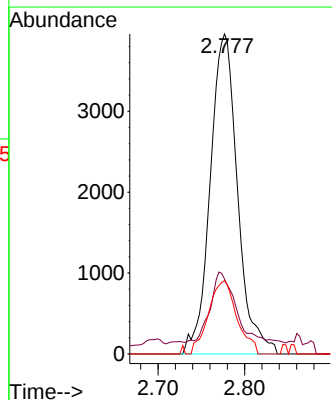
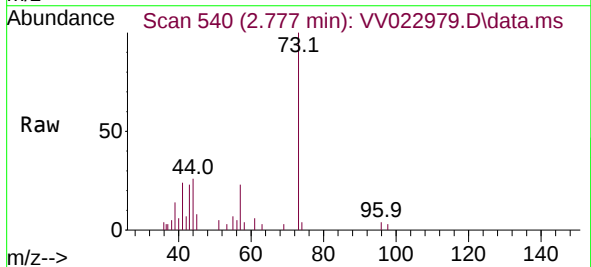
Instrument :
MSVOA_V
ClientSampleId :

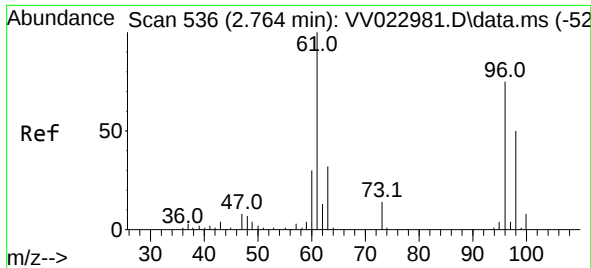
Tgt Ion: 84 Resp: 4699
Ion Ratio Lower Upper
84 100
86 61.1 42.3 78.5
49 138.0 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 0.455 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.016 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

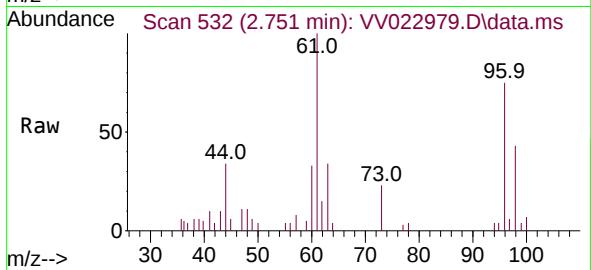
Tgt Ion: 73 Resp: 8685
Ion Ratio Lower Upper
73 100
43 31.6 17.4 26.0#
57 23.7 16.5 24.7



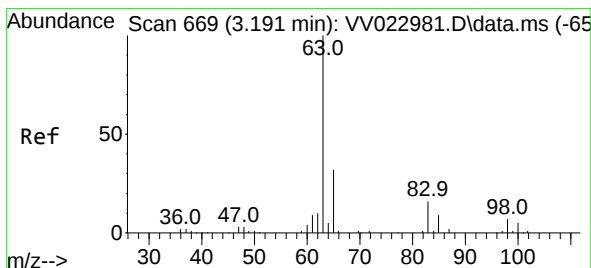
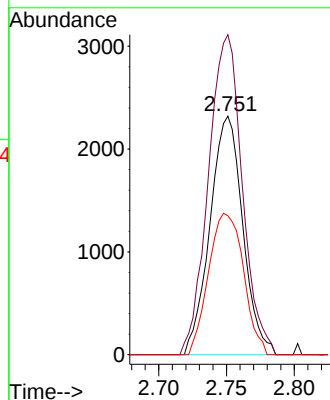
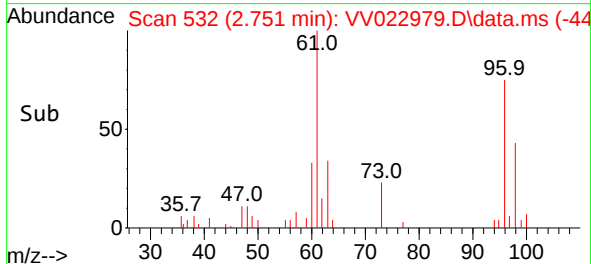


#18
trans-1,2-Dichloroethene
Concen: 0.453 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :

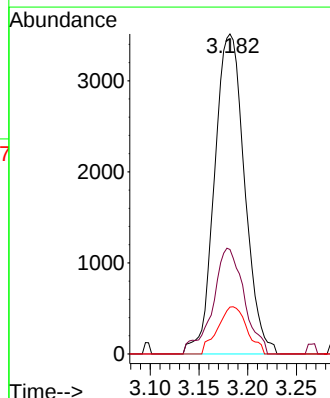
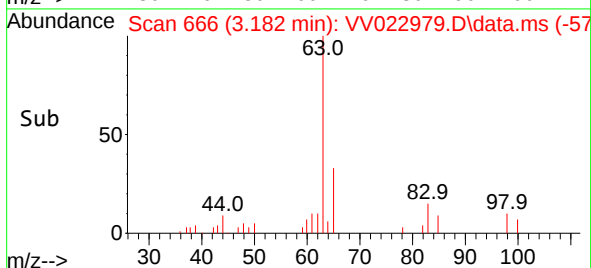
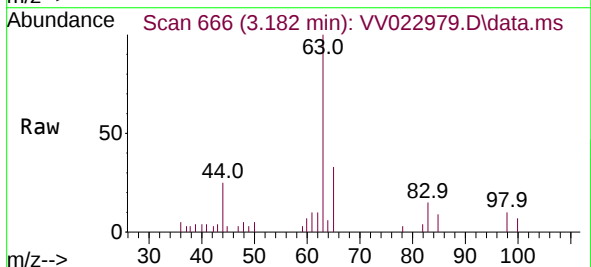


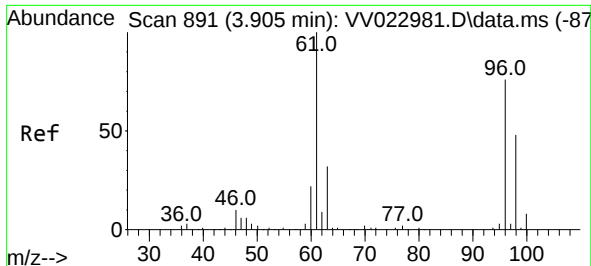
Tgt Ion: 96 Resp: 3917
Ion Ratio Lower Upper
96 100
61 134.1 93.2 173.2
98 58.2 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.482 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.010 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 63 Resp: 7527
Ion Ratio Lower Upper
63 100
65 32.6 22.6 42.0
83 14.7 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 0.362 ug/L

RT: 3.899 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :

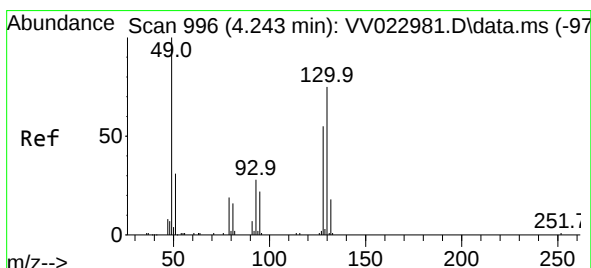
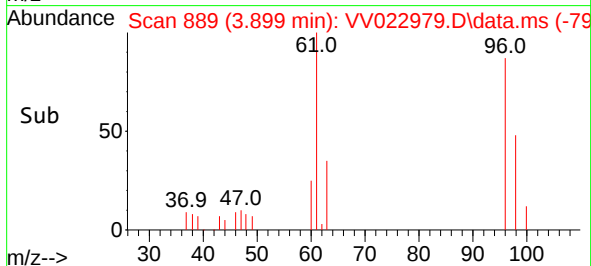
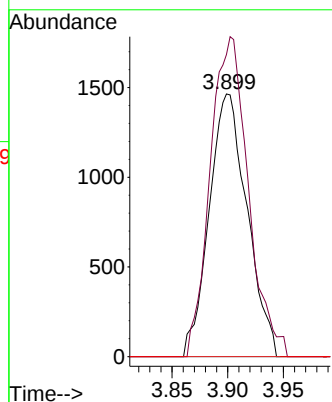
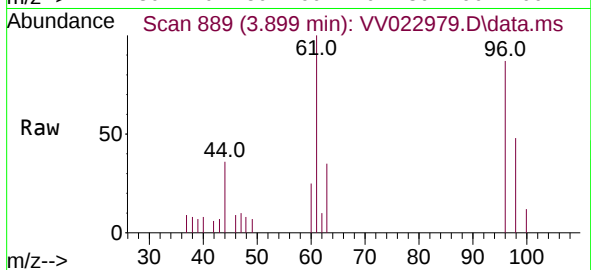
Tgt Ion: 96 Resp: 3469

Ion Ratio Lower Upper

96 100

61 114.9 92.3 171.3

68 0.0 0.4 0.8#



#23

Bromochloromethane

Concen: 0.443 ug/L

RT: 4.233 min Scan# 993

Delta R.T. -0.010 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Tgt Ion: 128 Resp: 1866

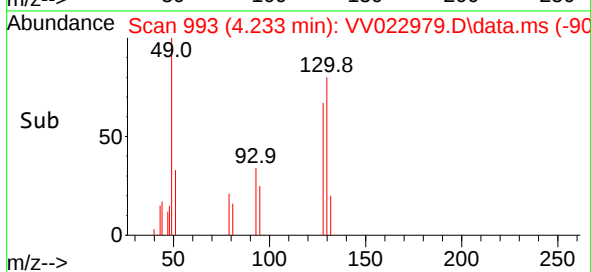
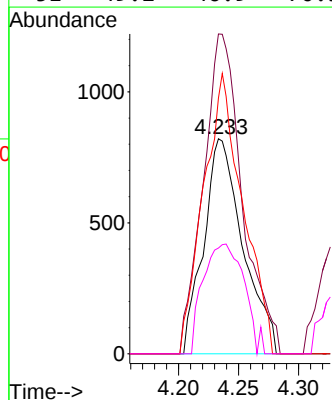
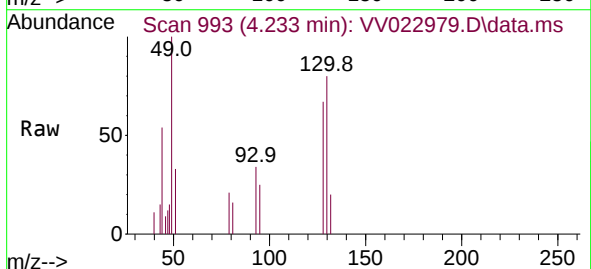
Ion Ratio Lower Upper

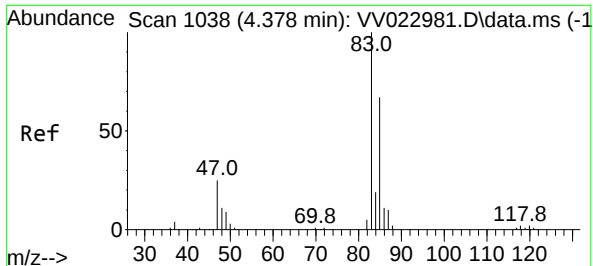
128 100

49 148.7 126.1 234.3

130 118.9 95.2 176.8

51 49.2 46.9 70.3





#25

Chloroform

Concen: 0.534 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

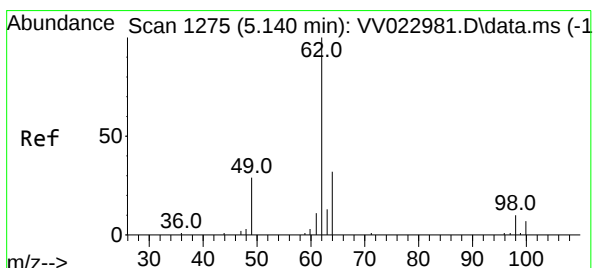
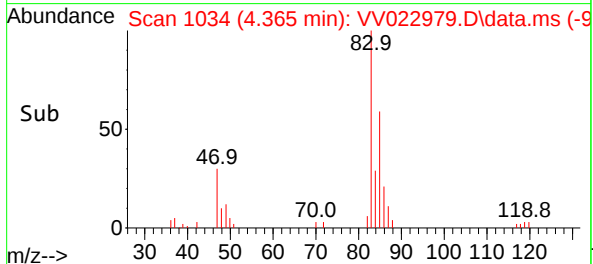
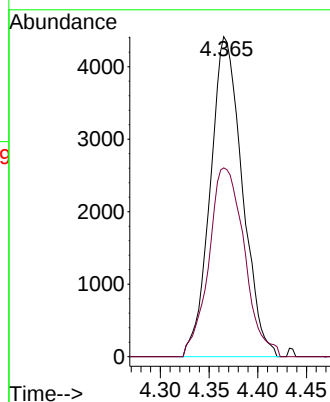
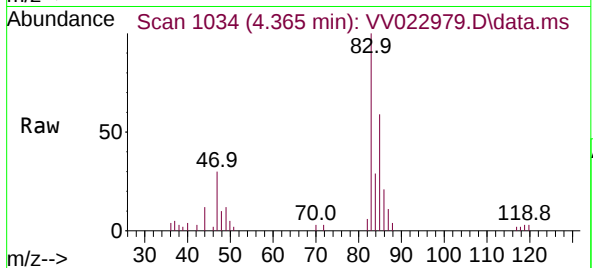
ClientSampleId :

Tgt Ion: 83 Resp: 10086

Ion Ratio Lower Upper

83 100

85 59.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.465 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VV022979.D

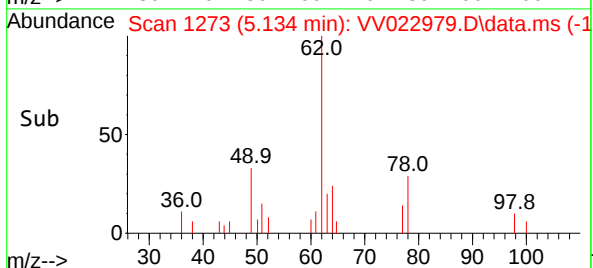
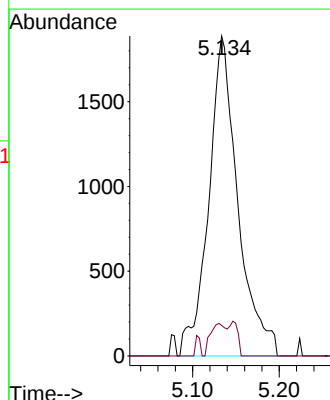
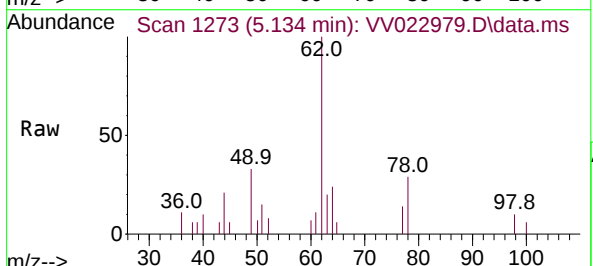
Acq: 22 Oct 2021 10:04

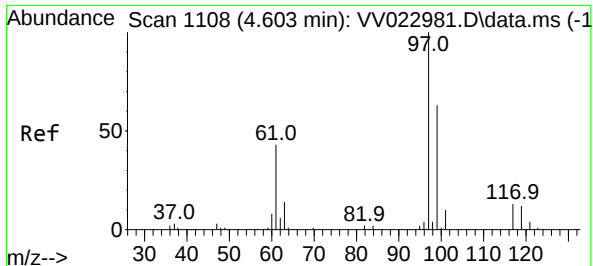
Tgt Ion: 62 Resp: 4418

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.507 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV022979.D

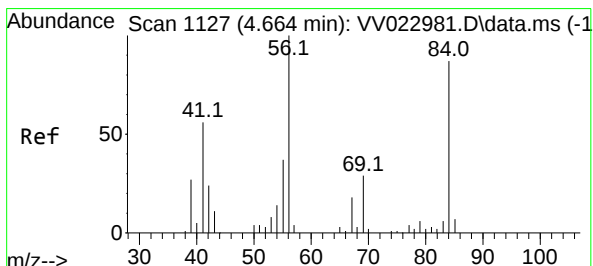
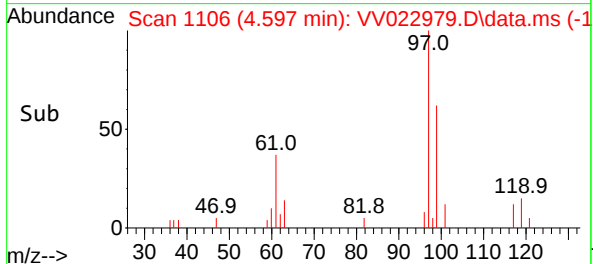
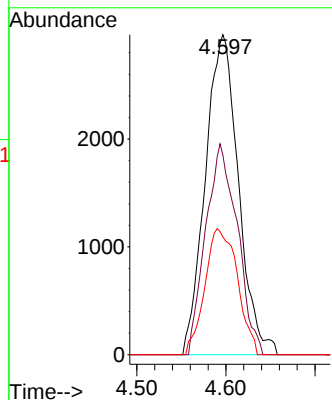
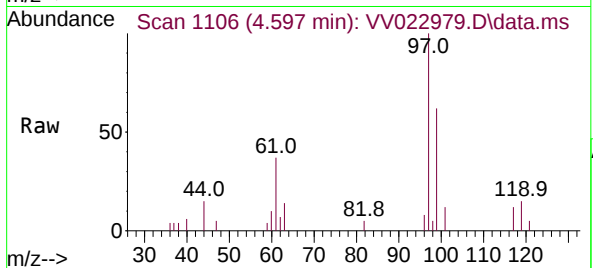
Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 7674		
Ion Ratio	Lower	Upper	
97 100			
99 62.8	51.0	76.4	
61 38.6	34.1	51.1	



#30

Cyclohexane

Concen: 0.436 ug/L

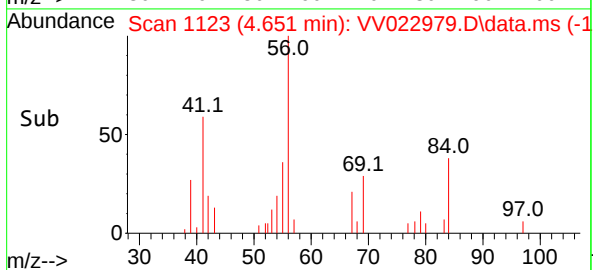
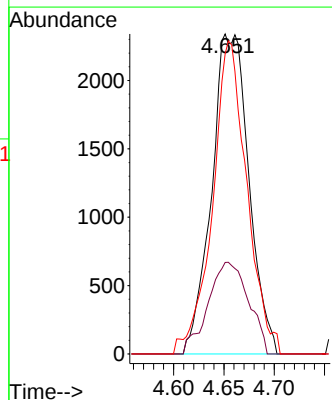
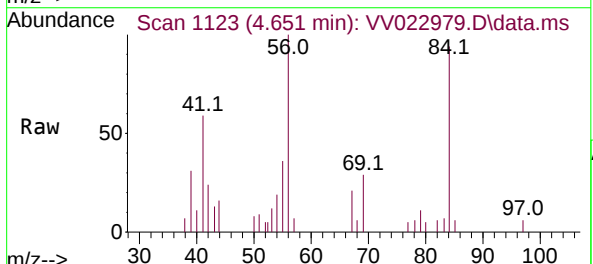
RT: 4.651 min Scan# 1123

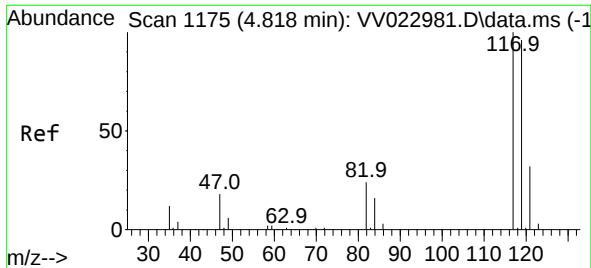
Delta R.T. -0.013 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Tgt Ion: 56	Resp: 6028
Ion Ratio	Lower Upper
56 100	
69 31.0	23.5 35.3
84 90.0	71.6 107.4

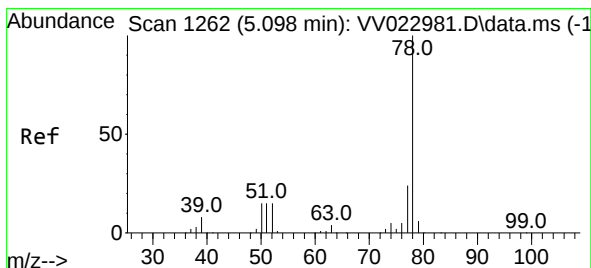
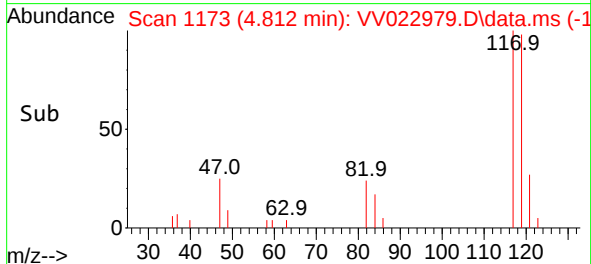
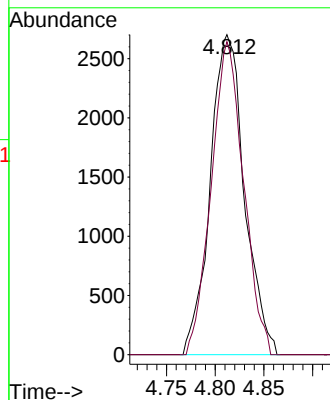
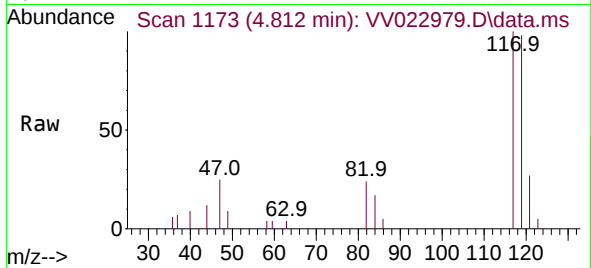




#31
Carbon tetrachloride
Concen: 0.506 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

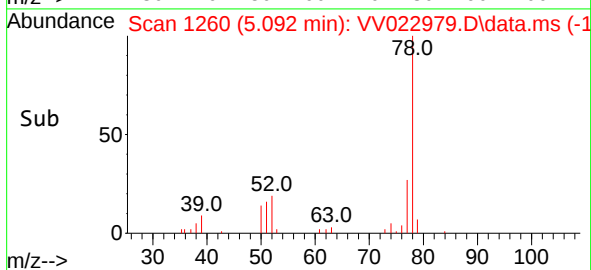
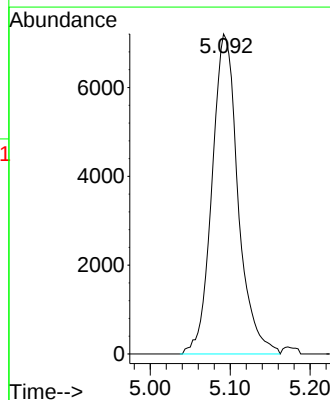
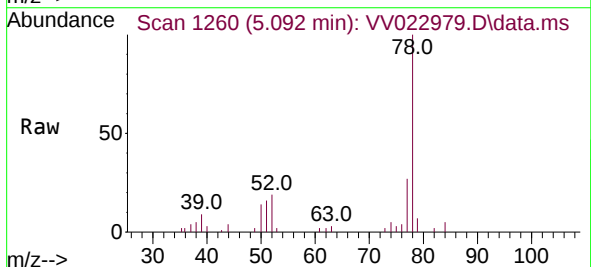
Instrument :
MSVOA_V
ClientSampleId :

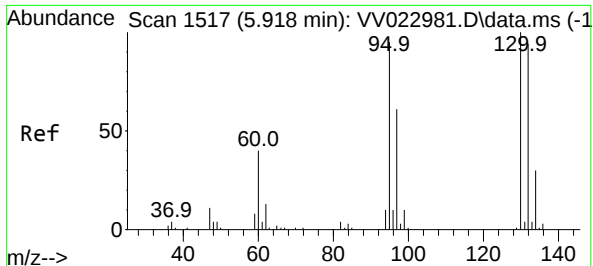
Tgt Ion:117 Resp: 6619
Ion Ratio Lower Upper
117 100
119 92.2 78.8 118.2



#33
Benzene
Concen: 0.457 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

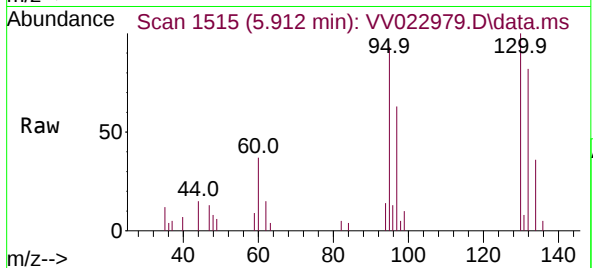
Tgt Ion: 78 Resp: 16318





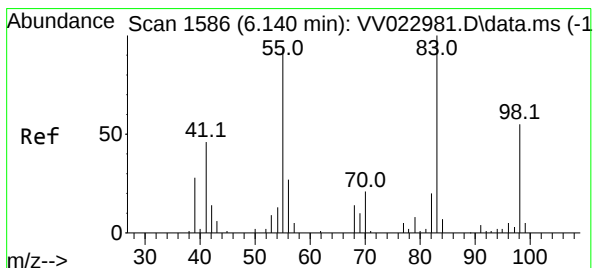
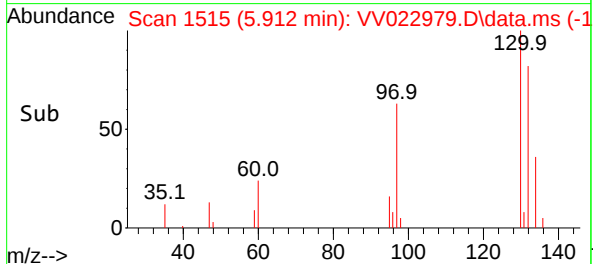
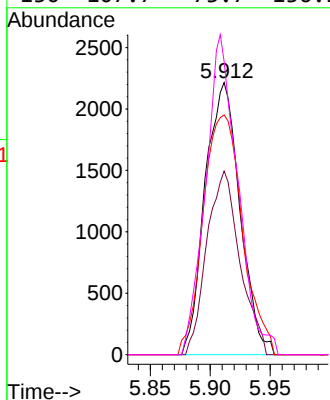
#34
Trichloroethene
Concen: 0.466 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 4476

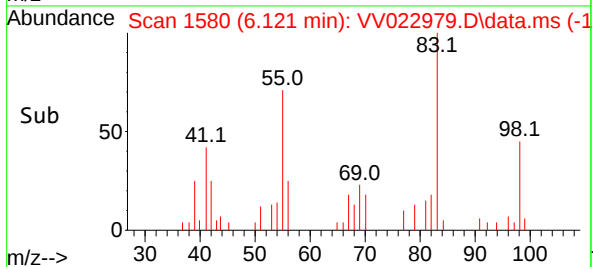
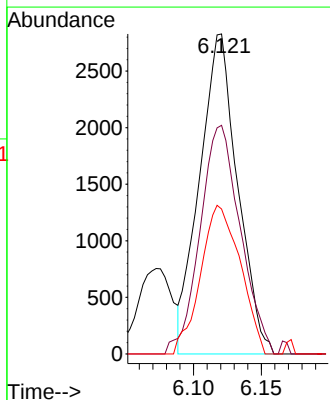
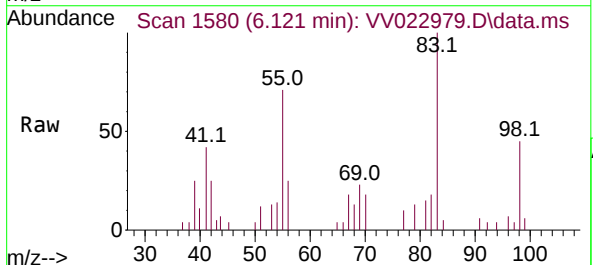
Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.0	83.6
132	88.1	69.7	129.4
130	107.7	73.7	136.9

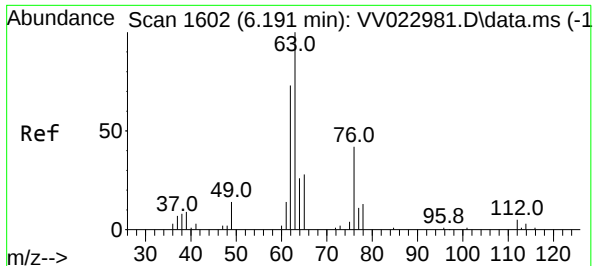


#35
Methylcyclohexane
Concen: 0.410 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.019 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 83 Resp: 5521

Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.8	94.2
98	48.4	37.9	56.9





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

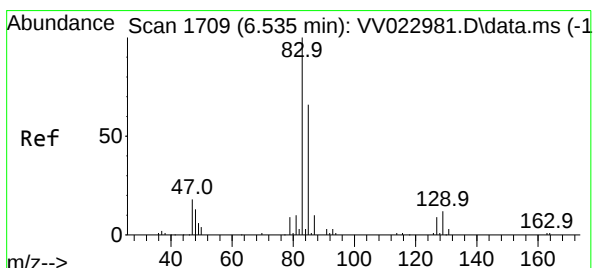
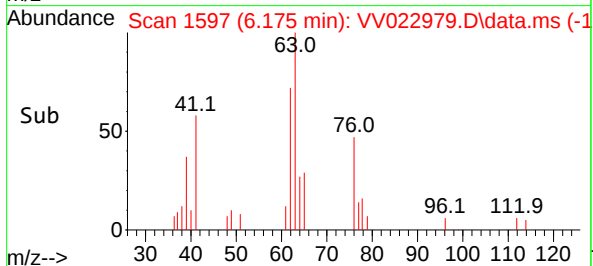
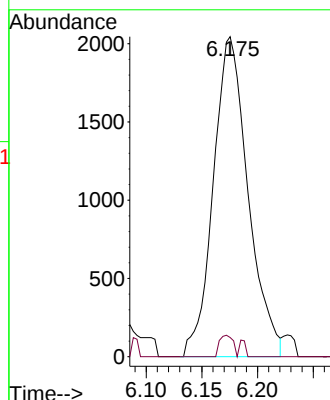
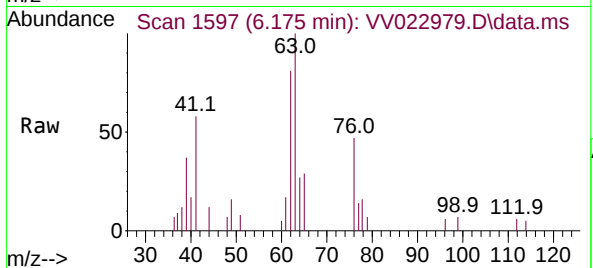
ClientSampleId :

Tgt Ion: 63 Resp: 4446

Ion Ratio Lower Upper

63 100

112 2.6 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.500 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.026 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

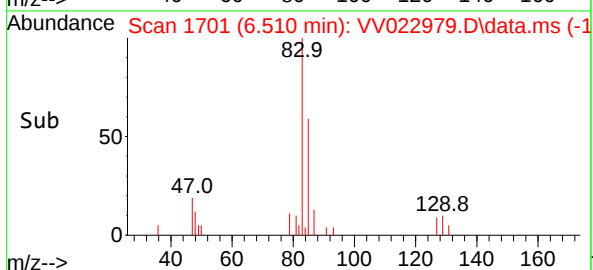
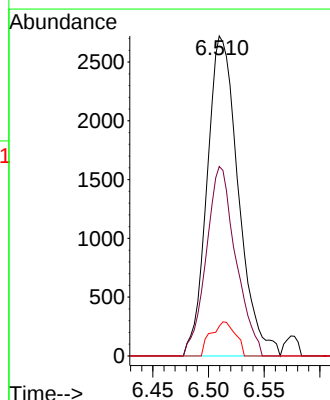
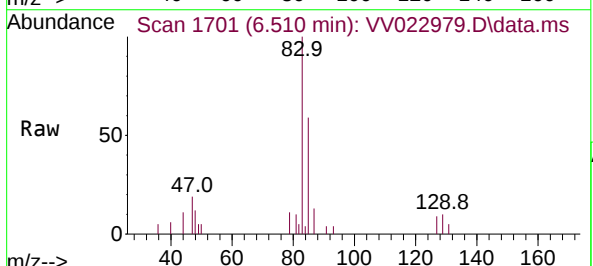
Tgt Ion: 83 Resp: 5305

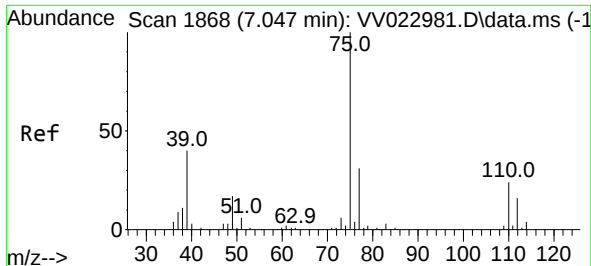
Ion Ratio Lower Upper

83 100

85 59.2 46.1 85.7

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 7.034 min Scan# 11

Delta R.T. -0.013 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

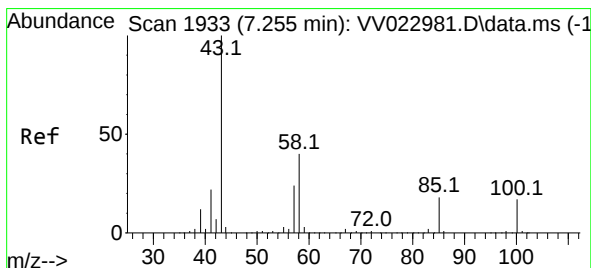
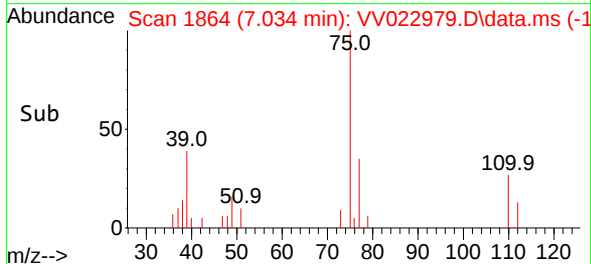
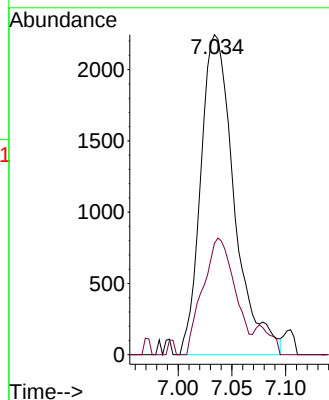
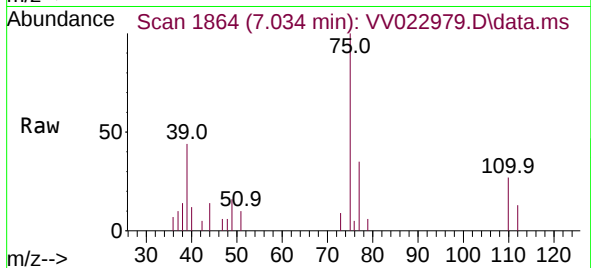
ClientSampleId :

Tgt Ion: 75 Resp: 4877

Ion Ratio Lower Upper

75 100

77 34.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 3.741 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. -0.010 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

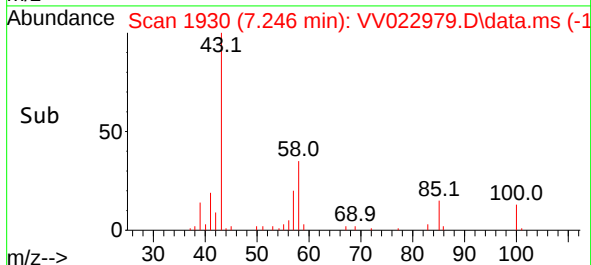
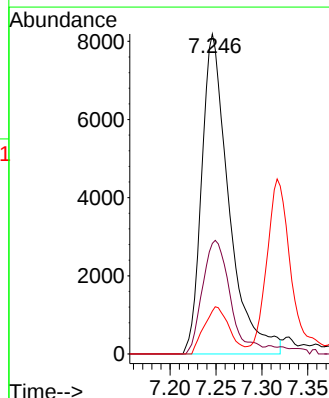
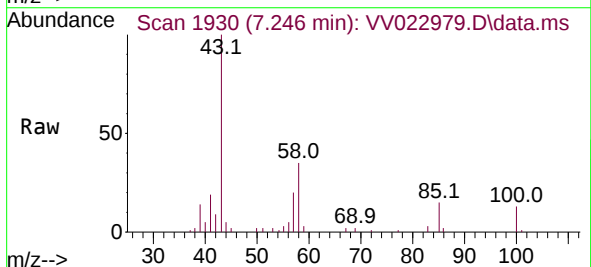
Tgt Ion: 43 Resp: 16877

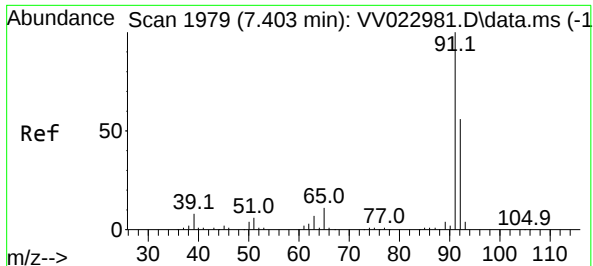
Ion Ratio Lower Upper

43 100

58 36.1 31.1 46.7

100 13.6 12.6 19.0

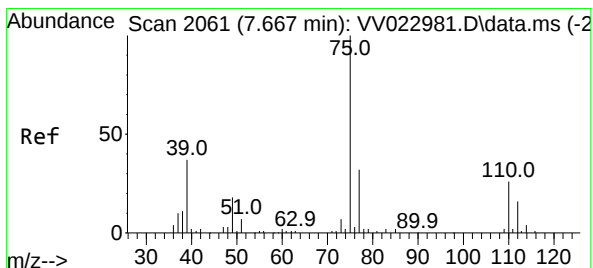
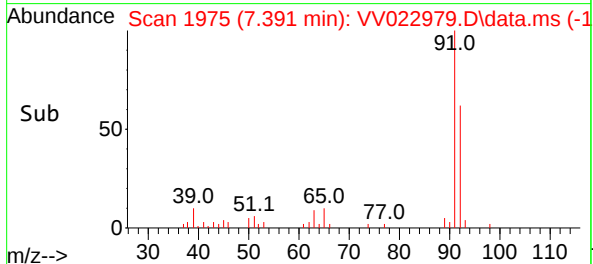
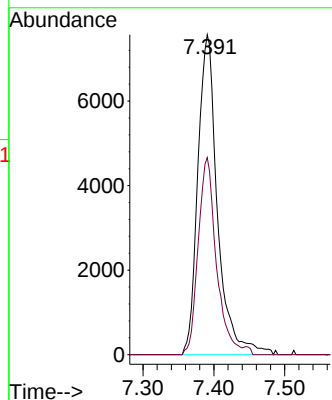
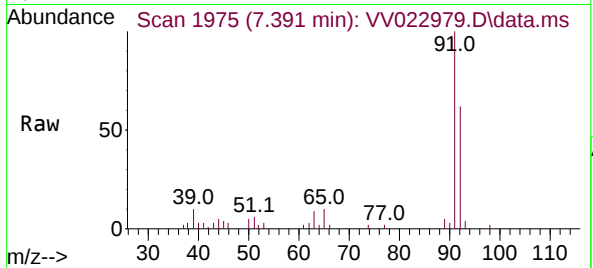




#42
Toluene
Concen: 0.403 ug/L
RT: 7.391 min Scan# 1979
Delta R.T. -0.013 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

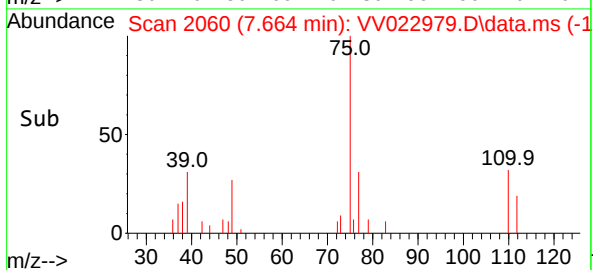
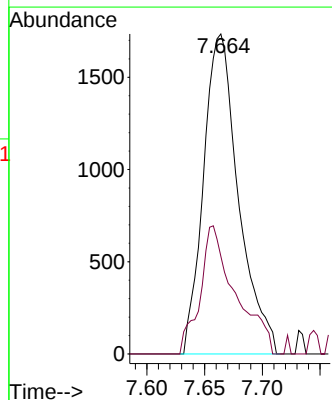
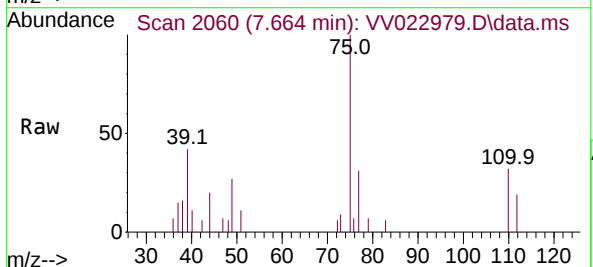
Instrument :
MSVOA_V
ClientSampleId :

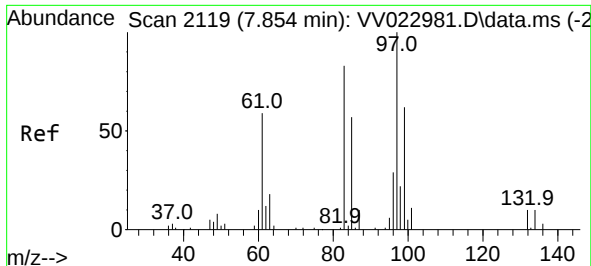
Tgt Ion: 91 Resp: 14617
Ion Ratio Lower Upper
91 100
92 61.6 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 0.397 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 75 Resp: 3662
Ion Ratio Lower Upper
75 100
77 30.5 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 0.484 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. -0.010 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 3062

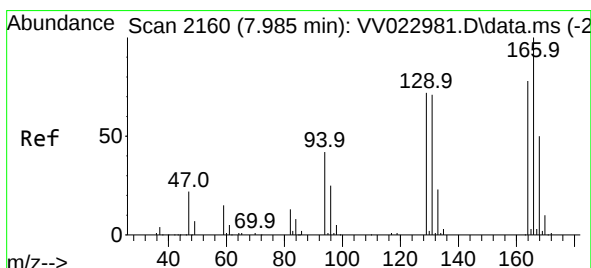
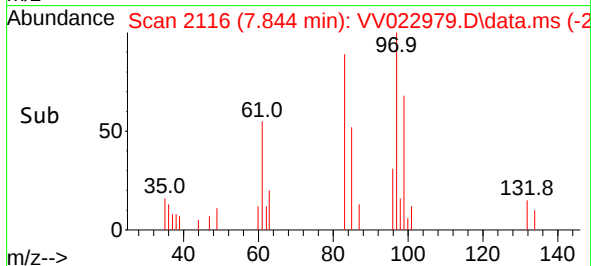
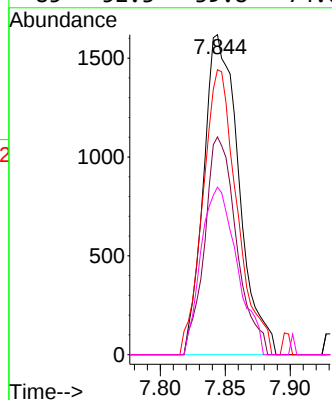
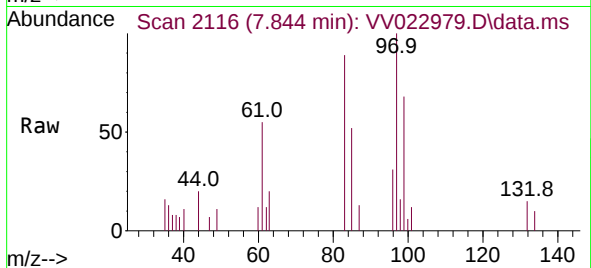
Ion Ratio Lower Upper

97 100

99 68.1 43.6 81.0

83 89.1 58.4 108.4

85 52.3 39.8 74.0



#47

Tetrachloroethene

Concen: 0.478 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.013 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Tgt Ion:164 Resp: 3726

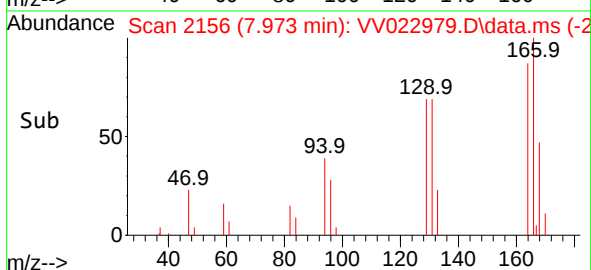
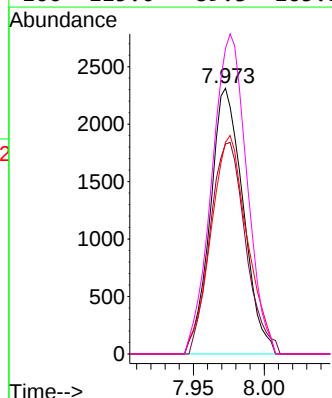
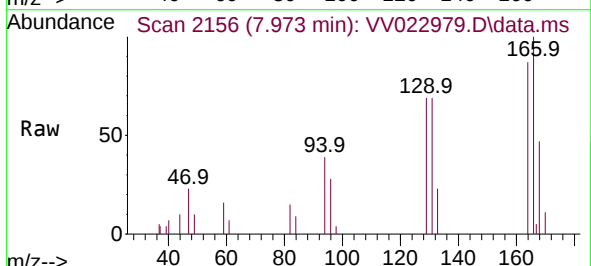
Ion Ratio Lower Upper

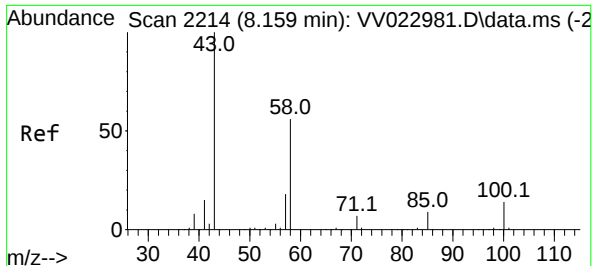
164 100

129 79.0 64.0 119.0

131 79.6 63.4 117.8

166 115.0 89.3 165.9

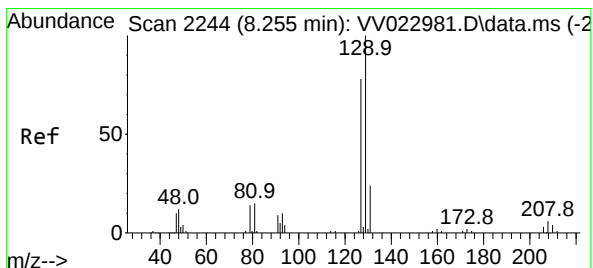
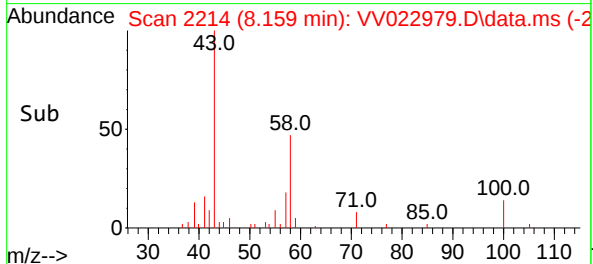
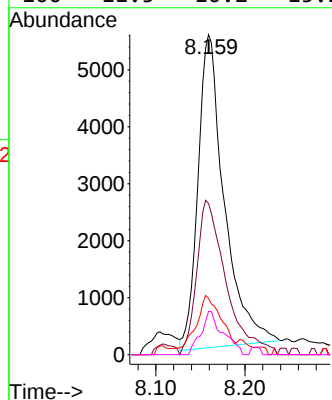
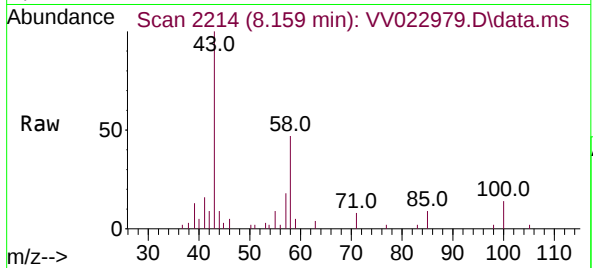




#48
2-Hexanone
Concen: 3.419 ug/L
RT: 8.159 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

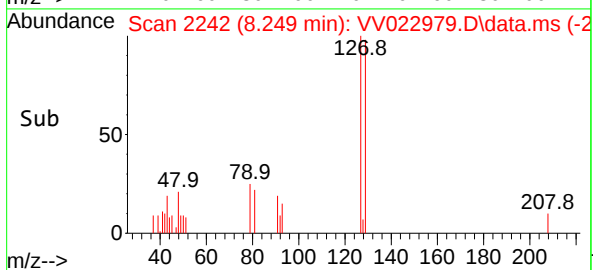
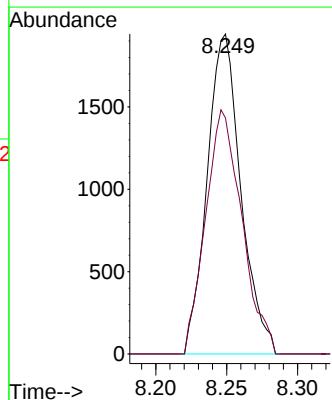
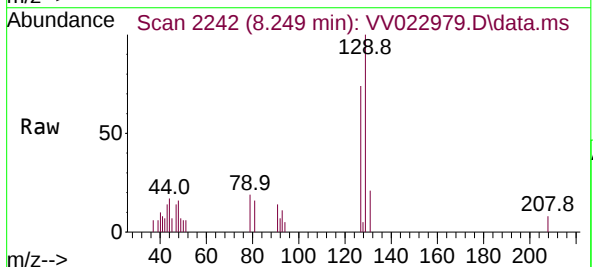
Instrument :
MSVOA_V
ClientSampleId :

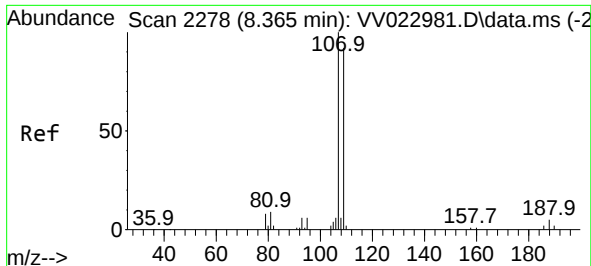
Tgt Ion: 43	Resp: 11277
Ion Ratio	Lower Upper
43 100	
58 54.7	43.7 65.5
57 16.7	14.1 21.1
100 11.5	10.2 15.2



#49
Dibromochloromethane
Concen: 0.435 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion:129	Resp:	3225	
Ion	Ratio	Lower	Upper
129	100		
127	73.8	54.7	101.7





#50

1,2-Dibromoethane

Concen: 0.437 ug/L

RT: 8.358 min Scan# 21

Delta R.T. -0.006 min

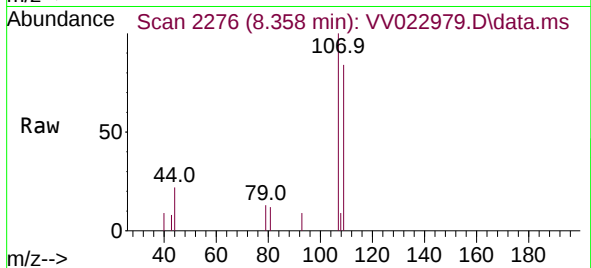
Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

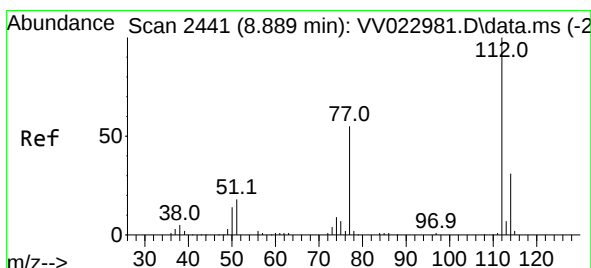
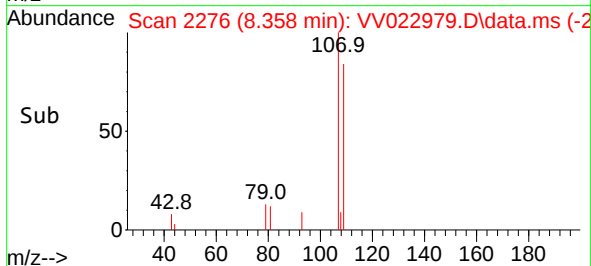
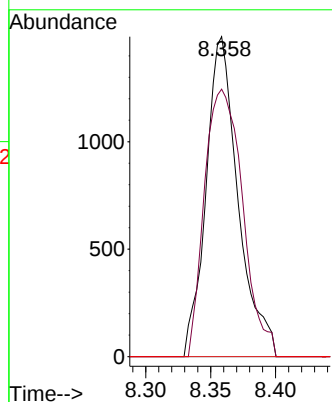
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	2560
Ion	Ratio	Lower	Upper
107	100		
109	83.6	64.7	120.1
188	0.0	3.6	5.4#



#51

Chlorobenzene

Concen: 0.465 ug/L

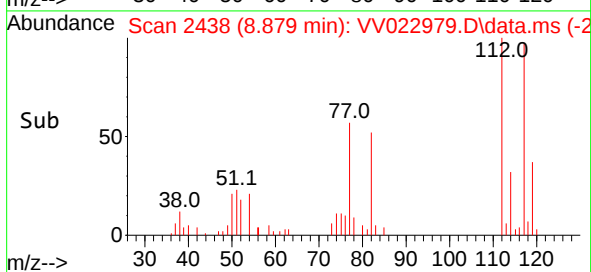
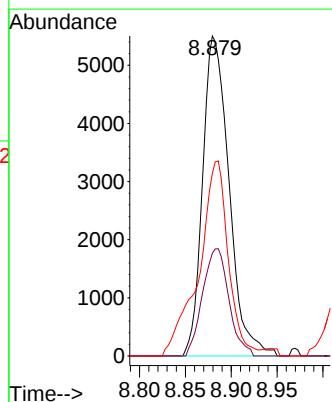
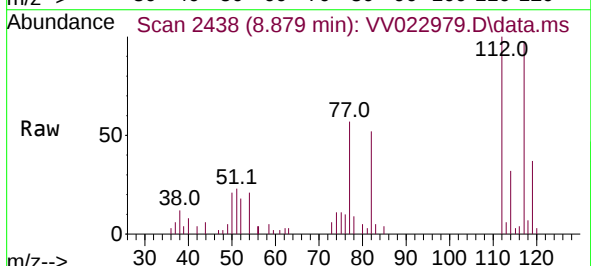
RT: 8.879 min Scan# 2438

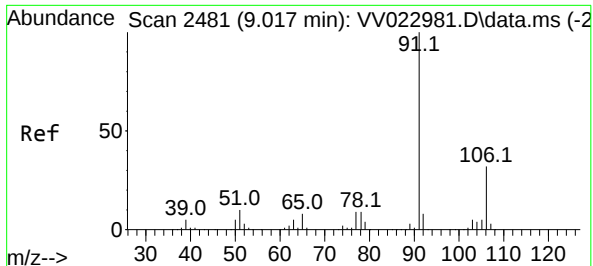
Delta R.T. -0.010 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Tgt Ion:	112	Resp:	11025
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	40.8
77	57.1	44.4	66.6

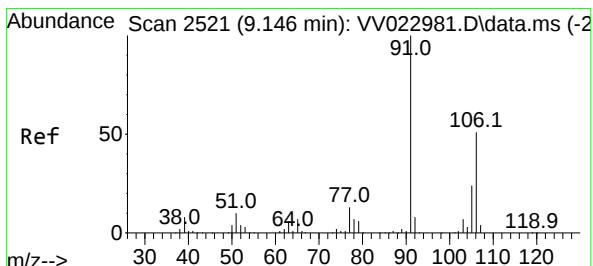
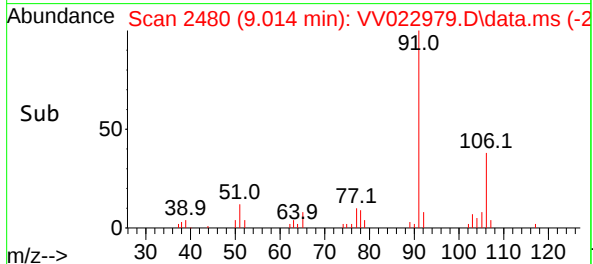
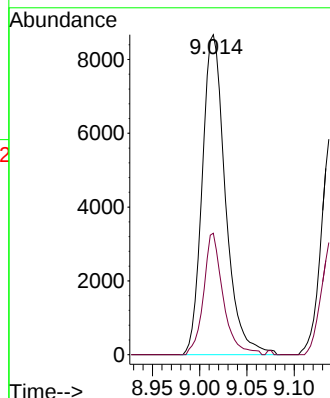
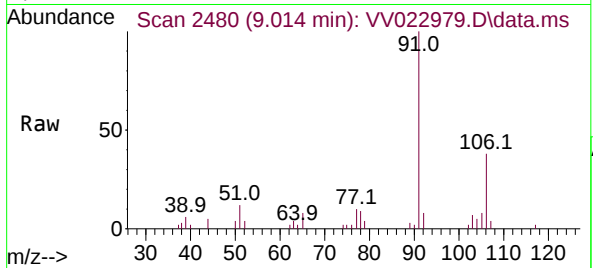




#52
Ethylbenzene
Concen: 0.407 ug/L
RT: 9.014 min Scan# 2481
Delta R.T. -0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

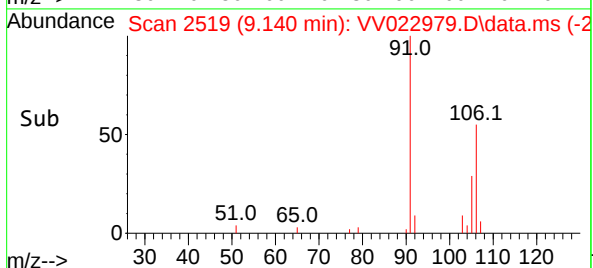
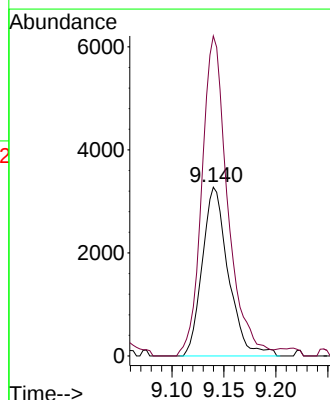
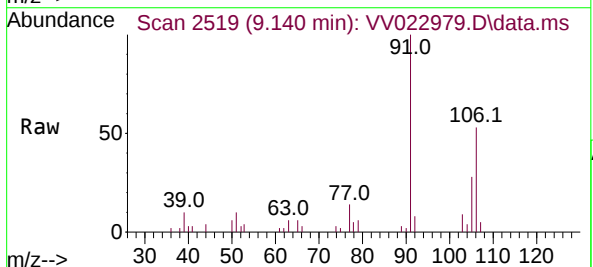
Instrument :
MSVOA_V
ClientSampleId :

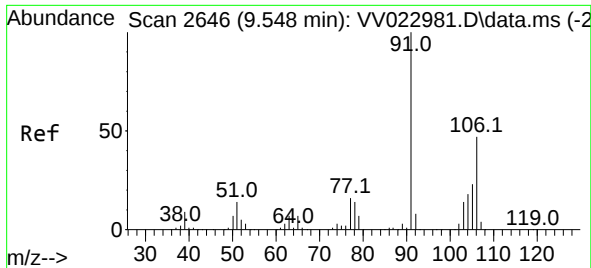
Tgt Ion: 91 Resp: 14781
Ion Ratio Lower Upper
91 100
106 37.9 22.5 41.9



#53
m,p-xylene
Concen: 0.397 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.006 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 106 Resp: 5715
Ion Ratio Lower Upper
106 100
91 189.5 137.2 254.8

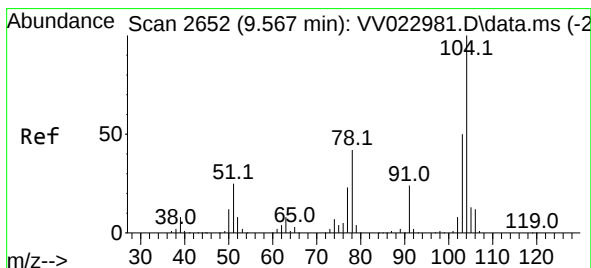
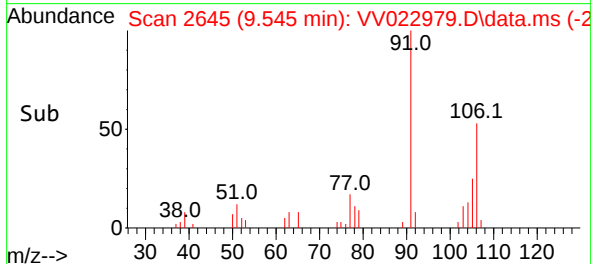
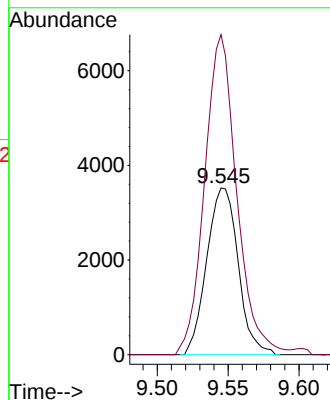
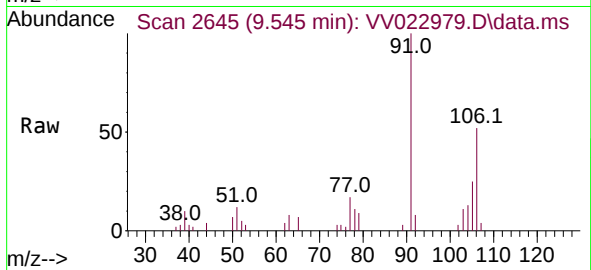




#54
o-xylene
Concen: 0.404 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

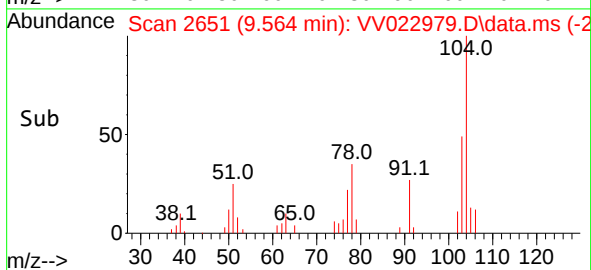
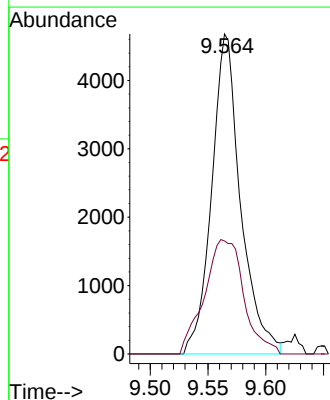
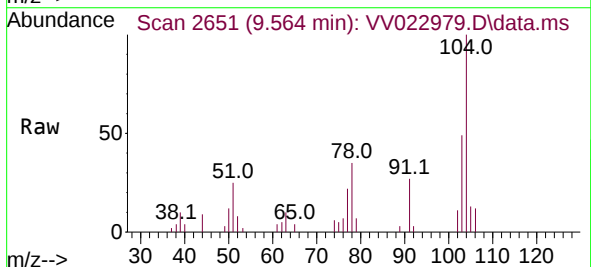
Instrument :
MSVOA_V
ClientSampleId :

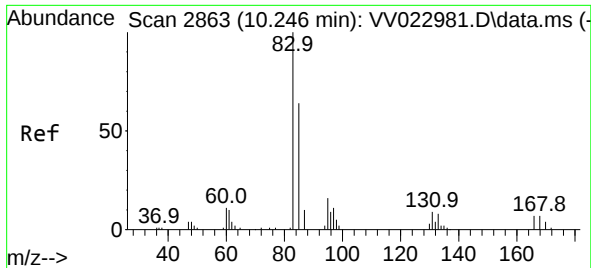
Tgt Ion:106 Resp: 5427
Ion Ratio Lower Upper
106 100
91 191.9 148.3 275.5



#55
Styrene
Concen: 0.352 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion:104 Resp: 8151
Ion Ratio Lower Upper
104 100
78 35.3 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.466 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. -0.003 min

Lab File: VV022979.D

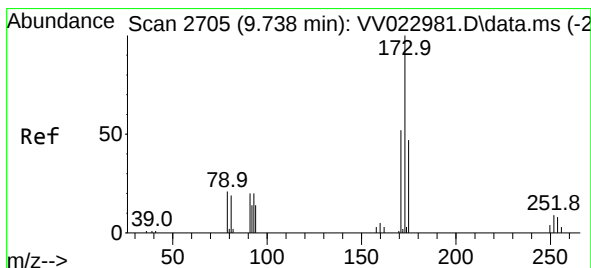
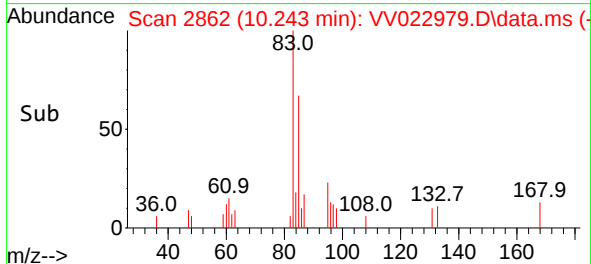
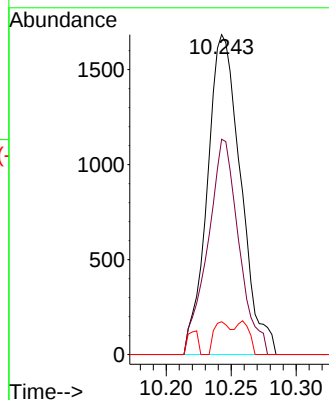
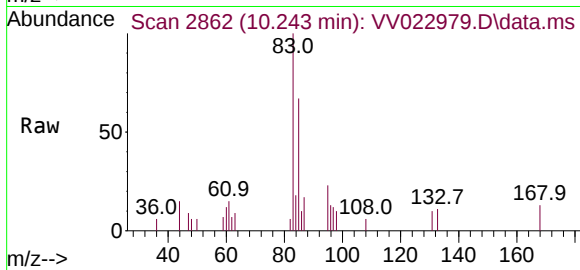
Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	3012
Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.1	83.9
131	10.3	7.8	11.6



#59

Bromoform

Concen: 0.552 ug/L

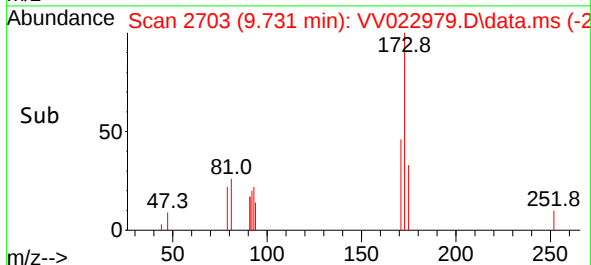
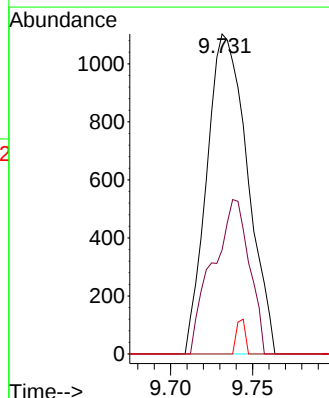
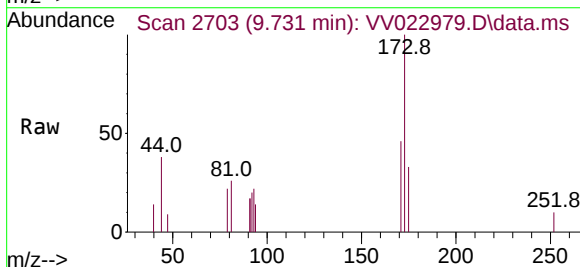
RT: 9.731 min Scan# 2703

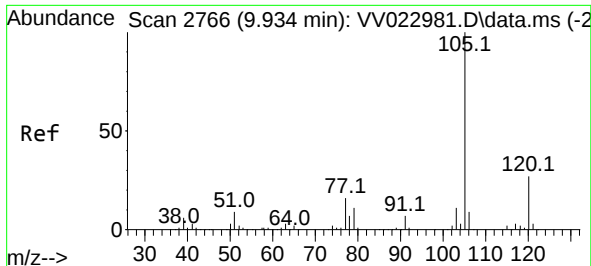
Delta R.T. -0.006 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Tgt Ion:	173	Resp:	1899
Ion	Ratio	Lower	Upper
173	100		
175	43.4	38.2	57.2
254	2.3	6.2	9.2

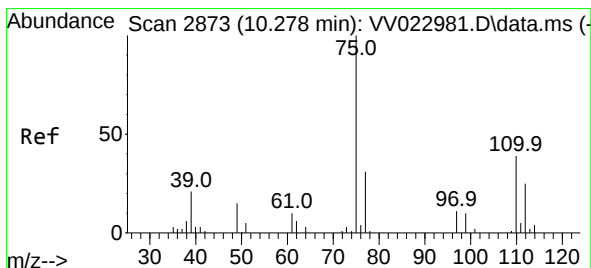
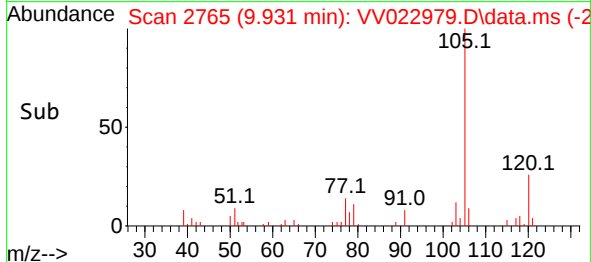
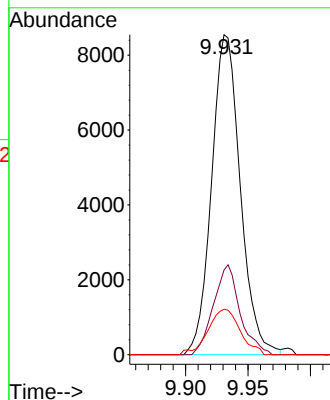
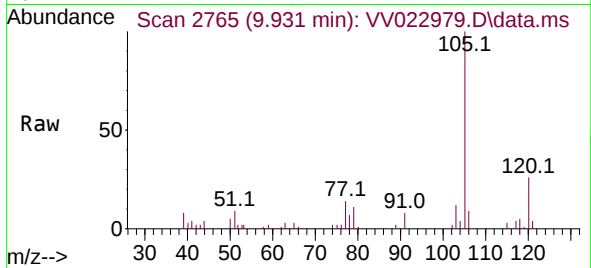




#60
Isopropylbenzene
Concen: 0.440 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

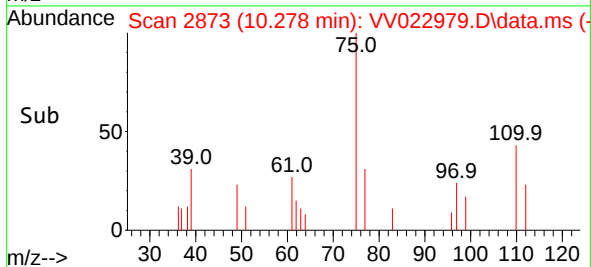
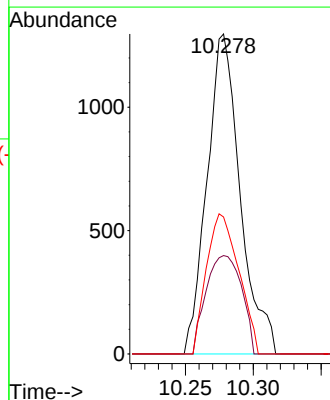
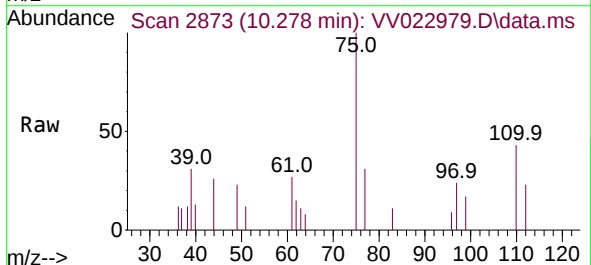
Instrument :
MSVOA_V
ClientSampleId :

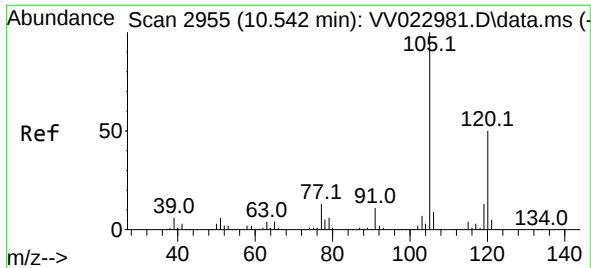
Tgt Ion:105 Resp: 13706
Ion Ratio Lower Upper
105 100
120 26.0 21.7 32.5
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.520 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion: 75 Resp: 2204
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8
110 42.7 31.8 47.6

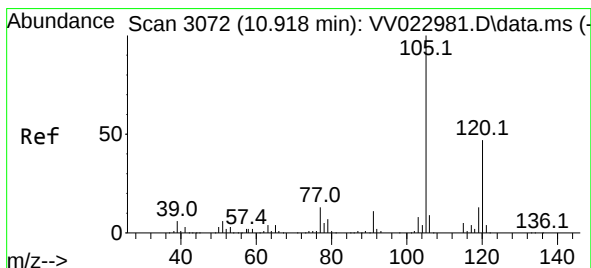
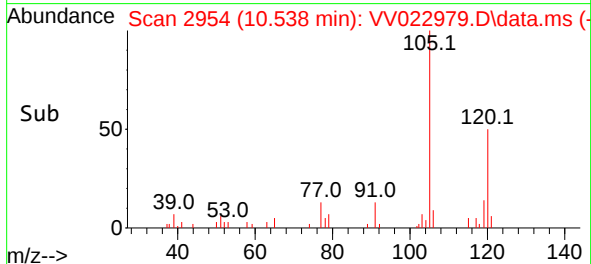
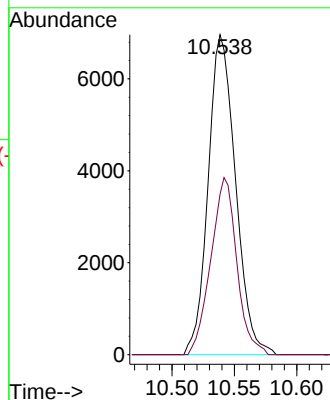
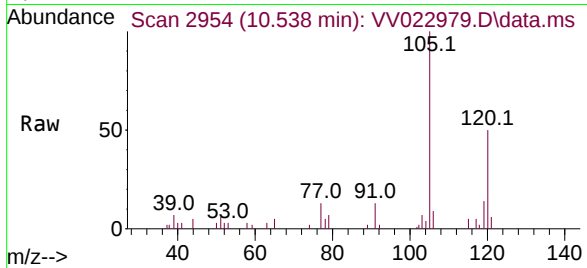




#62
 1,3,5-Trimethylbenzene
 Concen: 0.426 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

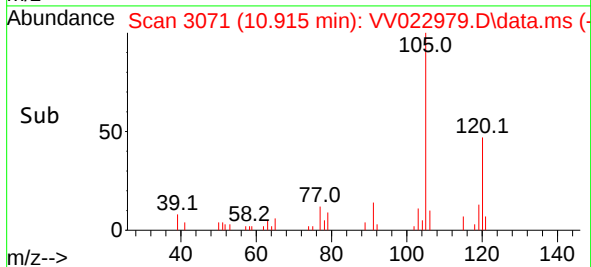
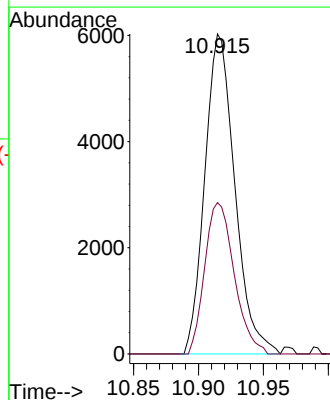
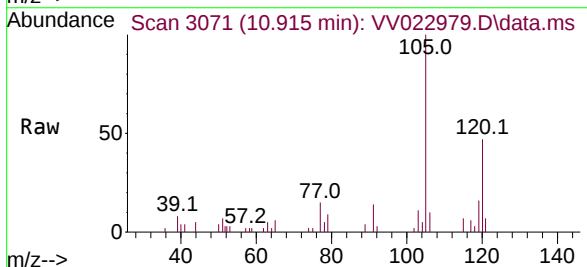
Instrument :
 MSVOA_V
 ClientSampleId :

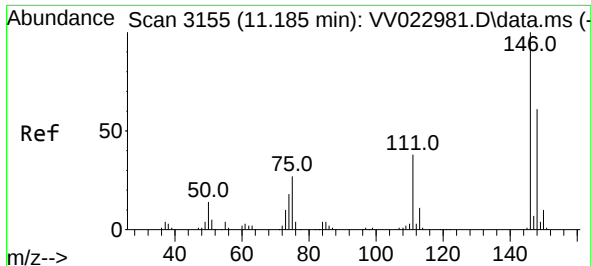
Tgt Ion:105 Resp: 10641
 Ion Ratio Lower Upper
 105 100
 120 52.5 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.387 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.003 min
 Lab File: VV022979.D
 Acq: 22 Oct 2021 10:04

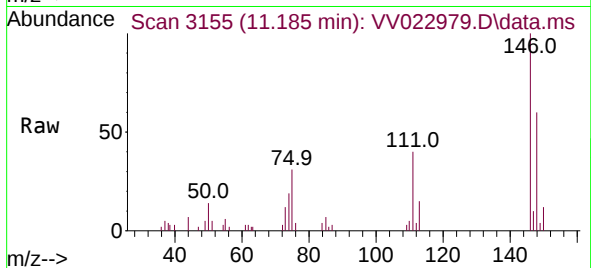
Tgt Ion:105 Resp: 9678
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2



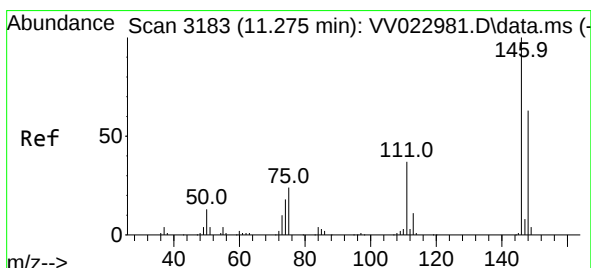
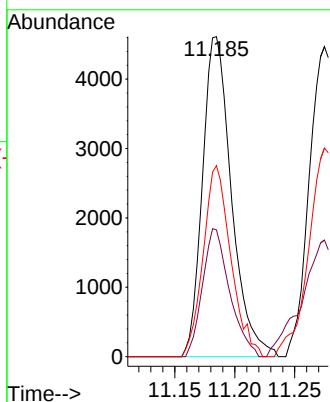
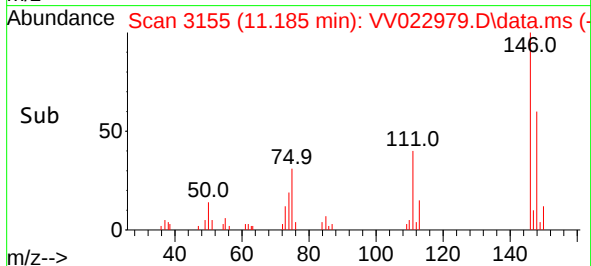


#64
1,3-Dichlorobenzene
Concen: 0.475 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

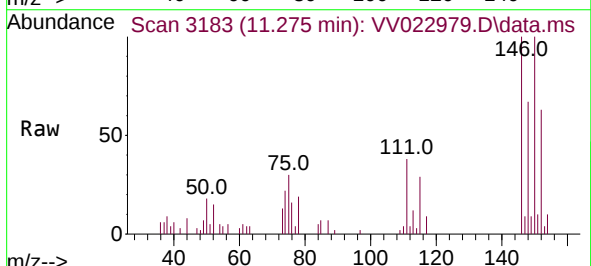
Instrument :
MSVOA_V
ClientSampleId :



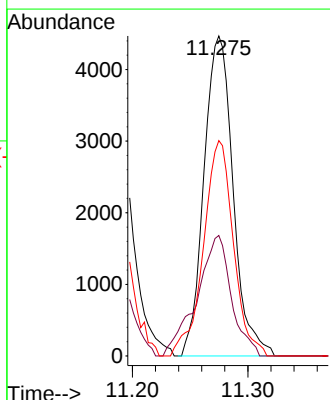
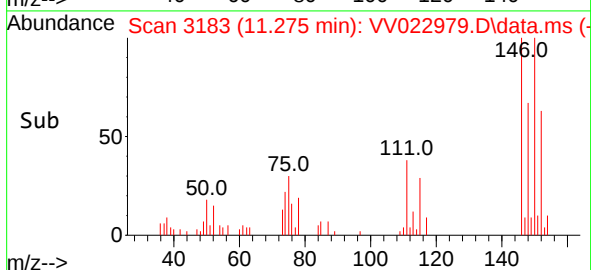
Tgt Ion:146 Resp: 7767
Ion Ratio Lower Upper
146 100
111 39.7 26.7 49.7
148 59.7 42.9 79.7

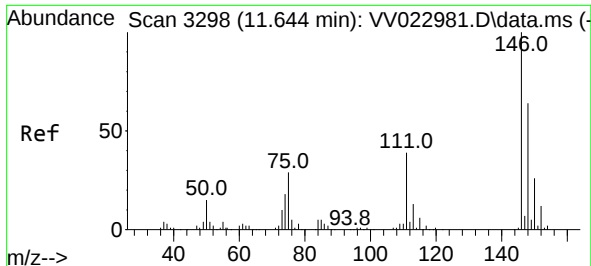


#65
1,4-Dichlorobenzene
Concen: 0.473 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04



Tgt Ion:146 Resp: 7825
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 67.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 0.472 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

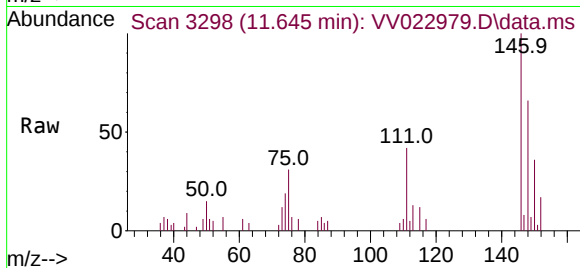
Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :



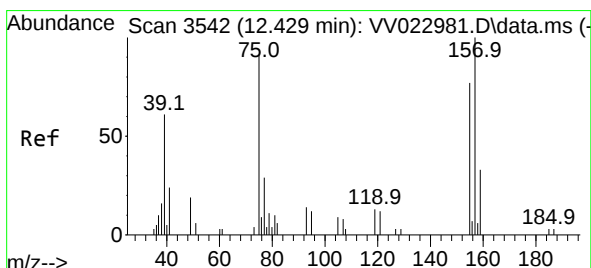
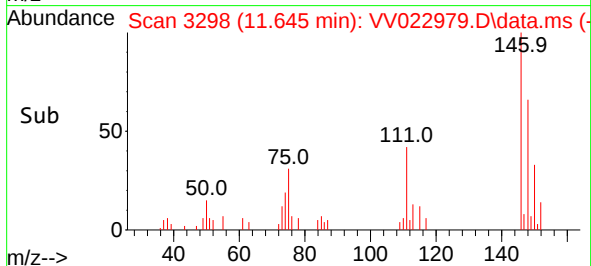
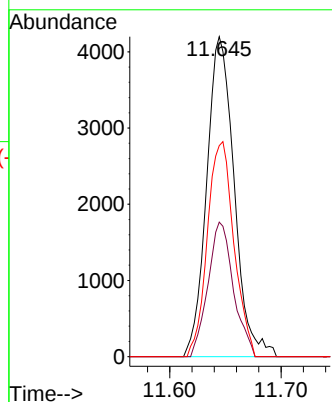
Tgt Ion:146 Resp: 7211

Ion Ratio Lower Upper

146 100

111 42.0 31.6 47.4

148 65.9 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.520 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

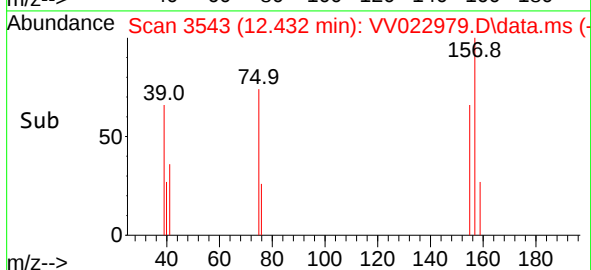
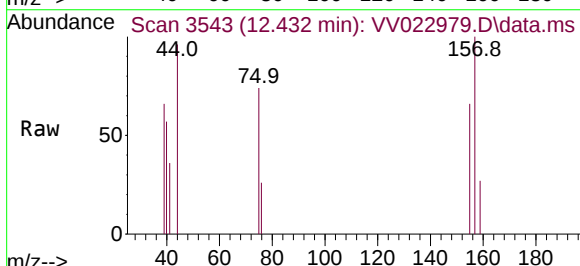
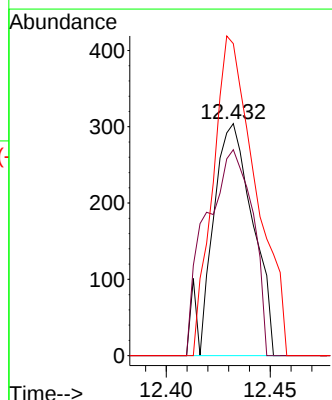
Tgt Ion: 75 Resp: 412

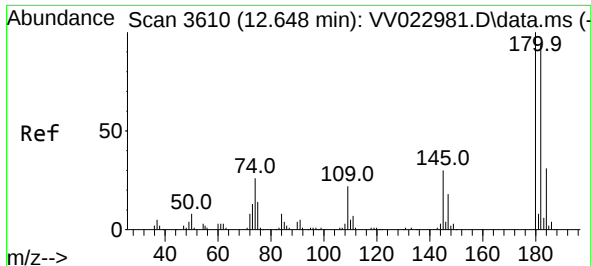
Ion Ratio Lower Upper

75 100

155 88.8 67.7 101.5

157 134.5 87.9 131.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.471 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.000 min

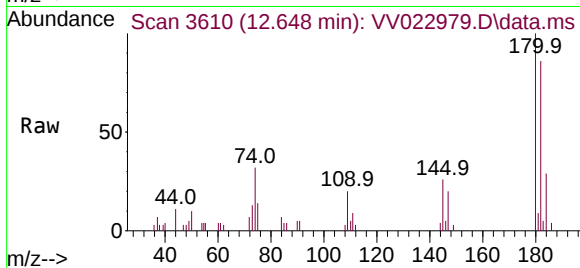
Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5800

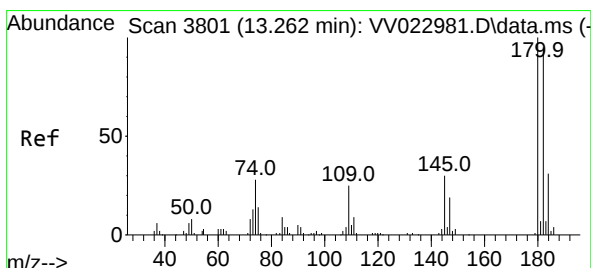
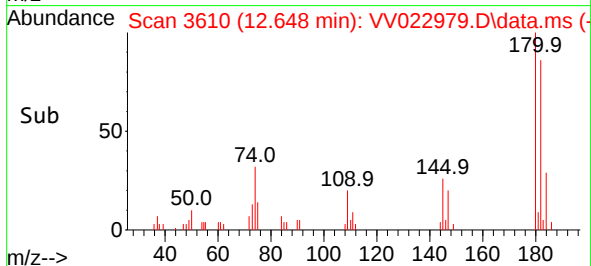
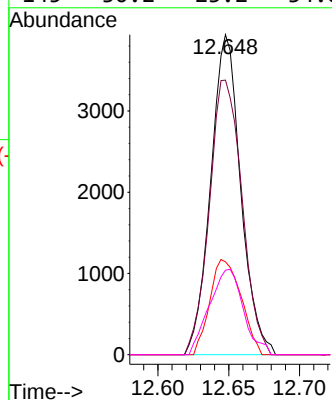
Ion Ratio Lower Upper

180 100

182 93.3 74.9 112.3

184 31.0 23.8 35.8

145 30.2 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 0.447 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV022979.D

Acq: 22 Oct 2021 10:04

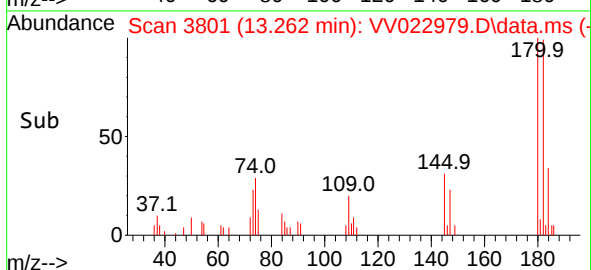
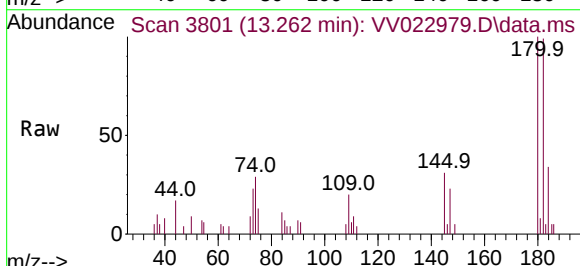
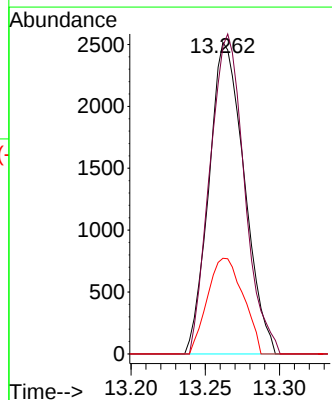
Tgt Ion:180 Resp: 4161

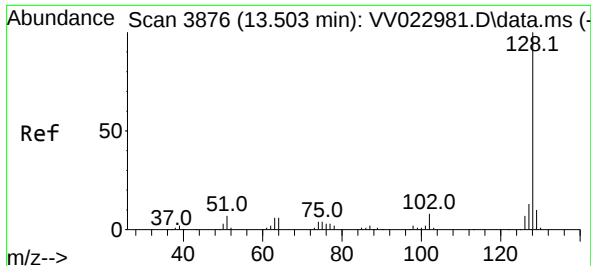
Ion Ratio Lower Upper

180 100

182 100.2 76.9 115.3

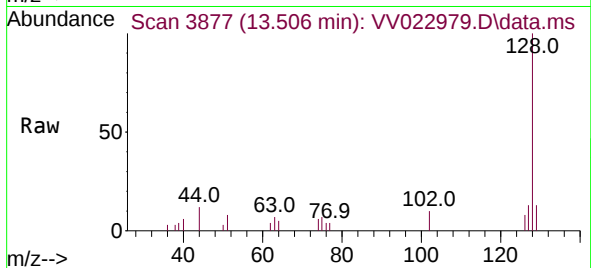
145 31.1 24.4 36.6



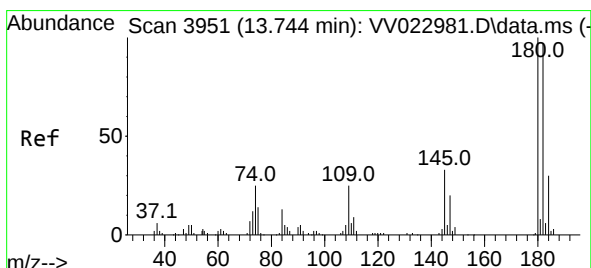
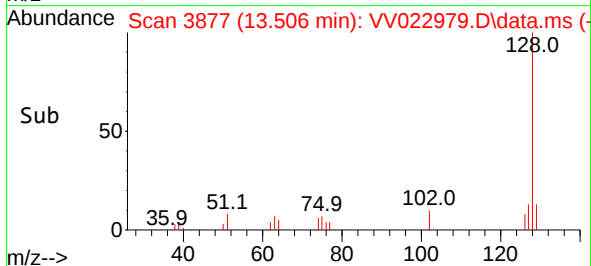
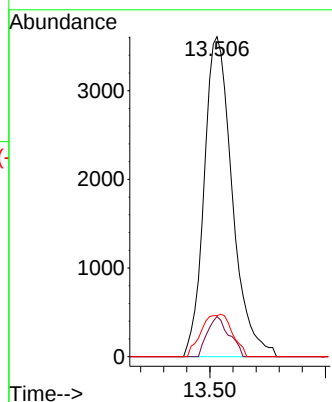


#71
Naphthalene
Concen: 0.412 ug/L
RT: 13.506 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 6094
Ion Ratio Lower Upper
128 100
129 9.6 8.6 13.0
127 14.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.424 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022979.D
Acq: 22 Oct 2021 10:04

Tgt Ion:180 Resp: 3722
Ion Ratio Lower Upper
180 100
182 98.7 76.7 115.1
145 34.8 25.7 38.5

