

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029265.D
 Acq On : 22 Nov 2022 16:16
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	288536	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	256873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	127729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144375	5.246	ug/L	0.00
7) Chloroethane-d5	1.564	69	114645	5.321	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	254114	5.420	ug/L	0.00
20) 2-Butanone-d5	3.912	46	219607	54.054	ug/L	0.00
24) Chloroform-d	4.339	84	207357	5.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	99862	5.409	ug/L	0.00
32) Benzene-d6	5.043	84	446167	5.327	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	141505	5.348	ug/L	0.00
41) Toluene-d8	7.310	98	406166	5.383	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	46502	5.278	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	81395	52.870	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68910	5.238	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	126562	5.136	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	123339	5.118	ug/L	100
3) Chloromethane	1.236	50	160354	4.841	ug/L	100
5) Vinyl chloride	1.307	62	162373	5.109	ug/L	100
6) Bromomethane	1.519	94	85693	4.877	ug/L	100
8) Chloroethane	1.581	64	98132	5.153	ug/L	100
9) Trichlorofluoromethane	1.751	101	181044	4.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	110847	5.153	ug/L	100
12) 1,1-Dichloroethene	2.114	96	109274	5.132	ug/L	100
13) Acetone	2.201	43	178516	52.967	ug/L	100
14) Carbon disulfide	2.288	76	304018	5.056	ug/L	100
15) Methyl Acetate	2.439	43	43647	4.994	ug/L	100
16) Methylene chloride	2.500	84	157289	4.693	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	239509	5.121	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	106648	4.930	ug/L	100
19) 1,1-Dichloroethane	3.182	63	220639	5.060	ug/L	100
21) 2-Butanone	3.995	43	271673	50.921	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	117992	4.998	ug/L	100
23) Bromochloromethane	4.240	128	45106	5.113	ug/L	100
25) Chloroform	4.368	83	213735	5.153	ug/L	100
27) 1,2-Dichloroethane	5.124	62	116241	5.115	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	173141	5.093	ug/L	100
30) Cyclohexane	4.670	56	208236	5.065	ug/L	100
31) Carbon tetrachloride	4.822	117	138223	5.096	ug/L	100
33) Benzene	5.092	78	478052	5.111	ug/L	100
34) Trichloroethene	5.908	95	125951	5.117	ug/L	100
35) Methylcyclohexane	6.124	83	201872	5.074	ug/L	100
37) 1,2-Dichloropropane	6.166	63	125566	5.177	ug/L	100
38) Bromodichloromethane	6.503	83	140163	5.165	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	162363	5.171	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	639481	52.223	ug/L	100
42) Toluene	7.381	91	495176	5.149	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	125627	5.194	ug/L	100

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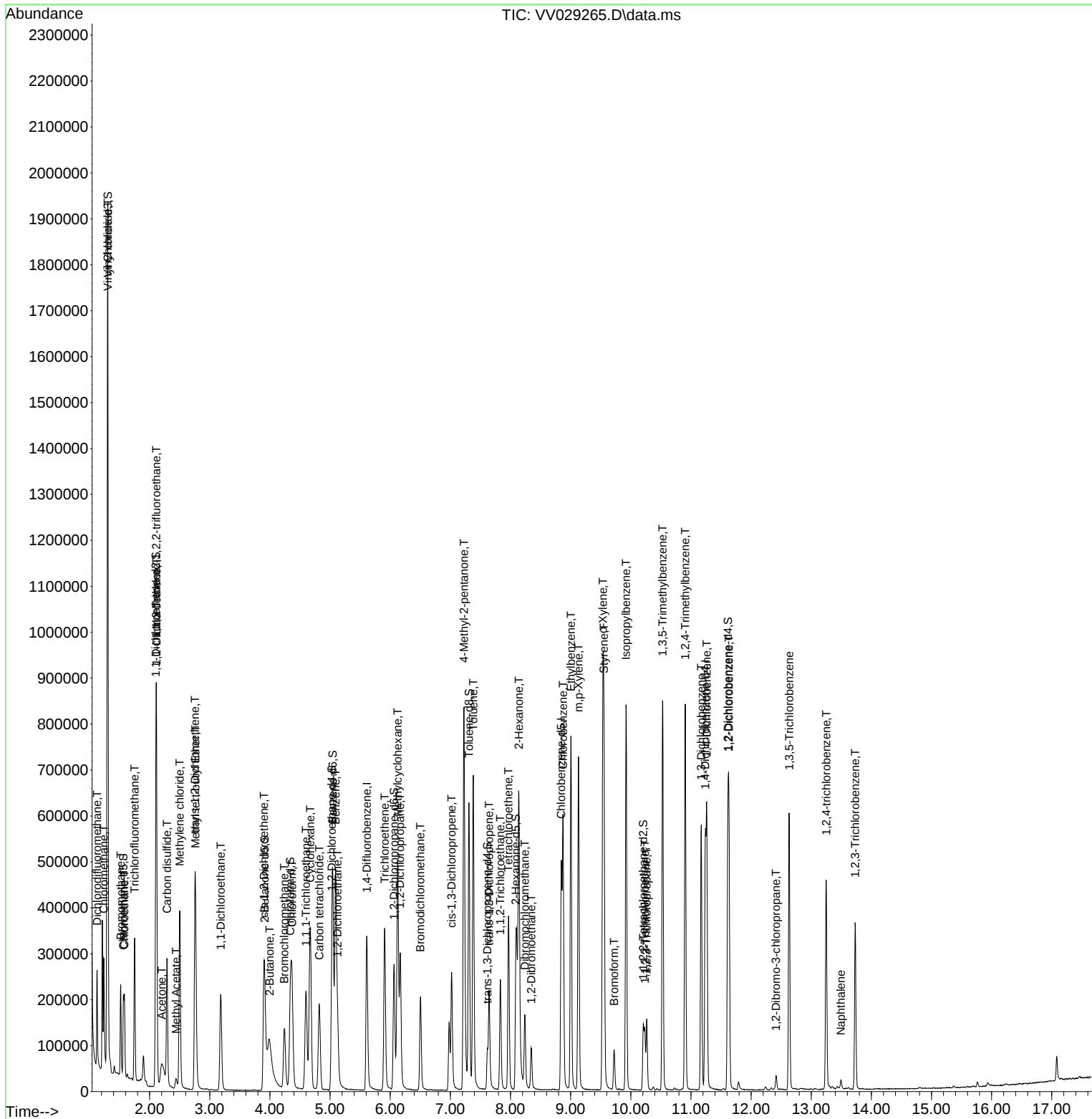
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
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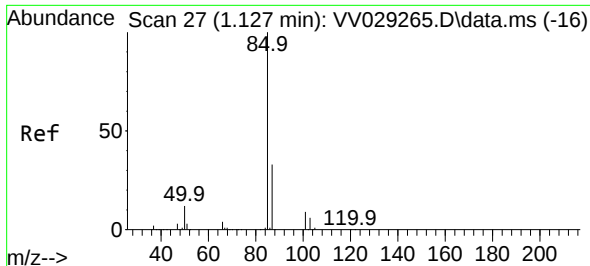
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	74585	5.182	ug/L	100
47) Tetrachloroethene	7.966	164	81931	5.069	ug/L	100
48) 2-Hexanone	8.140	43	492702	52.321	ug/L	100
49) Dibromochloromethane	8.239	129	77163	5.130	ug/L	100
50) 1,2-Dibromoethane	8.345	107	63007	5.174	ug/L	100
51) Chlorobenzene	8.873	112	295779	5.062	ug/L	100
52) Ethylbenzene	9.005	91	539523	5.213	ug/L	100
53) m,p-Xylene	9.130	106	198172	5.158	ug/L	100
54) o-Xylene	9.535	106	193829	5.155	ug/L	100
55) Styrene	9.554	104	334733	5.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	64816	5.040	ug/L	100
59) Bromoform	9.722	173	37927	5.062	ug/L	100
60) Isopropylbenzene	9.921	105	527506	5.121	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	61239	5.011	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	437651	5.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	440605	5.064	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	222024	4.925	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	215194	4.873	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	203629	4.986	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	7616	4.150	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	169991	4.842	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	129093	4.738	ug/L	100
71) Naphthalene	13.493	128	14828	1.540	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	102073	4.653	ug/L	100

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

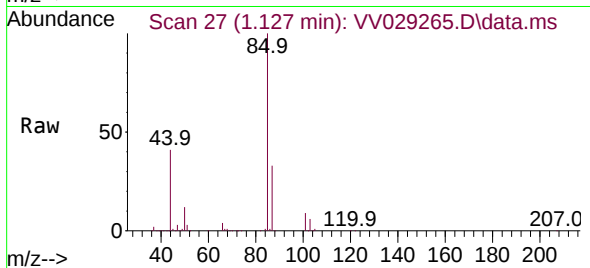
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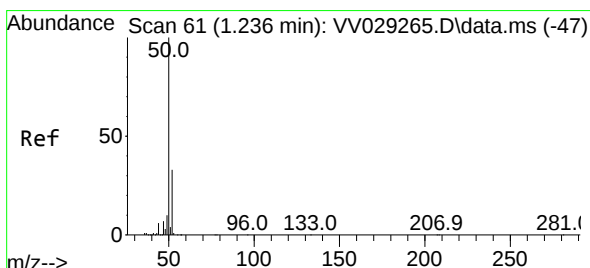
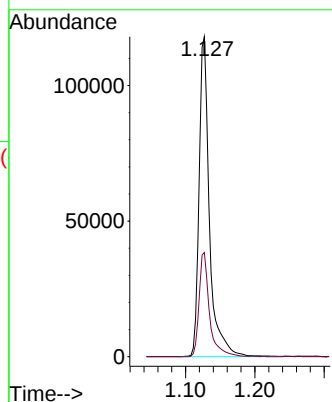
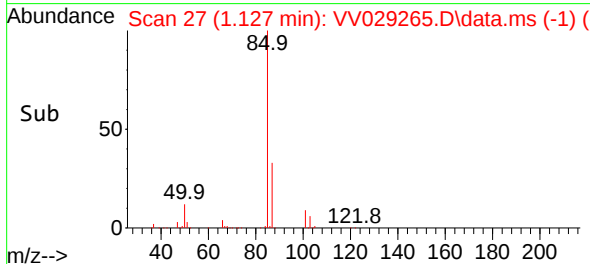


#2
 Dichlorodifluoromethane
 Concen: 5.118 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

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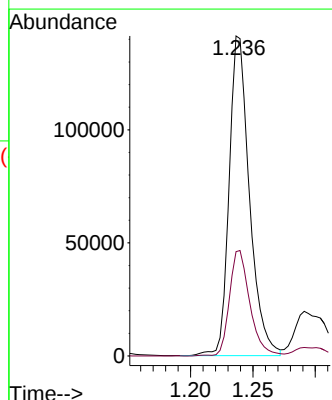
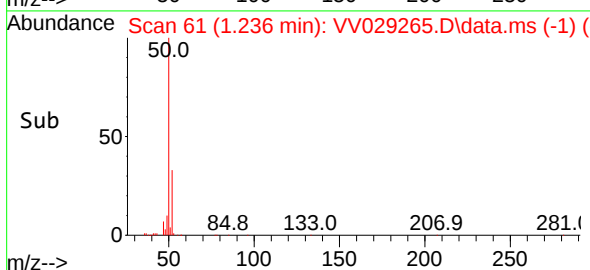
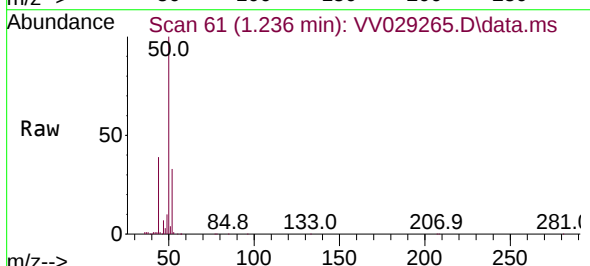


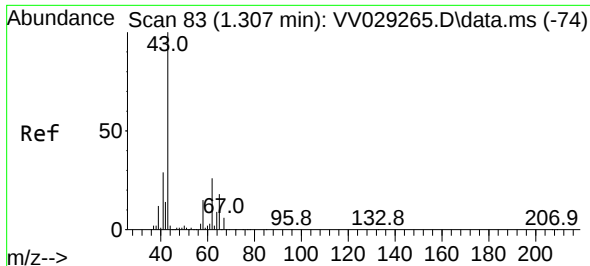
Tgt Ion: 85 Resp: 123339
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 4.841 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

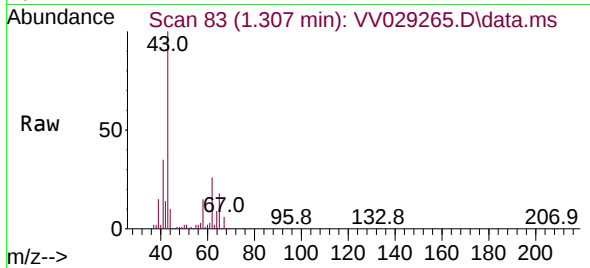
Tgt Ion: 50 Resp: 160354
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4



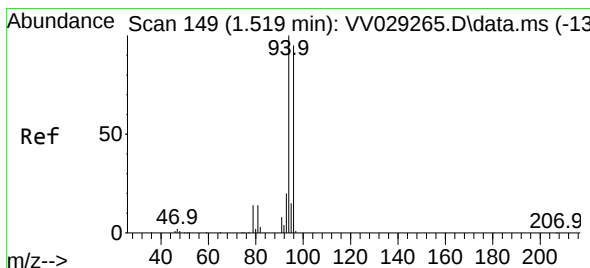
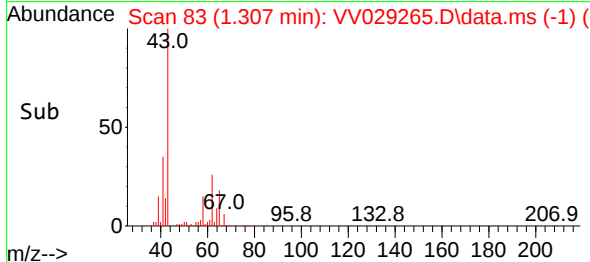
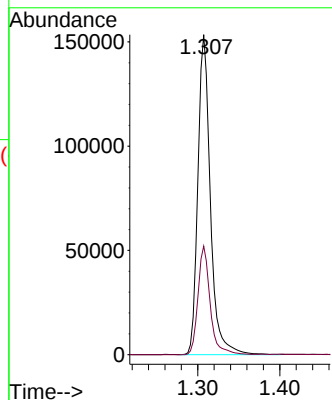


#5
 Vinyl chloride
 Concen: 5.109 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Instrument :
 MSVOA_V
 ClientSampleId :

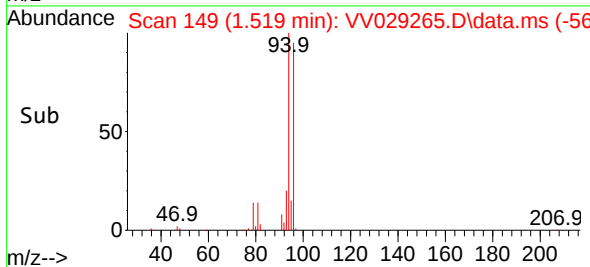
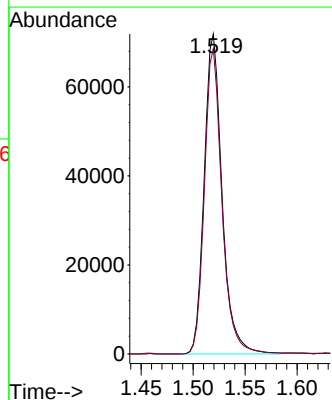
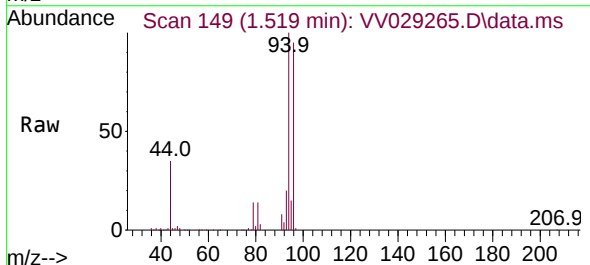


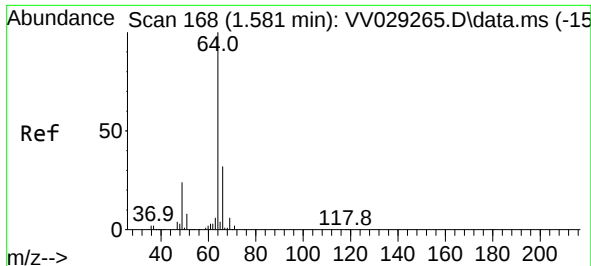
Tgt Ion: 62 Resp: 162373
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 4.877 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion: 94 Resp: 85693
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.8 124.2

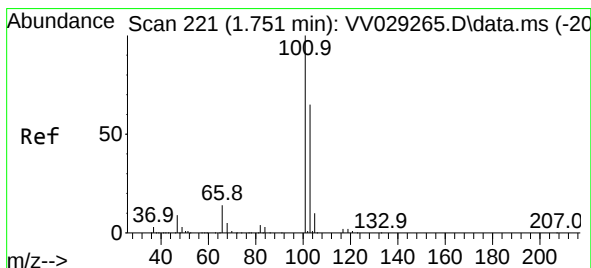
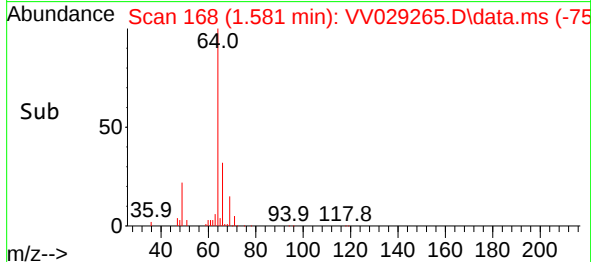
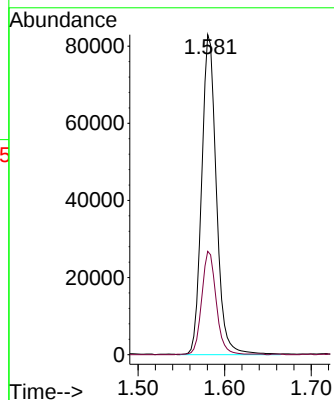
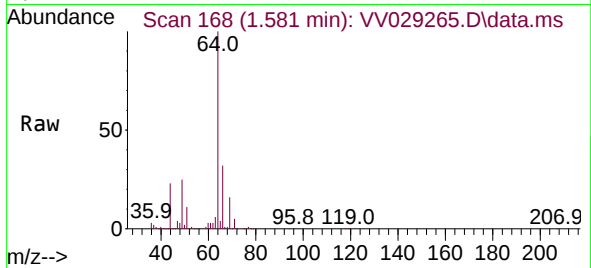




#8
Chloroethane
Concen: 5.153 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

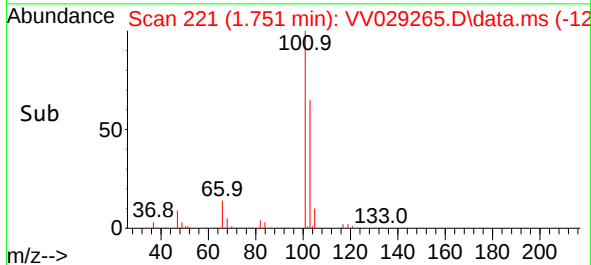
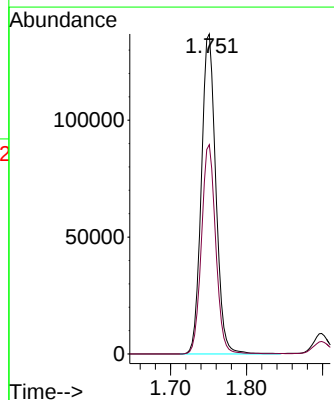
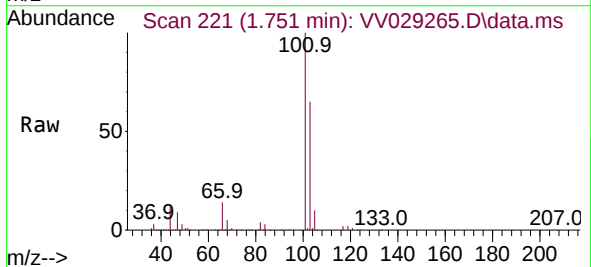
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ClientSampleId :

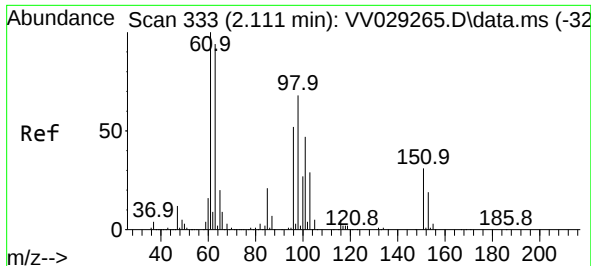
Tgt Ion: 64 Resp: 98132
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.987 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion:101 Resp: 181044
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

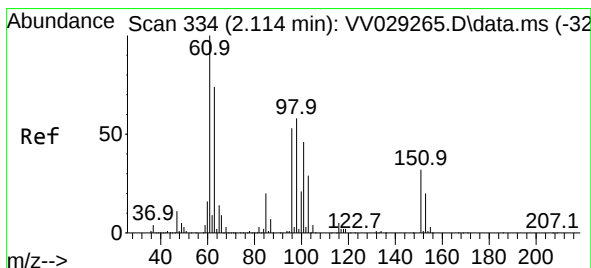
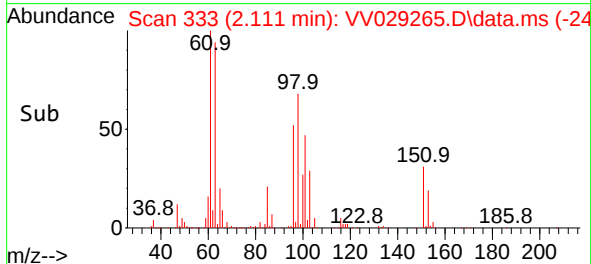
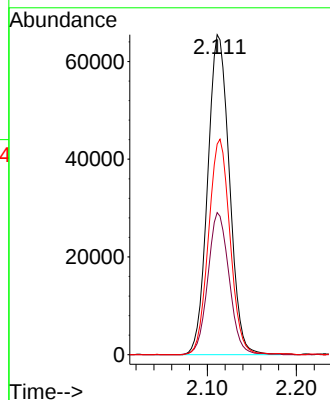
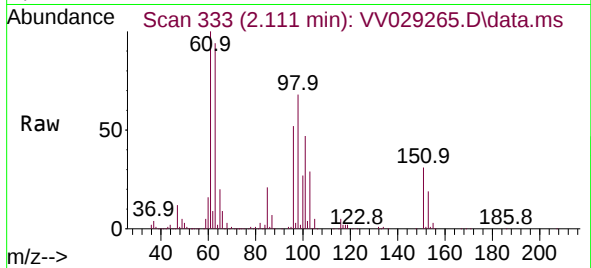




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.153 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

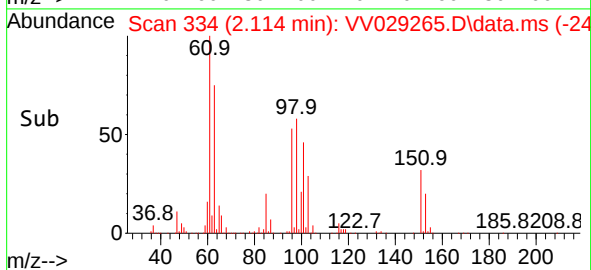
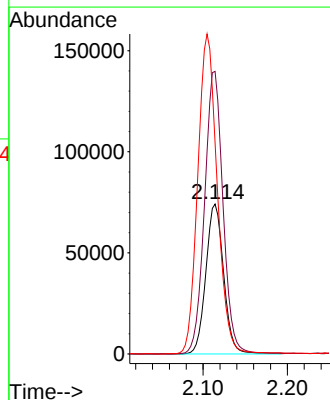
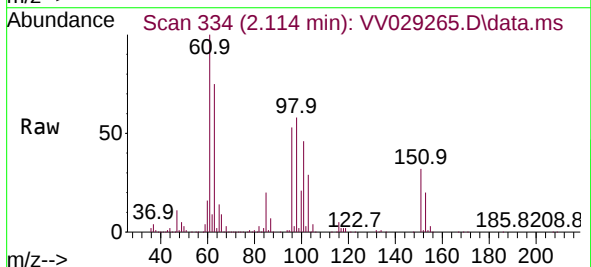
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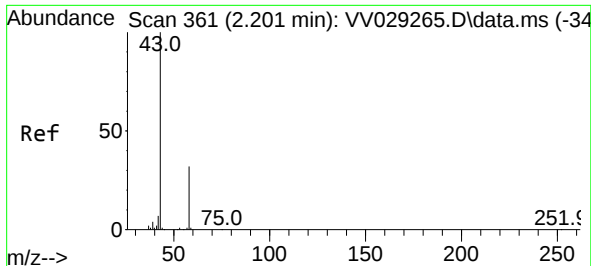
Tgt Ion:101 Resp: 110847
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 66.8 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 5.132 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion: 96 Resp: 109274
 Ion Ratio Lower Upper
 96 100
 61 188.5 131.9 245.0
 63 140.8 98.6 183.0

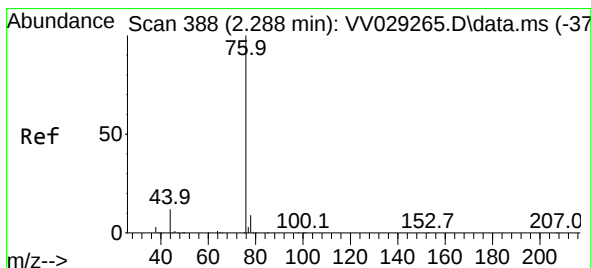
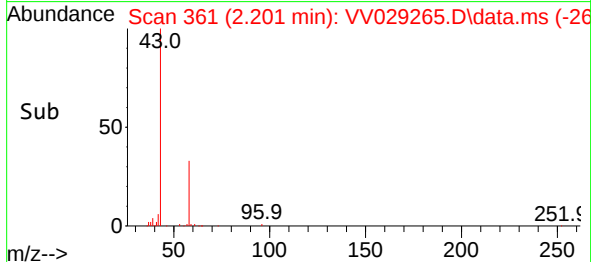
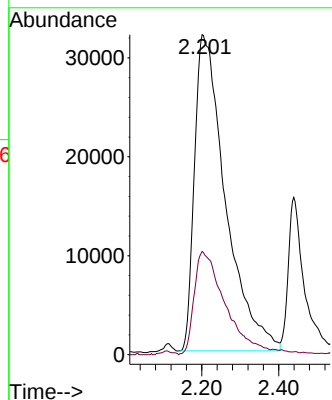
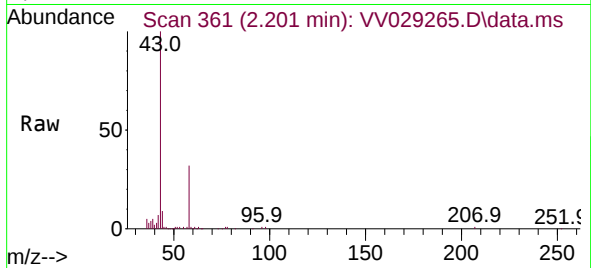




#13
Acetone
Concen: 52.967 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.000 min
Lab File: VV029265.D
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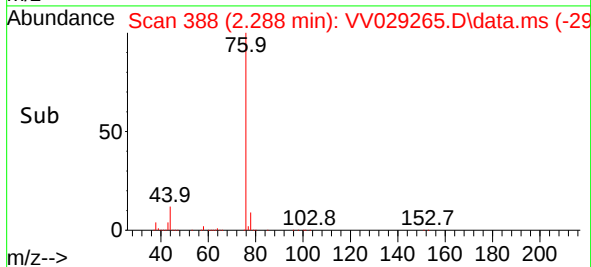
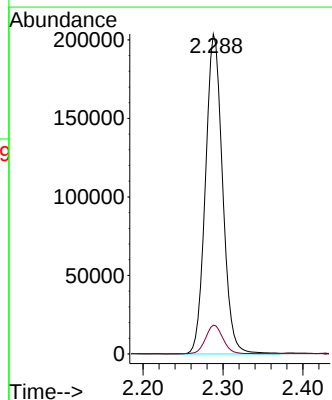
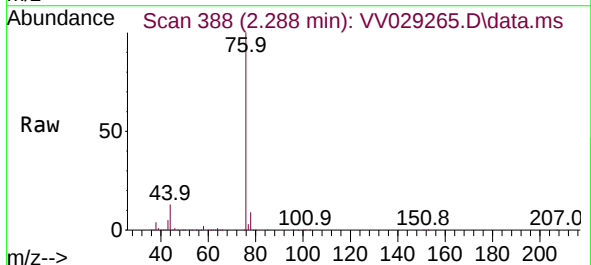
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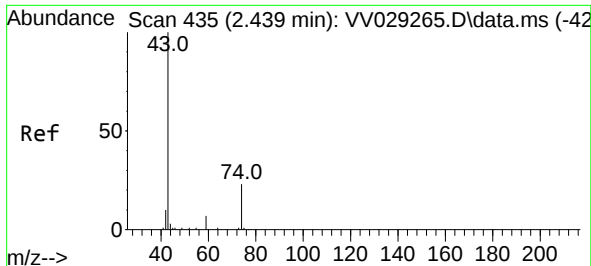
Tgt Ion: 43 Resp: 178516
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.2



#14
Carbon disulfide
Concen: 5.056 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion: 76 Resp: 304018
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

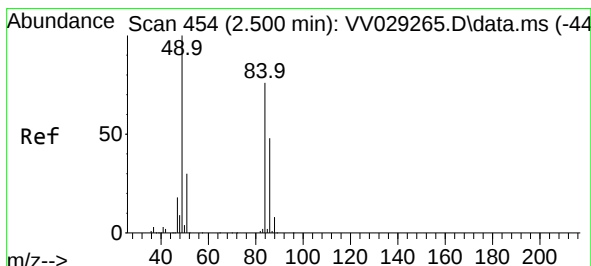
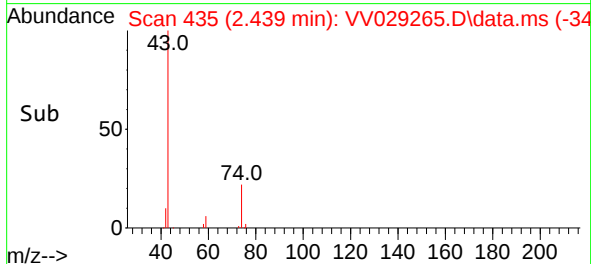
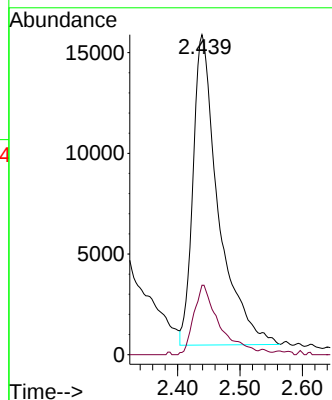
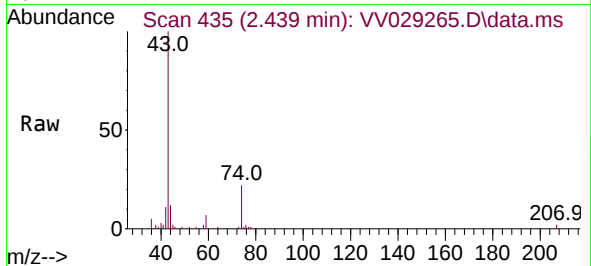




#15
Methyl Acetate
Concen: 4.994 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

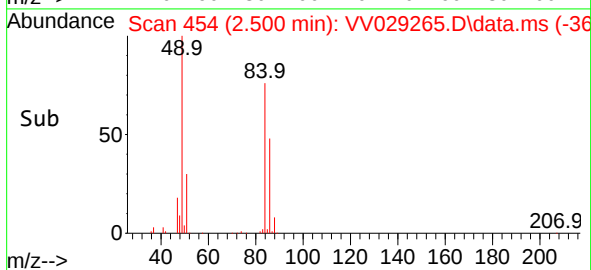
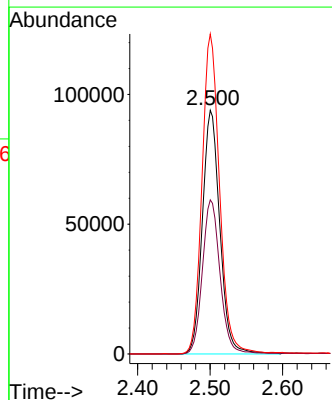
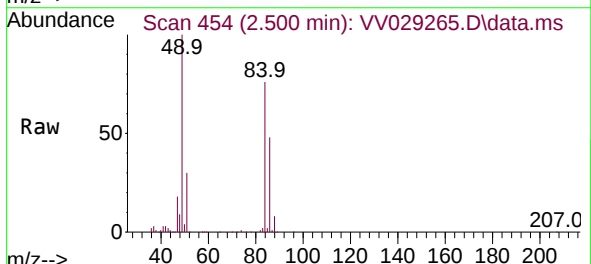
Instrument :
MSVOA_V
ClientSampleId :

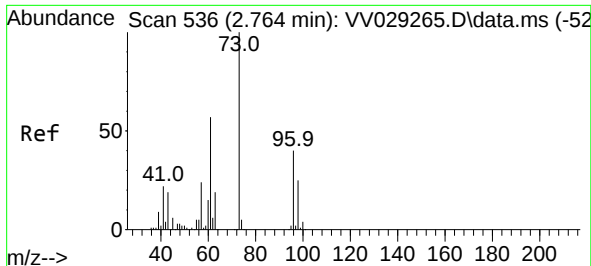
Tgt Ion: 43 Resp: 43647
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#16
Methylene chloride
Concen: 4.693 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion: 84 Resp: 157289
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 131.3 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 5.121 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

ClientSampleId :

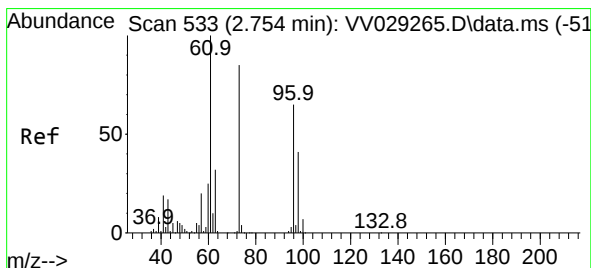
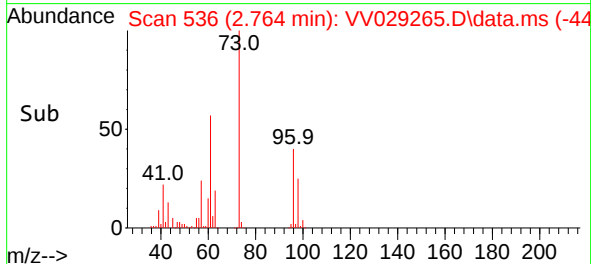
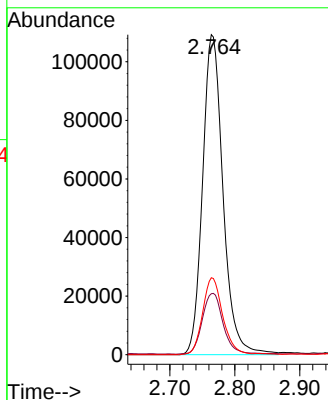
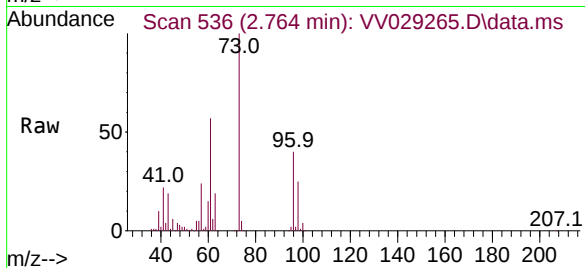
Tgt Ion: 73 Resp: 239509

Ion Ratio Lower Upper

73 100

43 19.3 15.4 23.2

57 23.6 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.930 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

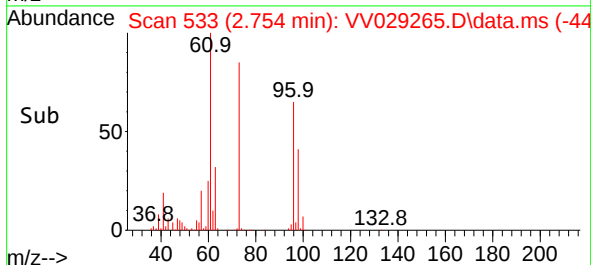
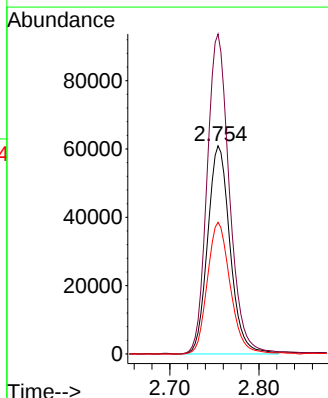
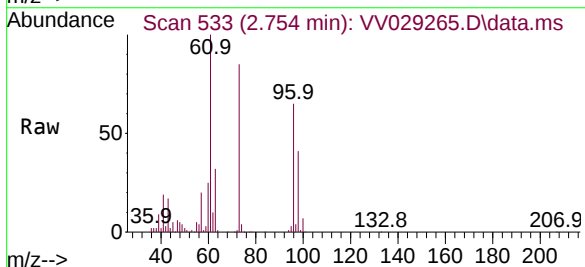
Tgt Ion: 96 Resp: 106648

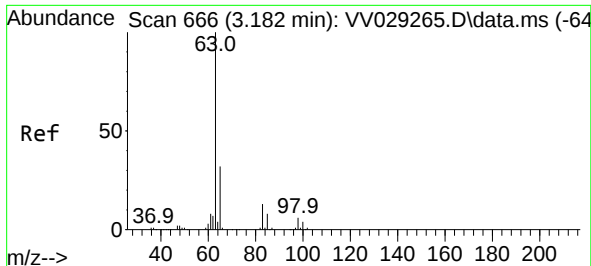
Ion Ratio Lower Upper

96 100

61 153.7 107.6 199.8

98 63.3 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.060 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

ClientSampleId :

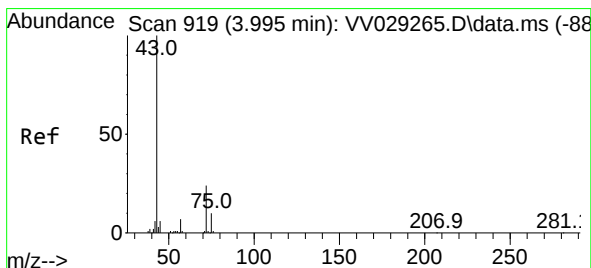
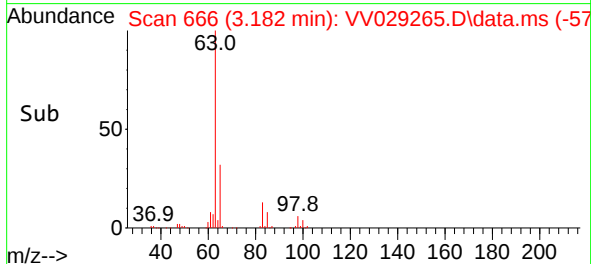
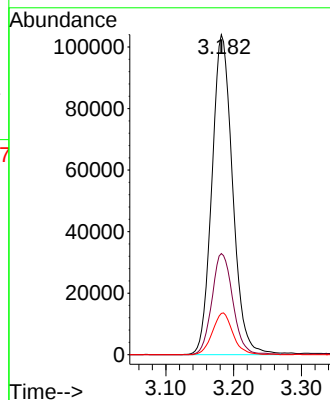
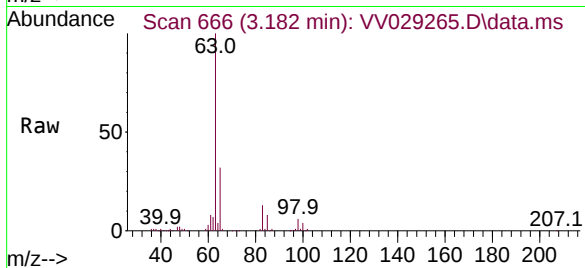
Tgt Ion: 63 Resp: 220639

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 12.9 9.0 16.8



#21

2-Butanone

Concen: 50.921 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.000 min

Lab File: VV029265.D

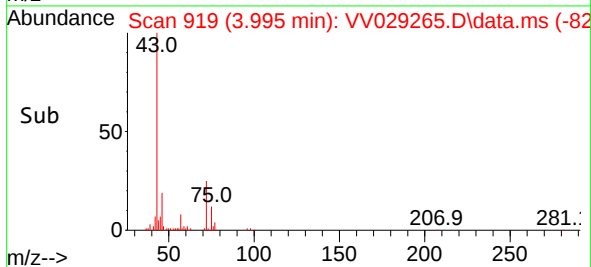
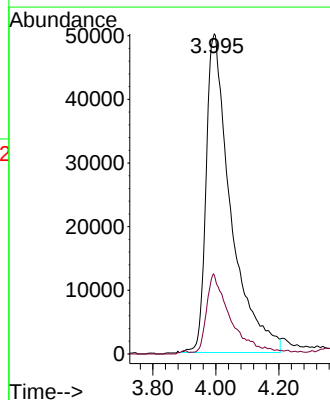
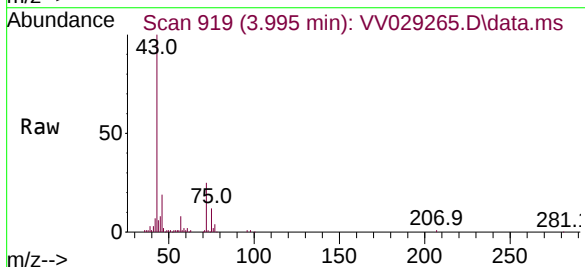
Acq: 22 Nov 2022 16:16

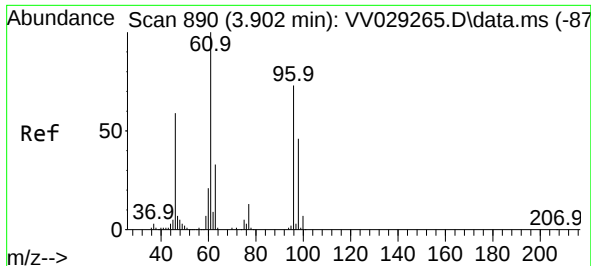
Tgt Ion: 43 Resp: 271673

Ion Ratio Lower Upper

43 100

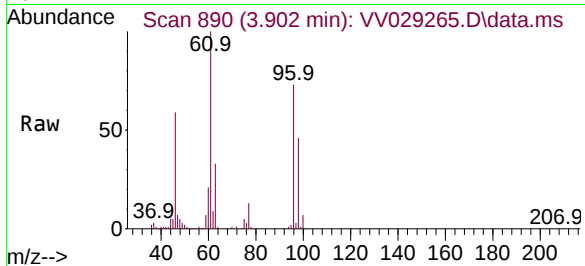
72 22.5 11.3 33.8



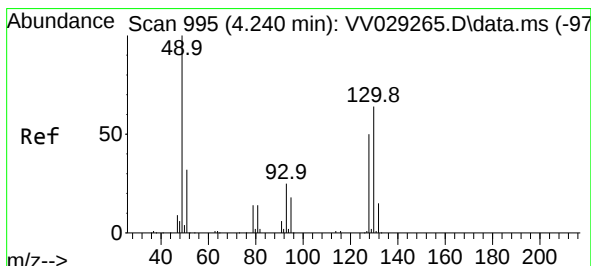
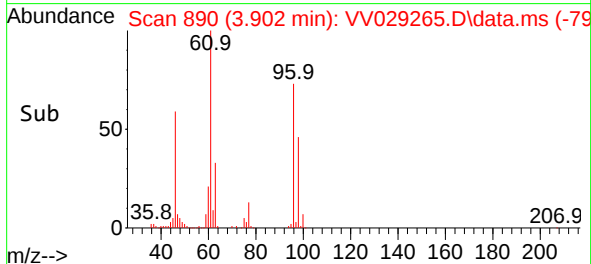
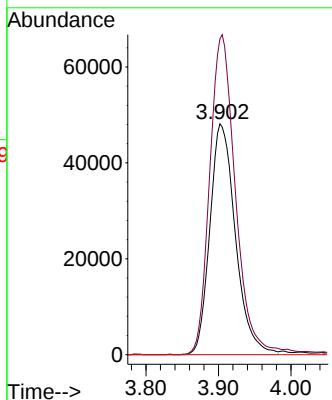


#22
 cis-1,2-Dichloroethene
 Concen: 4.998 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Instrument :
 MSVOA_V
 ClientSampleId :

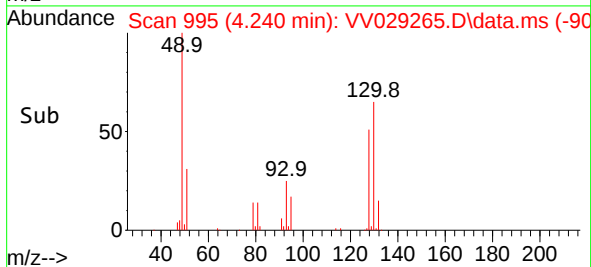
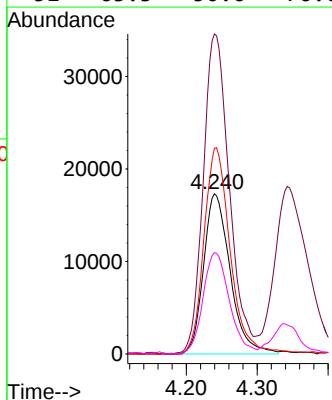
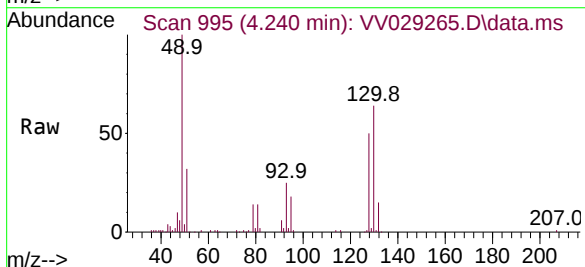


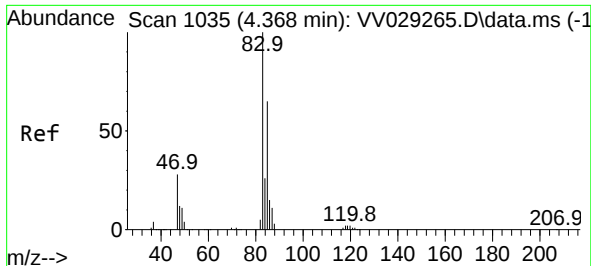
Tgt Ion: 96 Resp: 117992
 Ion Ratio Lower Upper
 96 100
 61 136.9 95.8 178.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.113 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion: 128 Resp: 45106
 Ion Ratio Lower Upper
 128 100
 49 199.9 139.9 259.9
 130 128.4 89.9 166.9
 51 63.3 50.6 76.0





#25

Chloroform

Concen: 5.153 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

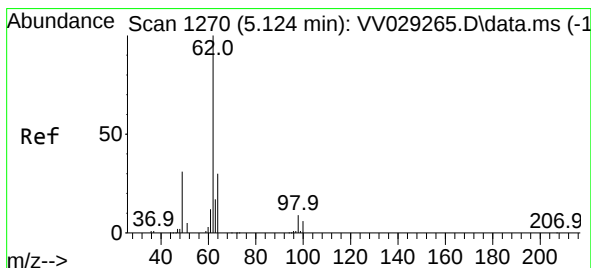
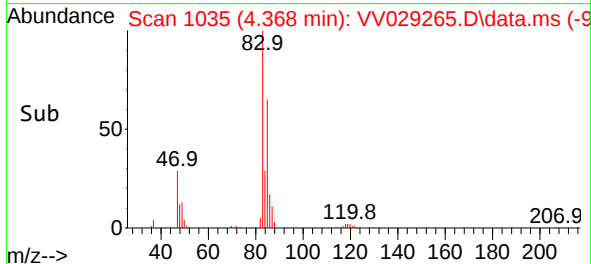
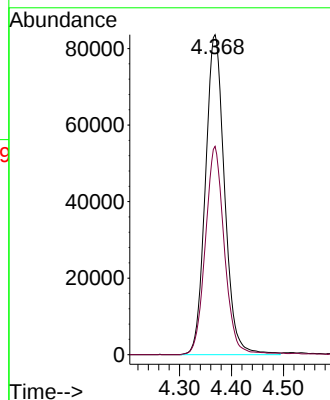
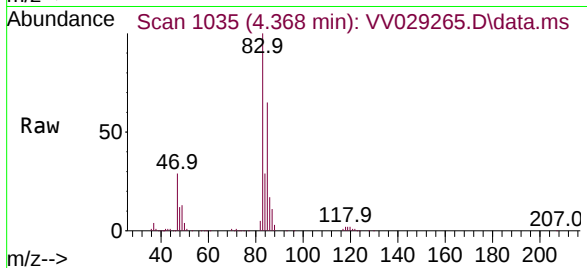
ClientSampleId :

Tgt Ion: 83 Resp: 213735

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.115 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV029265.D

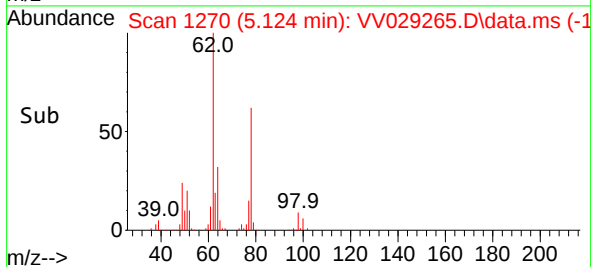
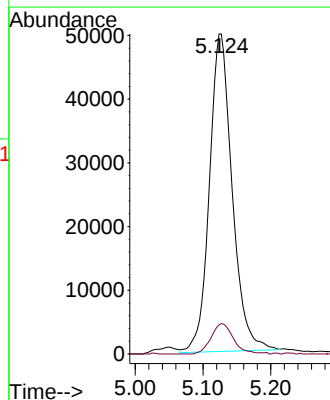
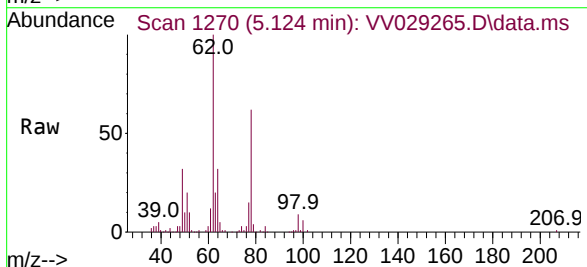
Acq: 22 Nov 2022 16:16

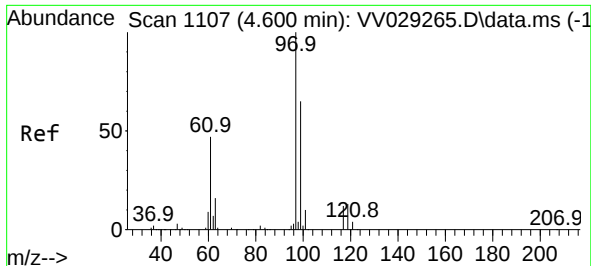
Tgt Ion: 62 Resp: 116241

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.093 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

ClientSampleId :

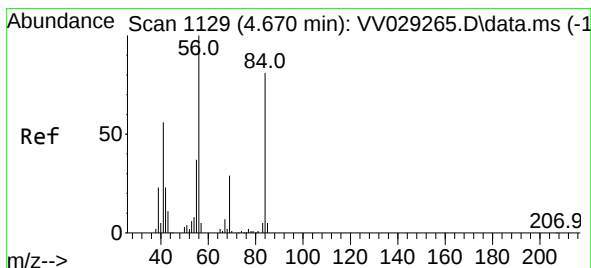
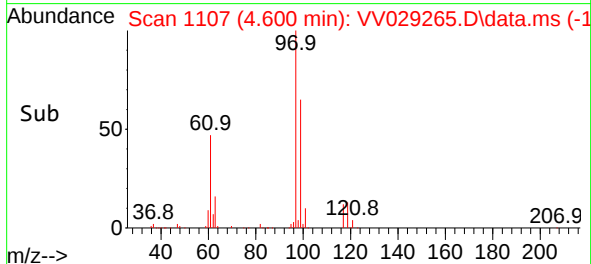
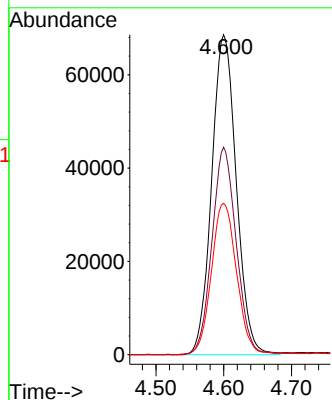
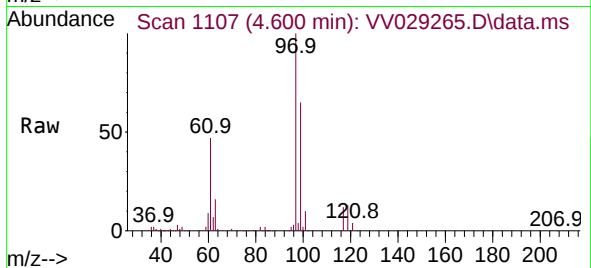
Tgt Ion: 97 Resp: 173141

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 48.7 39.0 58.4



#30

Cyclohexane

Concen: 5.065 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

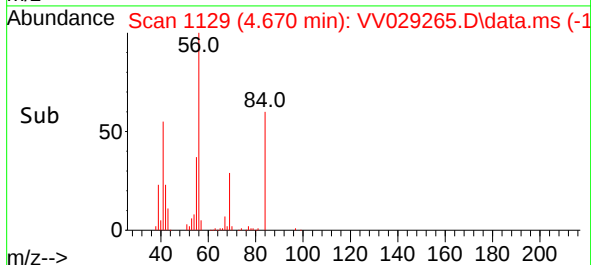
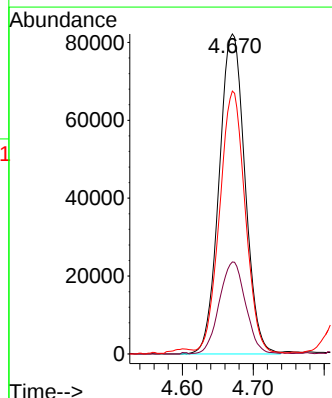
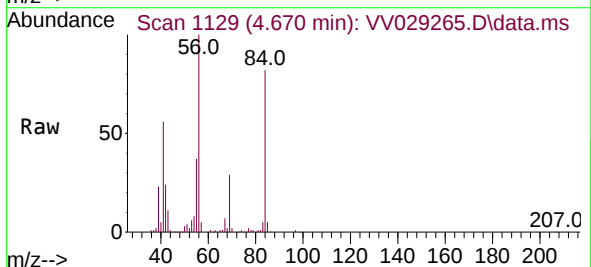
Tgt Ion: 56 Resp: 208236

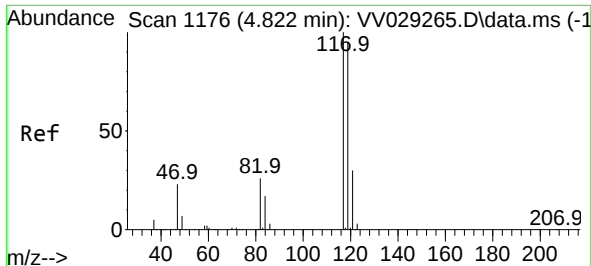
Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.8 64.6 97.0

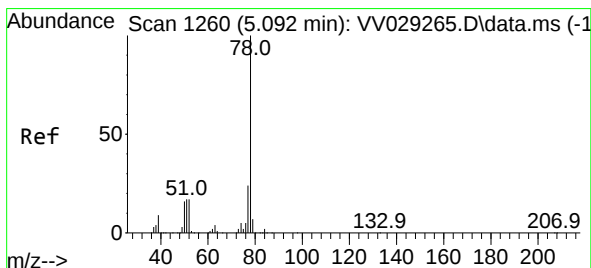
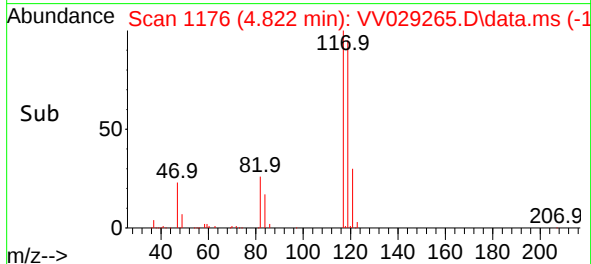
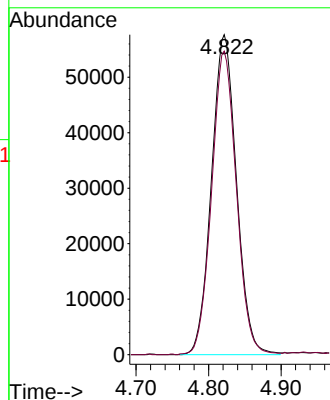
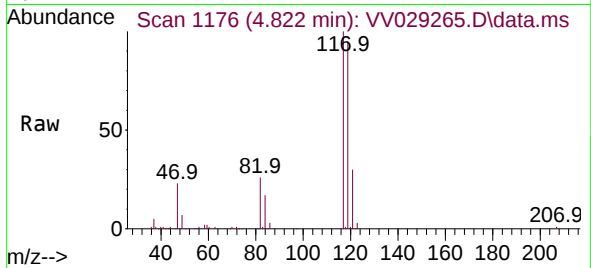




#31
Carbon tetrachloride
Concen: 5.096 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

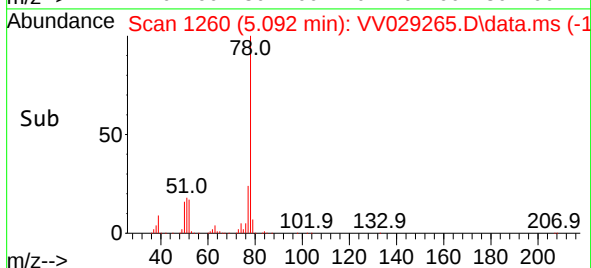
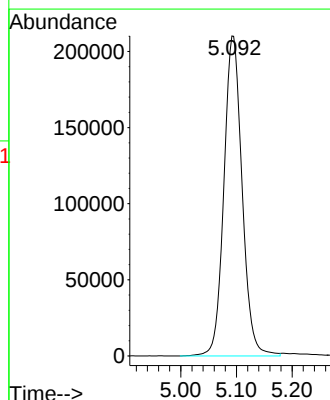
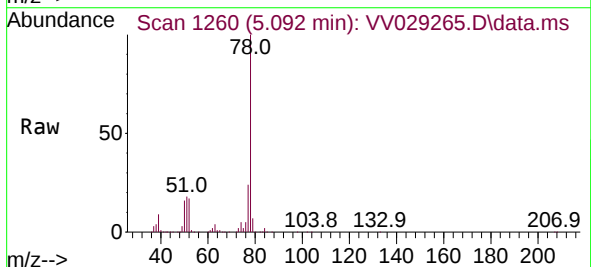
Instrument :
MSVOA_V
ClientSampleId :

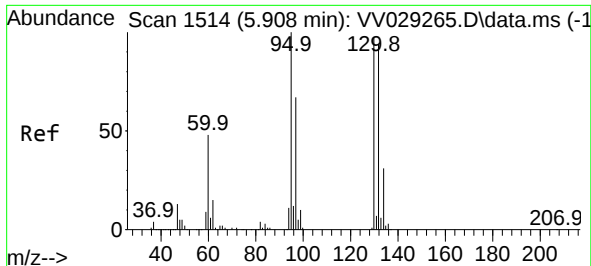
Tgt Ion:117 Resp: 138223
Ion Ratio Lower Upper
117 100
119 93.9 75.1 112.7



#33
Benzene
Concen: 5.111 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

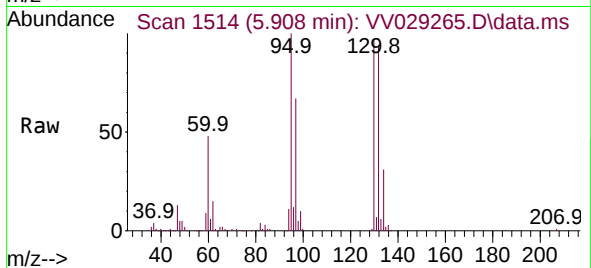
Tgt Ion: 78 Resp: 478052



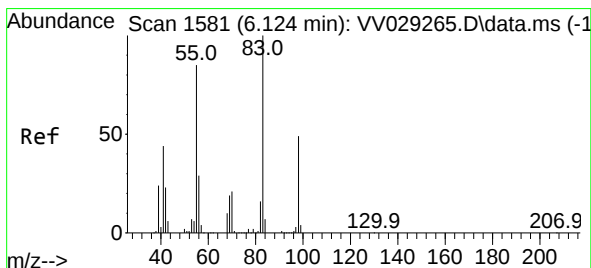
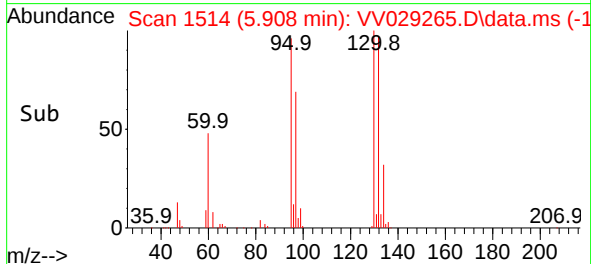
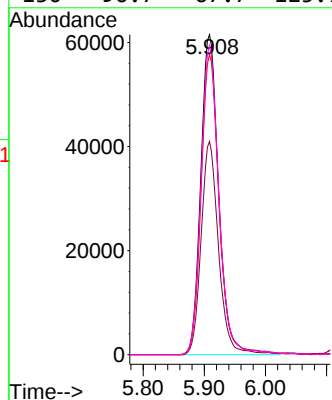


#34
 Trichloroethene
 Concen: 5.117 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Instrument :
 MSVOA_V
 ClientSampleId :

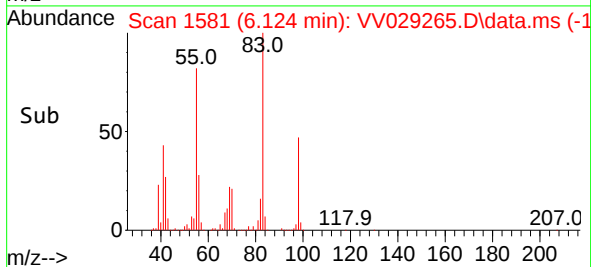
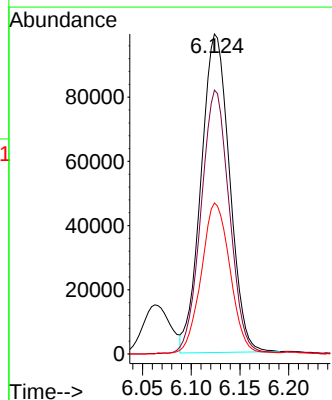
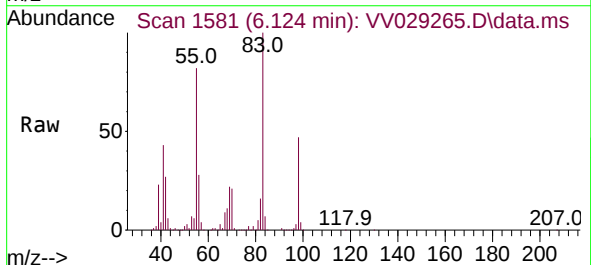


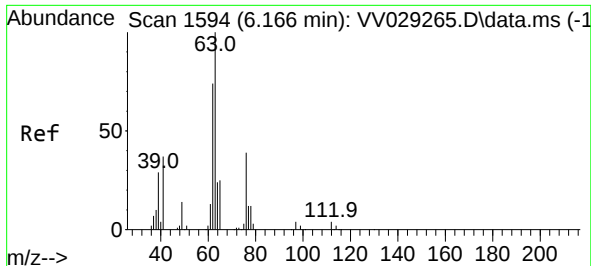
Tgt Ion: 95 Resp: 125951
 Ion Ratio Lower Upper
 95 100
 97 66.7 46.7 86.7
 132 93.9 65.7 122.1
 130 96.7 67.7 125.7



#35
 Methylcyclohexane
 Concen: 5.074 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion: 83 Resp: 201872
 Ion Ratio Lower Upper
 83 100
 55 82.1 65.7 98.5
 98 47.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 5.177 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

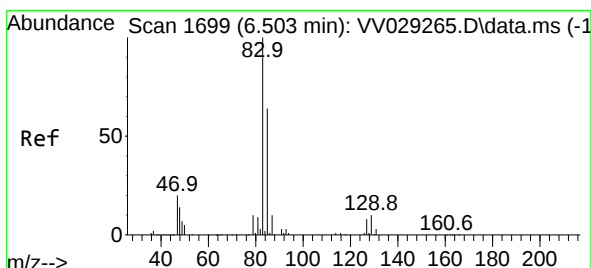
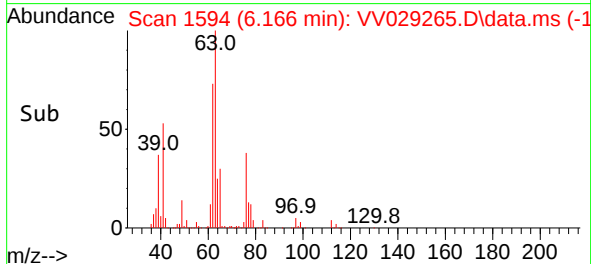
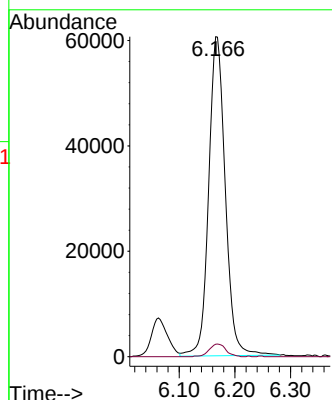
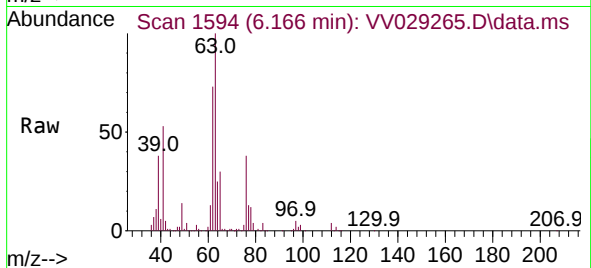
ClientSampleId :

Tgt Ion: 63 Resp: 125566

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.165 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

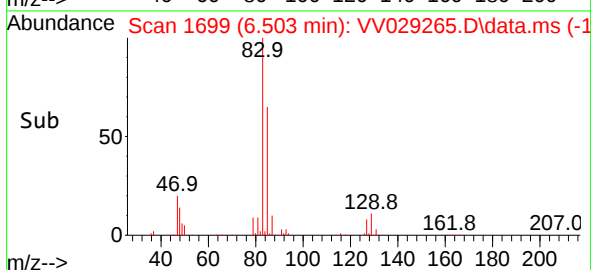
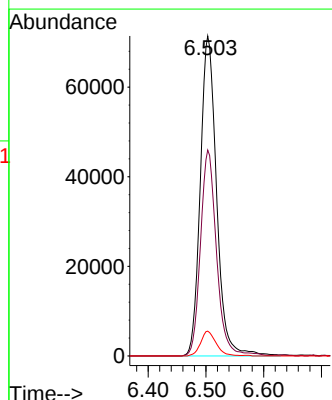
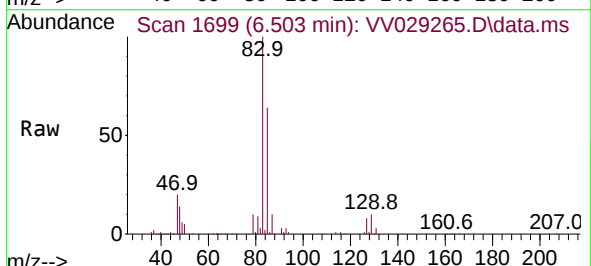
Tgt Ion: 83 Resp: 140163

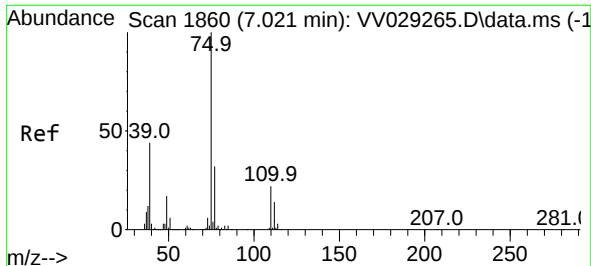
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.171 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

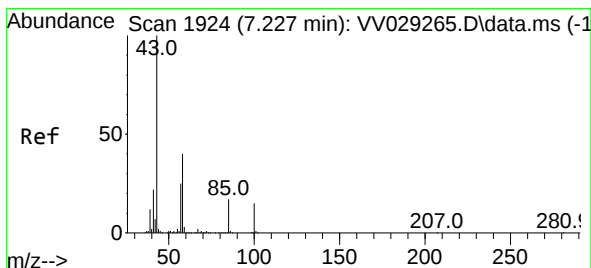
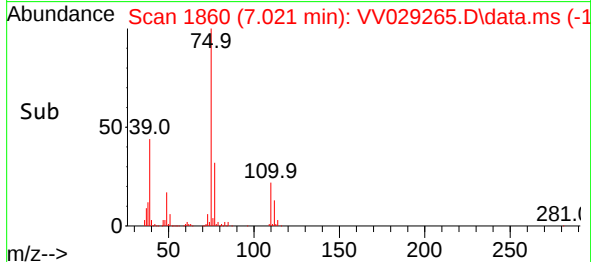
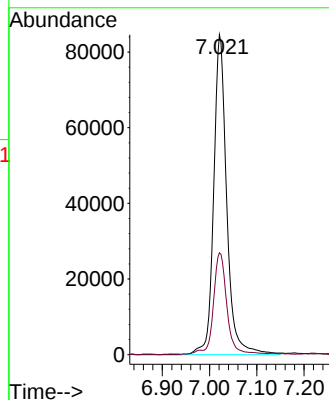
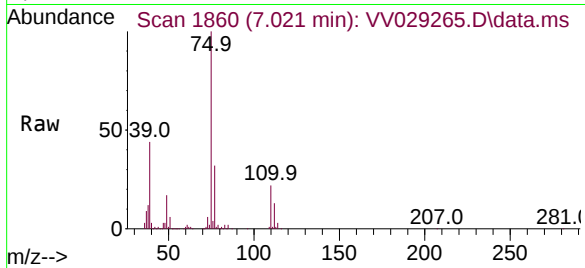
ClientSampleId :

Tgt Ion: 75 Resp: 162363

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.223 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

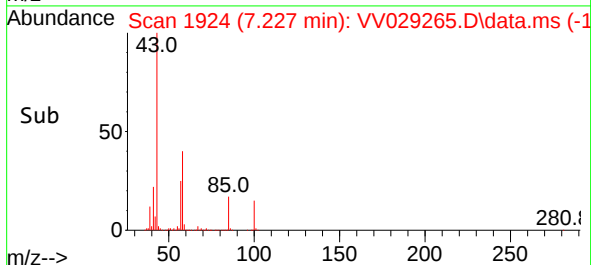
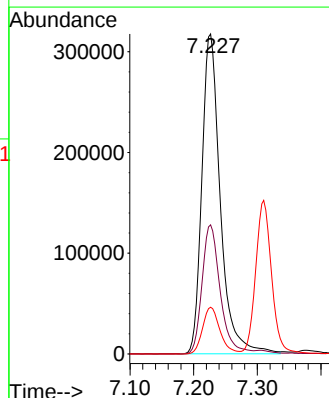
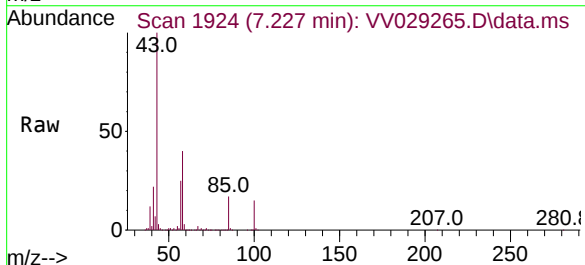
Tgt Ion: 43 Resp: 639481

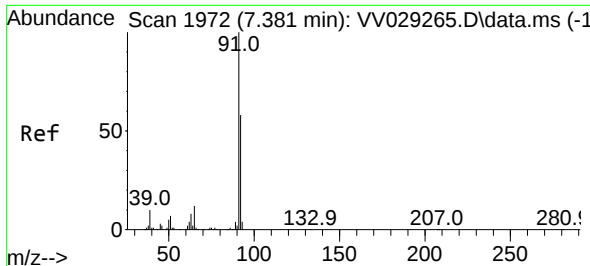
Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8

100 13.8 11.0 16.6





#42

Toluene

Concen: 5.149 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

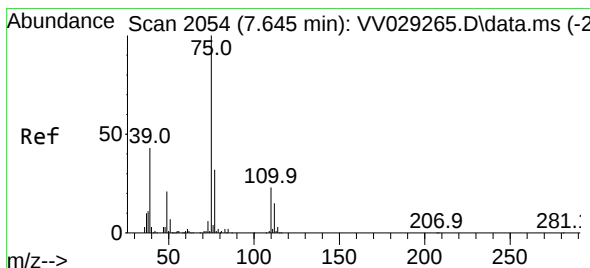
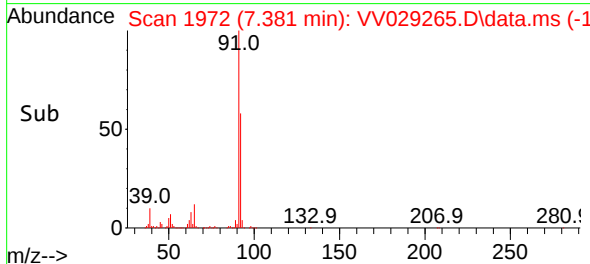
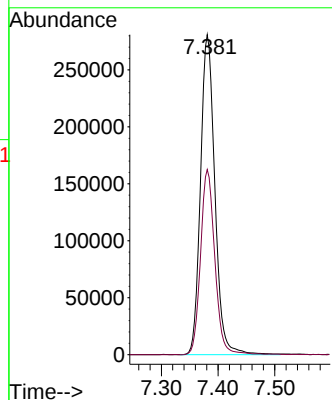
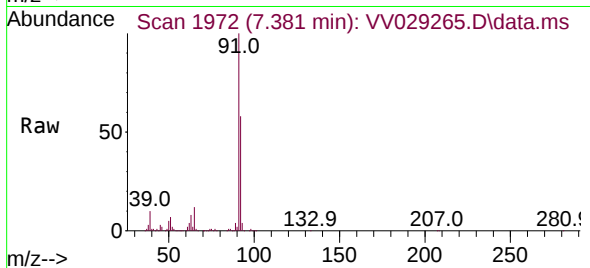
ClientSampleId :

Tgt Ion: 91 Resp: 495176

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.194 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV029265.D

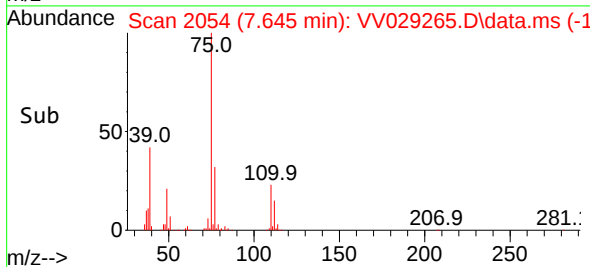
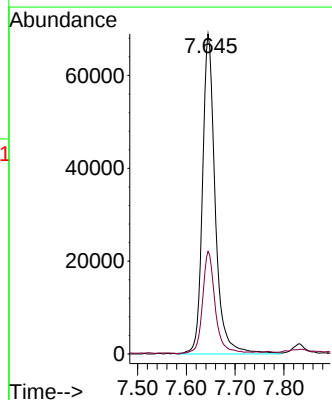
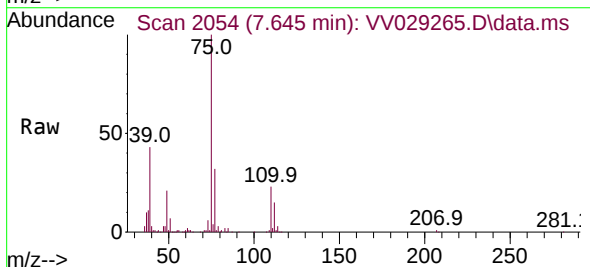
Acq: 22 Nov 2022 16:16

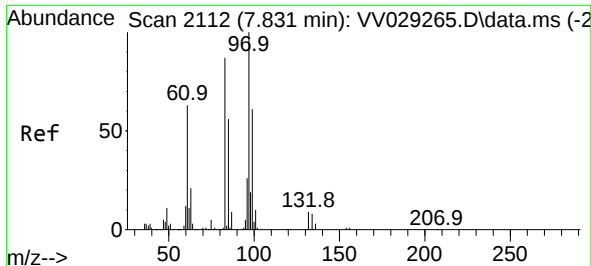
Tgt Ion: 75 Resp: 125627

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

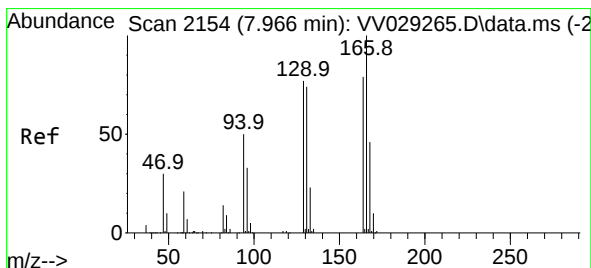
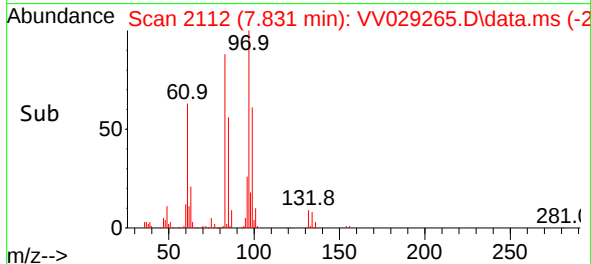
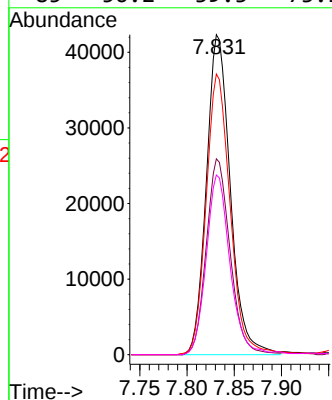
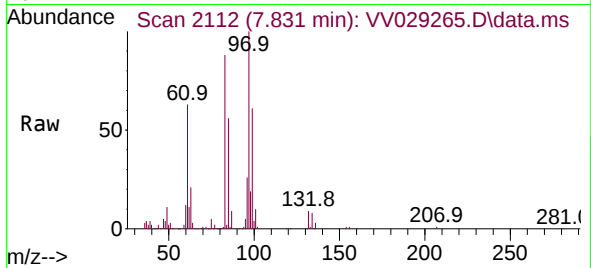




#45
1,1,2-Trichloroethane
Concen: 5.182 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

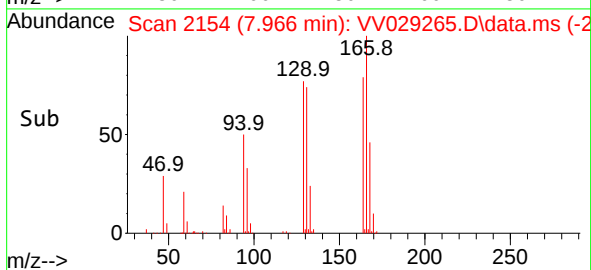
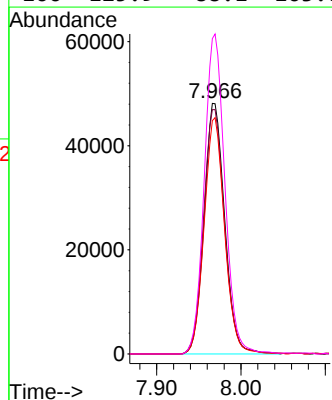
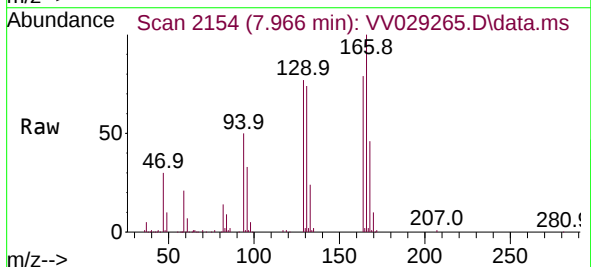
Instrument :
MSVOA_V
ClientSampleId :

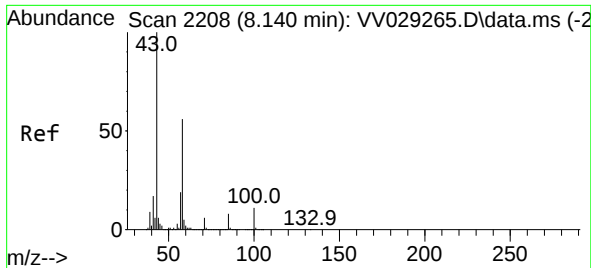
Tgt Ion:	97	Resp:	74585
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.8	79.6
83	87.7	61.4	114.0
85	56.2	39.3	73.1



#47
Tetrachloroethene
Concen: 5.069 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion:	164	Resp:	81931
Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.3	126.8
131	93.1	65.2	121.0
166	125.9	88.1	163.7

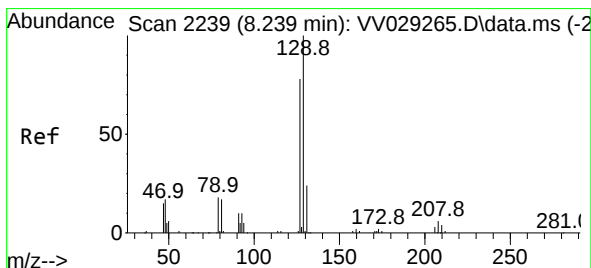
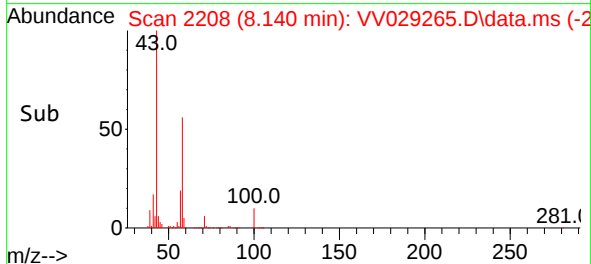
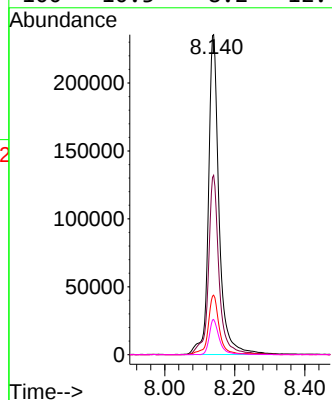
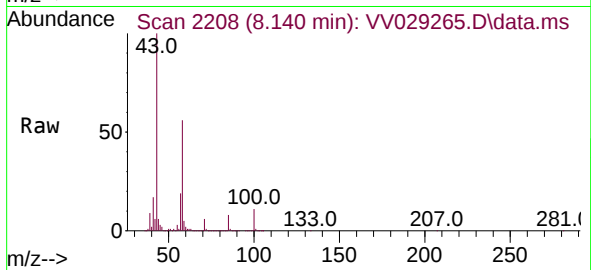




#48
2-Hexanone
Concen: 52.321 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

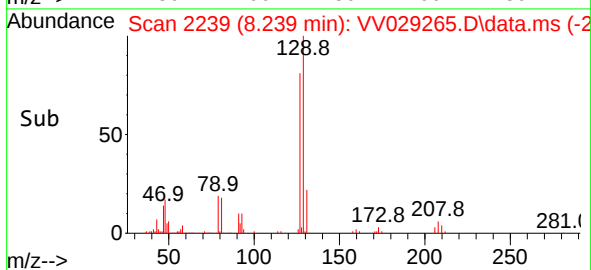
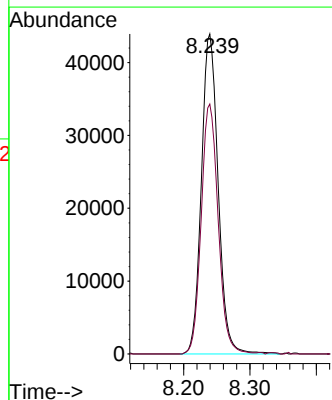
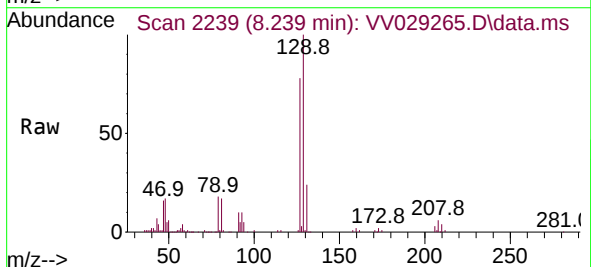
Instrument :
MSVOA_V
ClientSampleId :

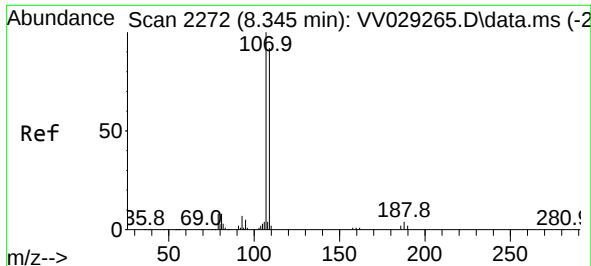
Tgt Ion: 43 Resp: 492702
Ion Ratio Lower Upper
43 100
58 56.6 45.3 67.9
57 19.3 15.4 23.2
100 10.3 8.2 12.4



#49
Dibromochloromethane
Concen: 5.130 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion: 129 Resp: 77163
Ion Ratio Lower Upper
129 100
127 78.1 54.7 101.5

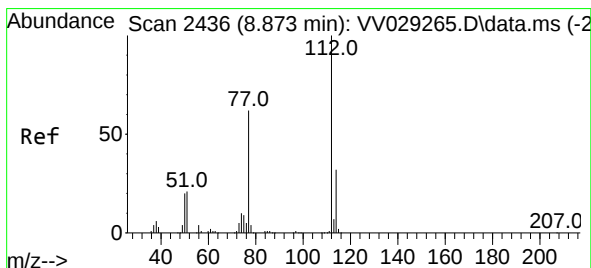
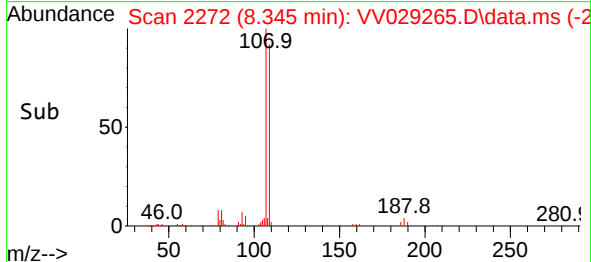
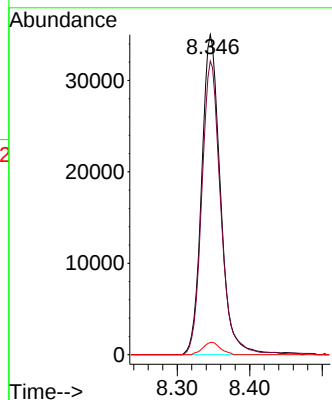
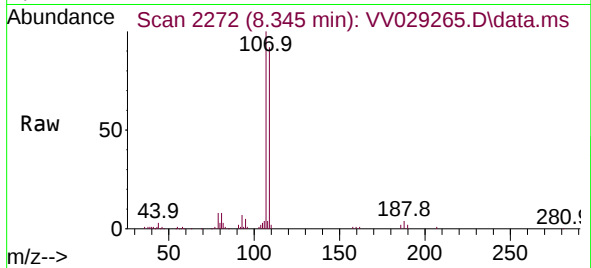




#50
1,2-Dibromoethane
Concen: 5.174 ug/L
RT: 8.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

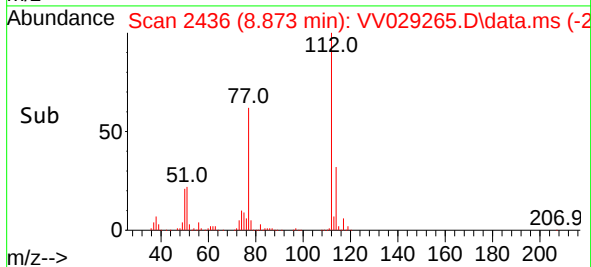
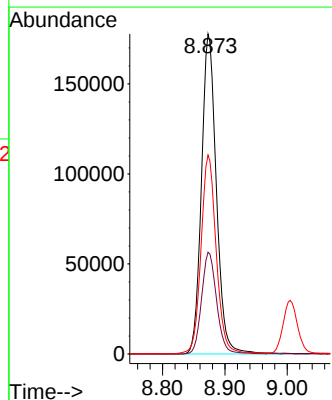
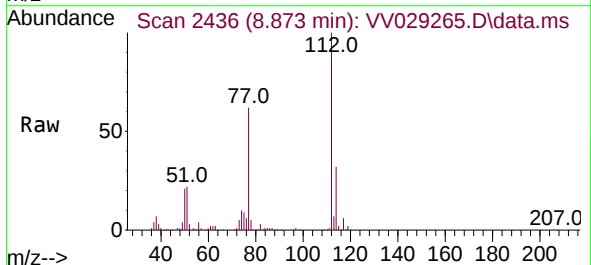
Instrument :
MSVOA_V
ClientSampleId :

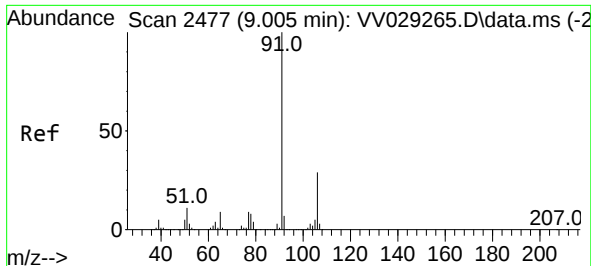
Tgt Ion:107 Resp: 63007
Ion Ratio Lower Upper
107 100
109 91.8 64.3 119.3
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 5.062 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion:112 Resp: 295779
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 62.2 49.8 74.6

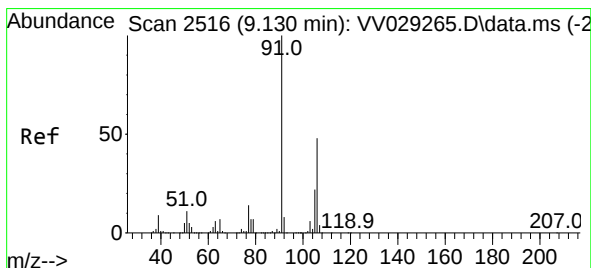
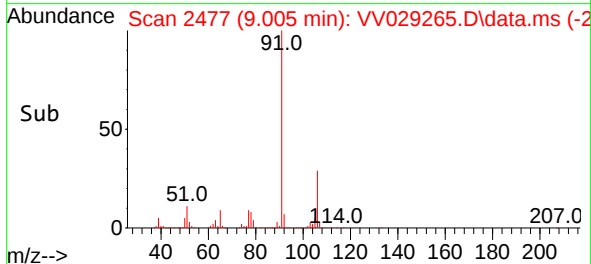
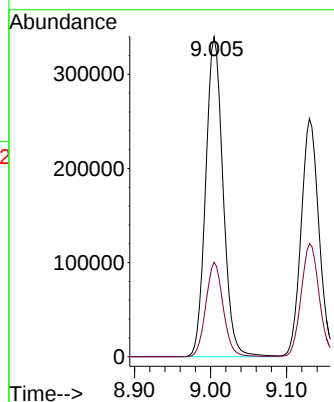
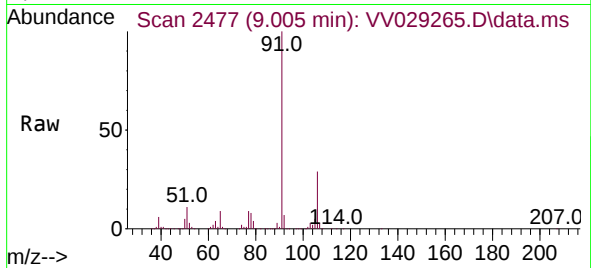




#52
Ethylbenzene
Concen: 5.213 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

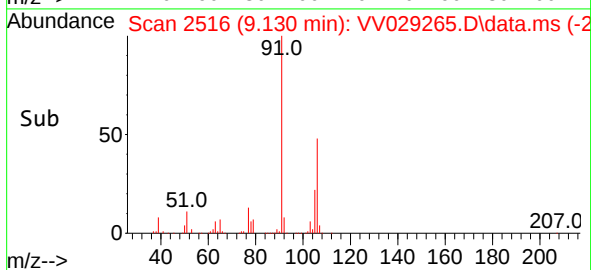
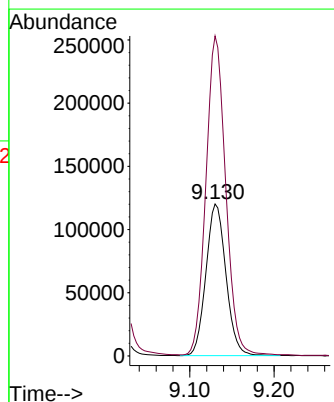
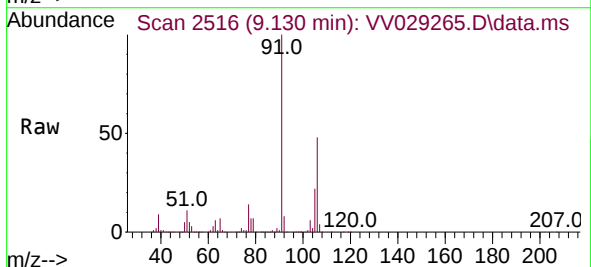
Instrument :
MSVOA_V
ClientSampleId :

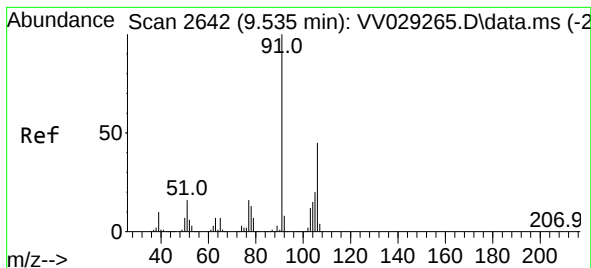
Tgt Ion: 91 Resp: 539523
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.158 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion: 106 Resp: 198172
Ion Ratio Lower Upper
106 100
91 210.5 147.3 273.6





#54

o-Xylene

Concen: 5.155 ug/L

RT: 9.535 min Scan# 2642

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

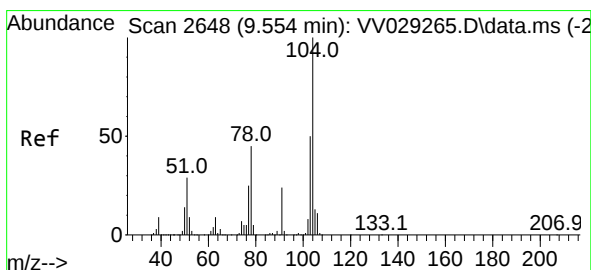
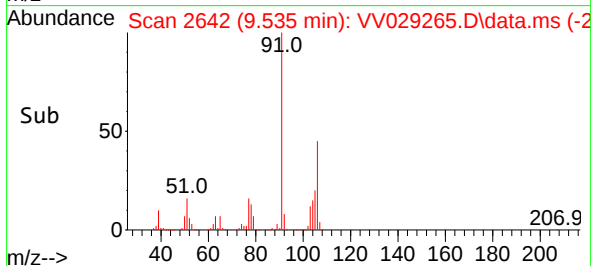
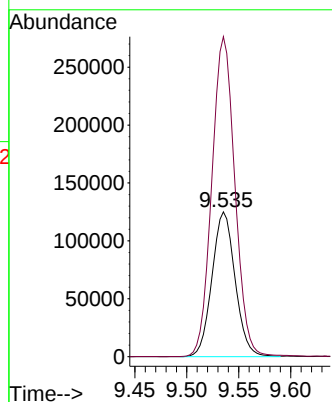
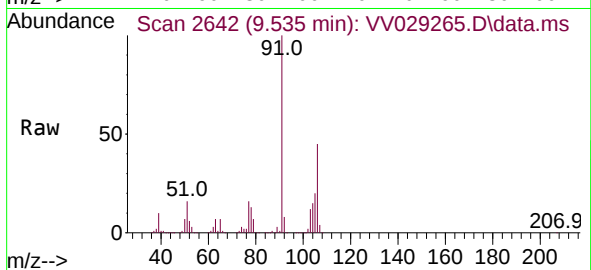
ClientSampleId :

Tgt Ion:106 Resp: 193829

Ion Ratio Lower Upper

106 100

91 220.9 154.6 287.2



#55

Styrene

Concen: 5.207 ug/L

RT: 9.554 min Scan# 2648

Delta R.T. 0.000 min

Lab File: VV029265.D

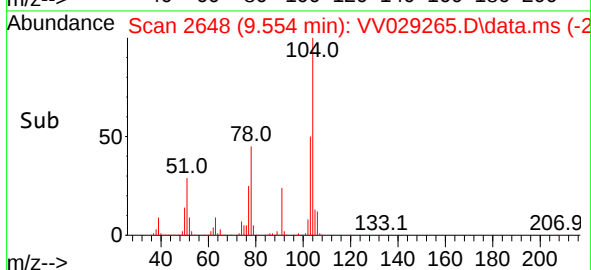
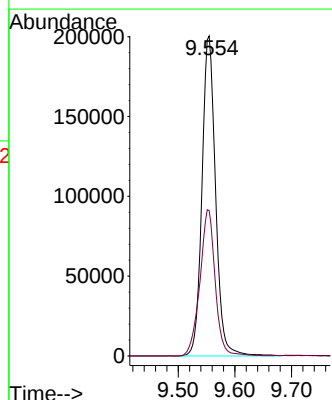
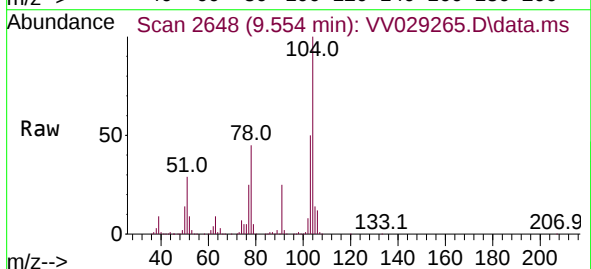
Acq: 22 Nov 2022 16:16

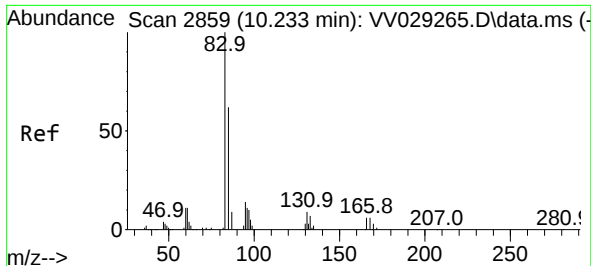
Tgt Ion:104 Resp: 334733

Ion Ratio Lower Upper

104 100

78 45.5 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.040 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

ClientSampleId :

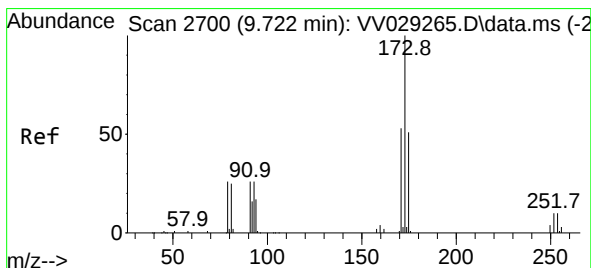
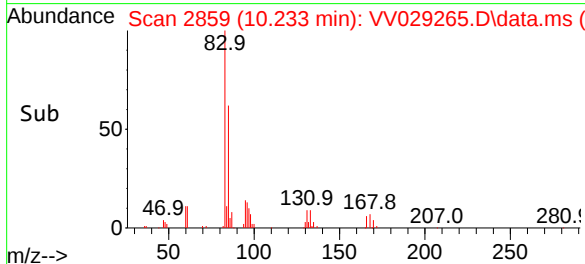
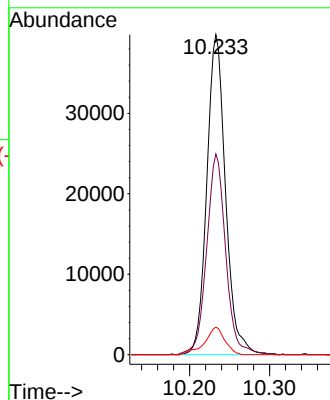
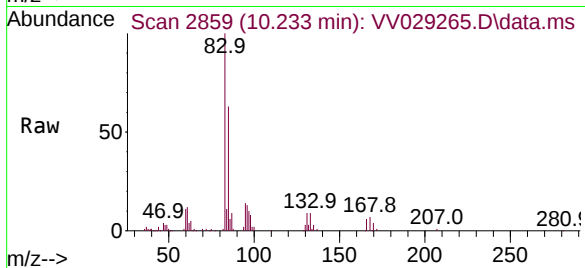
Tgt Ion: 83 Resp: 64816

Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.062 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

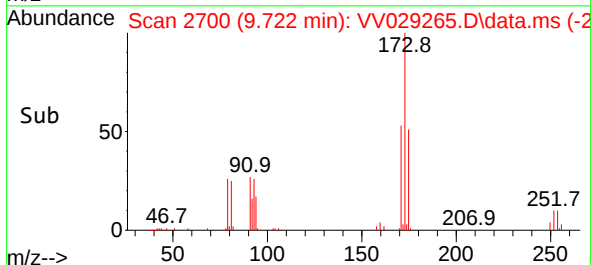
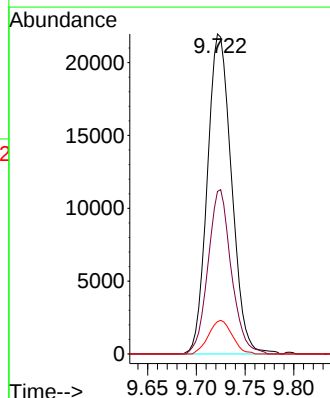
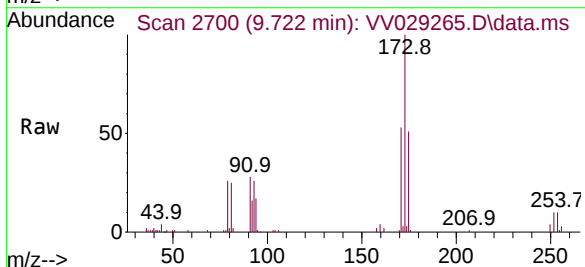
Tgt Ion: 173 Resp: 37927

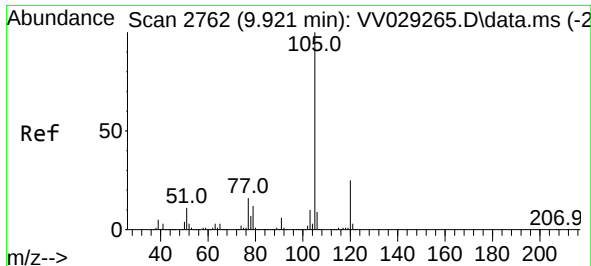
Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

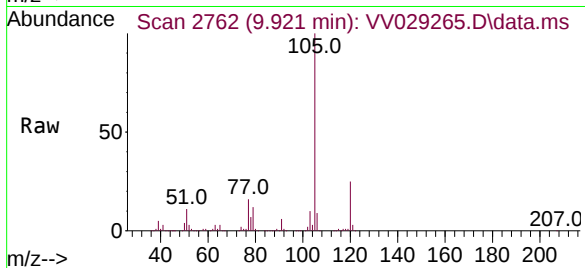
254 10.2 8.2 12.2



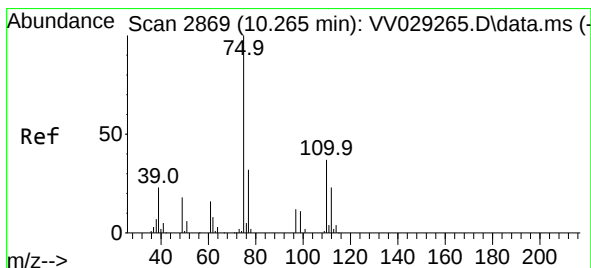
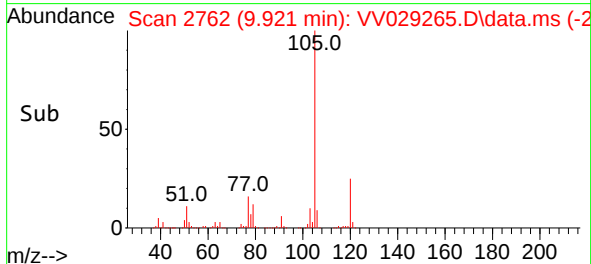
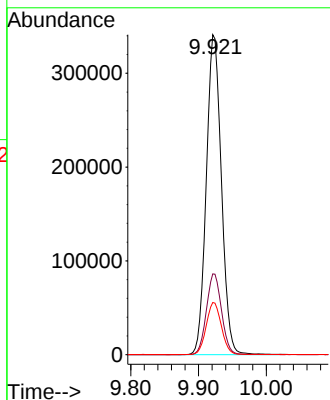


#60
Isopropylbenzene
Concen: 5.121 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Instrument :
MSVOA_V
ClientSampleId :

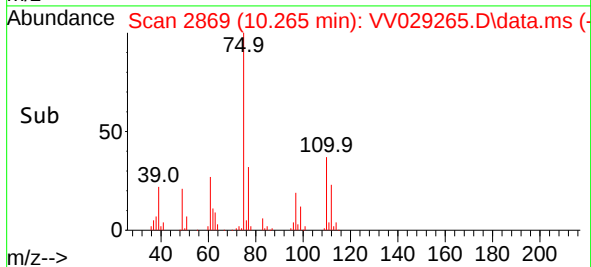
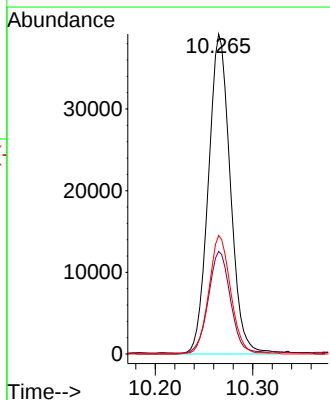
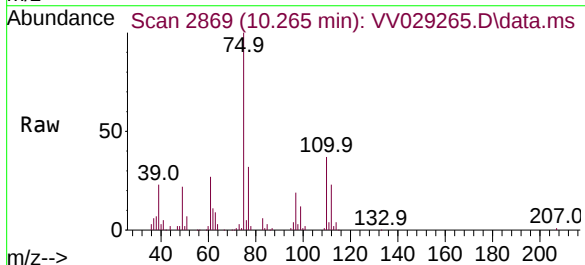


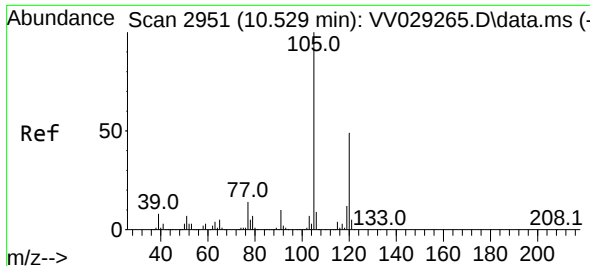
Tgt Ion:105 Resp: 527506
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.011 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion: 75 Resp: 61239
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 37.0 29.6 44.4

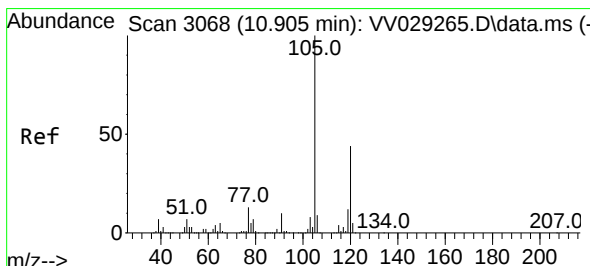
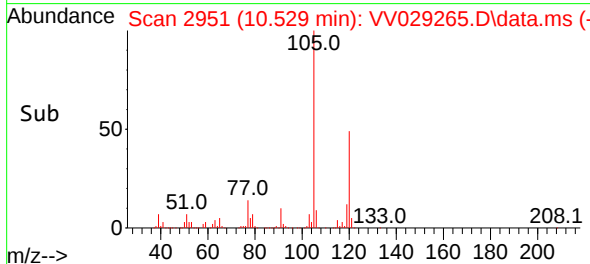
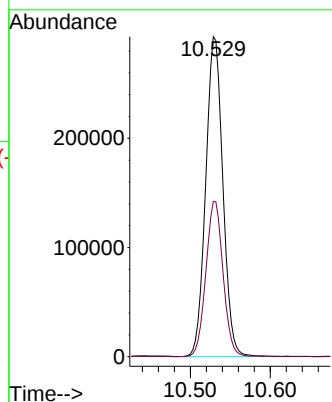
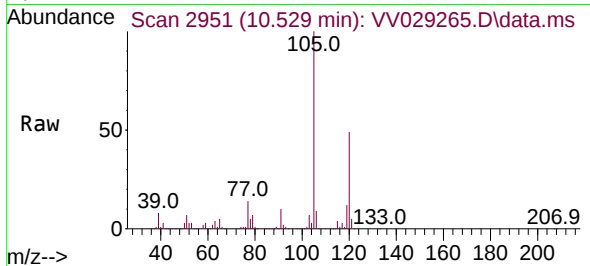




#62
 1,3,5-Trimethylbenzene
 Concen: 5.003 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

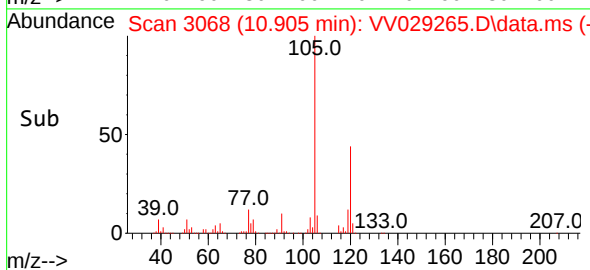
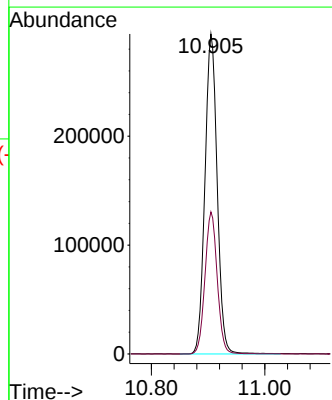
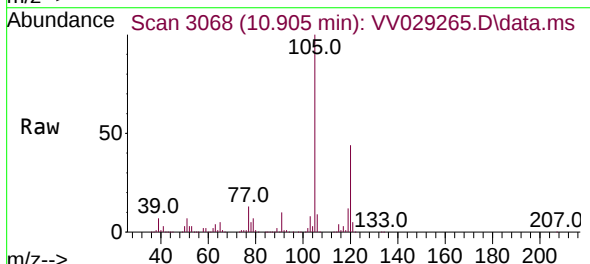
Instrument :
 MSVOA_V
 ClientSampleId :

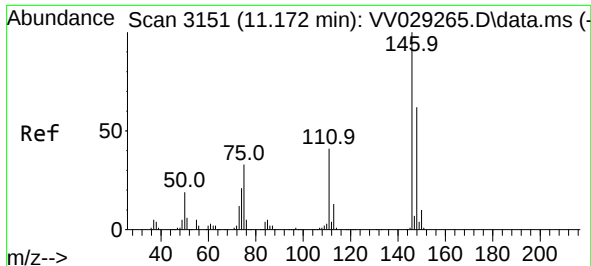
Tgt Ion:105 Resp: 437651
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.064 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion:105 Resp: 440605
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.6 53.4

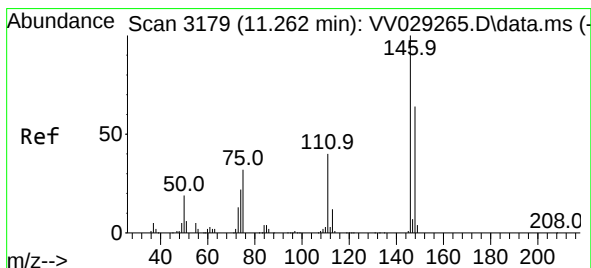
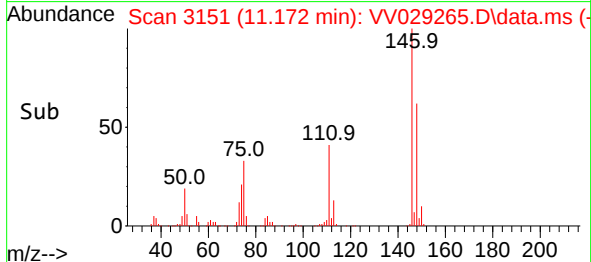
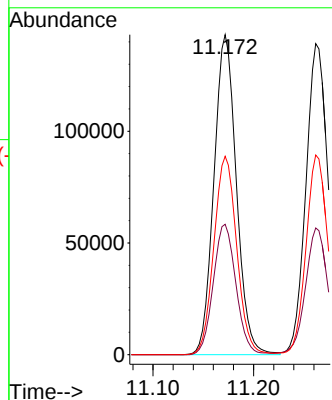
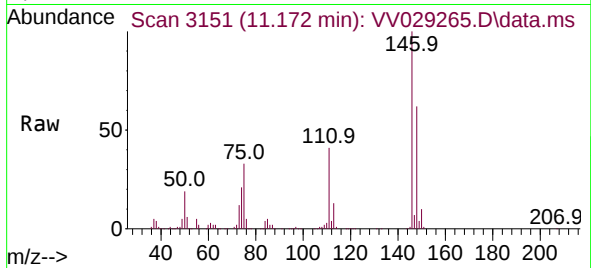




#64
1,3-Dichlorobenzene
Concen: 4.925 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

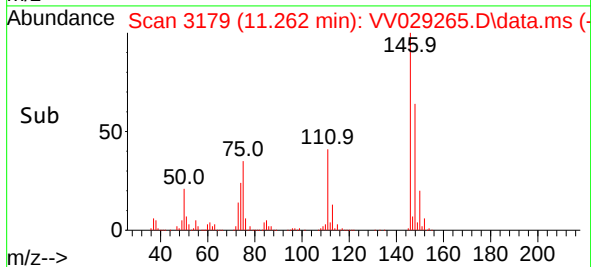
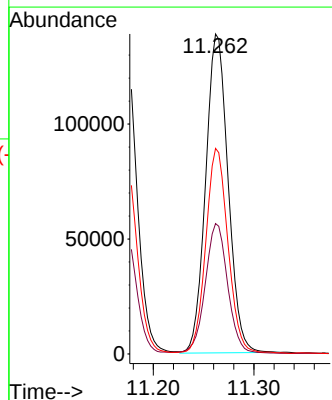
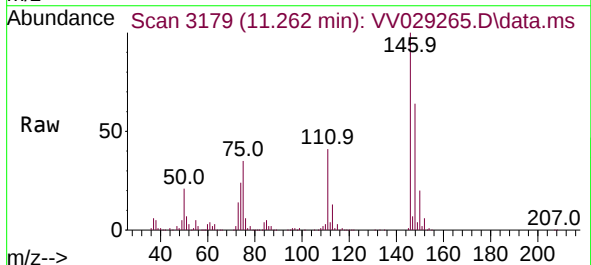
Instrument :
MSVOA_V
ClientSampleId :

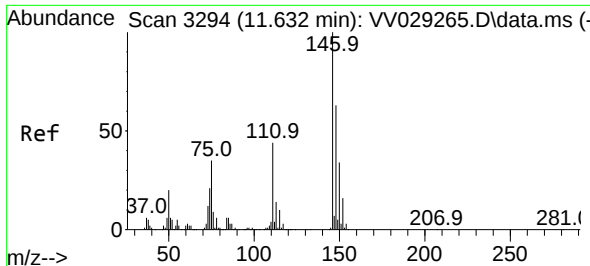
Tgt Ion:146 Resp: 222024
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 62.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.873 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion:146 Resp: 215194
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 64.2 44.9 83.5

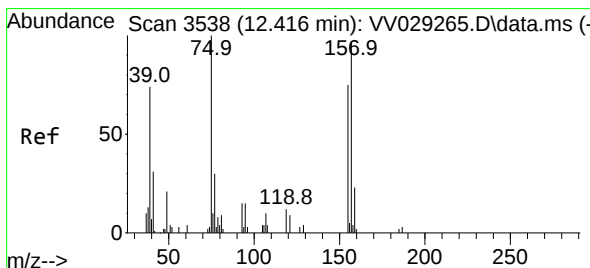
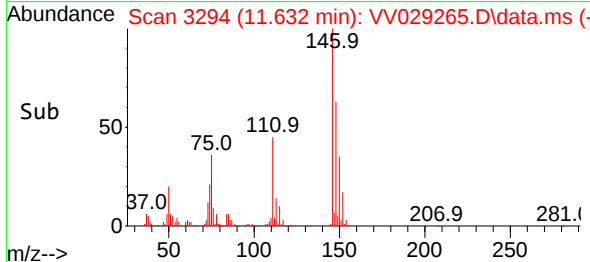
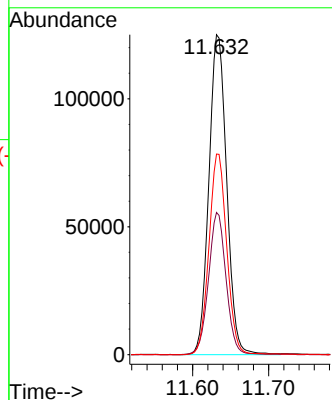
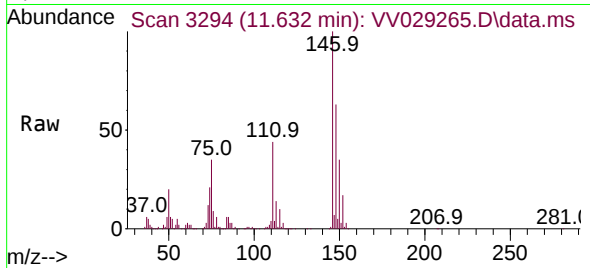




#67
 1,2-Dichlorobenzene
 Concen: 4.986 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

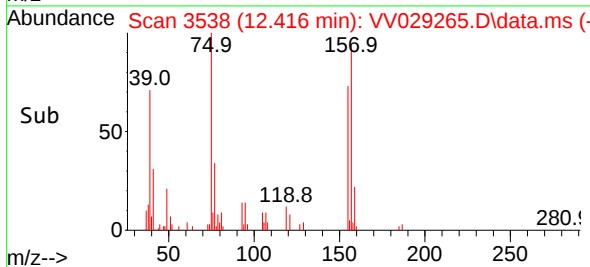
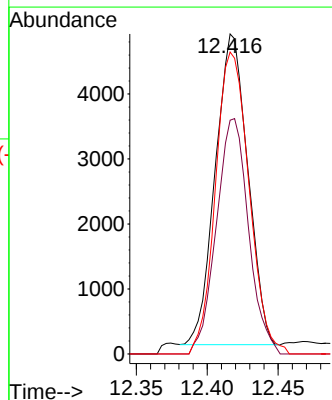
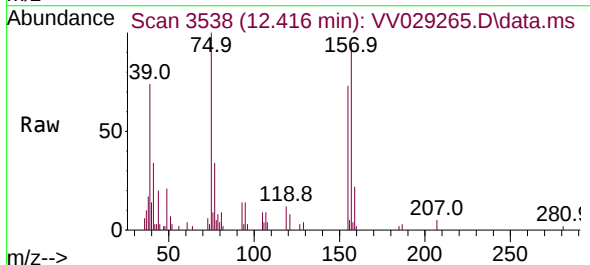
Instrument :
 MSVOA_V
 ClientSampleId :

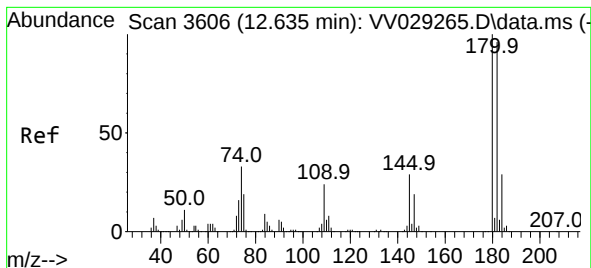
Tgt Ion:146 Resp: 203629
 Ion Ratio Lower Upper
 146 100
 111 44.5 35.6 53.4
 148 62.7 50.2 75.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.150 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: VV029265.D
 Acq: 22 Nov 2022 16:16

Tgt Ion: 75 Resp: 7616
 Ion Ratio Lower Upper
 75 100
 155 73.0 58.4 87.6
 157 94.4 75.5 113.3





#69

1,3,5-Trichlorobenzene

Concen: 4.842 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

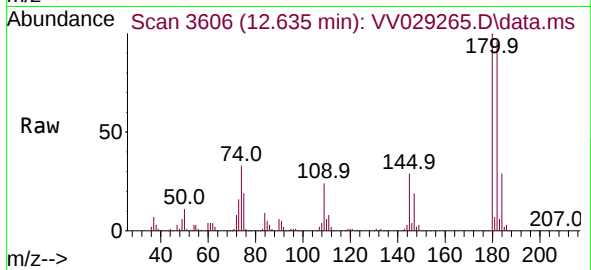
Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 169991

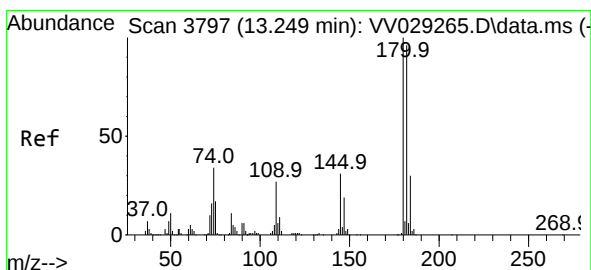
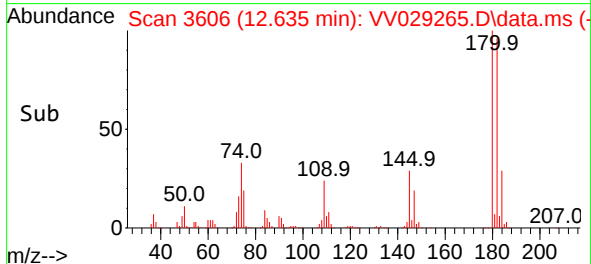
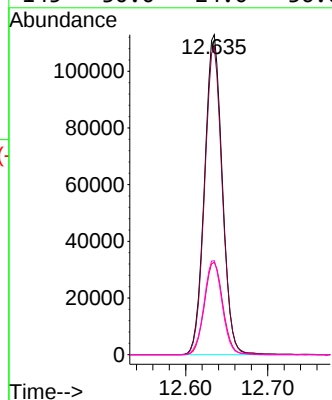
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 29.9 23.9 35.9

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.738 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029265.D

Acq: 22 Nov 2022 16:16

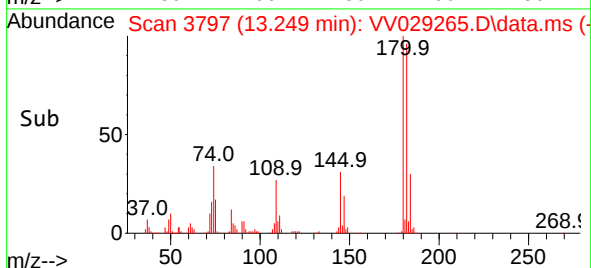
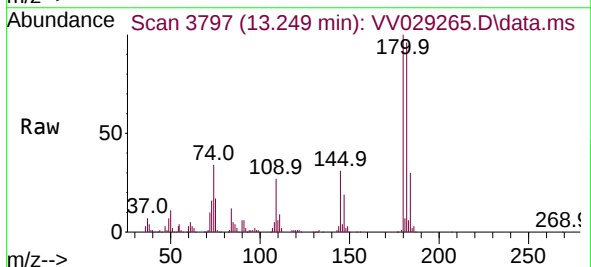
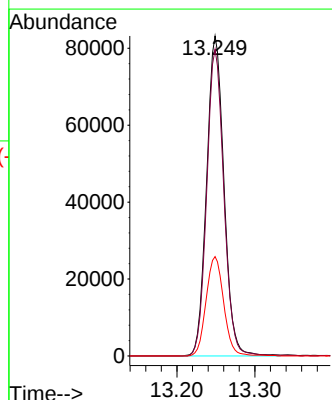
Tgt Ion:180 Resp: 129093

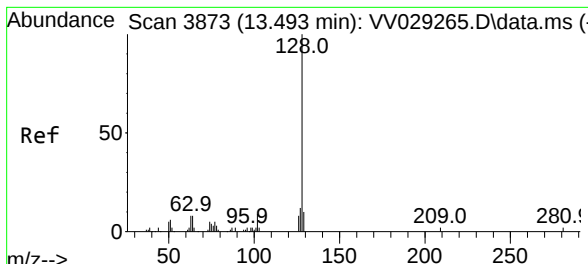
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 31.3 25.0 37.6

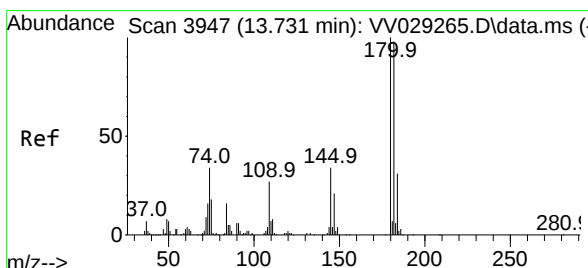
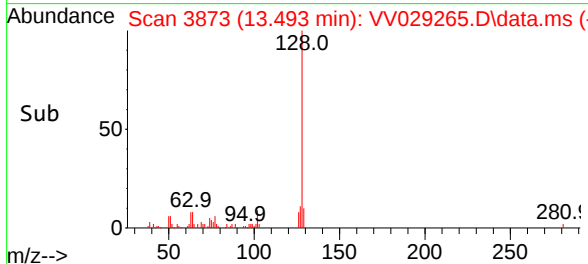
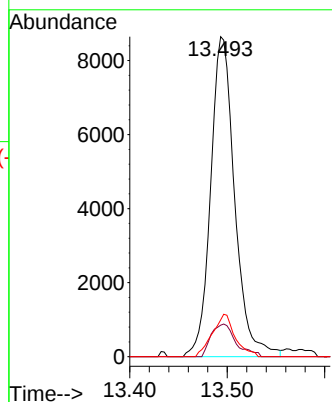
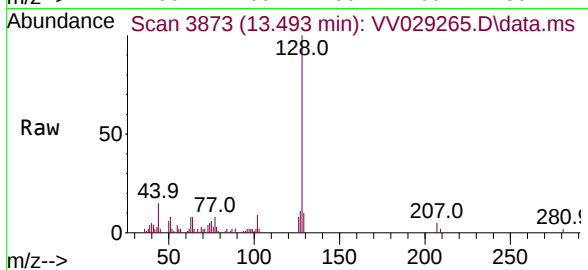




#71
Naphthalene
Concen: 1.540 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 14828
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.653 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029265.D
Acq: 22 Nov 2022 16:16

Tgt Ion:180 Resp: 102073
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 32.9 26.3 39.5

