

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029267.D
 Acq On : 22 Nov 2022 17:03
 Operator : SY/MD
 Sample : VSTD02007
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:02:34 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	5.609	114	311844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	273629	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	140947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	623148	20.949	ug/L	0.00
7) Chloroethane-d5	1.565	69	475947	20.440	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	1051333	20.748	ug/L	0.00
20) 2-Butanone-d5	3.889	46	990089	225.484	ug/L	-0.02
24) Chloroform-d	4.339	84	889005	21.074	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	427167	21.408	ug/L	0.00
32) Benzene-d6	5.043	84	1915605	21.472	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	604037	21.429	ug/L	0.00
41) Toluene-d8	7.307	98	1733529	21.567	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	213212	22.717	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	410524	250.328	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	309194	22.065	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	564467	20.759	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	526348	20.209	ug/L	100
3) Chloromethane	1.237	50	667229	18.637	ug/L	99
5) Vinyl chloride	1.307	62	688055	20.033	ug/L	98
6) Bromomethane	1.519	94	375819	19.791	ug/L	97
8) Chloroethane	1.581	64	413476	20.089	ug/L	100
9) Trichlorofluoromethane	1.748	101	806399	20.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	468269	20.143	ug/L	99
12) 1,1-Dichloroethene	2.111	96	456531	19.840	ug/L	93
13) Acetone	2.188	43	697568	191.503	ug/L	100
14) Carbon disulfide	2.288	76	1328867	20.450	ug/L	100
15) Methyl Acetate	2.433	43	175690	18.599	ug/L	98
16) Methylene chloride	2.500	84	518215	14.305	ug/L	100
17) Methyl tert-butyl Ether	2.764	73	1040862	20.592	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	467974	20.015	ug/L	98
19) 1,1-Dichloroethane	3.182	63	949892	20.158	ug/L	99
21) 2-Butanone	3.970	43	1189660	206.317	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	519752	20.371	ug/L	99
23) Bromochloromethane	4.240	128	195903	20.547	ug/L	100
25) Chloroform	4.365	83	910624	20.313	ug/L	100
27) 1,2-Dichloroethane	5.121	62	505340	20.577	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	753295	20.800	ug/L	99
30) Cyclohexane	4.670	56	907770	20.728	ug/L	100
31) Carbon tetrachloride	4.822	117	600504	20.785	ug/L	98
33) Benzene	5.092	78	2042552	20.499	ug/L	100
34) Trichloroethene	5.905	95	535360	20.418	ug/L	98
35) Methylcyclohexane	6.124	83	882329	20.818	ug/L	100
37) 1,2-Dichloropropane	6.166	63	523337	20.257	ug/L	100
38) Bromodichloromethane	6.503	83	611638	21.158	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	736105	22.008	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	2776846	212.883	ug/L	99
42) Toluene	7.381	91	2113712	20.633	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	565984	21.966	ug/L	100

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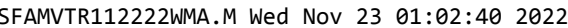
Quant Time: Nov 23 01:02:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
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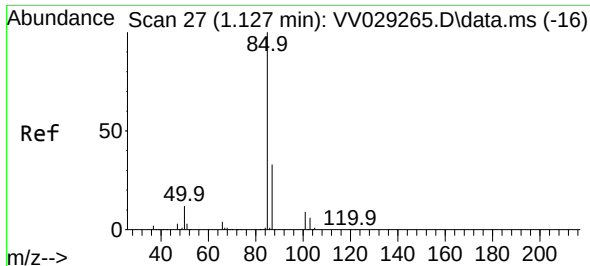
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	313928	20.477	ug/L	97
47) Tetrachloroethene	7.969	164	359563	20.882	ug/L	99
48) 2-Hexanone	8.133	43	1995392	198.920	ug/L	97
49) Dibromochloromethane	8.239	129	341826	21.333	ug/L	100
50) 1,2-Dibromoethane	8.342	107	270362	20.843	ug/L	99
51) Chlorobenzene	8.873	112	1262760	20.286	ug/L	99
52) Ethylbenzene	9.005	91	2294604	20.813	ug/L	99
53) m,p-Xylene	9.130	106	855940	20.914	ug/L	98
54) o-Xylene	9.535	106	840998	20.999	ug/L	100
55) Styrene	9.551	104	1455610	21.255	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	294736	21.515	ug/L	98
59) Bromoform	9.722	173	175645	21.243	ug/L	98
60) Isopropylbenzene	9.921	105	2269117	19.961	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	262915	19.496	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	1971813	20.427	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	1982127	20.643	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	988620	19.874	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	972305	19.953	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	902188	20.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	39280	19.394	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	777346	20.066	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	612115	20.360	ug/L	98
71) Naphthalene	13.493	128	126760	11.931	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	488706	20.189	ug/L	99

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

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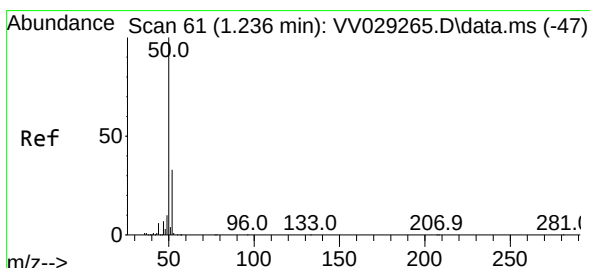
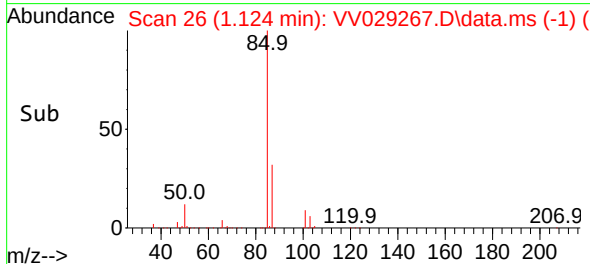
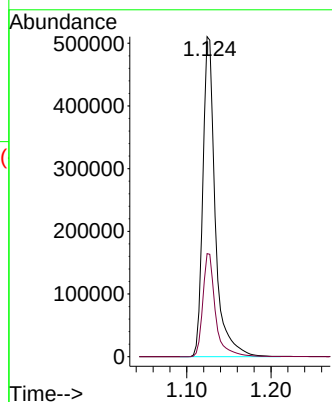
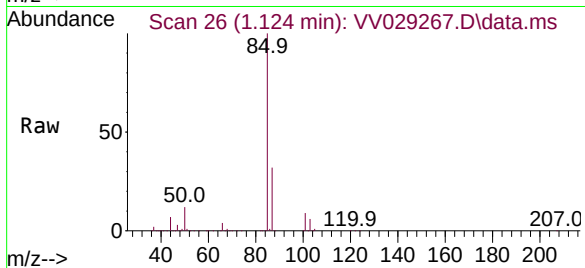




#2
 Dichlorodifluoromethane
 Concen: 20.209 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

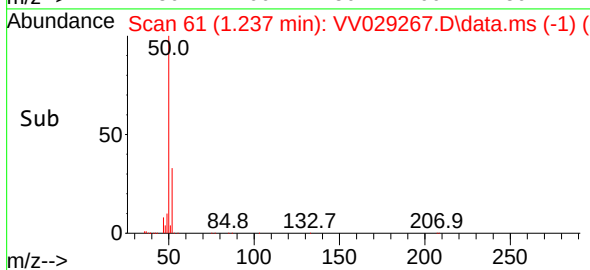
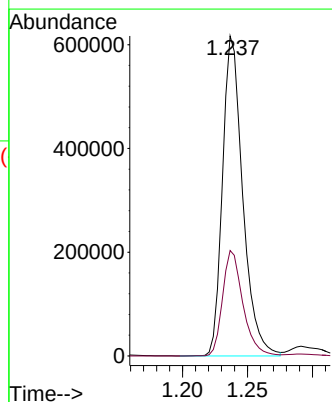
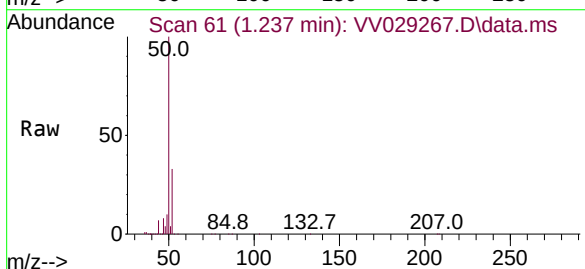
Instrument :
 MSVOA_V
 ClientSampleId :

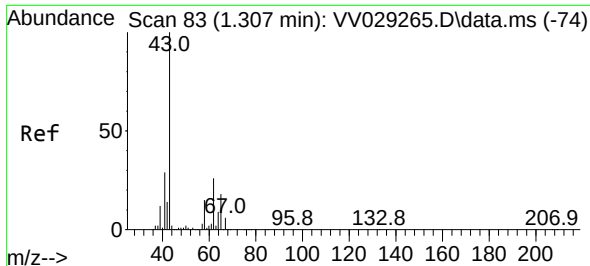
Tgt Ion: 85 Resp: 526348
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5



#3
 Chloromethane
 Concen: 18.637 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Tgt Ion: 50 Resp: 667229
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4

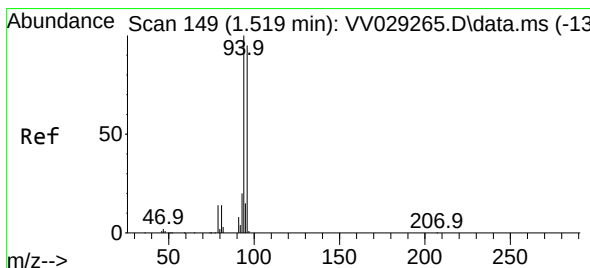
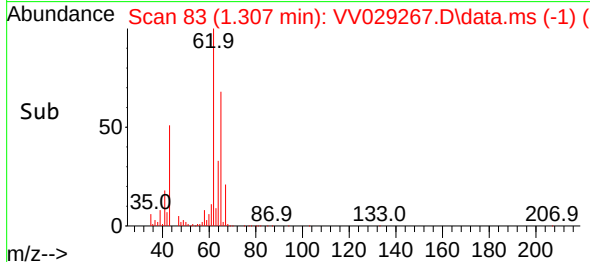
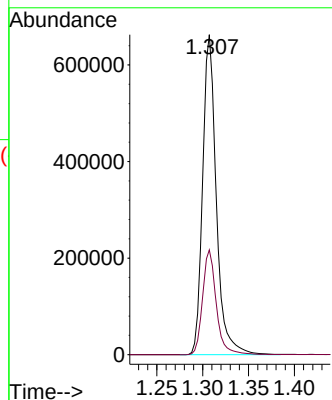
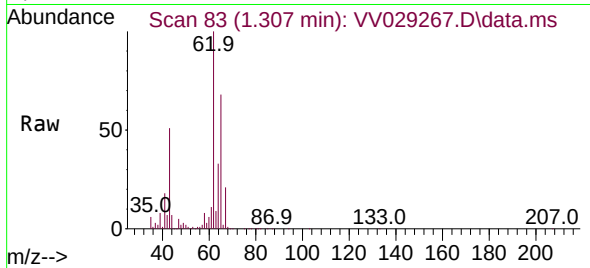




#5
 Vinyl chloride
 Concen: 20.033 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

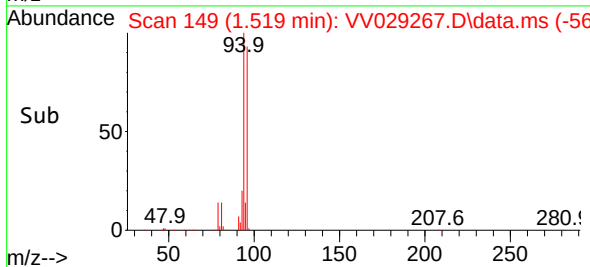
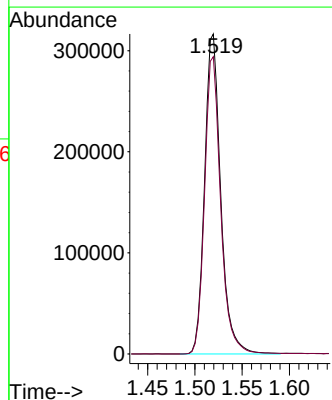
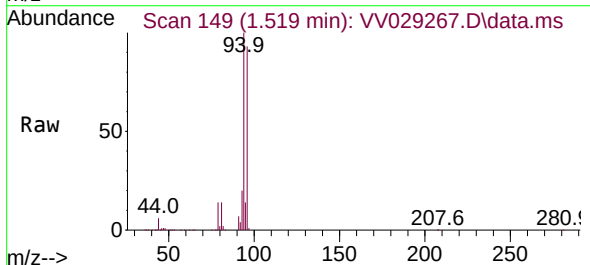
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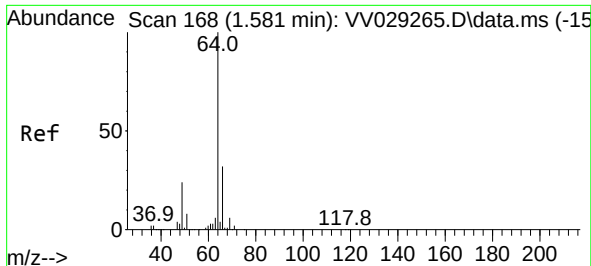
Tgt Ion: 62 Resp: 688055
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.8 44.2



#6
 Bromomethane
 Concen: 19.791 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Tgt Ion: 94 Resp: 375819
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.8 124.2

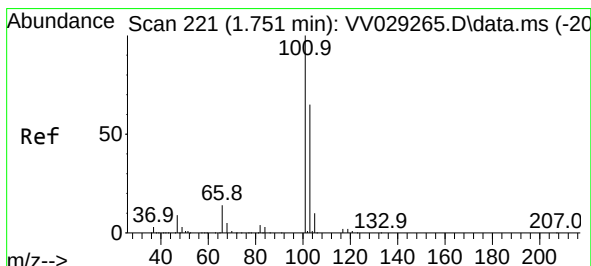
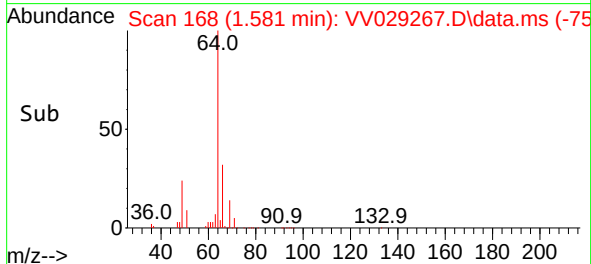
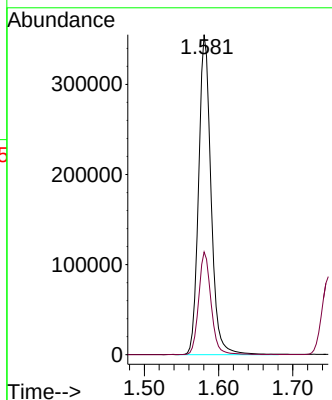
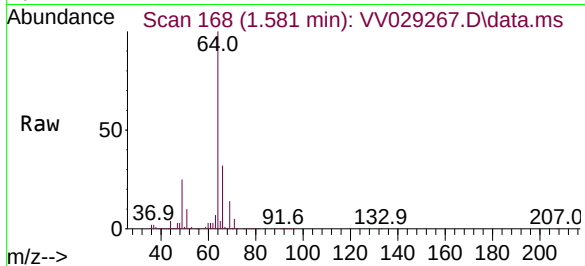




#8
Chloroethane
Concen: 20.089 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

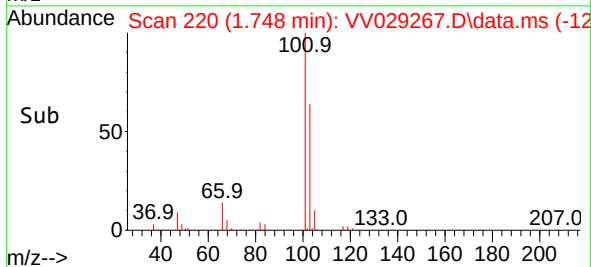
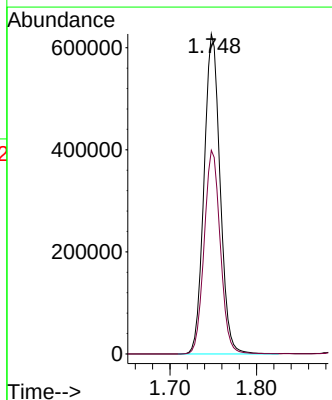
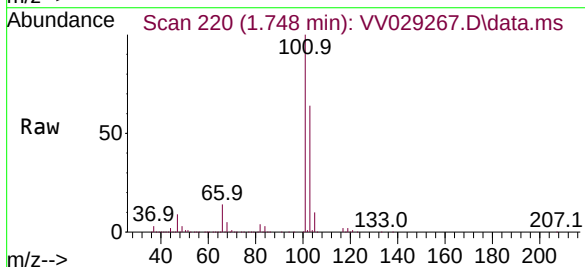
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ClientSampleId :

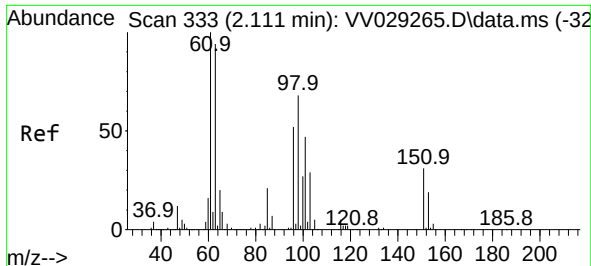
Tgt Ion: 64 Resp: 413476
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 20.551 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion:101 Resp: 806399
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5





#10

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

Concen: 20.143 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

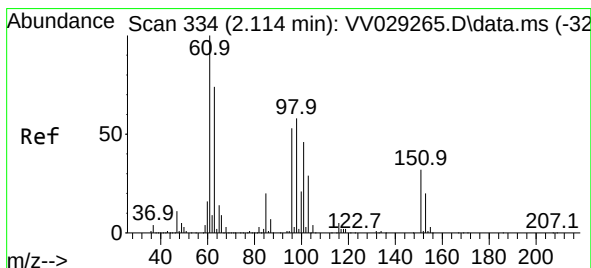
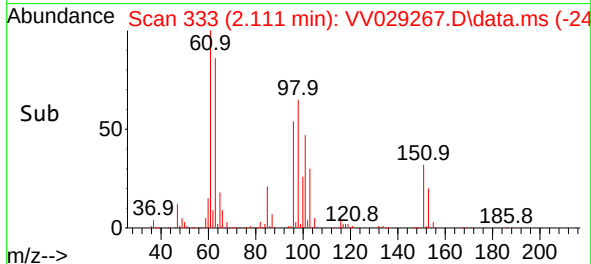
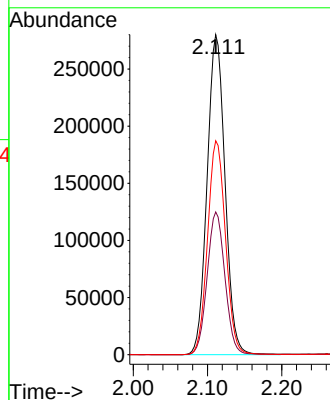
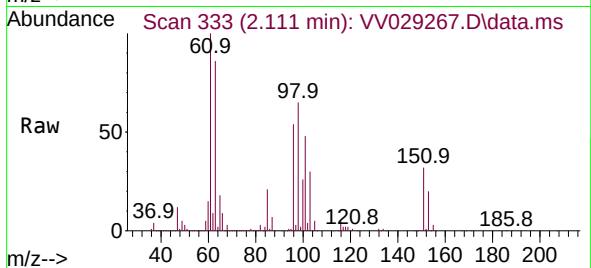
Tgt Ion:101 Resp: 468269

Ion Ratio Lower Upper

101 100

85 44.4 34.7 52.1

151 67.0 53.4 80.2



#12

1,1-Dichloroethene

Concen: 19.840 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

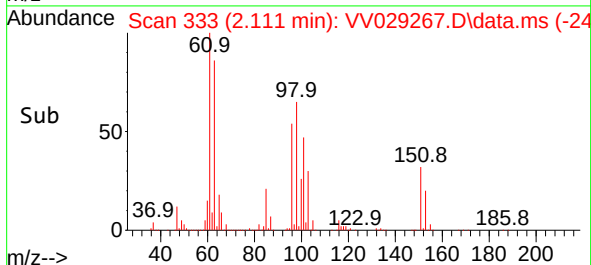
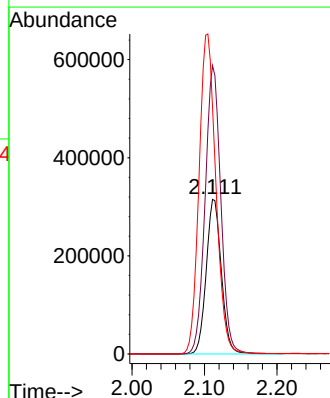
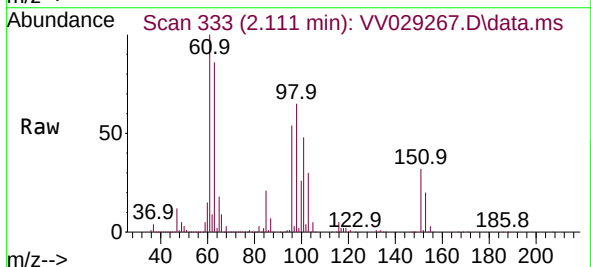
Tgt Ion: 96 Resp: 456531

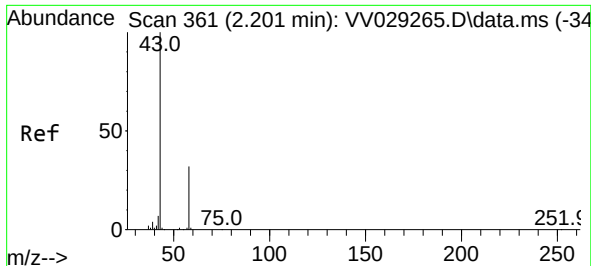
Ion Ratio Lower Upper

96 100

61 186.6 131.9 245.0

63 159.8 98.6 183.0

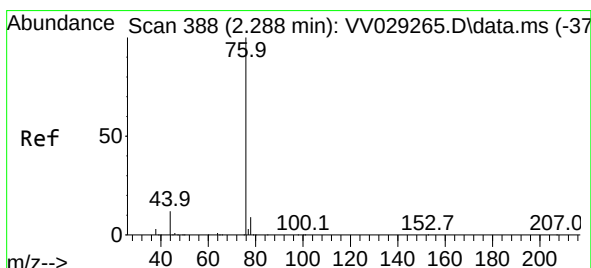
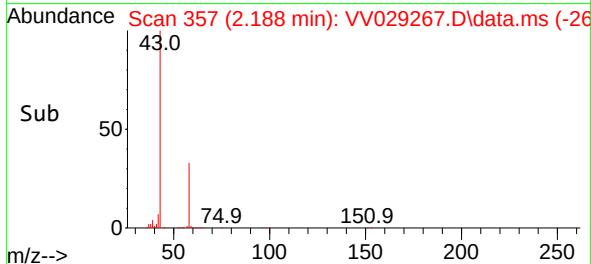
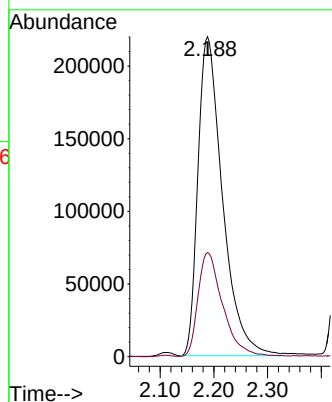
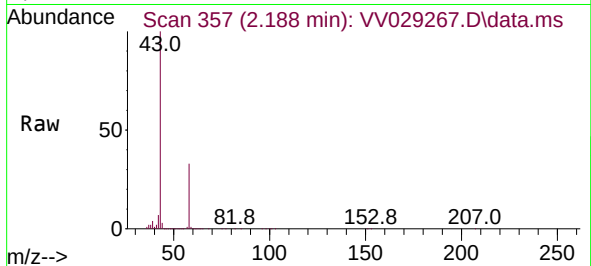




#13
Acetone
Concen: 191.503 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

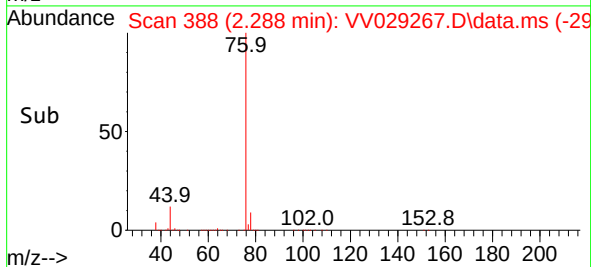
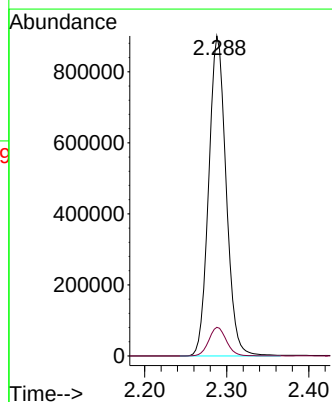
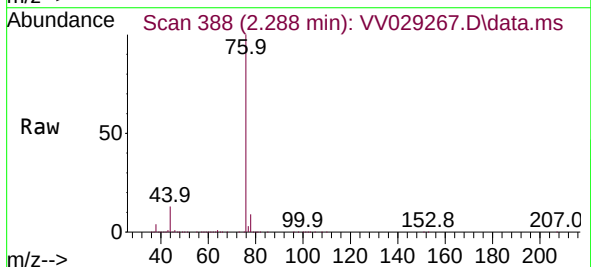
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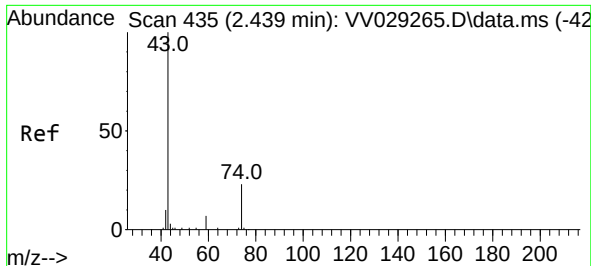
Tgt Ion: 43 Resp: 697568
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.2



#14
Carbon disulfide
Concen: 20.450 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

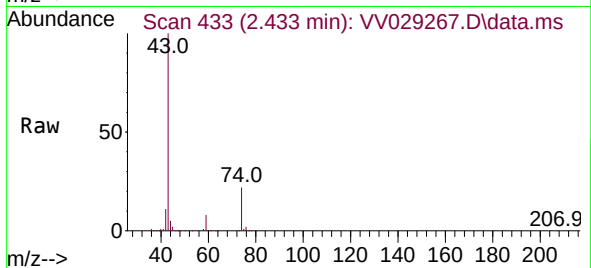
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Ion Ratio Lower Upper
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78 9.0 7.2 10.8



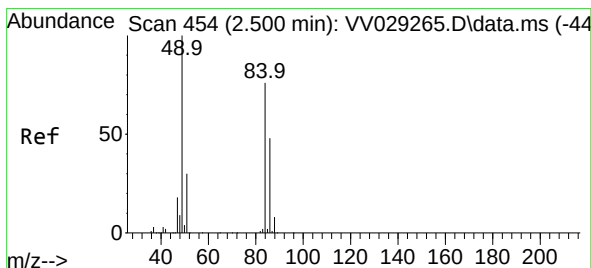
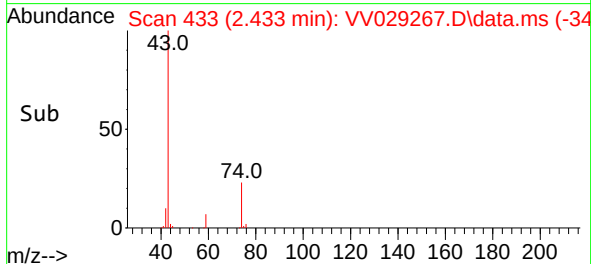
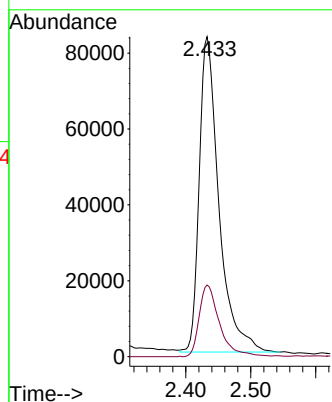


#15
Methyl Acetate
Concen: 18.599 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Instrument :
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ClientSampleId :

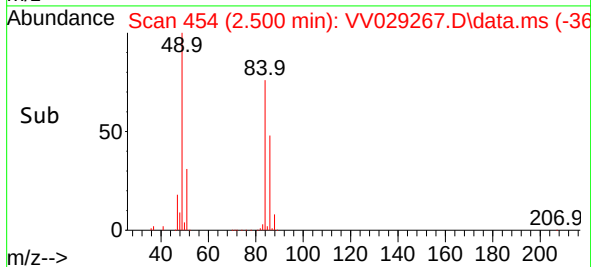
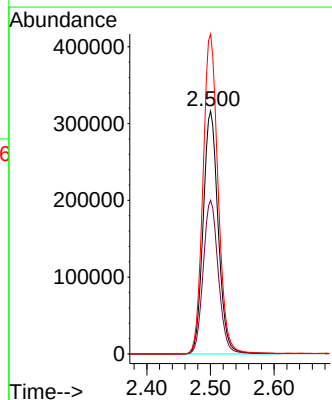
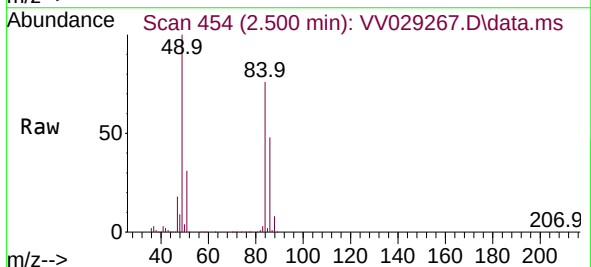


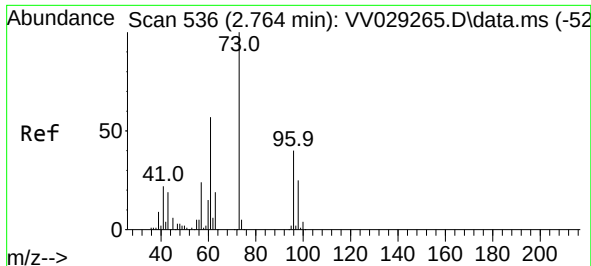
Tgt Ion: 43 Resp: 175690
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0



#16
Methylene chloride
Concen: 14.305 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion: 84 Resp: 518215
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 131.8 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 20.592 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

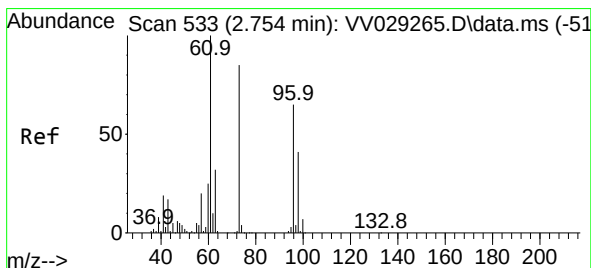
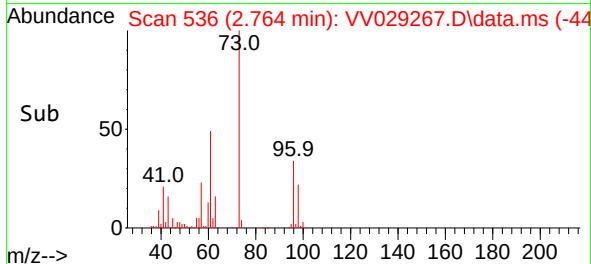
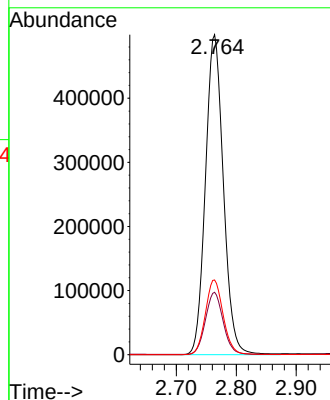
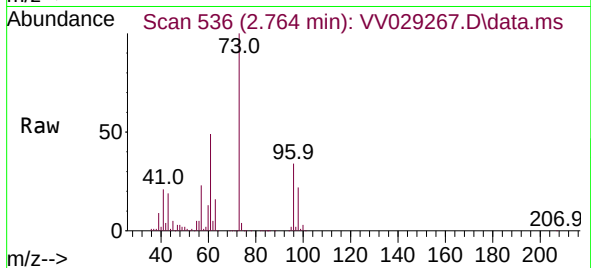
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 1040862

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.4	23.2
57	23.3	18.9	28.3



#18

trans-1,2-Dichloroethene

Concen: 20.015 ug/L

RT: 2.751 min Scan# 532

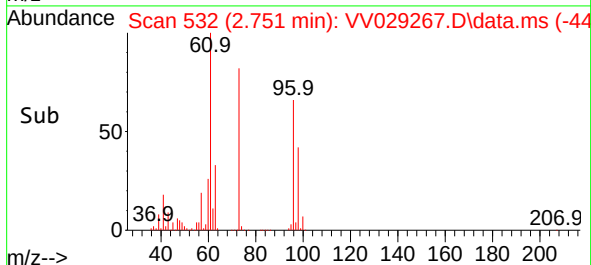
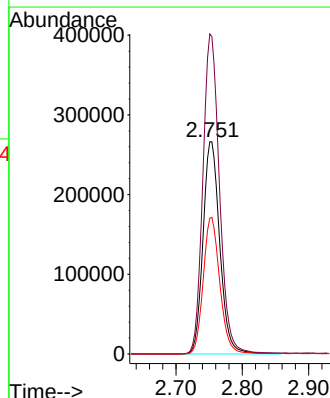
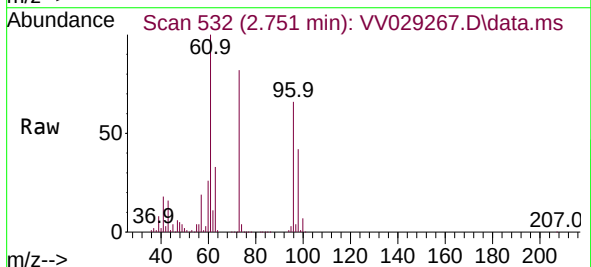
Delta R.T. -0.003 min

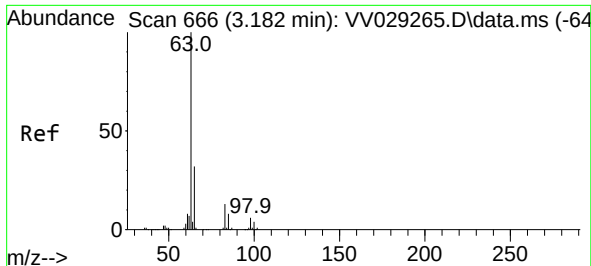
Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Tgt Ion: 96 Resp: 467974

Ion	Ratio	Lower	Upper
96	100		
61	150.8	107.6	199.8
98	64.0	44.3	82.3





#19

1,1-Dichloroethane

Concen: 20.158 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

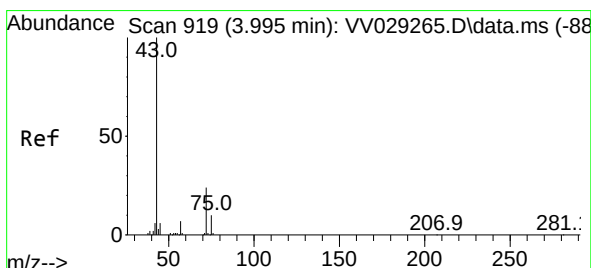
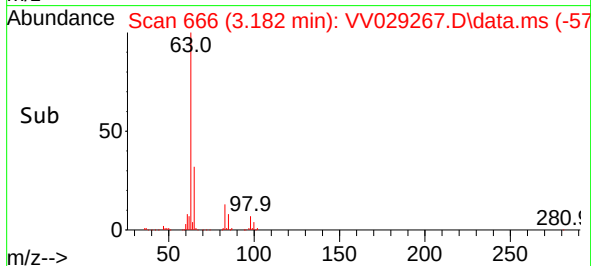
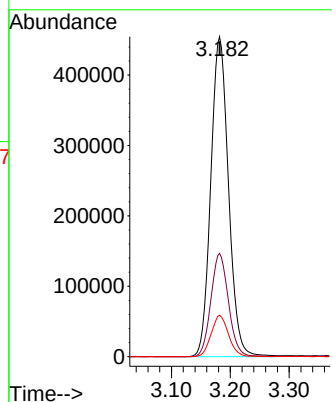
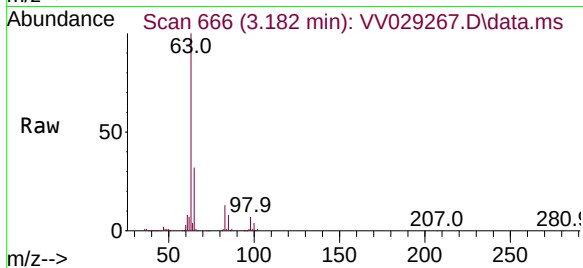
Tgt Ion: 63 Resp: 949892

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 12.9 9.0 16.8



#21

2-Butanone

Concen: 206.317 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.026 min

Lab File: VV029267.D

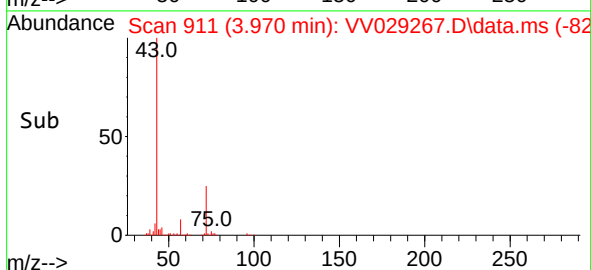
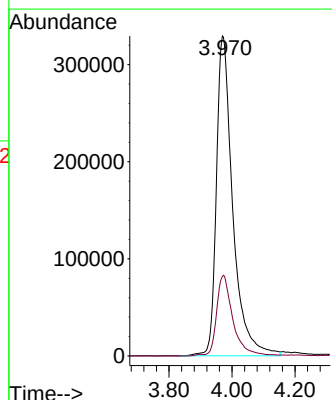
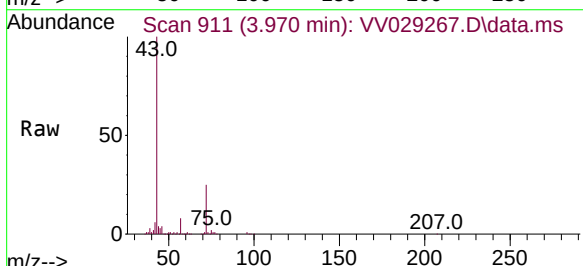
Acq: 22 Nov 2022 17:03

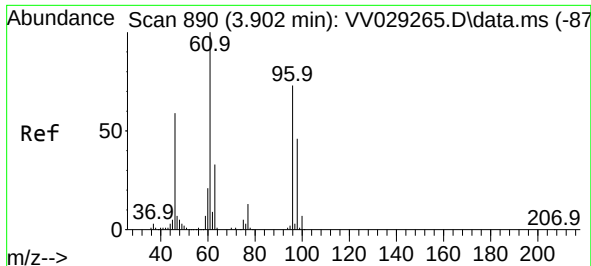
Tgt Ion: 43 Resp: 1189660

Ion Ratio Lower Upper

43 100

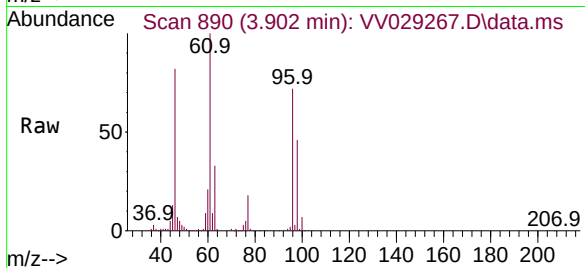
72 24.3 11.3 33.8



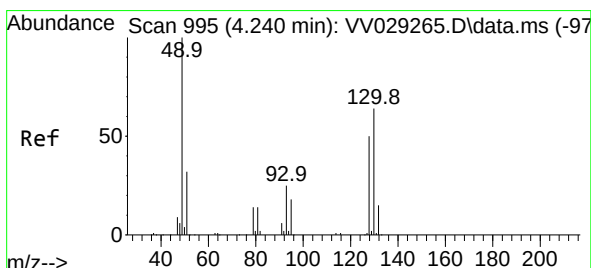
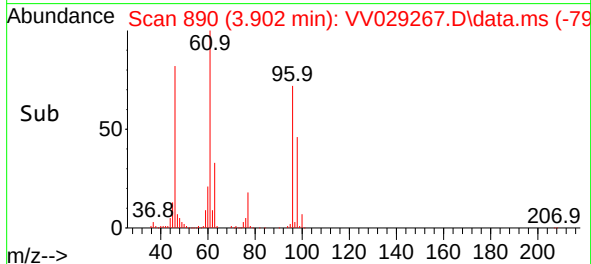
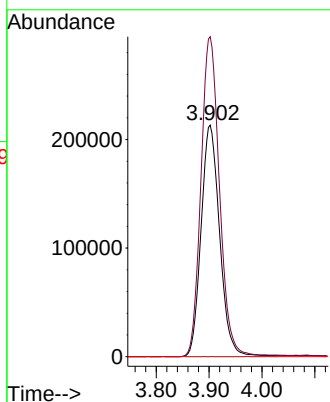


#22
 cis-1,2-Dichloroethene
 Concen: 20.371 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Instrument :
 MSVOA_V
 ClientSampleId :

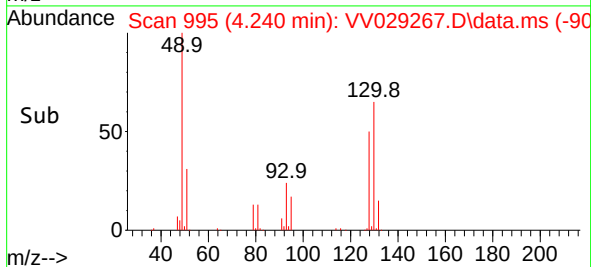
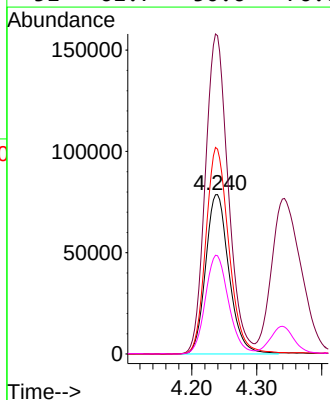
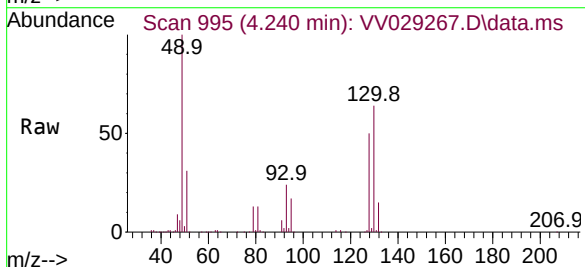


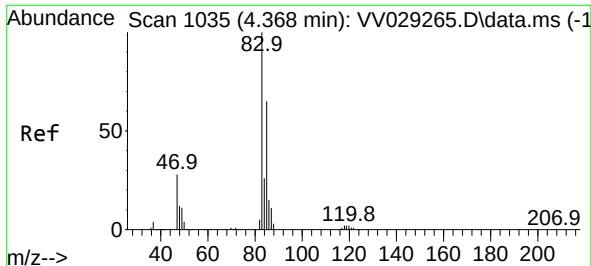
Tgt Ion: 96 Resp: 519752
 Ion Ratio Lower Upper
 96 100
 61 138.2 95.8 178.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 20.547 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Tgt Ion:128 Resp: 195903
 Ion Ratio Lower Upper
 128 100
 49 199.7 139.9 259.9
 130 128.5 89.9 166.9
 51 61.7 50.6 76.0

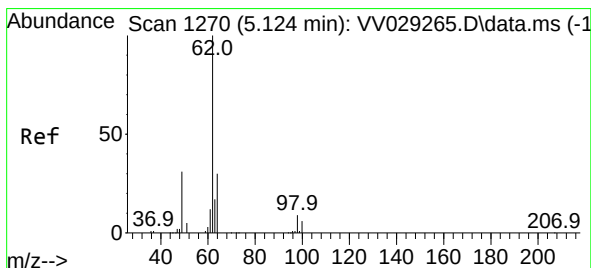
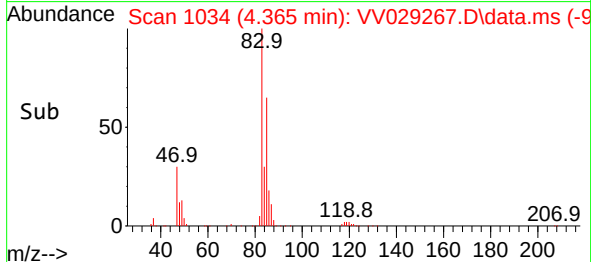
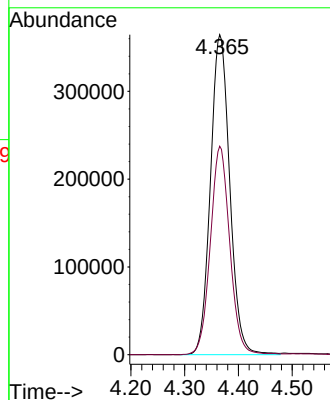
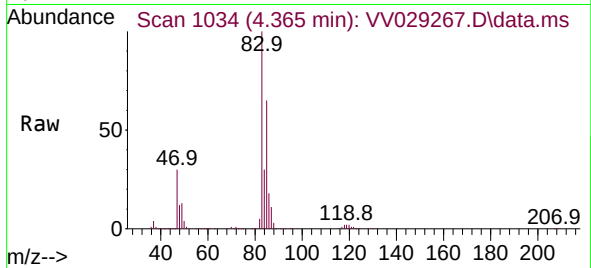




#25
Chloroform
Concen: 20.313 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

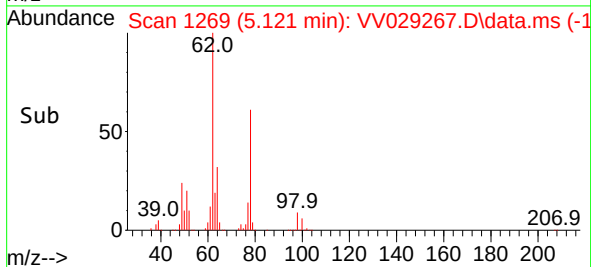
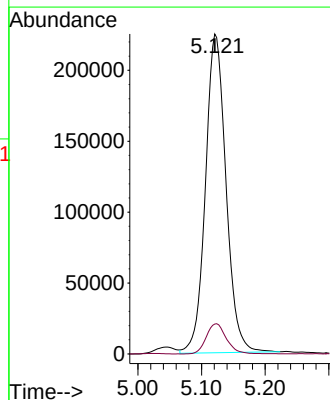
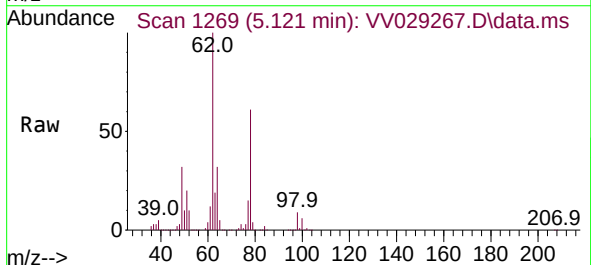
Instrument :
MSVOA_V
ClientSampleId :

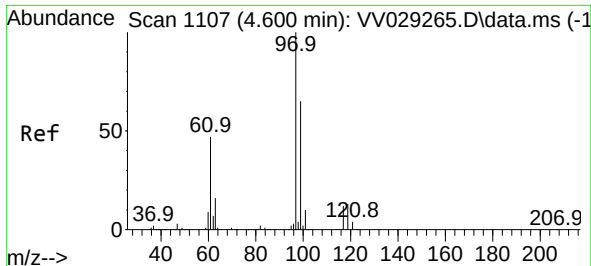
Tgt Ion: 83 Resp: 910624
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6



#27
1,2-Dichloroethane
Concen: 20.577 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion: 62 Resp: 505340
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 20.800 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

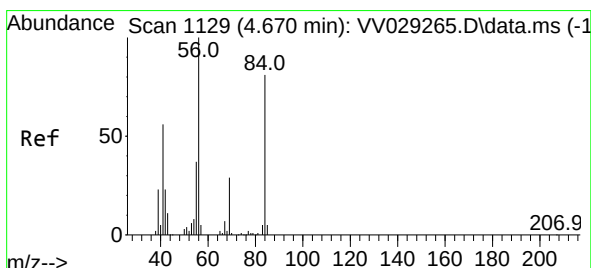
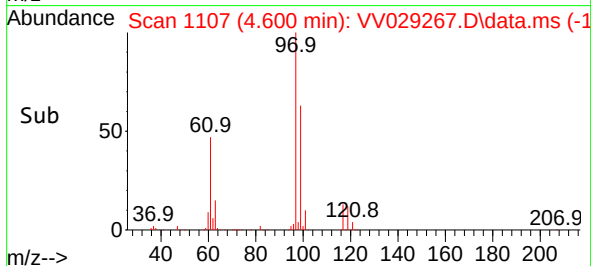
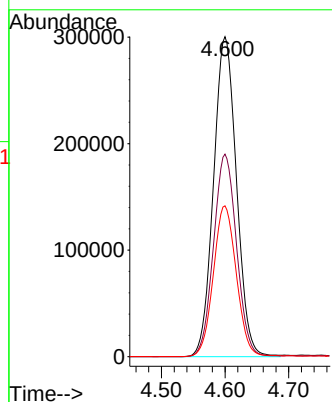
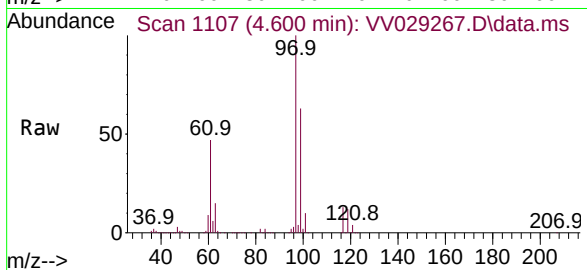
Tgt Ion: 97 Resp: 753295

Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 47.1 39.0 58.4



#30

Cyclohexane

Concen: 20.728 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

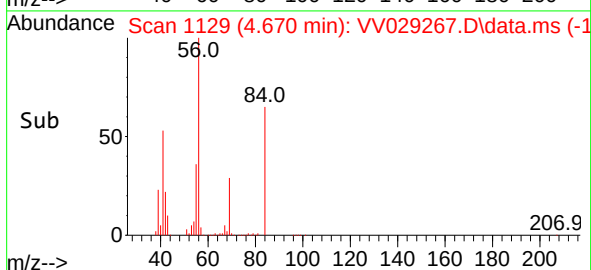
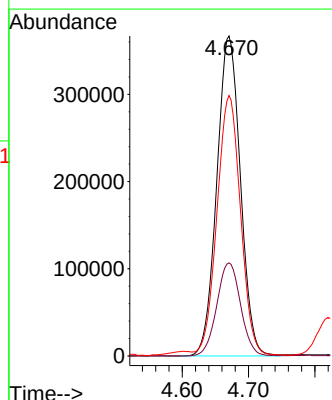
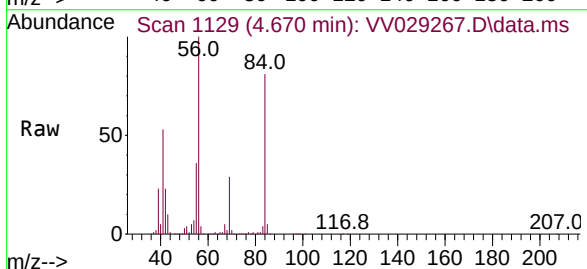
Tgt Ion: 56 Resp: 907770

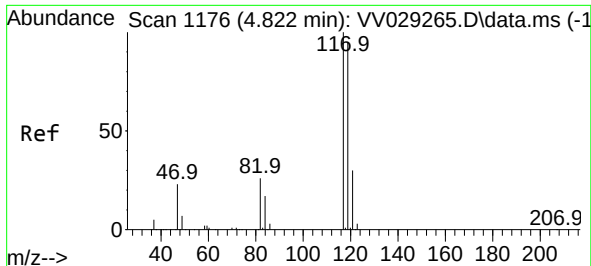
Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 81.2 64.6 97.0

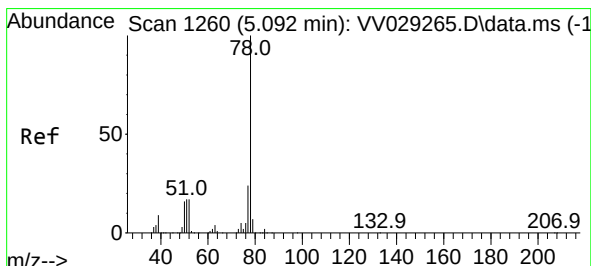
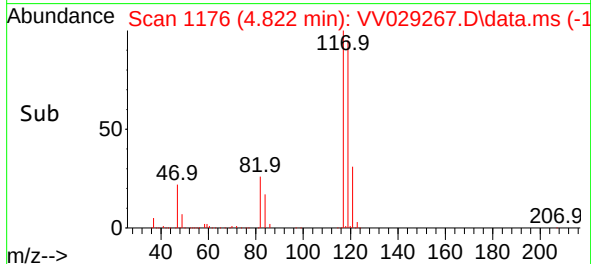
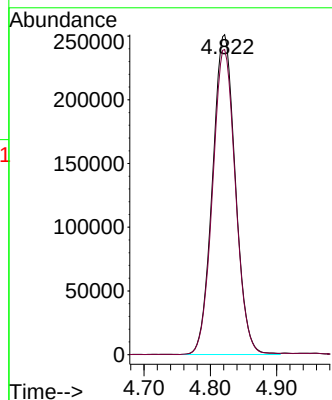
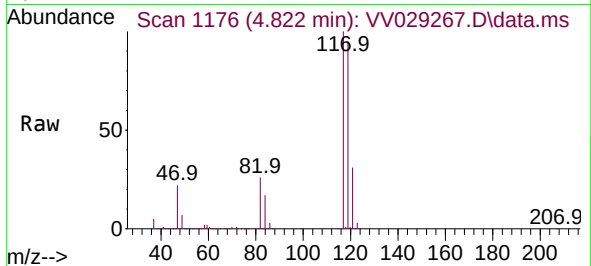




#31
Carbon tetrachloride
Concen: 20.785 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

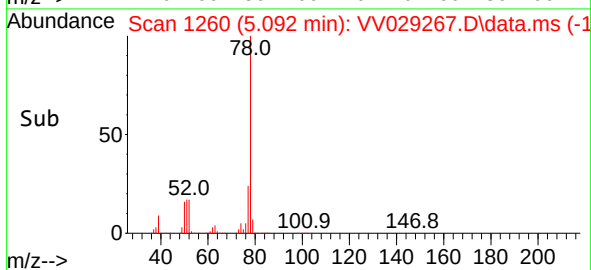
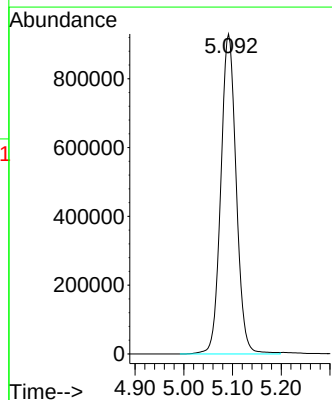
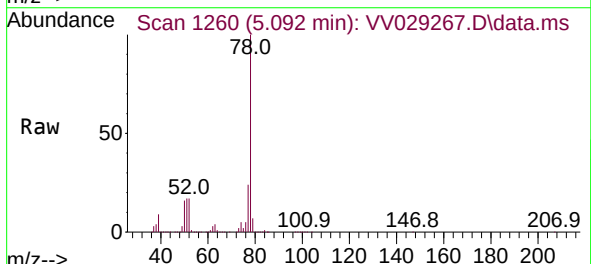
Instrument :
MSVOA_V
ClientSampleId :

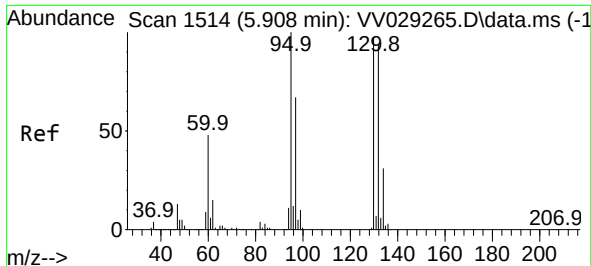
Tgt Ion:117 Resp: 600504
Ion Ratio Lower Upper
117 100
119 95.5 75.1 112.7



#33
Benzene
Concen: 20.499 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

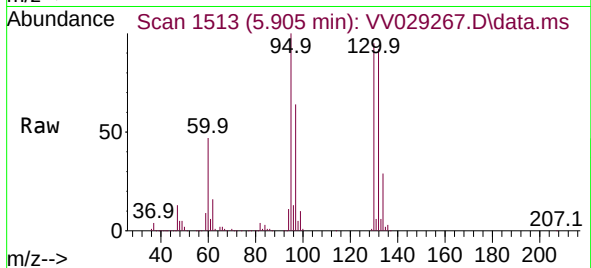
Tgt Ion: 78 Resp: 2042552



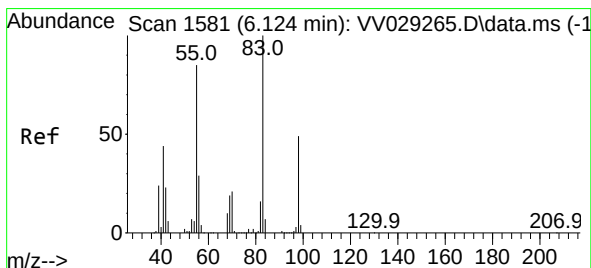
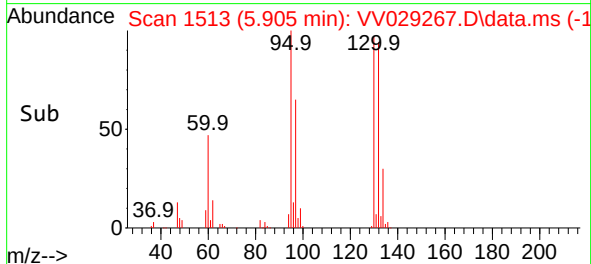
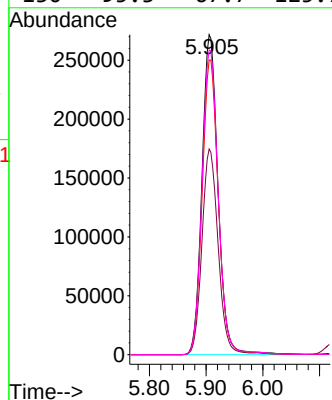


#34
Trichloroethene
Concen: 20.418 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Instrument :
MSVOA_V
ClientSampleId :

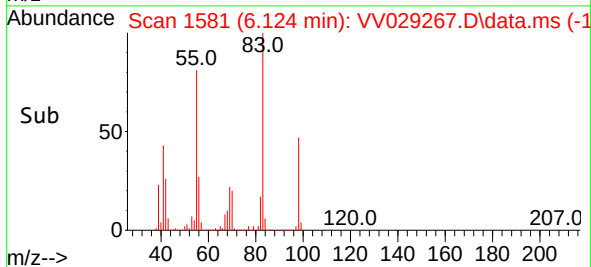
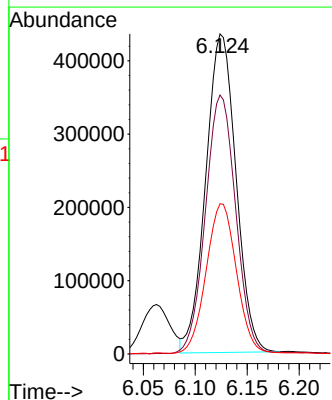
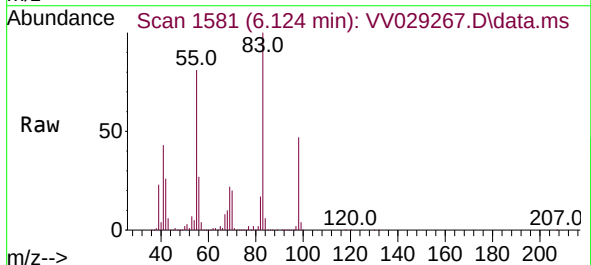


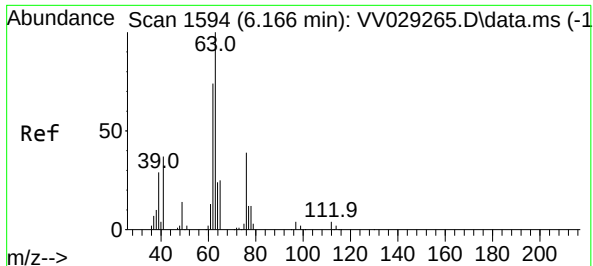
Tgt Ion: 95 Resp: 535360
Ion Ratio Lower Upper
95 100
97 64.2 46.7 86.7
132 92.1 65.7 122.1
130 95.3 67.7 125.7



#35
Methylcyclohexane
Concen: 20.818 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion: 83 Resp: 882329
Ion Ratio Lower Upper
83 100
55 81.8 65.7 98.5
98 47.0 37.7 56.5





#37

1,2-Dichloropropane

Concen: 20.257 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

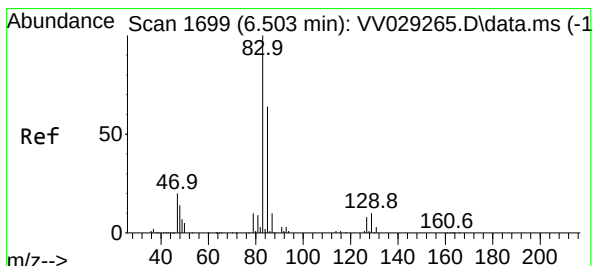
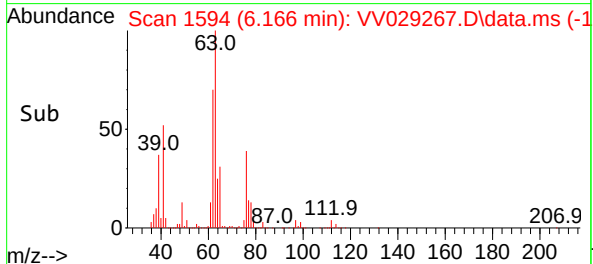
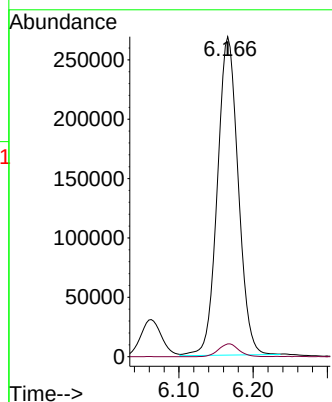
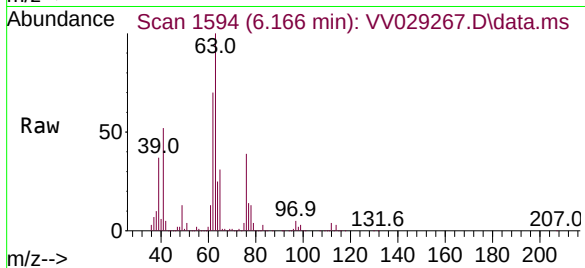
ClientSampleId :

Tgt Ion: 63 Resp: 523337

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 21.158 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

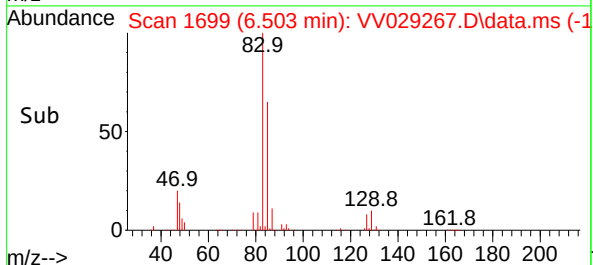
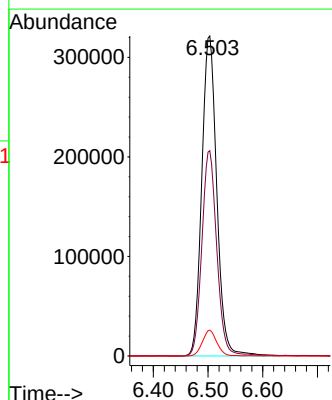
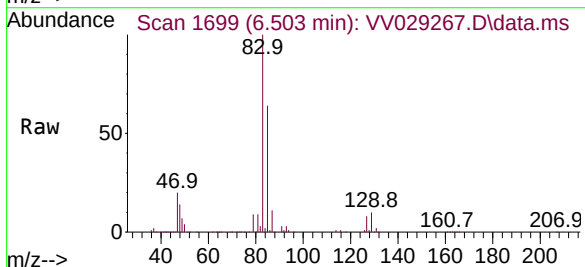
Tgt Ion: 83 Resp: 611638

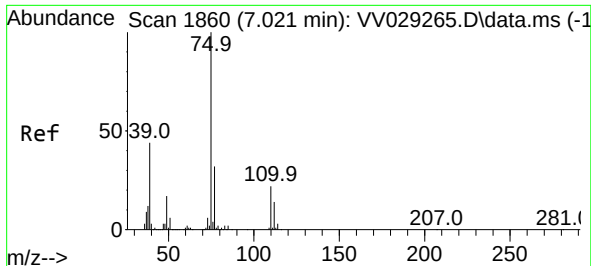
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 22.008 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.003 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

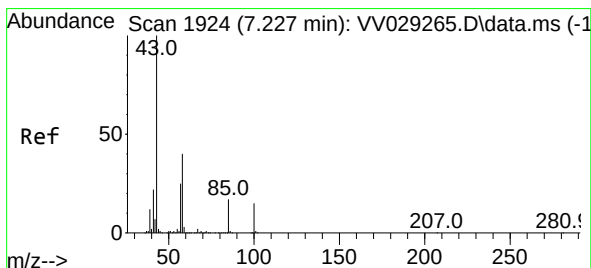
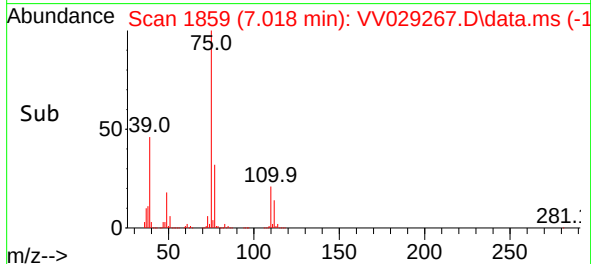
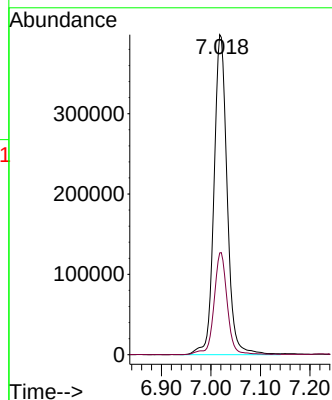
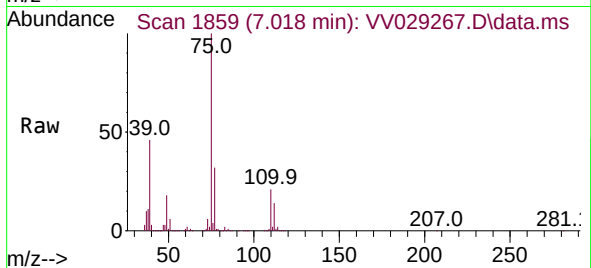
ClientSampleId :

Tgt Ion: 75 Resp: 736105

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 212.883 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

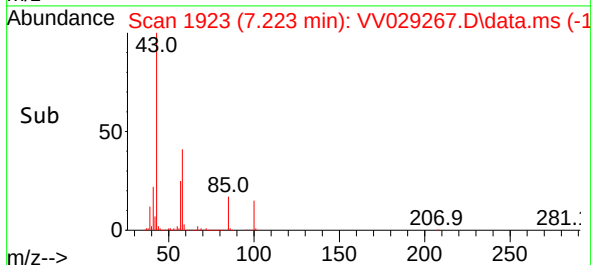
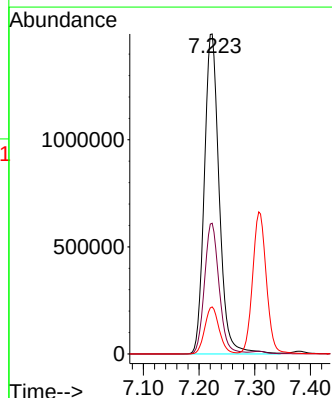
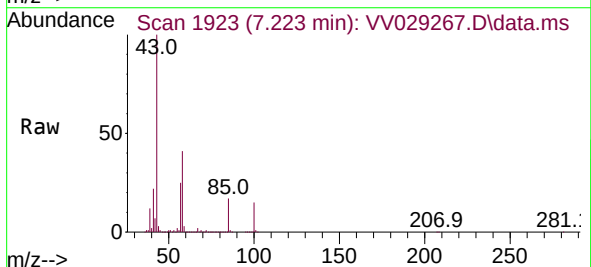
Tgt Ion: 43 Resp: 2776846

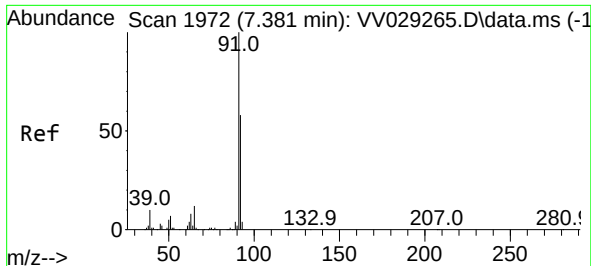
Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.8

100 14.3 11.0 16.6

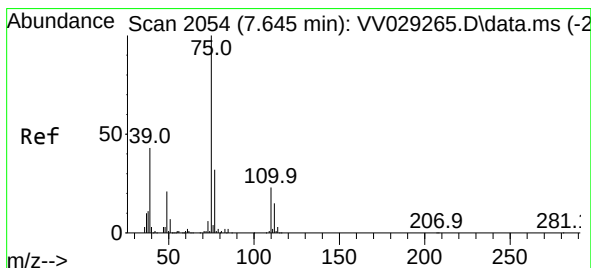
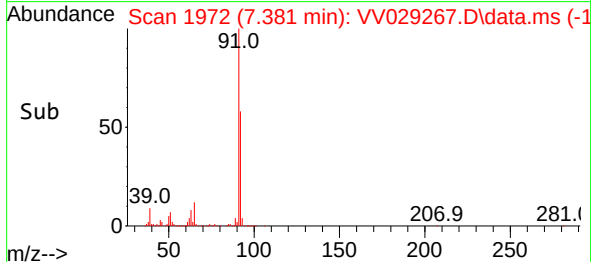
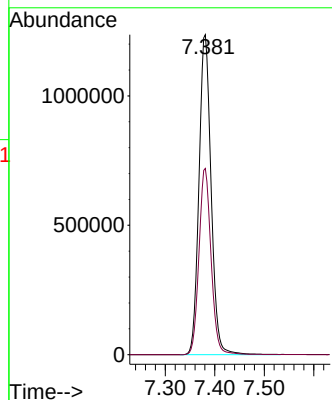
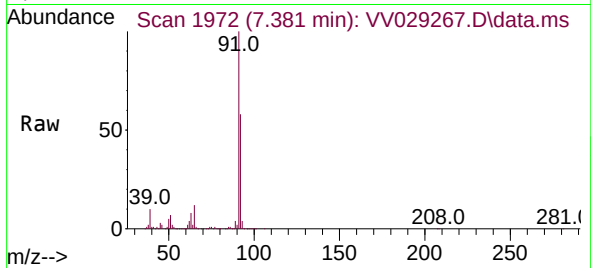




#42
Toluene
Concen: 20.633 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

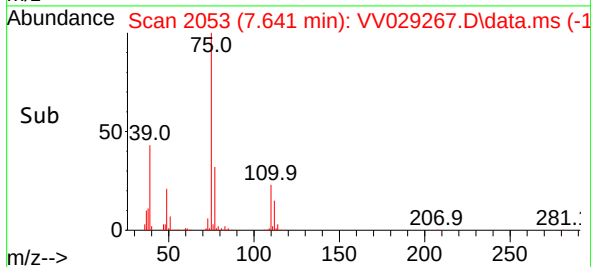
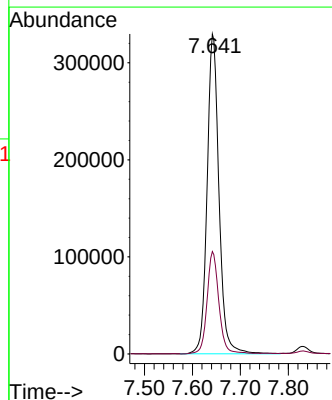
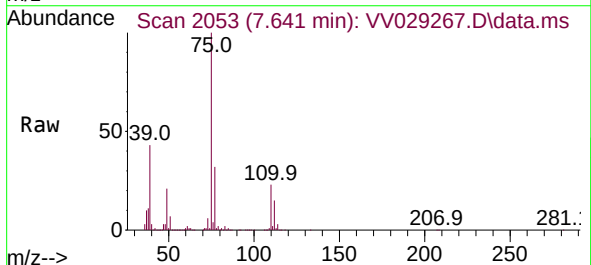
Instrument :
MSVOA_V
ClientSampleId :

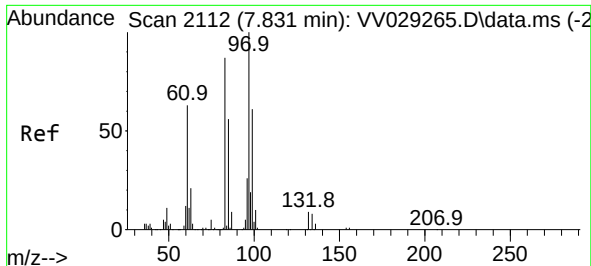
Tgt Ion: 91 Resp: 2113712
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 21.966 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion: 75 Resp: 565984
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 20.477 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 313928

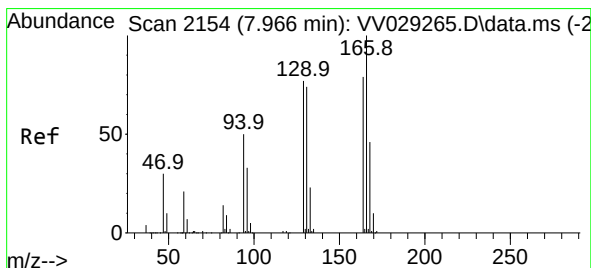
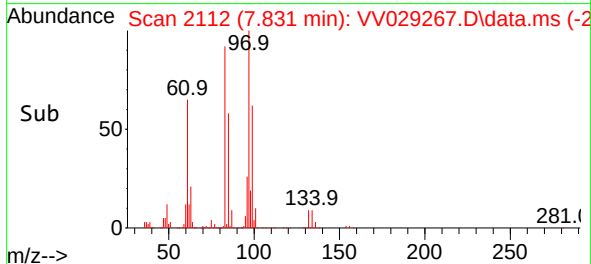
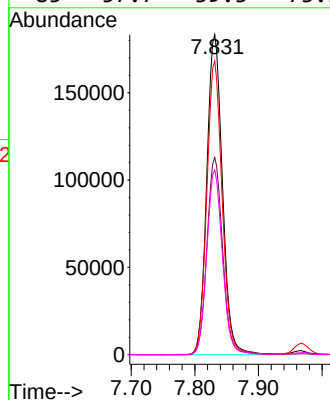
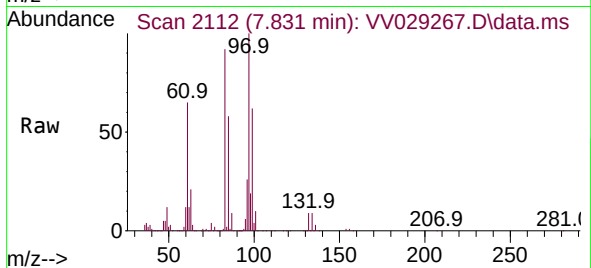
Ion Ratio Lower Upper

97 100

99 61.6 42.8 79.6

83 91.8 61.4 114.0

85 57.7 39.3 73.1



#47

Tetrachloroethene

Concen: 20.882 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Tgt Ion:164 Resp: 359563

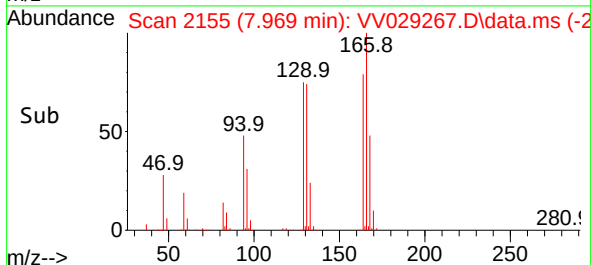
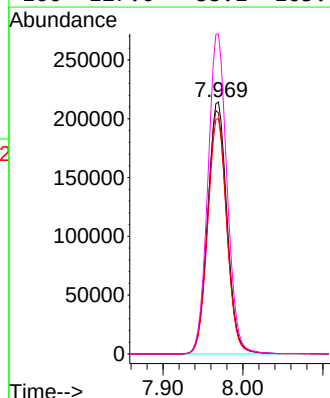
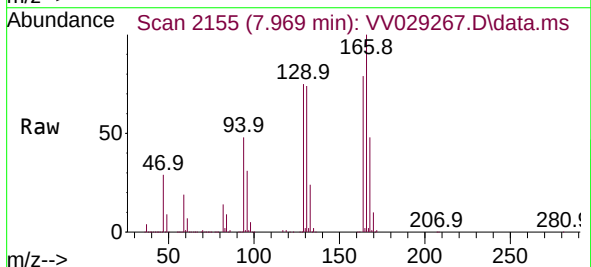
Ion Ratio Lower Upper

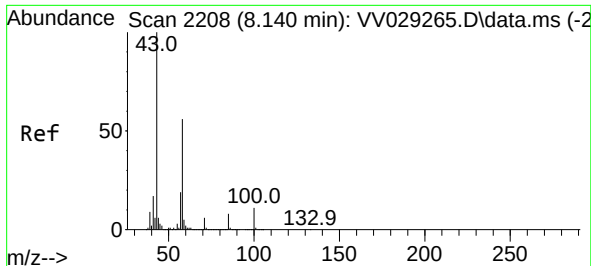
164 100

129 95.7 68.3 126.8

131 93.5 65.2 121.0

166 127.0 88.1 163.7



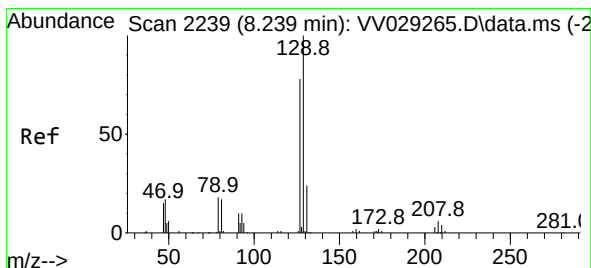
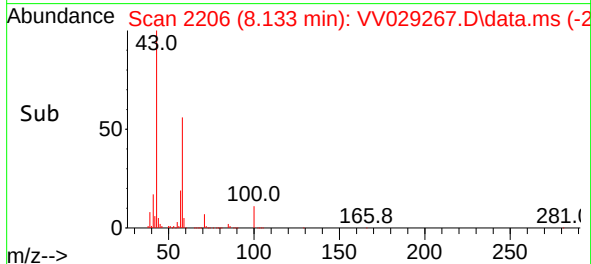
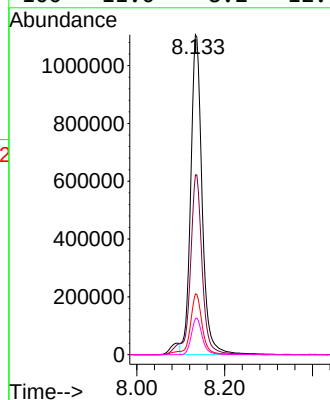
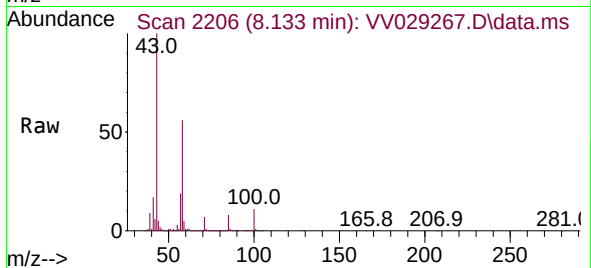


#48
2-Hexanone
Concen: 198.920 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1995392

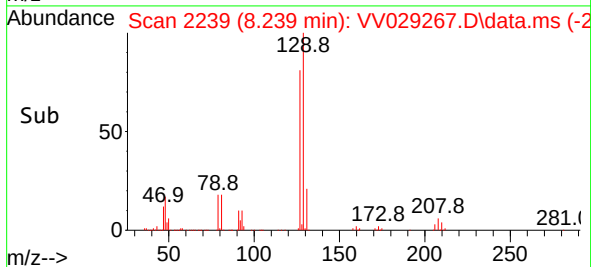
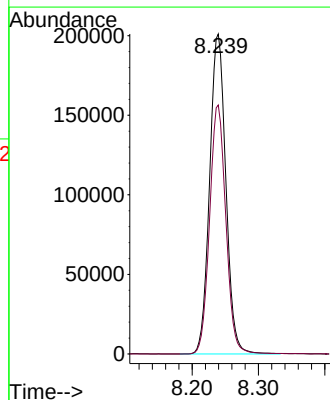
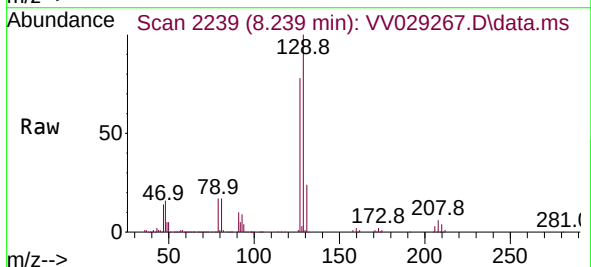
Ion	Ratio	Lower	Upper
43	100		
58	59.1	45.3	67.9
57	20.1	15.4	23.2
100	11.0	8.2	12.4

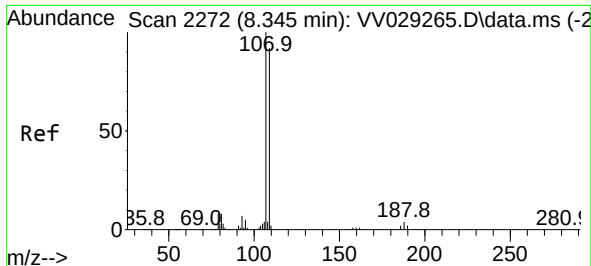


#49
Dibromochloromethane
Concen: 21.333 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion:129 Resp: 341826

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.7	101.5





#50

1,2-Dibromoethane

Concen: 20.843 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

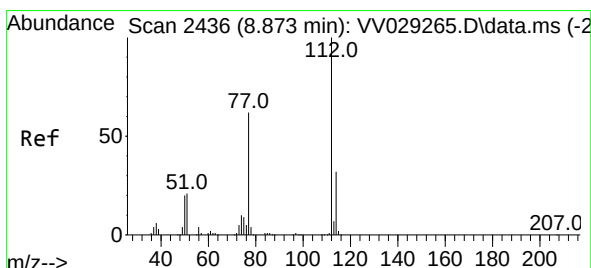
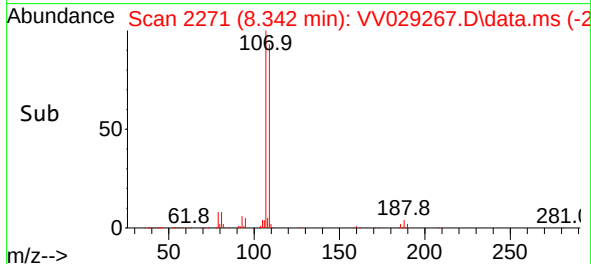
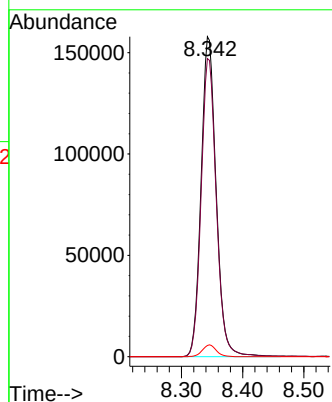
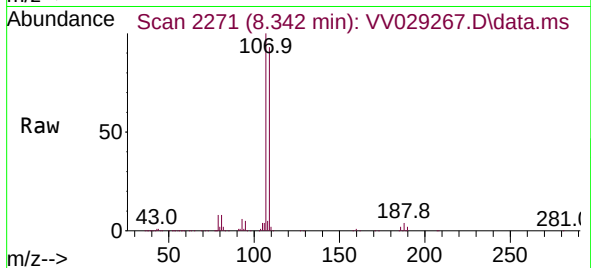
Tgt Ion:107 Resp: 270362

Ion Ratio Lower Upper

107 100

109 93.1 64.3 119.3

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 20.286 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

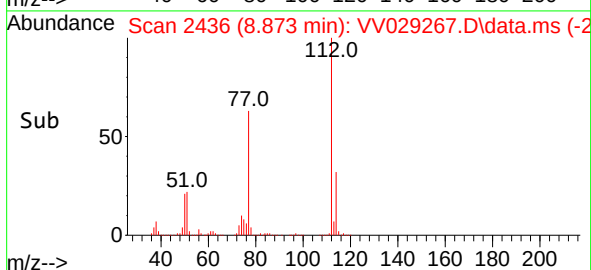
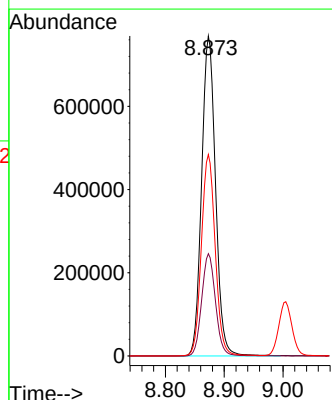
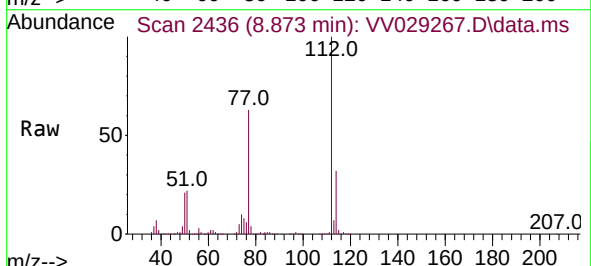
Tgt Ion:112 Resp: 1262760

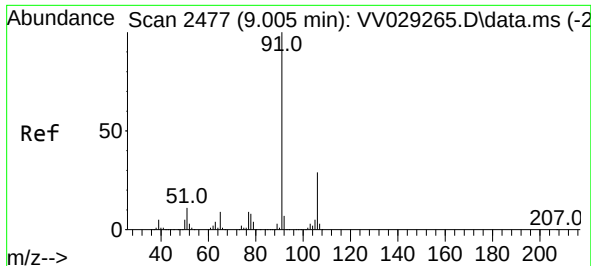
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 62.9 49.8 74.6





#52

Ethylbenzene

Concen: 20.813 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

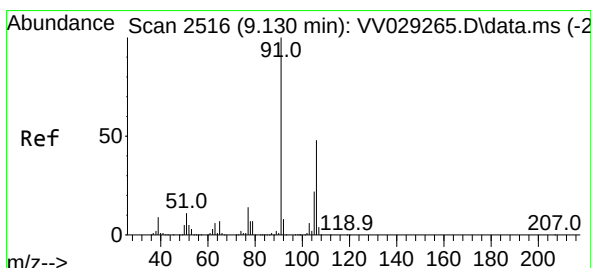
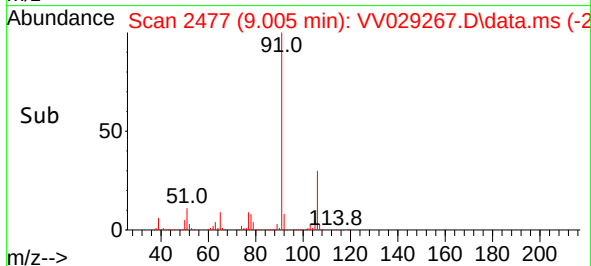
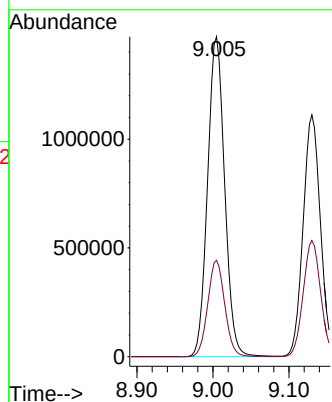
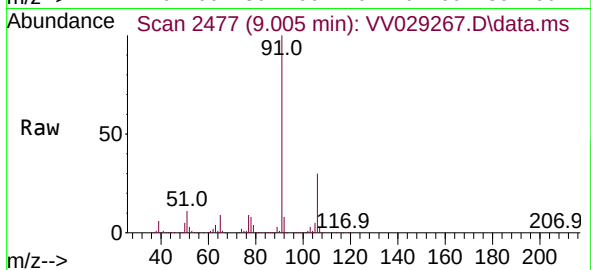
ClientSampleId :

Tgt Ion: 91 Resp: 2294604

Ion Ratio Lower Upper

91 100

106 30.2 20.6 38.4



#53

m,p-Xylene

Concen: 20.914 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029267.D

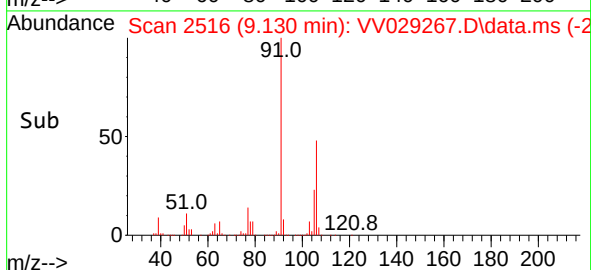
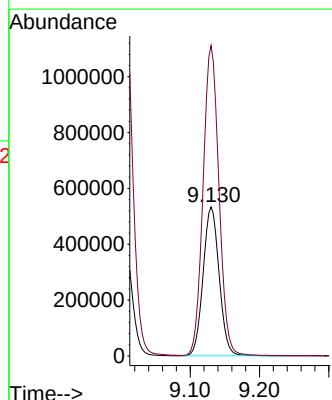
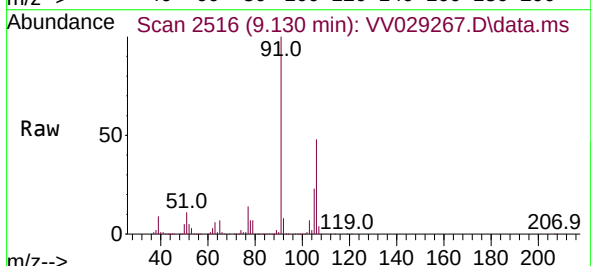
Acq: 22 Nov 2022 17:03

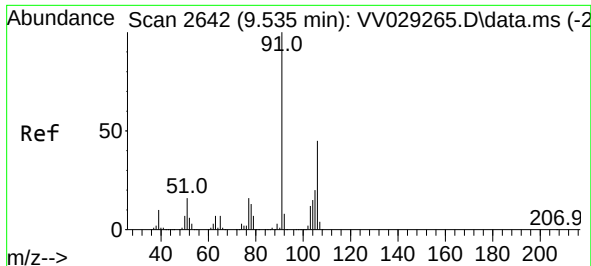
Tgt Ion:106 Resp: 855940

Ion Ratio Lower Upper

106 100

91 208.1 147.3 273.6

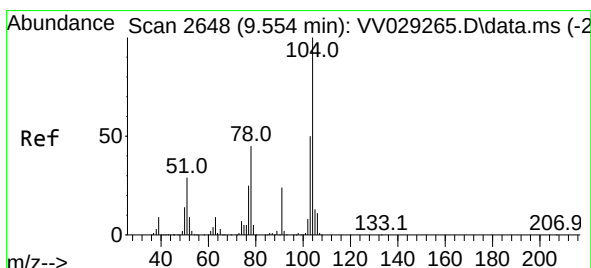
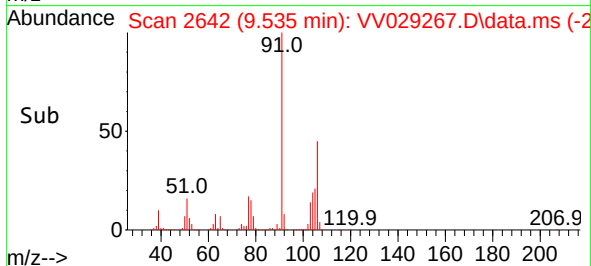
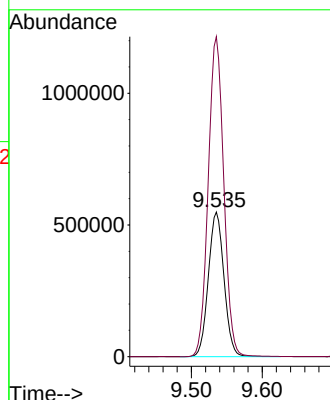
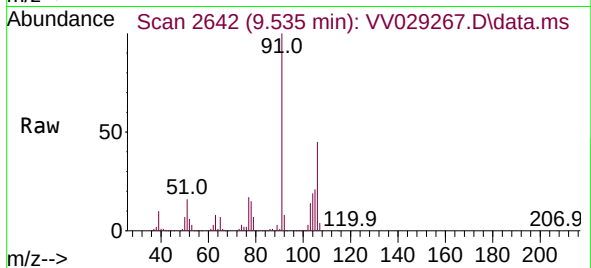




#54
o-Xylene
Concen: 20.999 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

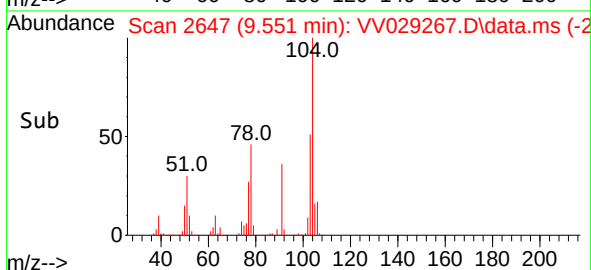
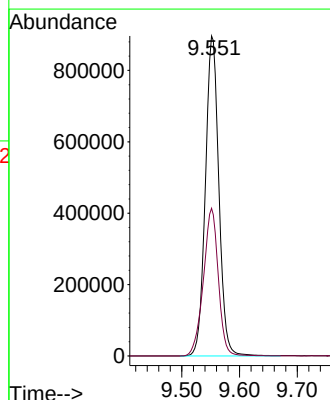
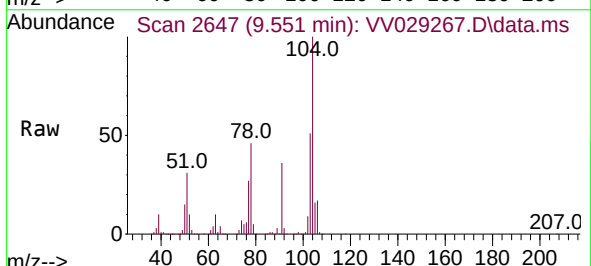
Instrument :
MSVOA_V
ClientSampleId :

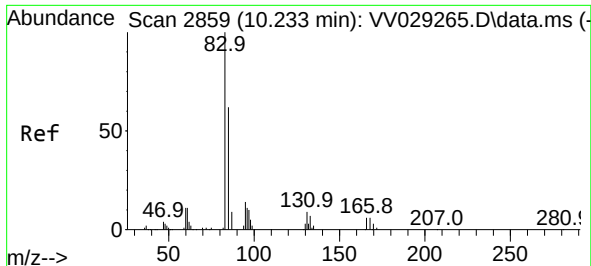
Tgt Ion:106 Resp: 840998
Ion Ratio Lower Upper
106 100
91 221.2 154.6 287.2



#55
Styrene
Concen: 21.255 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion:104 Resp: 1455610
Ion Ratio Lower Upper
104 100
78 46.2 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.515 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

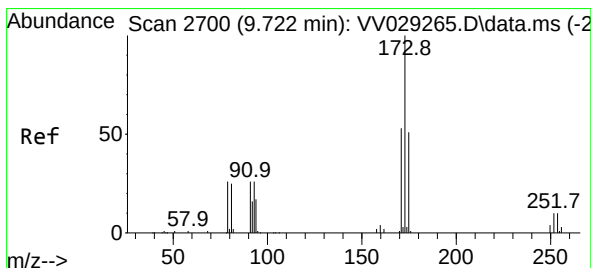
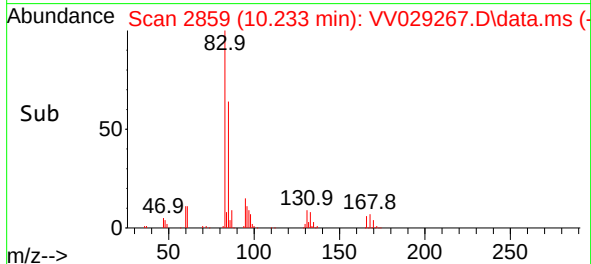
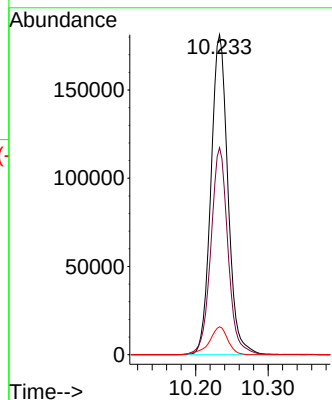
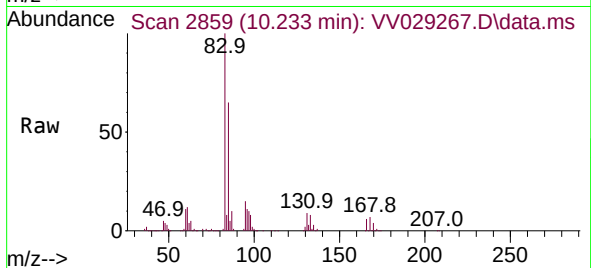
Tgt Ion: 83 Resp: 294736

Ion Ratio Lower Upper

83 100

85 64.7 43.9 81.5

131 8.7 6.9 10.3



#59

Bromoform

Concen: 21.243 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

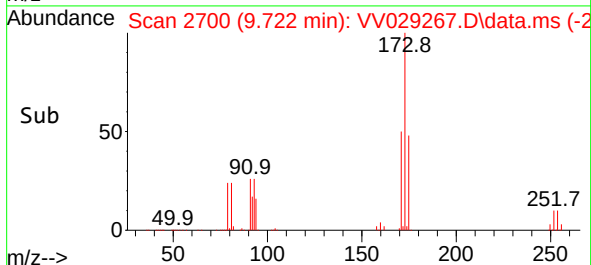
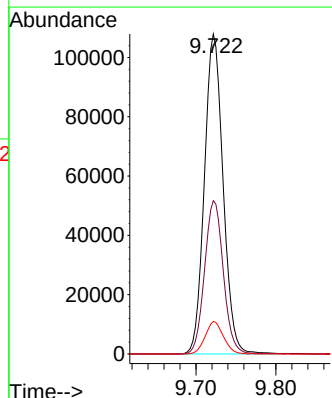
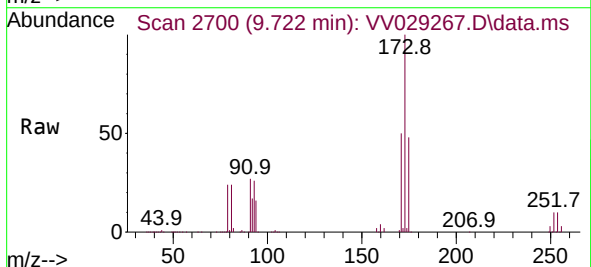
Tgt Ion: 173 Resp: 175645

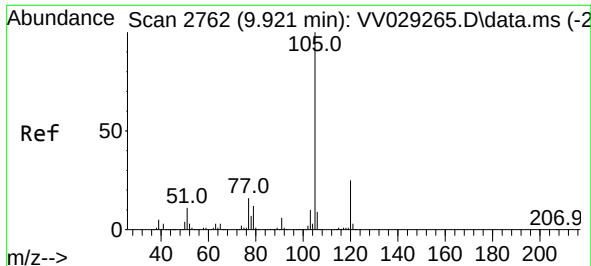
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.2

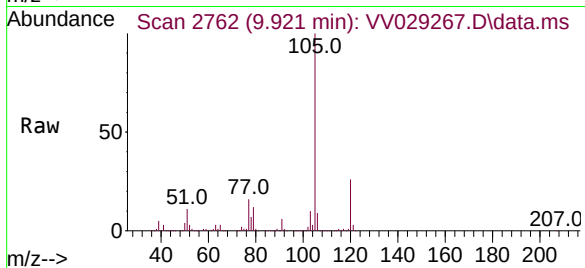
254 9.9 8.2 12.2



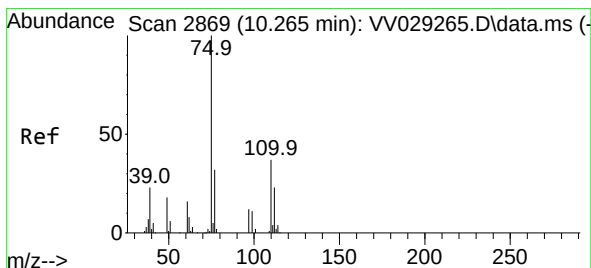
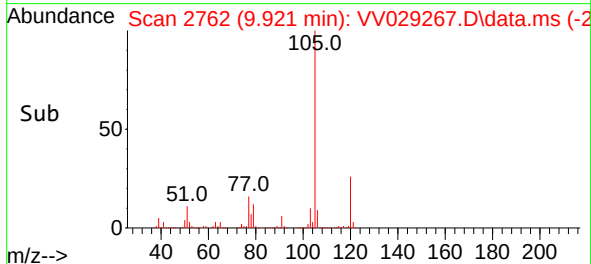
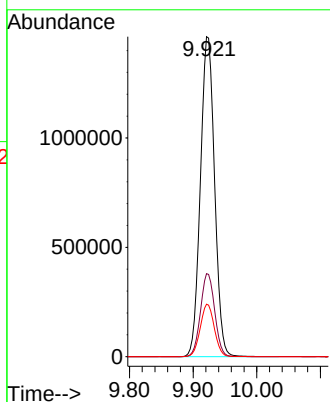


#60
Isopropylbenzene
Concen: 19.961 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Instrument :
MSVOA_V
ClientSampleId :

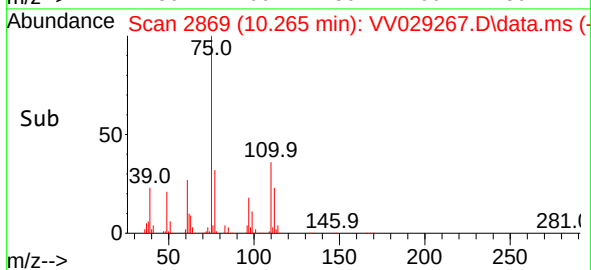
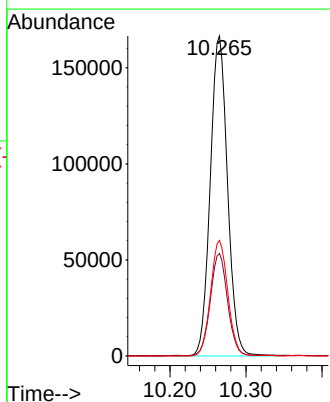
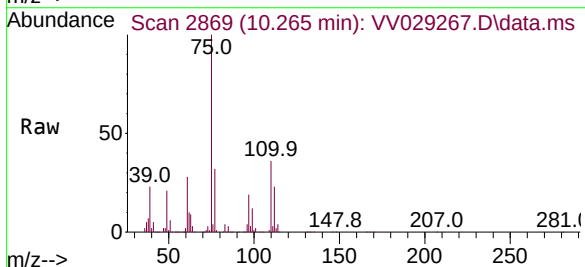


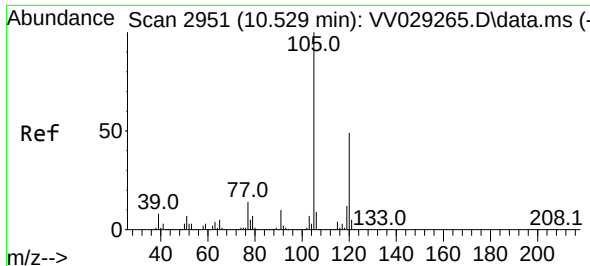
Tgt Ion:105 Resp: 2269117
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 19.496 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion: 75 Resp: 262915
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 36.0 29.6 44.4

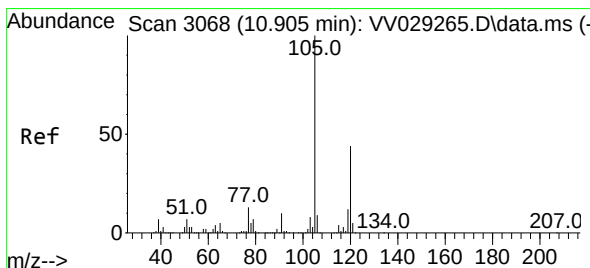
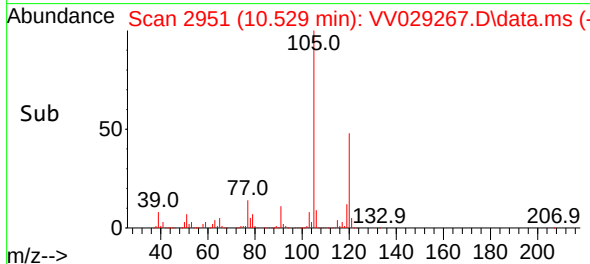
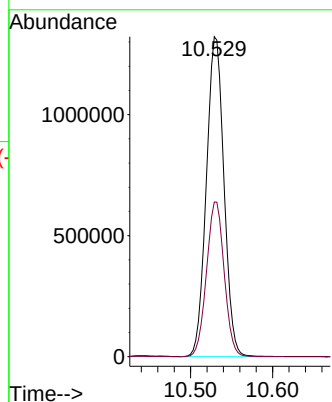
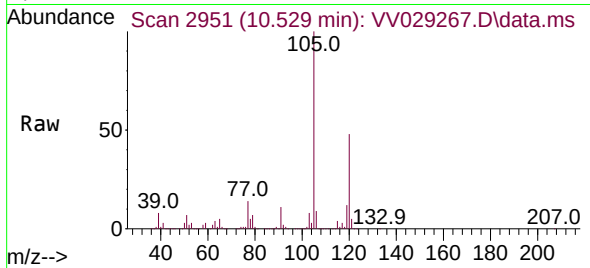




#62
 1,3,5-Trimethylbenzene
 Concen: 20.427 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

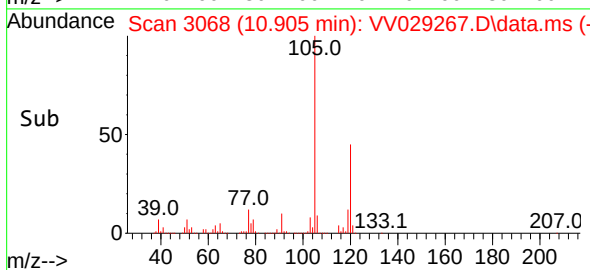
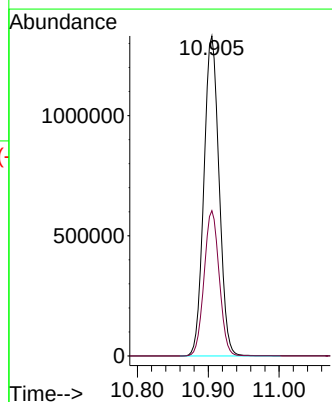
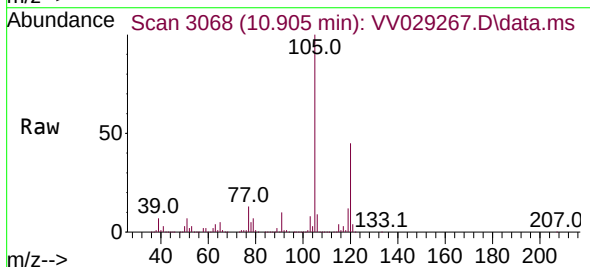
Instrument :
 MSVOA_V
 ClientSampleId :

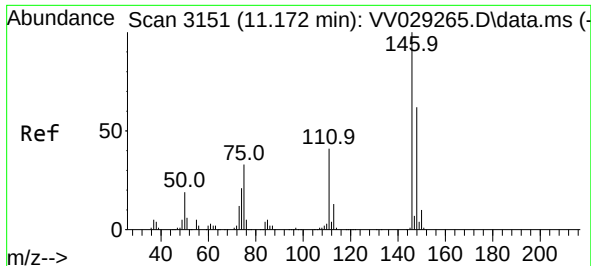
Tgt Ion:105 Resp: 1971813
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 20.643 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Tgt Ion:105 Resp: 1982127
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.6 53.4

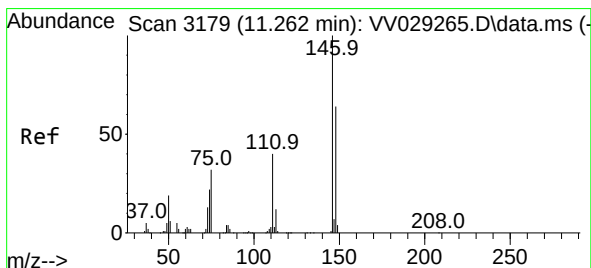
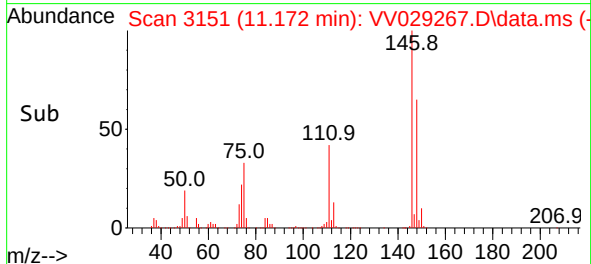
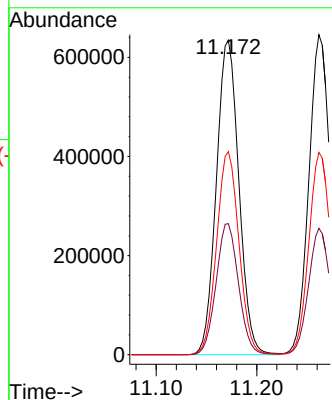
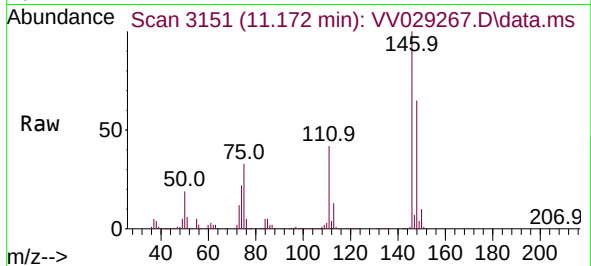




#64
1,3-Dichlorobenzene
Concen: 19.874 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

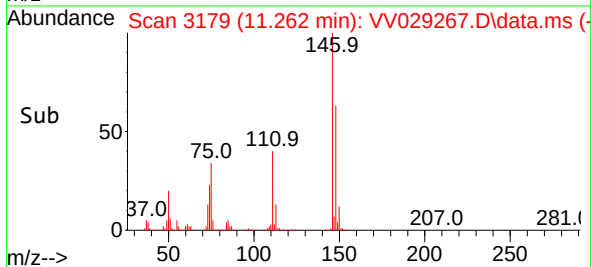
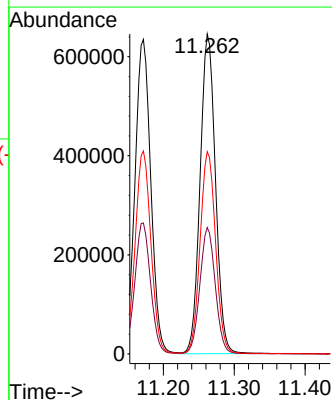
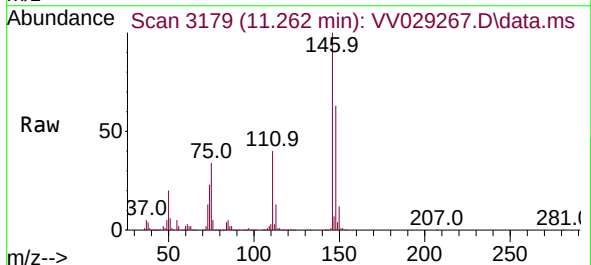
Instrument :
MSVOA_V
ClientSampleId :

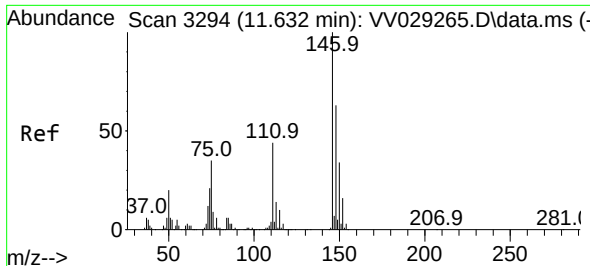
Tgt Ion:146 Resp: 988620
Ion Ratio Lower Upper
146 100
111 41.7 28.6 53.0
148 64.5 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 19.953 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029267.D
Acq: 22 Nov 2022 17:03

Tgt Ion:146 Resp: 972305
Ion Ratio Lower Upper
146 100
111 39.5 28.5 52.9
148 63.2 44.9 83.5

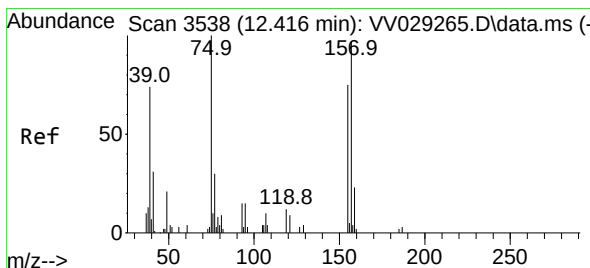
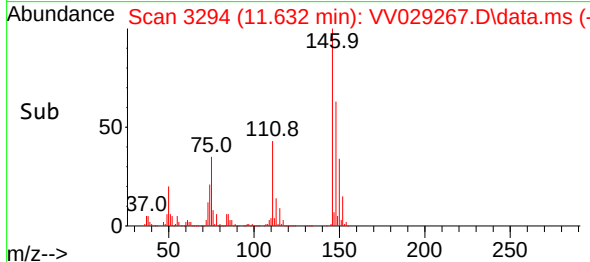
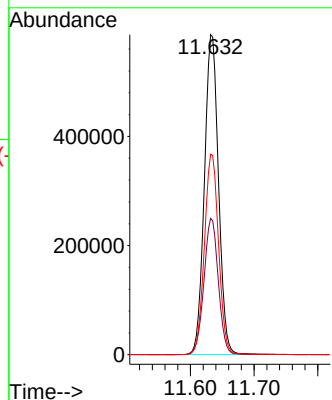
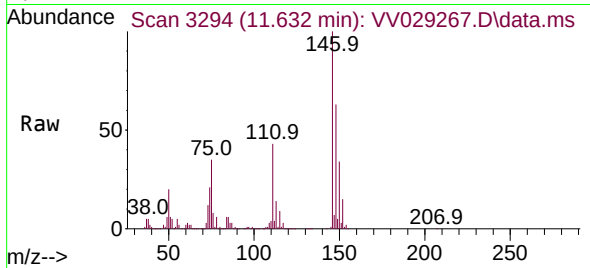




#67
 1,2-Dichlorobenzene
 Concen: 20.020 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

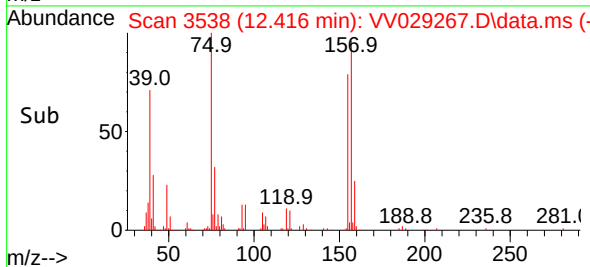
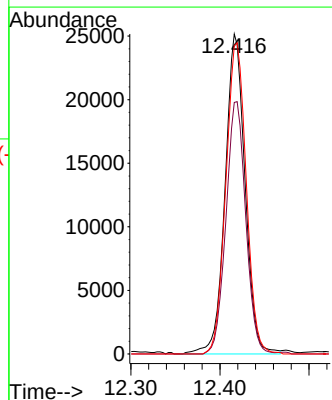
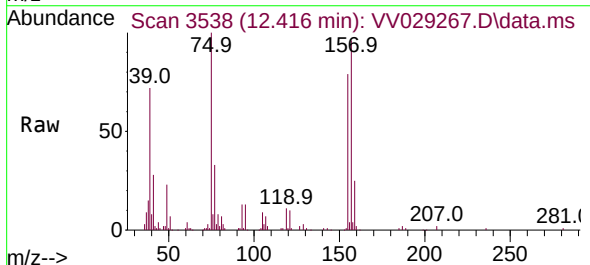
Instrument :
 MSVOA_V
 ClientSampleId :

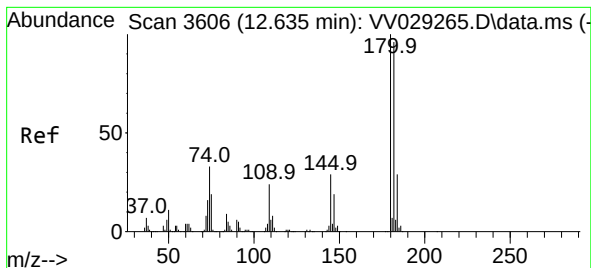
Tgt Ion:146 Resp: 902188
 Ion Ratio Lower Upper
 146 100
 111 42.6 35.6 53.4
 148 62.6 50.2 75.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 19.394 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: VV029267.D
 Acq: 22 Nov 2022 17:03

Tgt Ion: 75 Resp: 39280
 Ion Ratio Lower Upper
 75 100
 155 78.6 58.4 87.6
 157 96.3 75.5 113.3





#69

1,3,5-Trichlorobenzene

Concen: 20.066 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

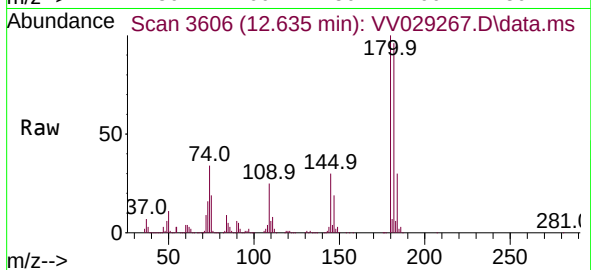
Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 777346

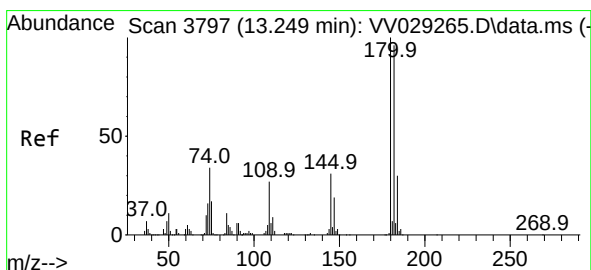
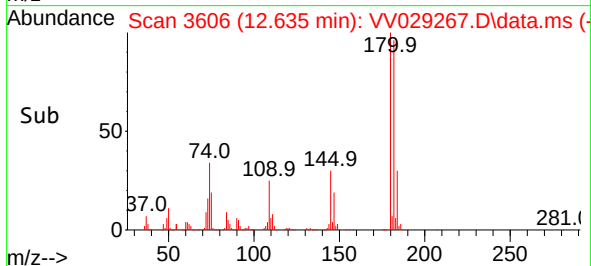
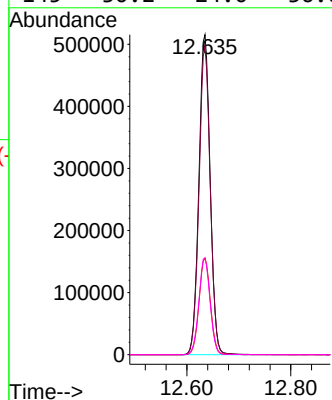
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

184 30.3 23.9 35.9

145 30.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 20.360 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

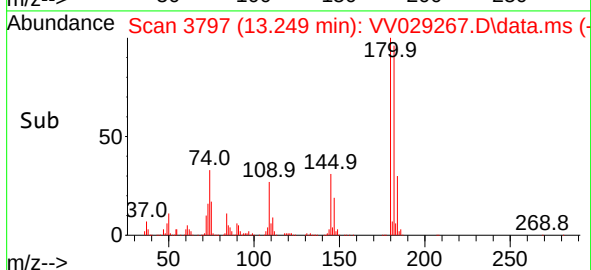
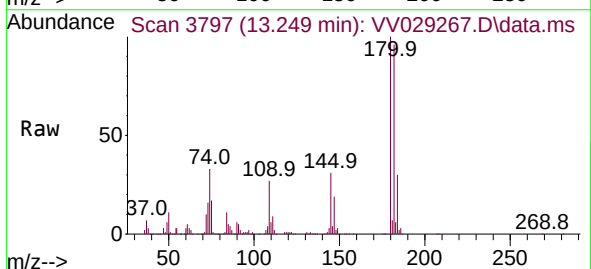
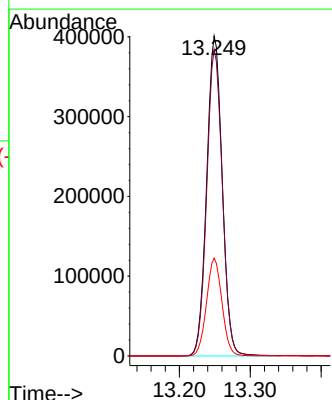
Tgt Ion:180 Resp: 612115

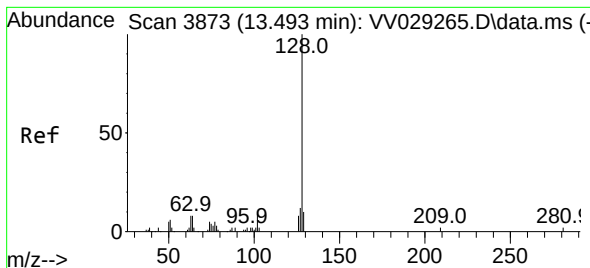
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

145 30.3 25.0 37.6





#71

Naphthalene

Concen: 11.931 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Instrument :

MSVOA_V

ClientSampleId :

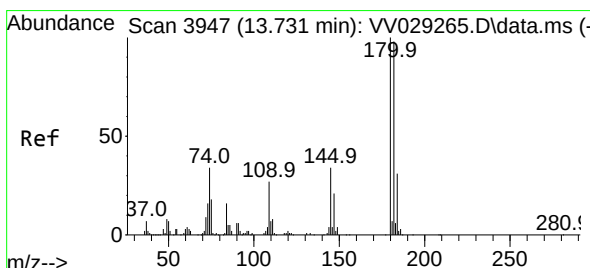
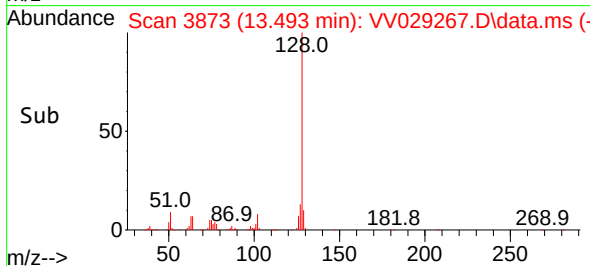
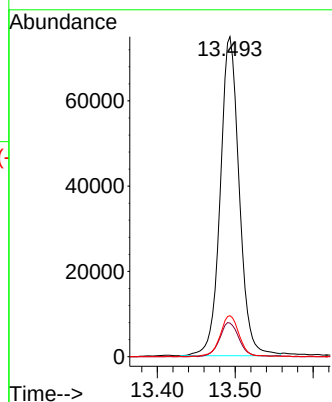
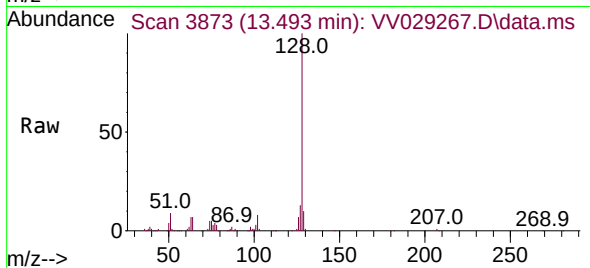
Tgt Ion:128 Resp: 126760

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.2 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 20.189 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029267.D

Acq: 22 Nov 2022 17:03

Tgt Ion:180 Resp: 488706

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 32.6 26.3 39.5

