

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033129.D
 Acq On : 06 Dec 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305186	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	309356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68461	37.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.060%
7) Chloroethane-d5	1.529	69	50890	40.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.060%
11) 1,1-Dichloroethene-d2	2.060	65	26434	38.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
21) 2-Butanone-d5	3.780	46	90958	100.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.380%
24) Chloroform-d	4.249	84	171222	44.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	4.941	65	106937	44.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	4.960	84	305962	42.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
36) 1,2-Dichloropropane-d6	5.989	67	83254	42.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.243	98	291913	42.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.580%
43) trans-1,3-Dichloroprop...	7.551	79	49726	40.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.840%
47) 2-Hexanone-d5	8.021	63	80790	103.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139447	50.426	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.860%
66) 1,2-Dichlorobenzene-d4	11.561	152	149082	44.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154249	46.239	ug/L	100
3) Chloromethane	1.214	50	104466	47.481	ug/L	97
5) Vinyl chloride	1.282	62	99333	47.076	ug/L	96
6) Bromomethane	1.484	94	66291	48.146	ug/L	97
8) Chloroethane	1.548	64	54608	48.610	ug/L	99
9) Trichlorofluoromethane	1.712	101	176949	50.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82994	50.760	ug/L	98
12) 1,1-Dichloroethene	2.069	96	77175	50.440	ug/L	95
13) Acetone	2.108	43	65403	75.605	ug/L	100
14) Carbon disulfide	2.243	76	244196	44.485	ug/L	99
15) Methyl Acetate	2.368	43	71506	49.595	ug/L	99
16) Methylene chloride	2.446	84	99866	49.292	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	95535	47.556	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	305911	50.128	ug/L	99
19) 1,1-Dichloroethane	3.111	63	161889	48.689	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	108209	50.765	ug/L	98
22) 2-Butanone	3.860	43	97773	88.814	ug/L	98
23) Bromochloromethane	4.146	128	59502	48.615	ug/L	96
25) Chloroform	4.275	83	192214	50.266	ug/L	96

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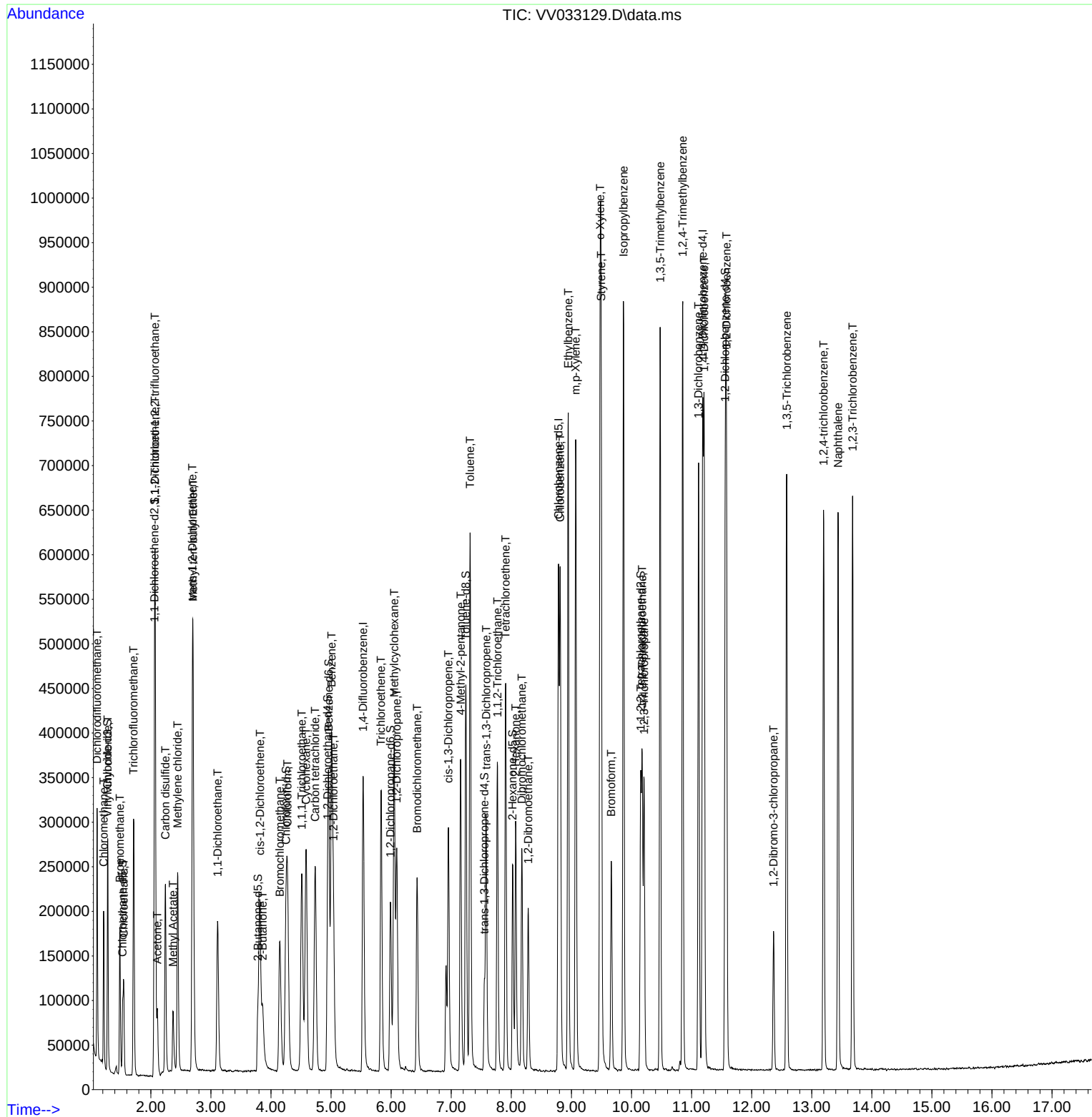
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	156533	51.803	ug/L	99
29) Cyclohexane	4.584	56	134450	47.054	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	190816	49.910	ug/L	99
31) Carbon tetrachloride	4.735	117	179627	50.530	ug/L	98
33) Benzene	5.008	78	390043	49.755	ug/L	100
34) Trichloroethene	5.831	95	107815	46.035	ug/L	96
35) Methylcyclohexane	6.050	83	162375	47.770	ug/L	100
37) 1,2-Dichloropropane	6.092	63	90069	49.645	ug/L	99
38) Bromodichloromethane	6.433	83	144162	49.288	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	157667	47.892	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	200221	103.939	ug/L	99
42) Toluene	7.313	91	443286	50.180	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	164185	49.321	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	106734	50.739	ug/L	98
46) Tetrachloroethene	7.905	164	99529	49.436	ug/L	96
48) 2-Hexanone	8.072	43	157112	98.373	ug/L	98
49) Dibromochloromethane	8.175	129	126232	50.268	ug/L	99
50) 1,2-Dibromoethane	8.281	107	112720	50.260	ug/L	96
51) Chlorobenzene	8.812	112	305031	49.103	ug/L	99
52) Ethylbenzene	8.947	91	512989	50.451	ug/L	99
53) m,p-Xylene	9.072	106	203155	50.452	ug/L	93
54) o-Xylene	9.477	106	199481	50.203	ug/L	99
55) Styrene	9.497	104	352729	51.315	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	150130	52.236	ug/L	98
59) Bromoform	9.664	173	105486	51.133	ug/L	99
60) Isopropylbenzene	9.866	105	541235	49.384	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	120839	50.984	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	433926	49.142	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	458131	49.818	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	280662	47.934	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	288114	47.370	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	281565	49.052	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	36467	50.143	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	211224	45.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	195949	45.222	ug/L	99
71) Naphthalene	13.439	128	496141	46.951	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	199000	47.595	ug/L	99

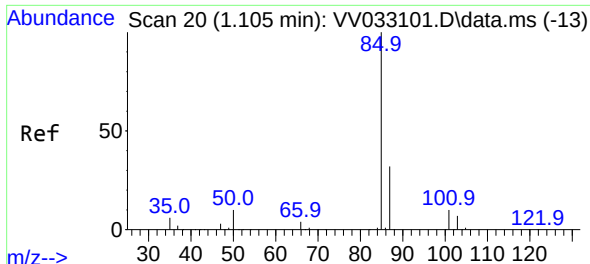
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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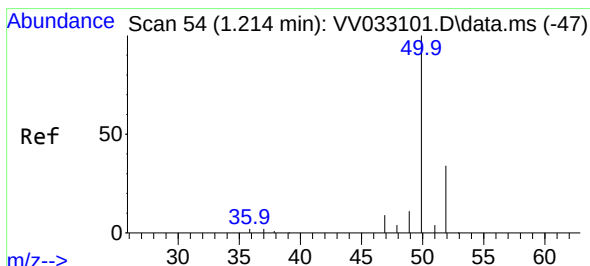
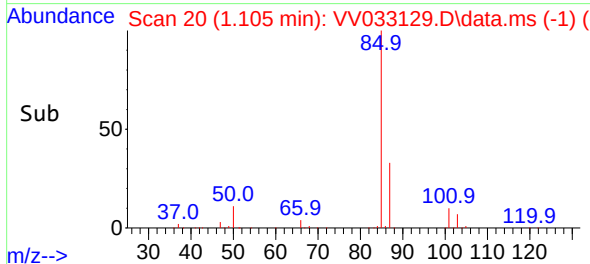
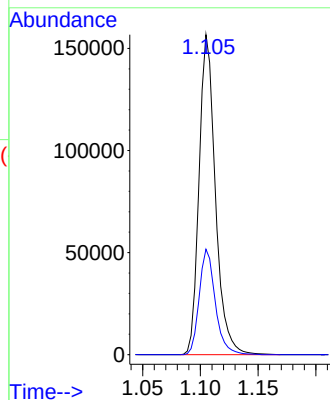
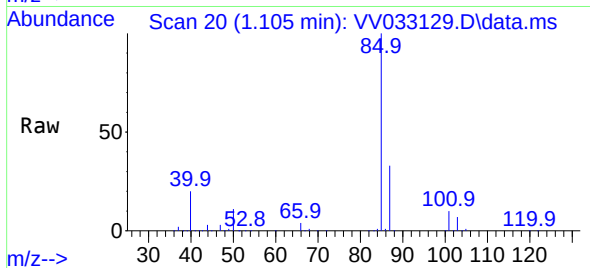




#2
Dichlorodifluoromethane
Concen: 46.239 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

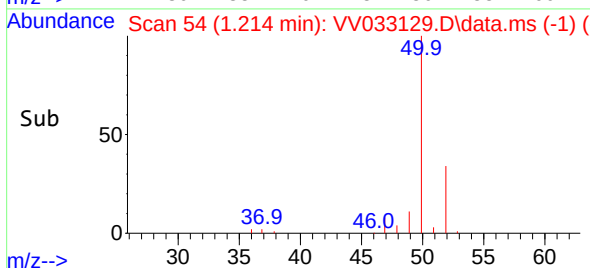
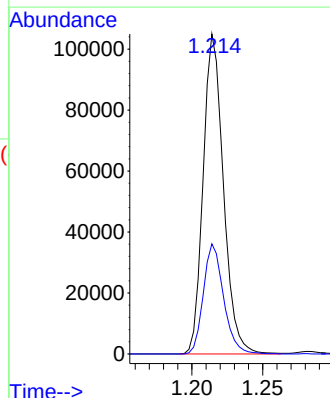
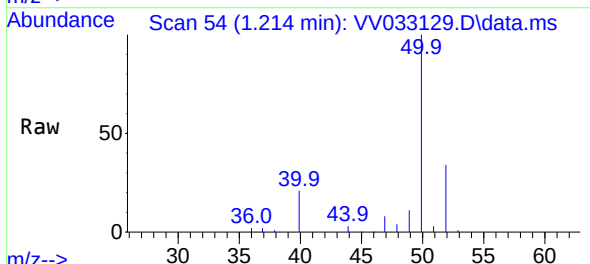
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 154249
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0

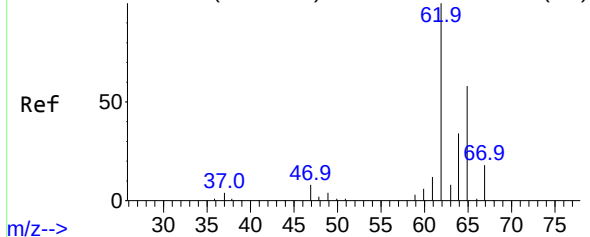


#3
Chloromethane
Concen: 47.481 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 50 Resp: 104466
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4



Abundance Scan 76 (1.285 min): VV033101.D\data.ms (-68)



#5

Vinyl chloride

Concen: 47.076 ug/L

RT: 1.282 min Scan# 70

Delta R.T. -0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

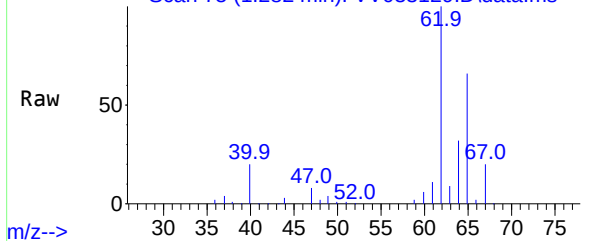
Tgt Ion: 62 Resp: 99333

Ion Ratio Lower Upper

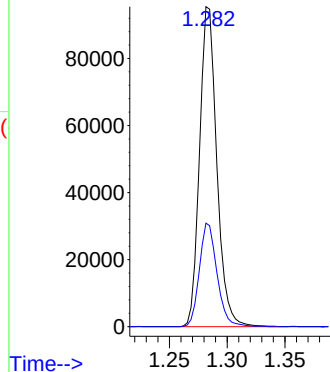
62 100

64 32.3 24.2 45.0

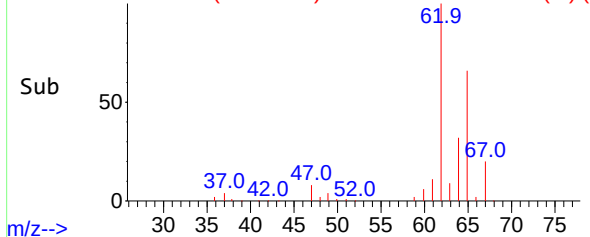
Abundance Scan 75 (1.282 min): VV033129.D\data.ms



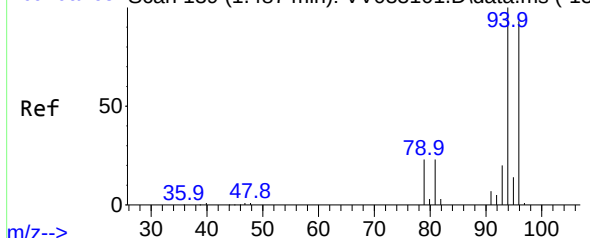
Abundance



Abundance Scan 75 (1.282 min): VV033129.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV033101.D\data.ms (-13)



#6

Bromomethane

Concen: 48.146 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

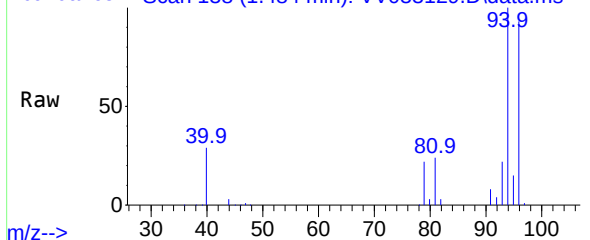
Tgt Ion: 94 Resp: 66291

Ion Ratio Lower Upper

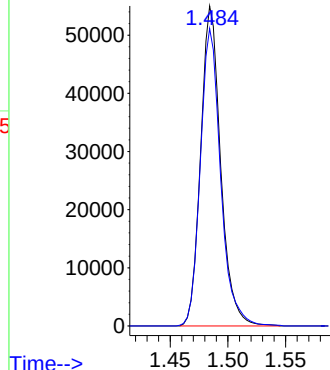
94 100

96 93.0 67.1 124.7

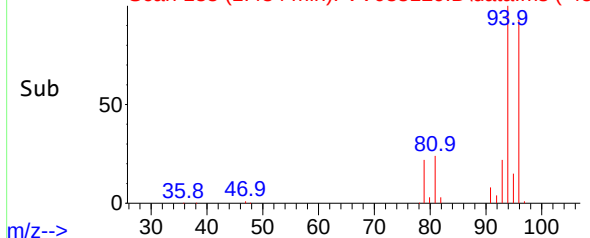
Abundance Scan 138 (1.484 min): VV033129.D\data.ms

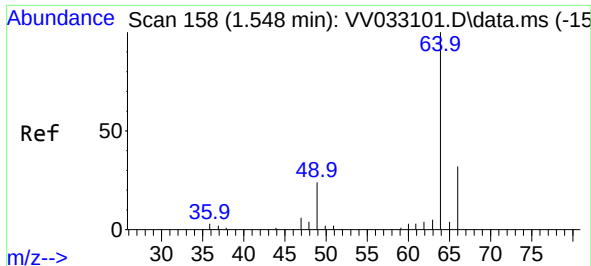


Abundance



Abundance Scan 138 (1.484 min): VV033129.D\data.ms (-45)

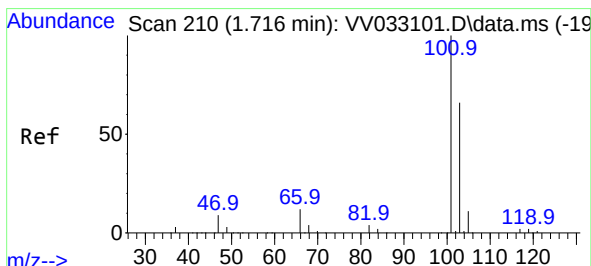
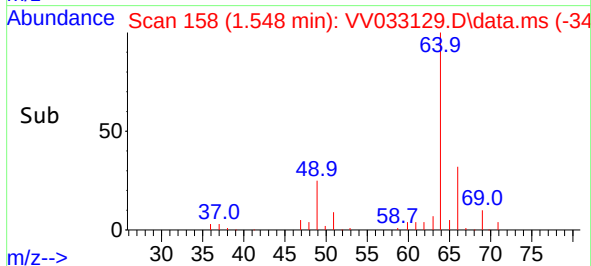
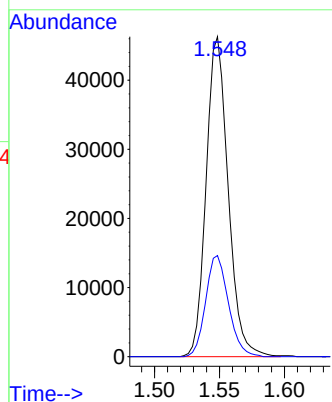
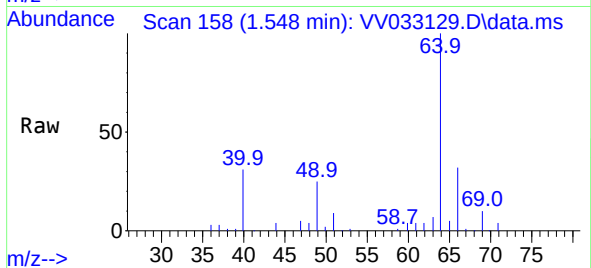




#8
Chloroethane
Concen: 48.610 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

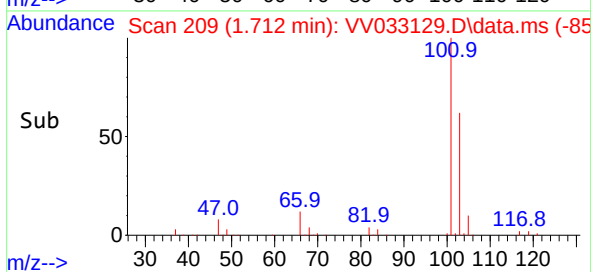
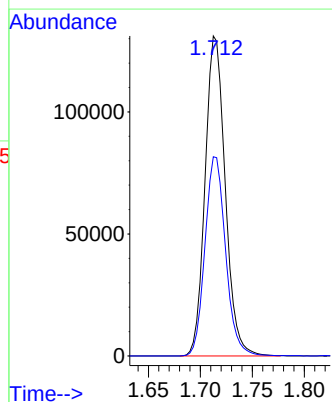
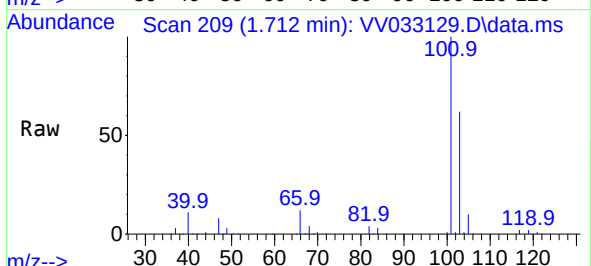
Instrument :
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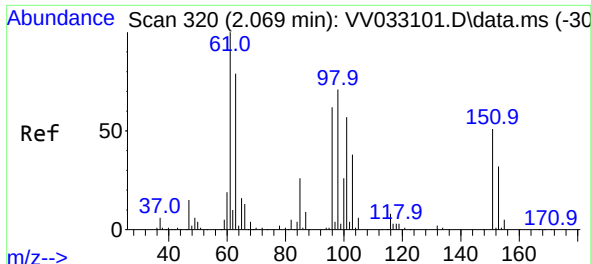
Tgt Ion: 64 Resp: 54608
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 50.821 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:101 Resp: 176949
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9

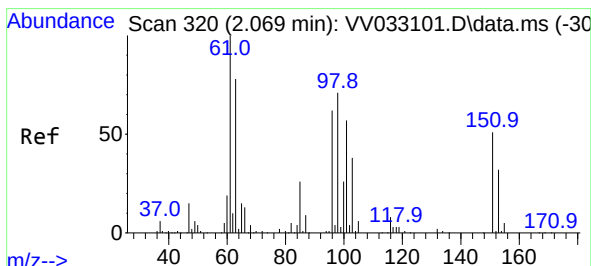
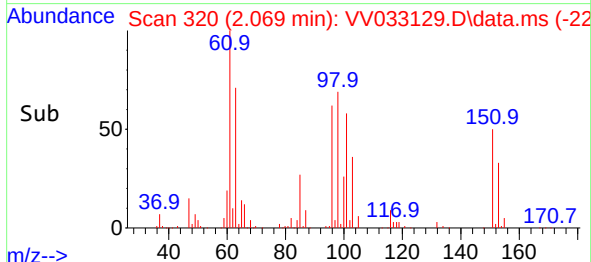
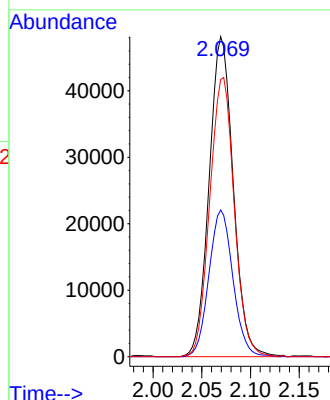
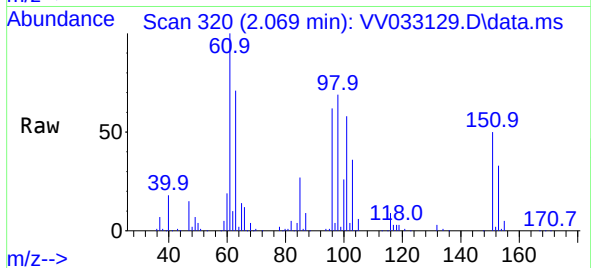




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.760 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033129.D
 Acq: 06 Dec 2023 20:09

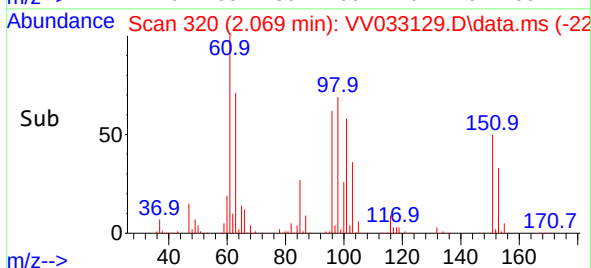
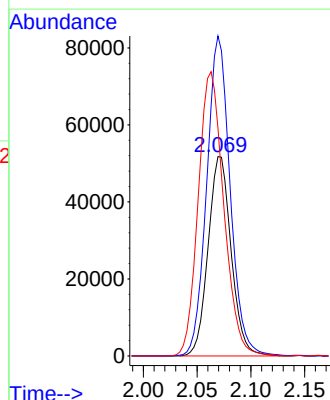
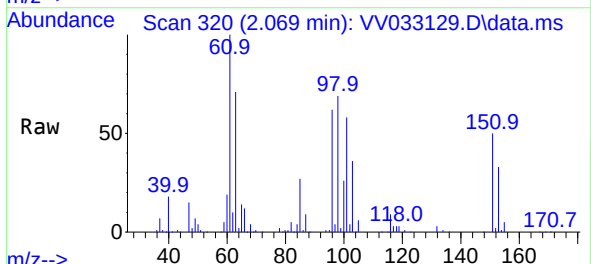
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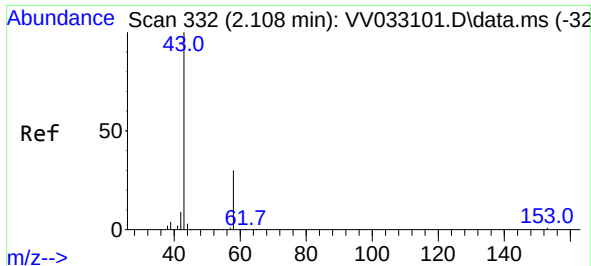
Tgt Ion:101 Resp: 82994
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.0 54.0
 151 88.3 69.1 103.7



#12
 1,1-Dichloroethene
 Concen: 50.440 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033129.D
 Acq: 06 Dec 2023 20:09

Tgt Ion: 96 Resp: 77175
 Ion Ratio Lower Upper
 96 100
 61 160.5 109.1 202.7
 63 114.2 85.3 158.3





#13

Acetone

Concen: 75.605 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

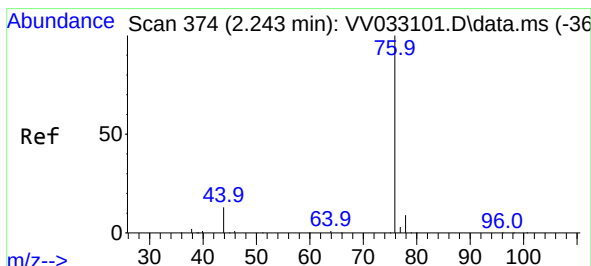
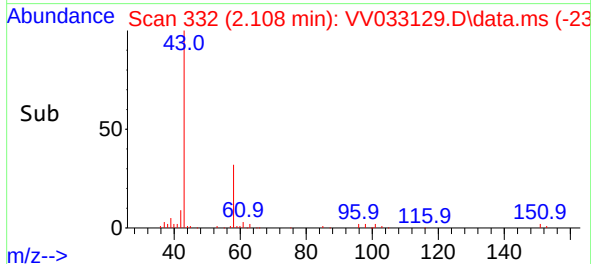
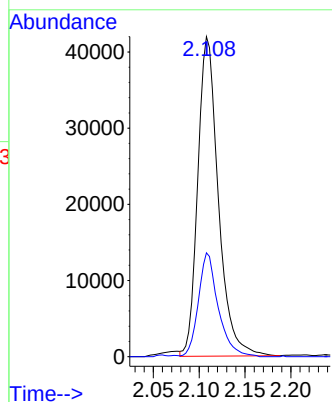
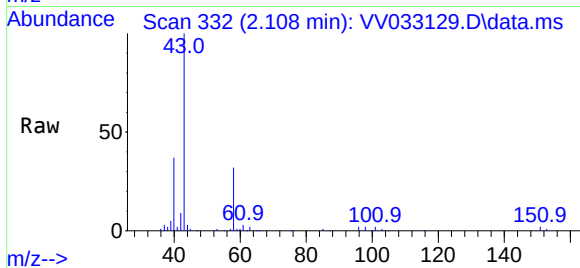
ClientSampleId :

Tgt Ion: 43 Resp: 65403

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.8



#14

Carbon disulfide

Concen: 44.485 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV033129.D

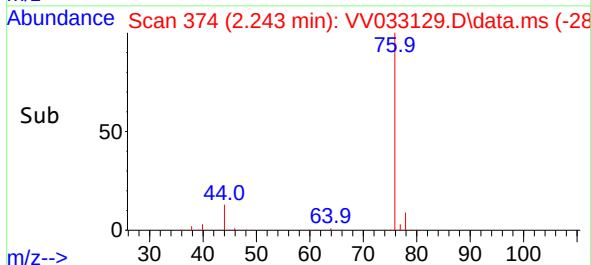
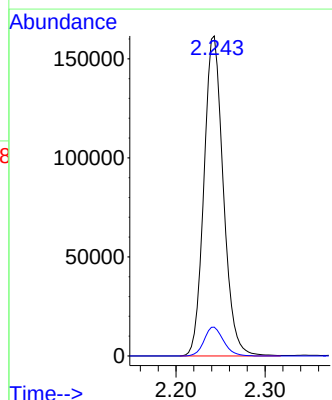
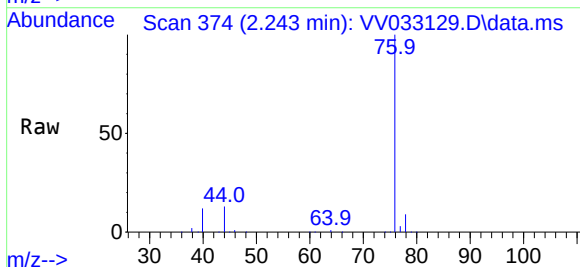
Acq: 06 Dec 2023 20:09

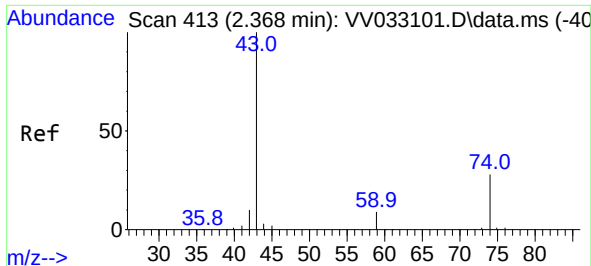
Tgt Ion: 76 Resp: 244196

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

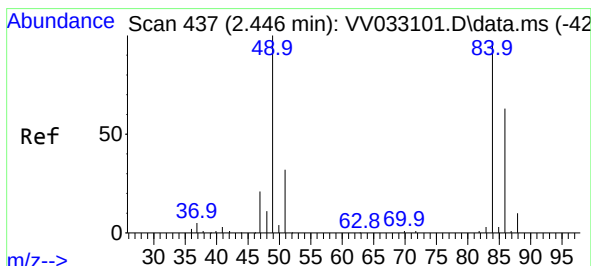
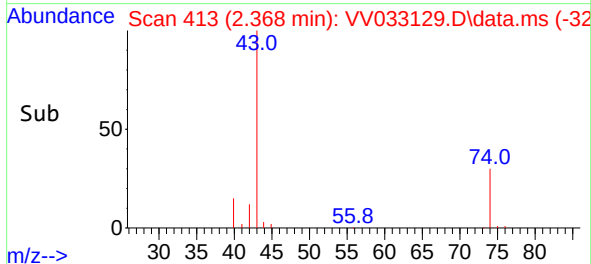
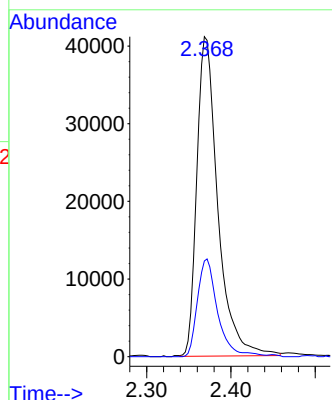
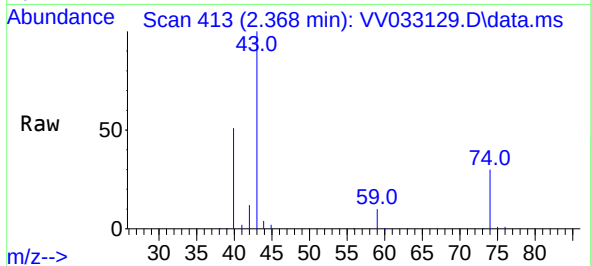




#15
Methyl Acetate
Concen: 49.595 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

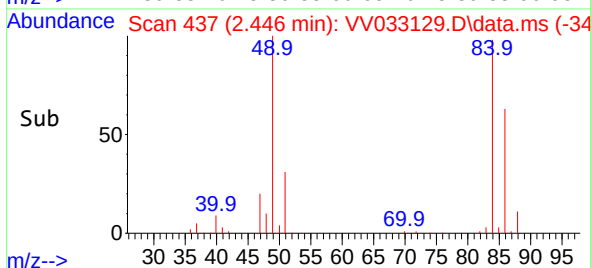
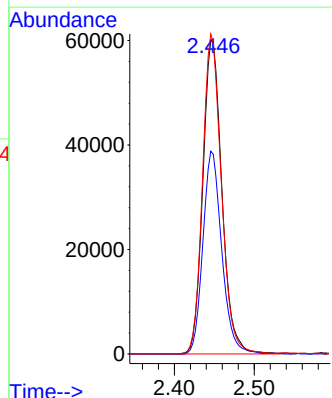
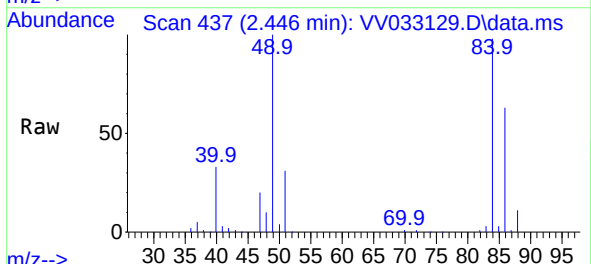
Instrument :
MSVOA_V
ClientSampleId :

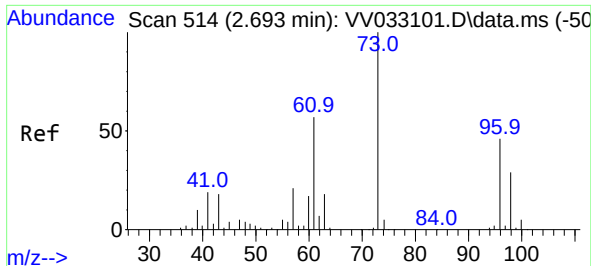
Tgt Ion: 43 Resp: 71506
Ion Ratio Lower Upper
43 100
74 28.7 22.6 33.8



#16
Methylene chloride
Concen: 49.292 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

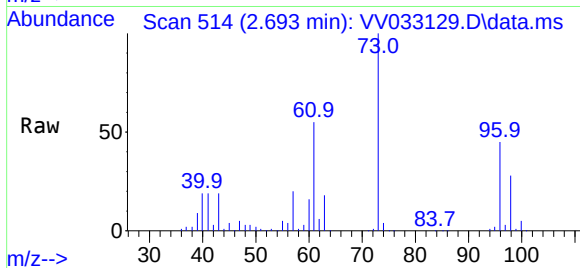
Tgt Ion: 84 Resp: 99866
Ion Ratio Lower Upper
84 100
86 64.6 45.9 85.3
49 102.0 75.5 140.1



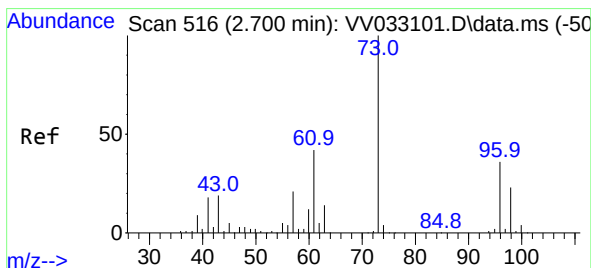
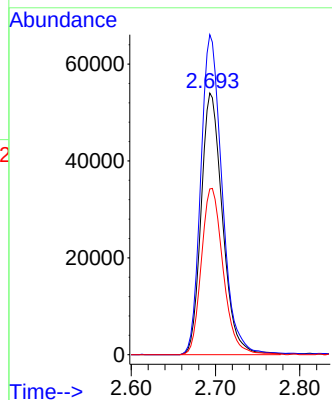
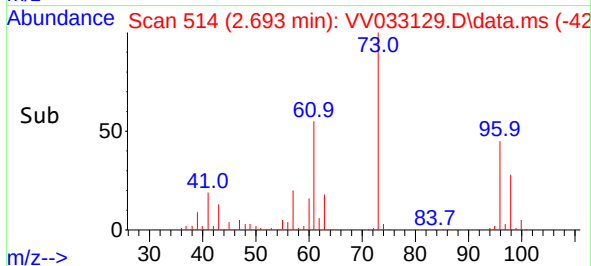


#17
trans-1,2-Dichloroethene
Concen: 47.556 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

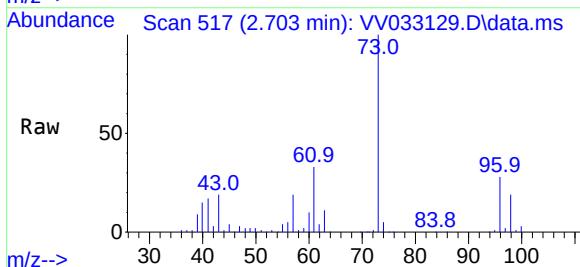
Instrument :
MSVOA_V
ClientSampleId :



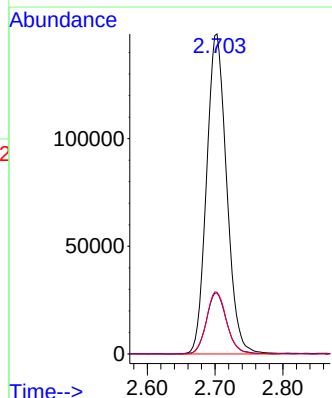
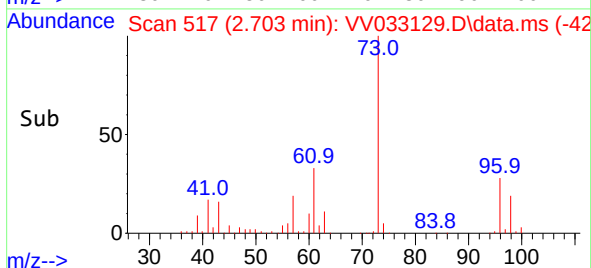
Tgt Ion: 96 Resp: 95535
Ion Ratio Lower Upper
96 100
61 122.3 86.5 160.6
98 63.4 45.1 83.7

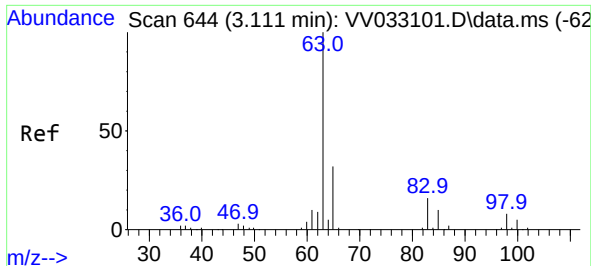


#18
Methyl tert-butyl Ether
Concen: 50.128 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09



Tgt Ion: 73 Resp: 305911
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 19.5 16.1 24.1

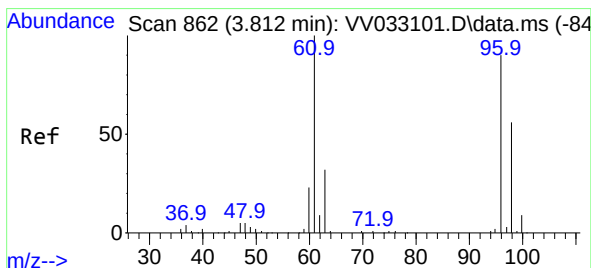
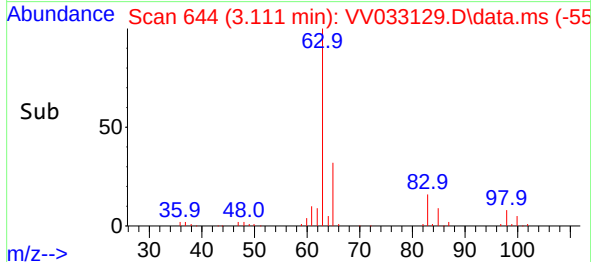
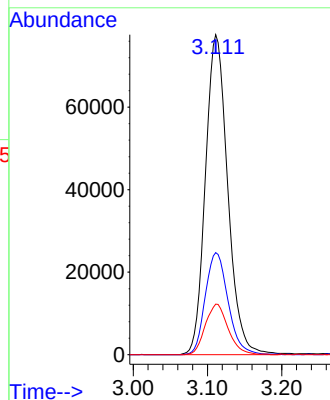
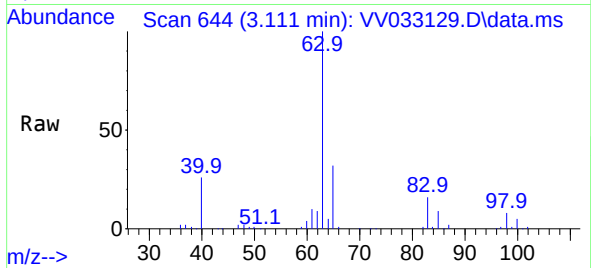




#19
1,1-Dichloroethane
Concen: 48.689 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

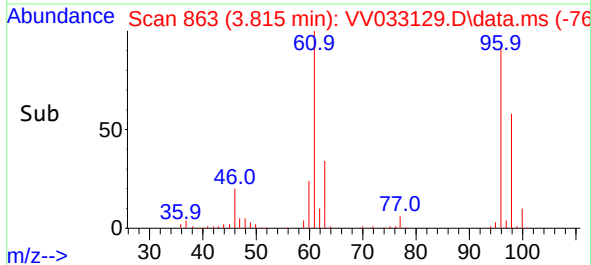
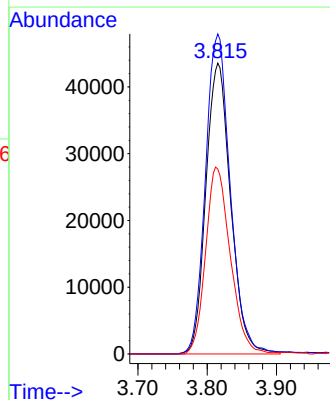
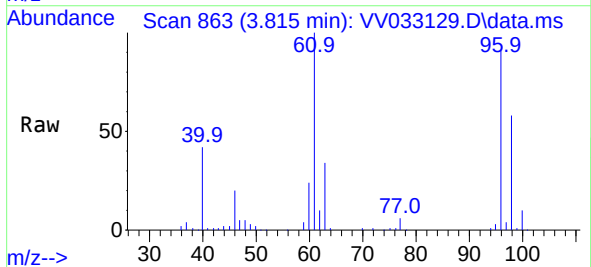
Instrument :
MSVOA_V
ClientSampleId :

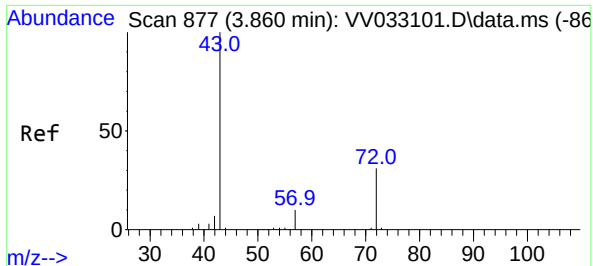
Tgt Ion: 63 Resp: 161889
Ion Ratio Lower Upper
63 100
65 31.9 23.0 42.6
83 15.8 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 50.765 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 96 Resp: 108209
Ion Ratio Lower Upper
96 100
61 110.0 79.1 146.9
98 63.6 45.1 83.7

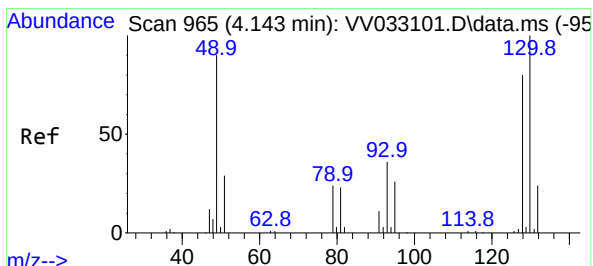
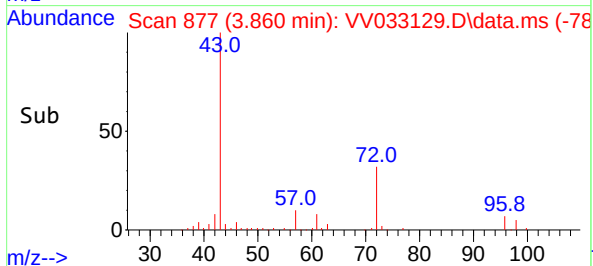
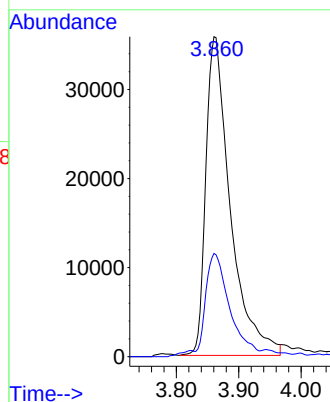
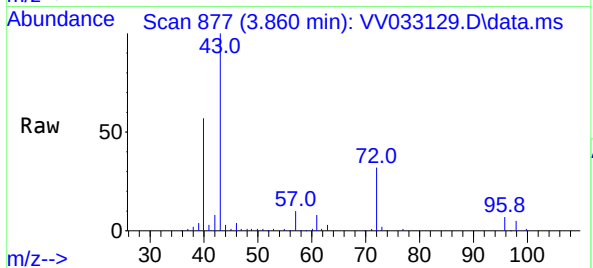




#22
2-Butanone
Concen: 88.814 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

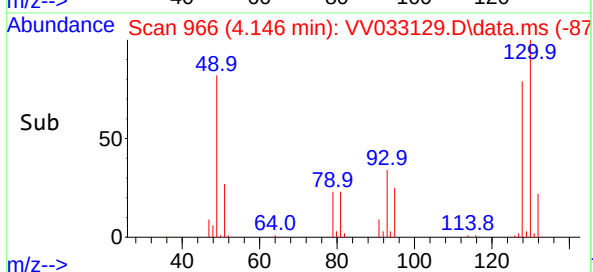
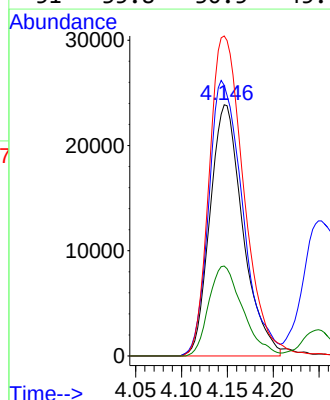
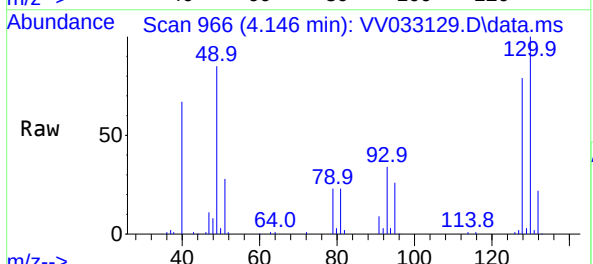
Instrument :
MSVOA_V
ClientSampleId :

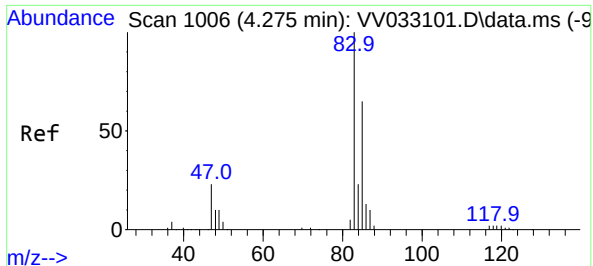
Tgt Ion: 43 Resp: 97773
Ion Ratio Lower Upper
43 100
72 30.0 14.6 43.8



#23
Bromochloromethane
Concen: 48.615 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:128 Resp: 59502
Ion Ratio Lower Upper
128 100
49 107.8 81.7 151.7
130 127.4 90.1 167.3
51 35.8 30.5 45.7





#25

Chloroform

Concen: 50.266 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

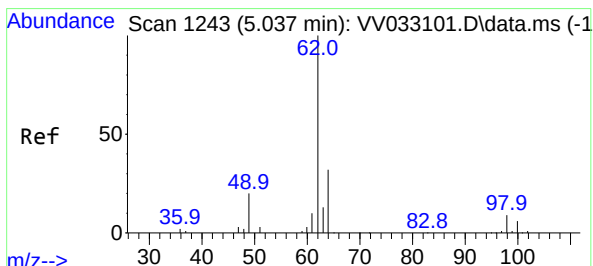
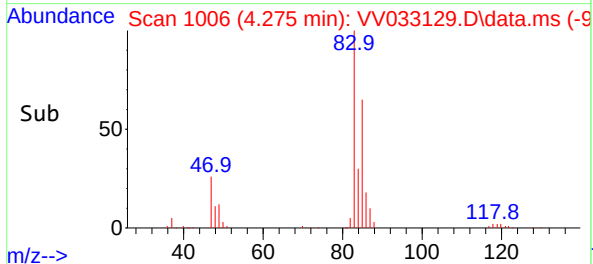
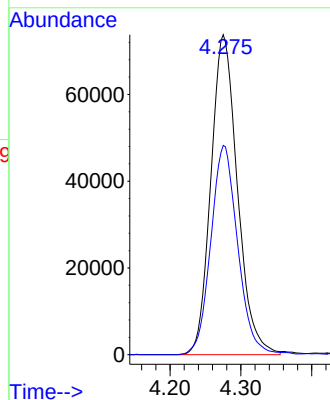
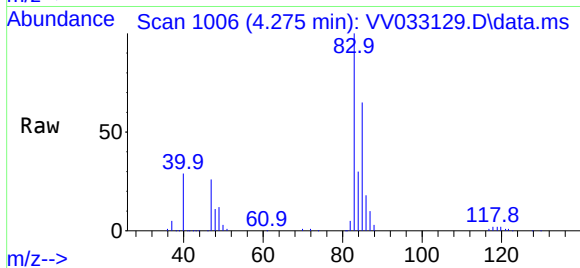
ClientSampleId :

Tgt Ion: 83 Resp: 192214

Ion Ratio Lower Upper

83 100

85 65.4 43.5 80.7



#27

1,2-Dichloroethane

Concen: 51.803 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033129.D

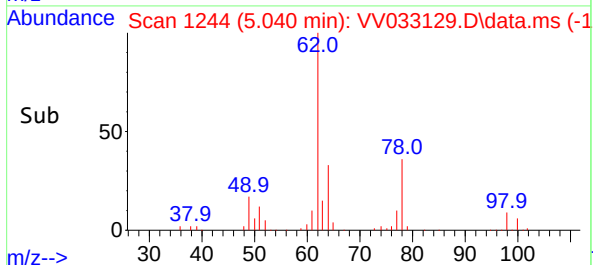
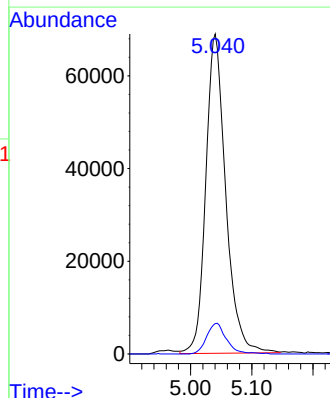
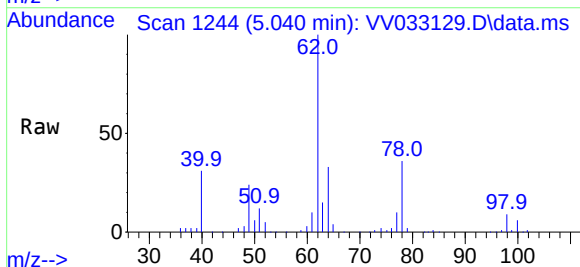
Acq: 06 Dec 2023 20:09

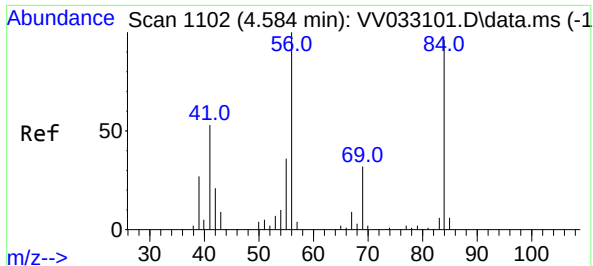
Tgt Ion: 62 Resp: 156533

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 47.054 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

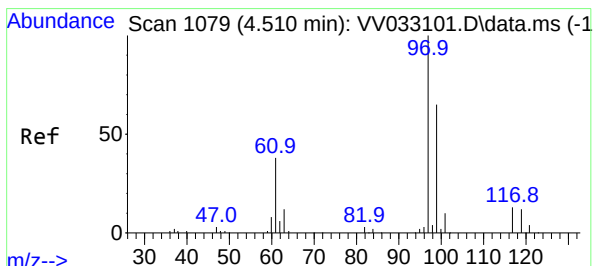
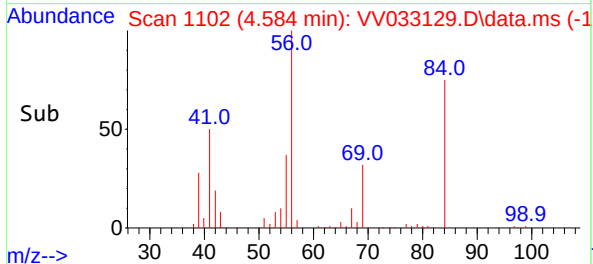
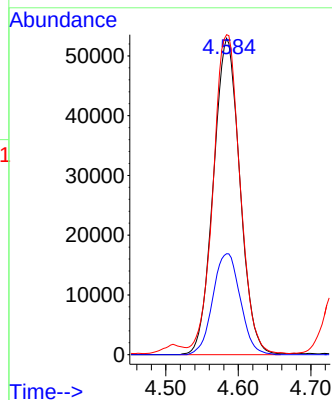
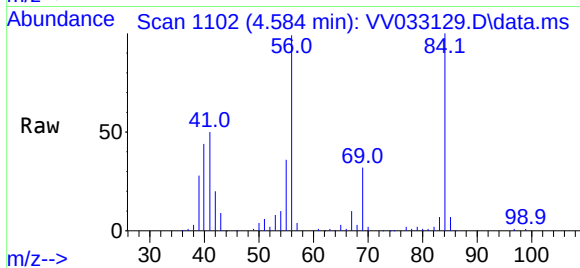
Tgt Ion: 56 Resp: 134450

Ion Ratio Lower Upper

56 100

69 33.1 26.9 40.3

84 101.0 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 49.910 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

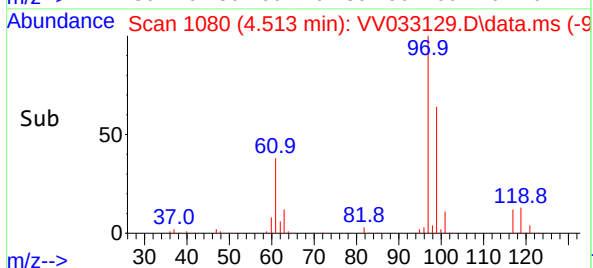
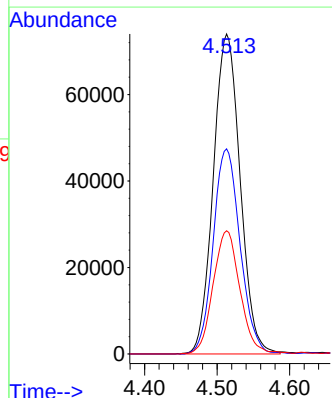
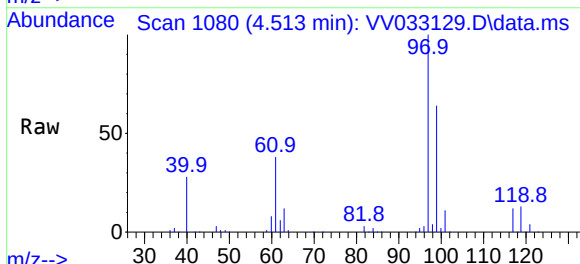
Tgt Ion: 97 Resp: 190816

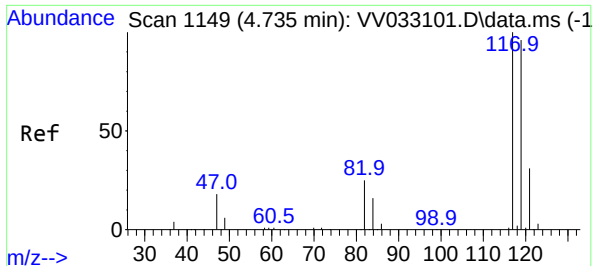
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 37.9 31.8 47.8

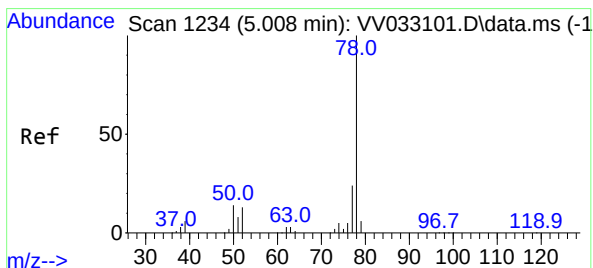
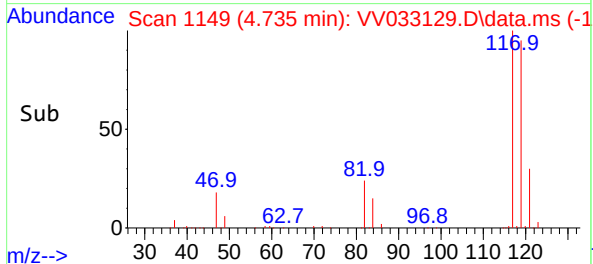
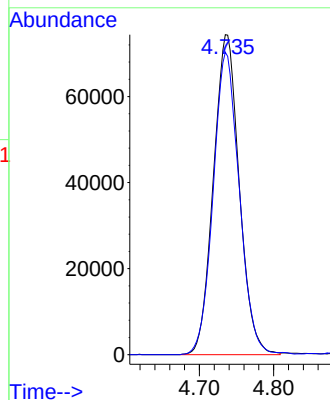
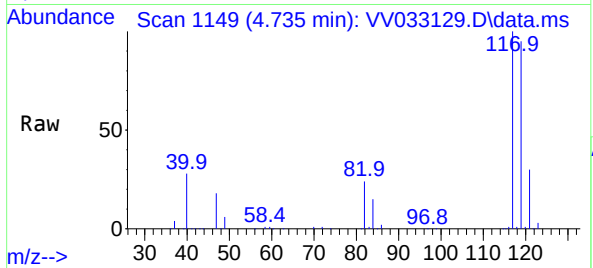




#31
Carbon tetrachloride
Concen: 50.530 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

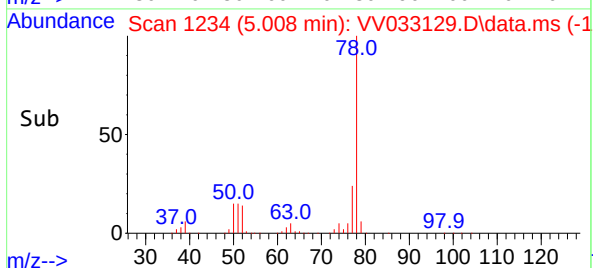
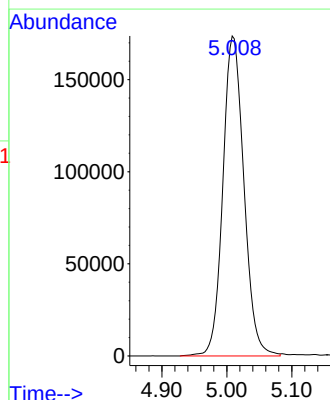
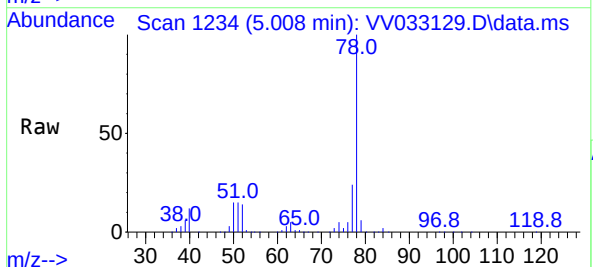
Instrument :
MSVOA_V
ClientSampleId :

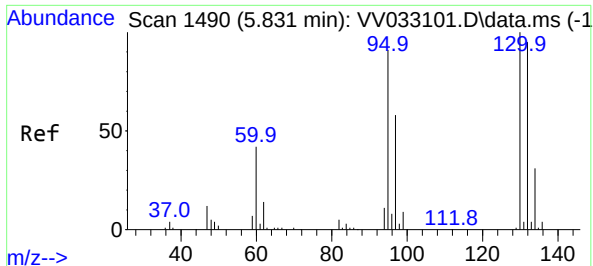
Tgt Ion:117 Resp: 179627
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 49.755 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 78 Resp: 390043

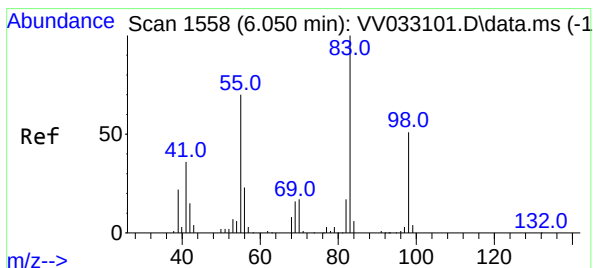
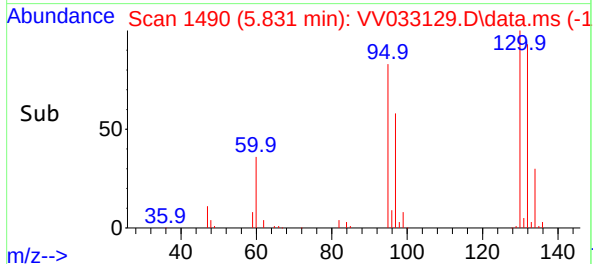
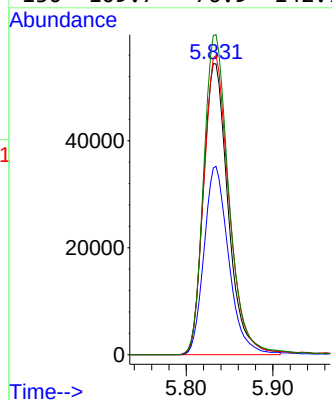
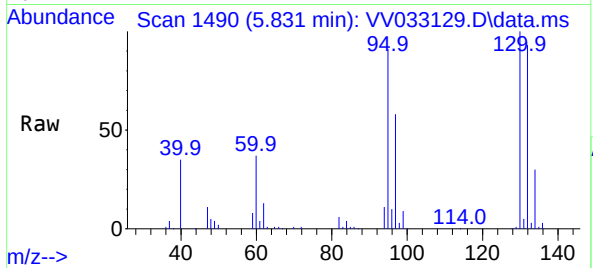




#34
Trichloroethene
Concen: 46.035 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

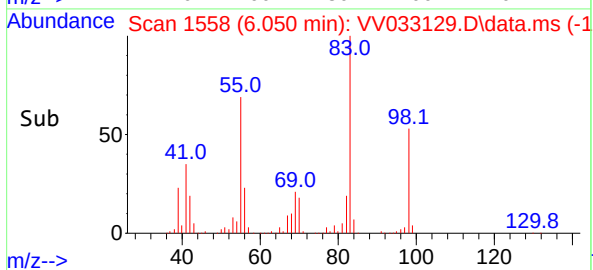
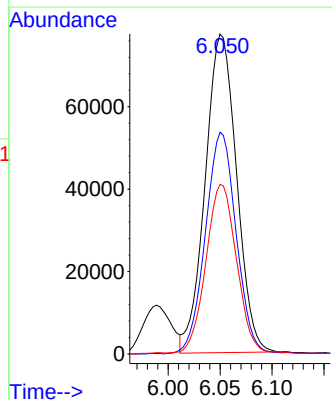
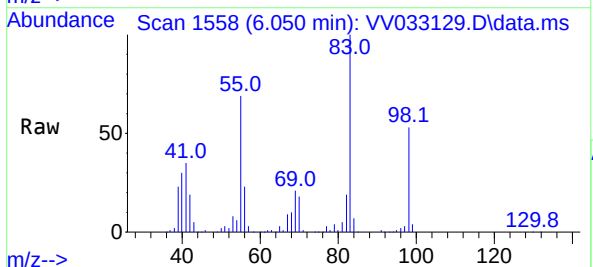
Instrument :
MSVOA_V
ClientSampleId :

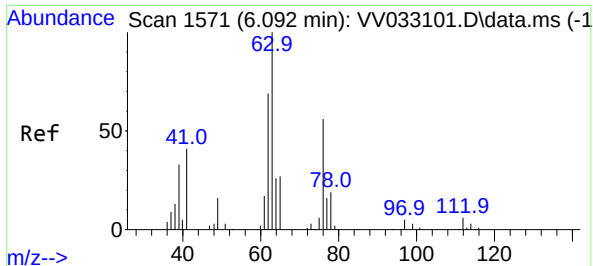
Tgt Ion: 95 Resp: 107815
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.0
132 102.0 77.4 143.8
130 109.7 76.9 142.7



#35
Methylcyclohexane
Concen: 47.770 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 83 Resp: 162375
Ion Ratio Lower Upper
83 100
55 68.3 54.8 82.2
98 52.0 41.4 62.0

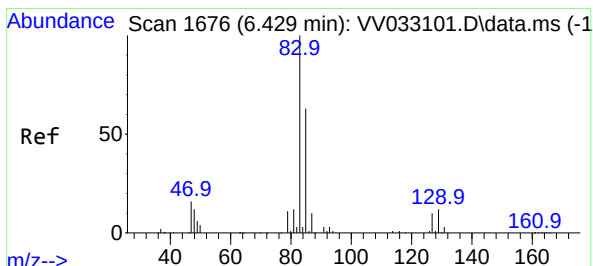
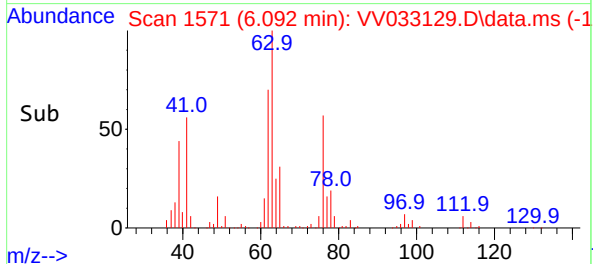
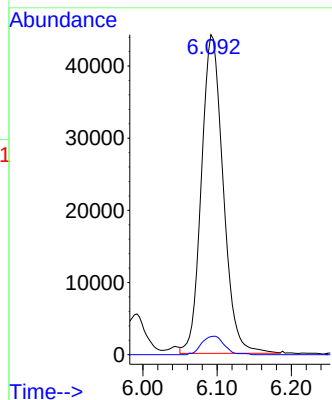
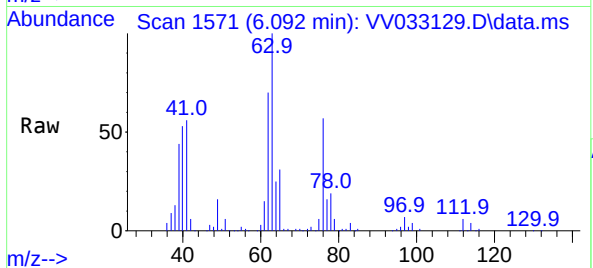




#37
1,2-Dichloropropane
Concen: 49.645 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

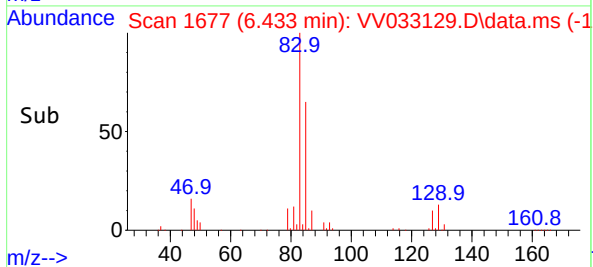
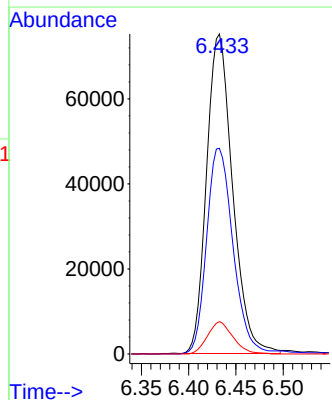
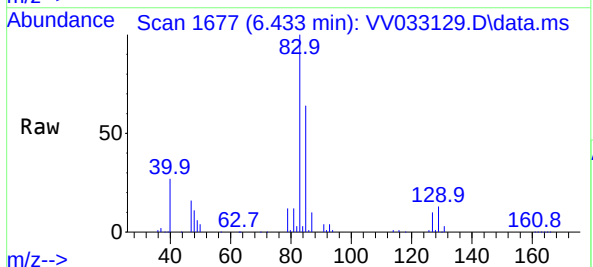
Instrument :
MSVOA_V
ClientSampleId :

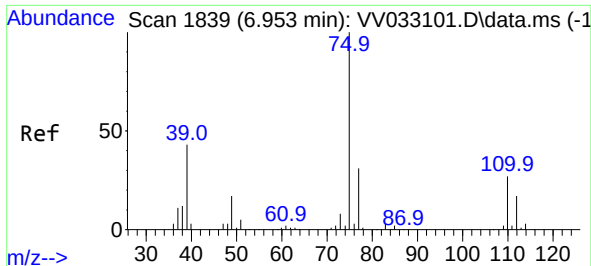
Tgt Ion: 63 Resp: 90069
Ion Ratio Lower Upper
63 100
112 5.9 4.6 6.8



#38
Bromodichloromethane
Concen: 49.288 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 83 Resp: 144162
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.6
127 10.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 47.892 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

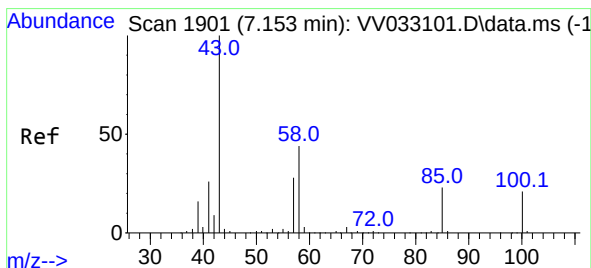
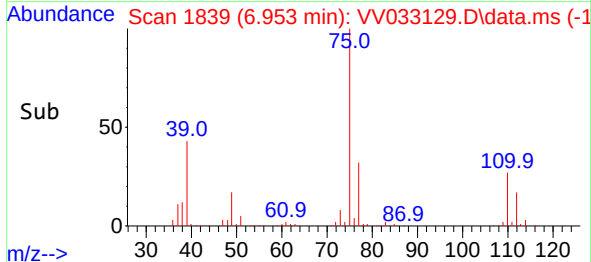
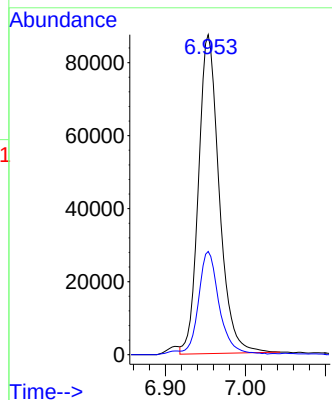
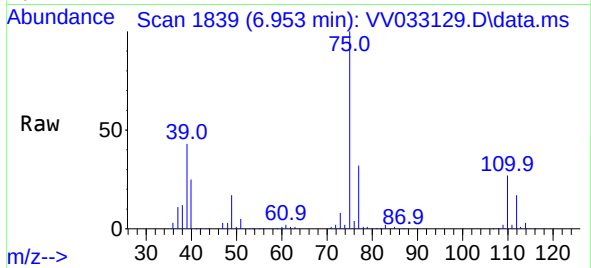
ClientSampleId :

Tgt Ion: 75 Resp: 157667

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 103.939 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

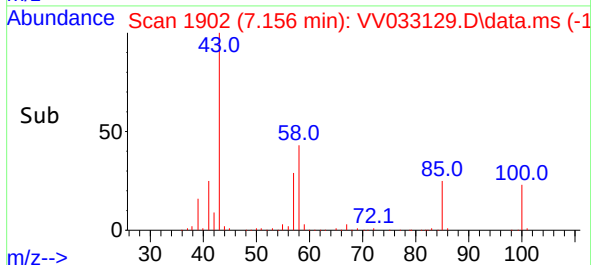
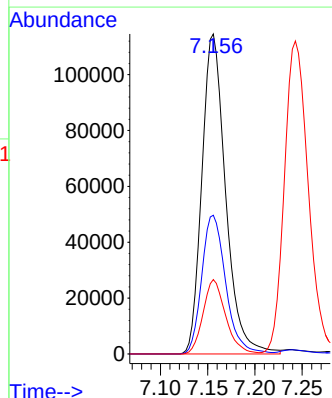
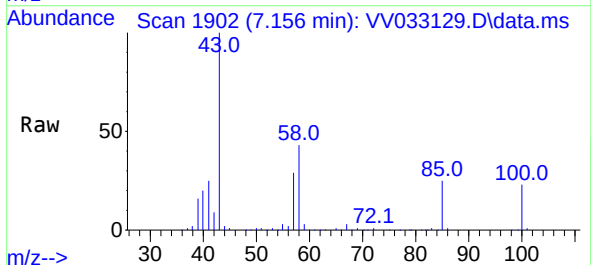
Tgt Ion: 43 Resp: 200221

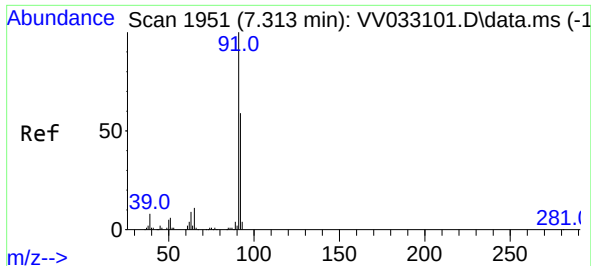
Ion Ratio Lower Upper

43 100

58 43.9 34.5 51.7

100 22.1 17.0 25.6

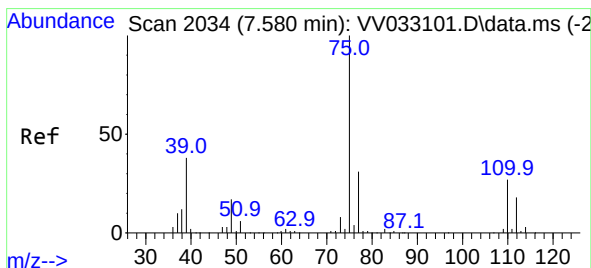
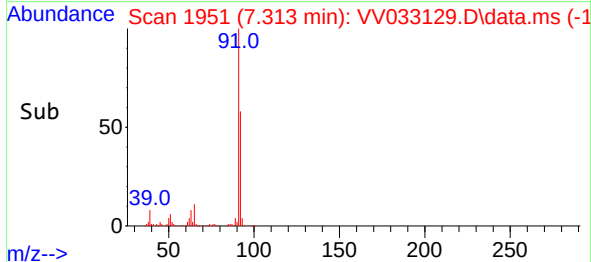
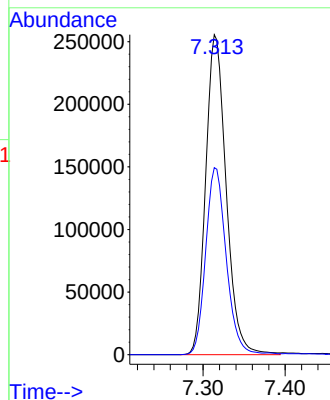
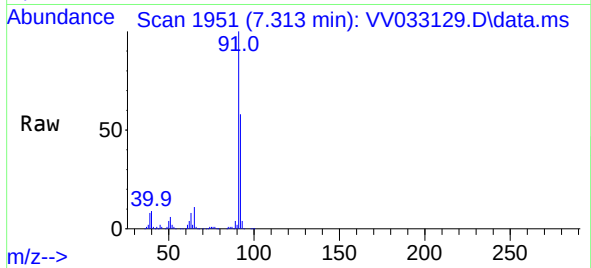




#42
Toluene
Concen: 50.180 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

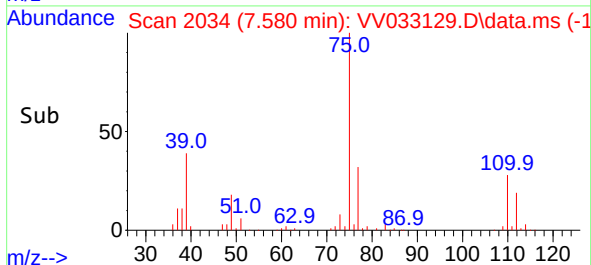
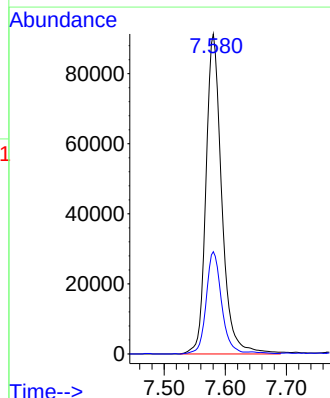
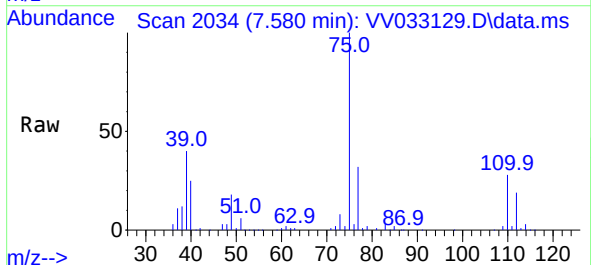
Instrument :
MSVOA_V
ClientSampleId :

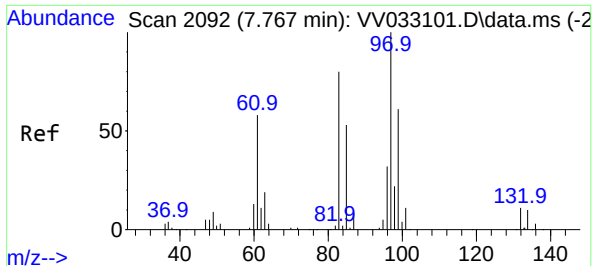
Tgt Ion: 91 Resp: 443286
Ion Ratio Lower Upper
91 100
92 58.5 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 49.321 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 75 Resp: 164185
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0



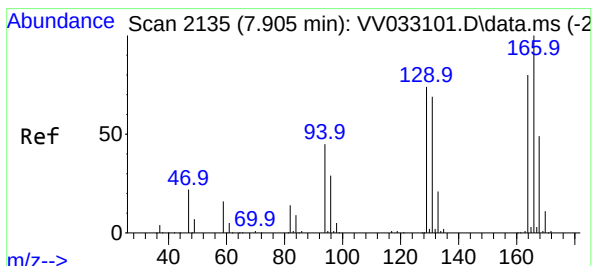
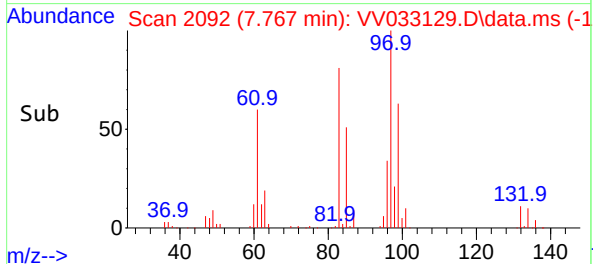
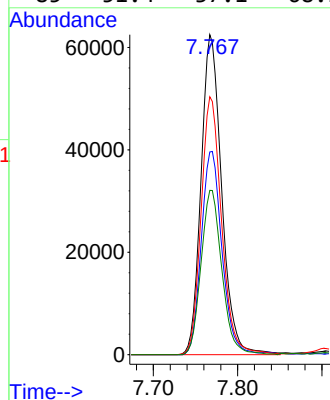
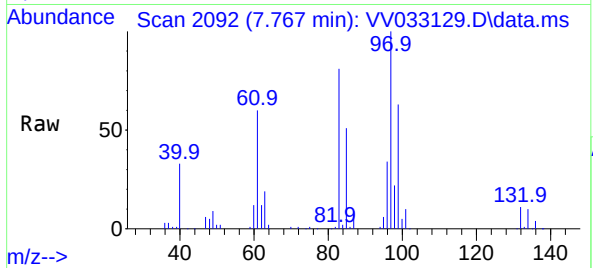


#45
1,1,2-Trichloroethane
Concen: 50.739 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 106734

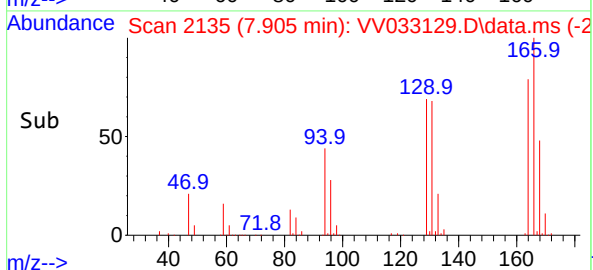
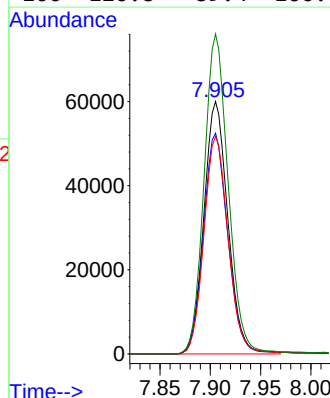
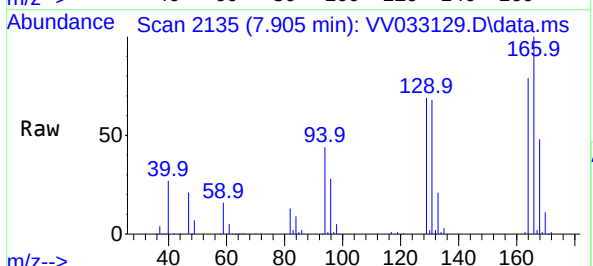
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.2	80.2
83	80.6	55.8	103.6
85	51.4	37.1	68.9

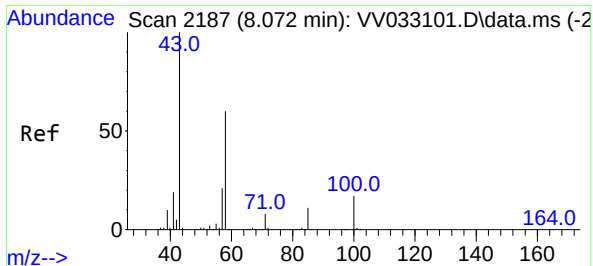


#46
Tetrachloroethene
Concen: 49.436 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 164 Resp: 99529

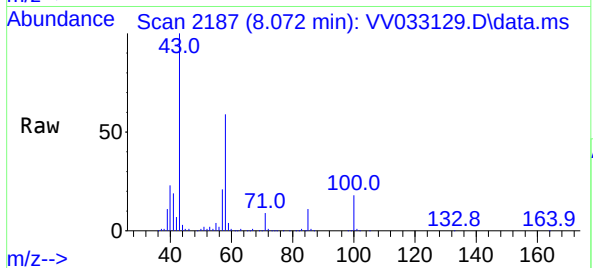
Ion	Ratio	Lower	Upper
164	100		
129	87.5	65.6	121.8
131	86.2	64.7	120.1
166	126.8	89.4	166.0





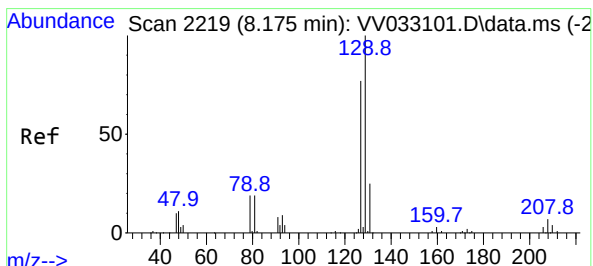
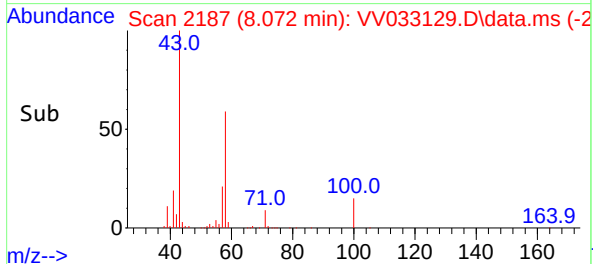
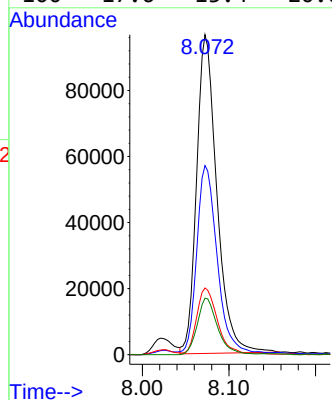
#48
2-Hexanone
Concen: 98.373 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 157112

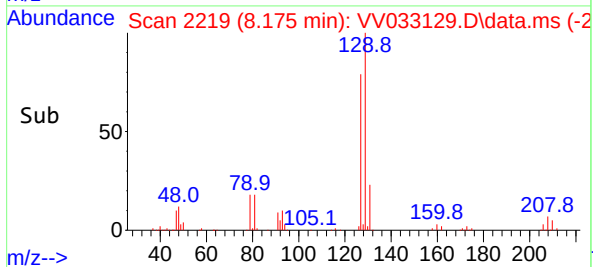
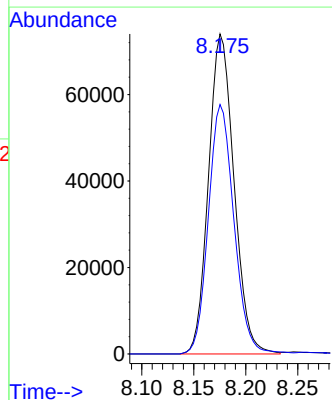
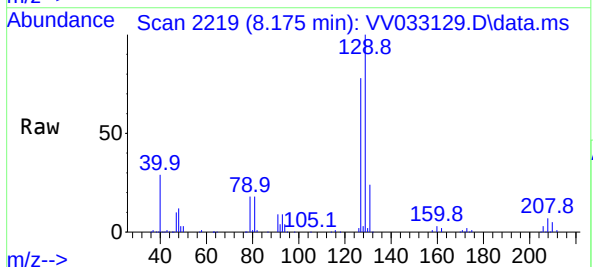
Ion	Ratio	Lower	Upper
43	100		
58	58.1	47.9	71.9
57	20.6	17.4	26.0
100	17.6	13.4	20.0

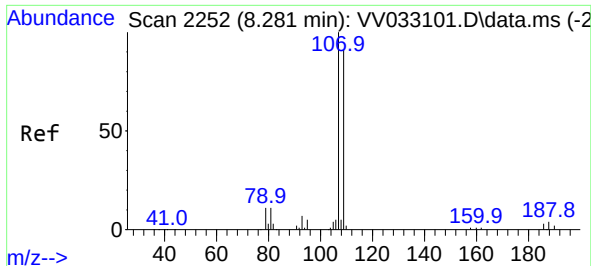


#49
Dibromochloromethane
Concen: 50.268 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 129 Resp: 126232

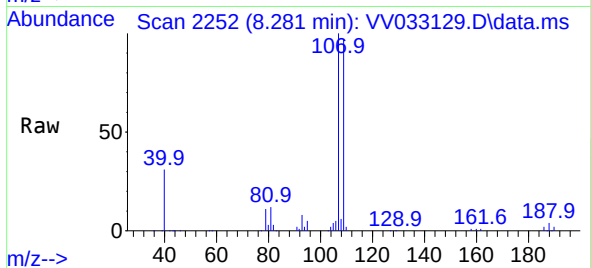
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.1	100.5



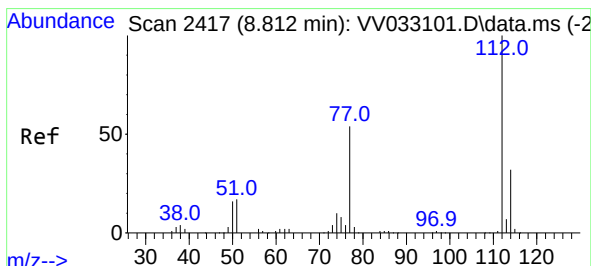
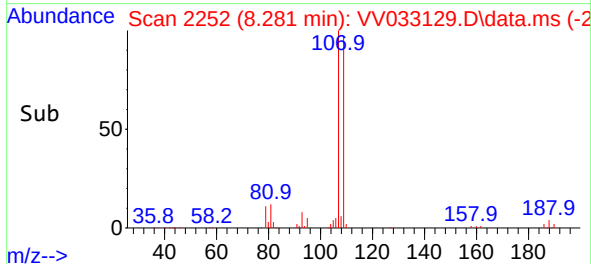
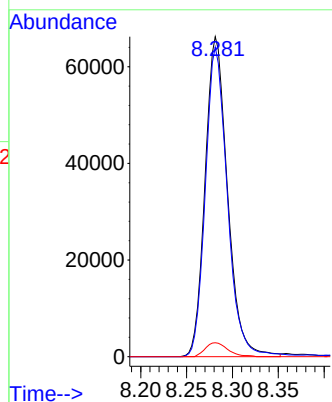


#50
1,2-Dibromoethane
Concen: 50.260 ug/L
RT: 8.281 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

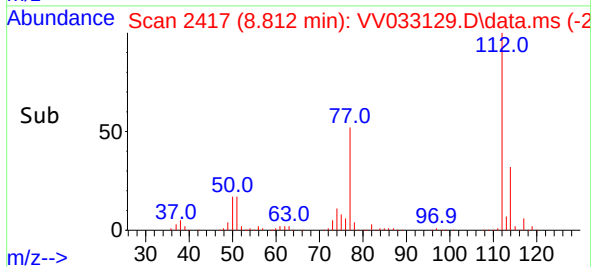
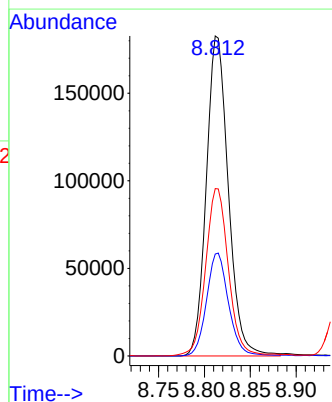
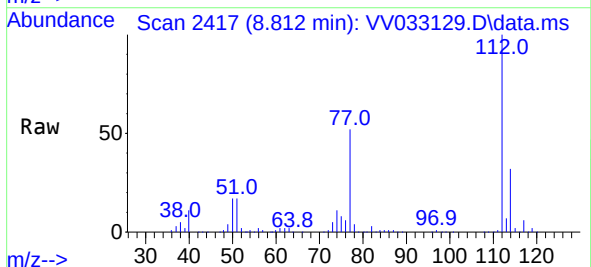


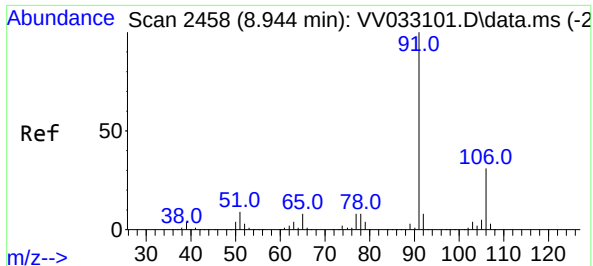
Tgt Ion:107 Resp: 112720
Ion Ratio Lower Upper
107 100
109 96.8 65.2 121.2
188 4.4 3.8 5.6



#51
Chlorobenzene
Concen: 49.103 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:112 Resp: 305031
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 52.3 42.6 64.0





#52

Ethylbenzene

Concen: 50.451 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

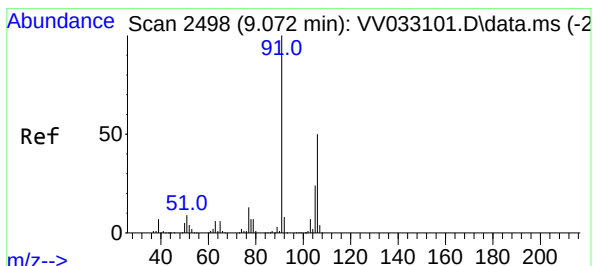
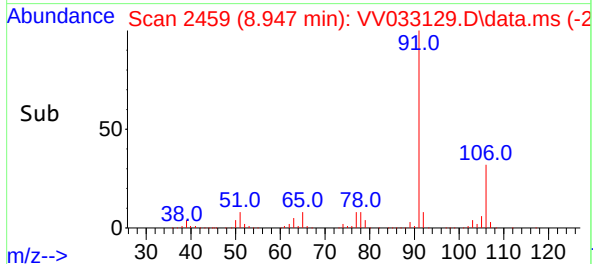
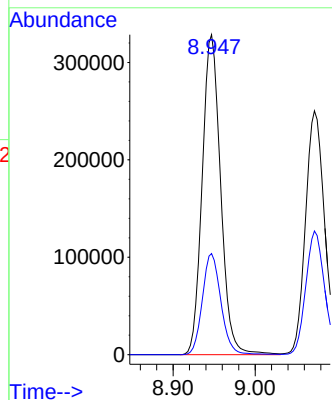
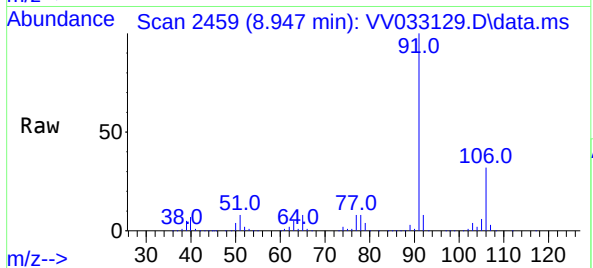
ClientSampleId :

Tgt Ion: 91 Resp: 512989

Ion Ratio Lower Upper

91 100

106 31.6 22.6 42.0



#53

m,p-Xylene

Concen: 50.452 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV033129.D

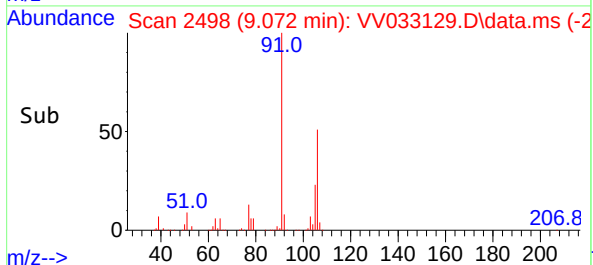
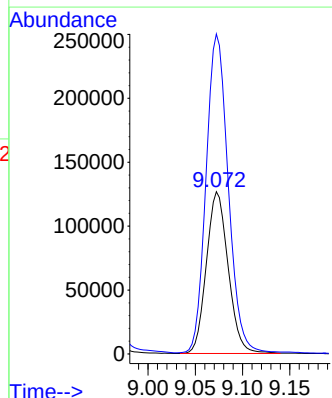
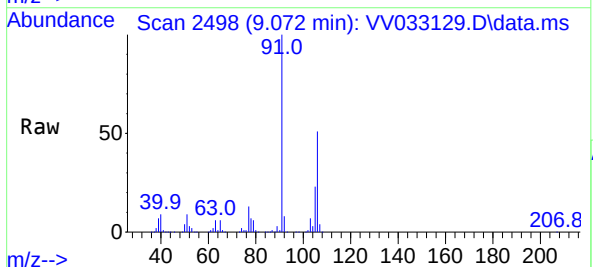
Acq: 06 Dec 2023 20:09

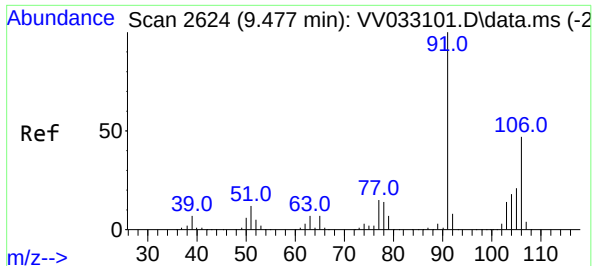
Tgt Ion: 106 Resp: 203155

Ion Ratio Lower Upper

106 100

91 197.3 145.2 269.6

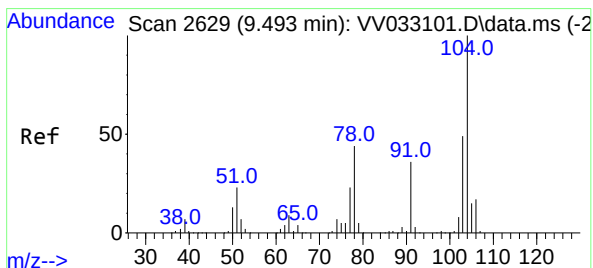
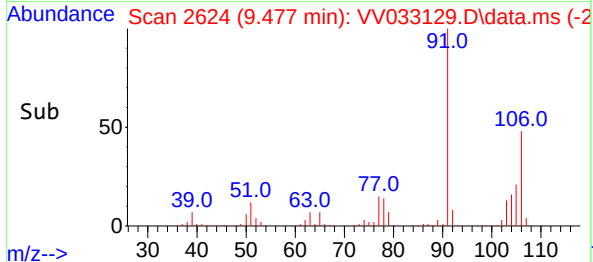
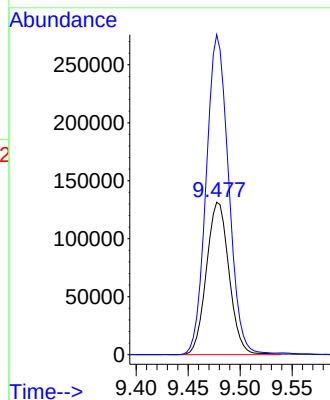
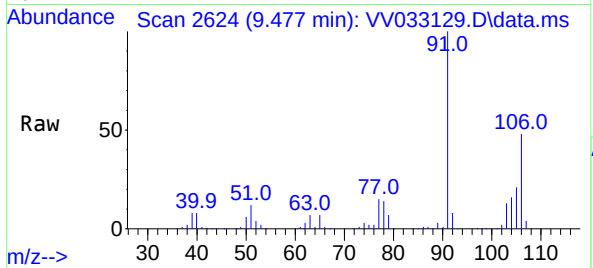




#54
o-Xylene
Concen: 50.203 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

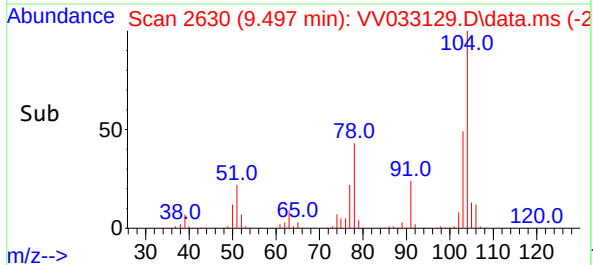
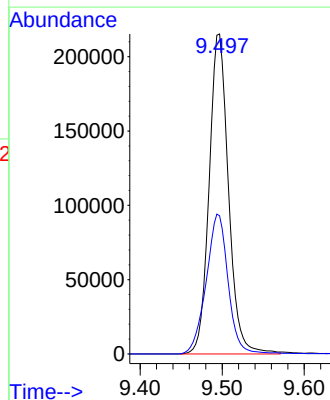
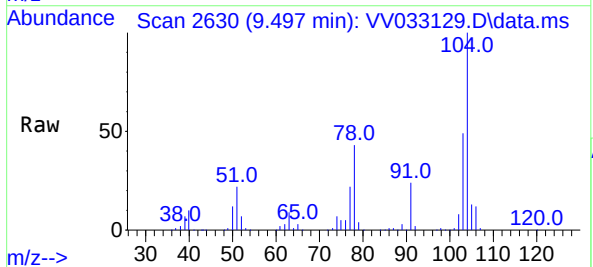
Instrument :
MSVOA_V
ClientSampleId :

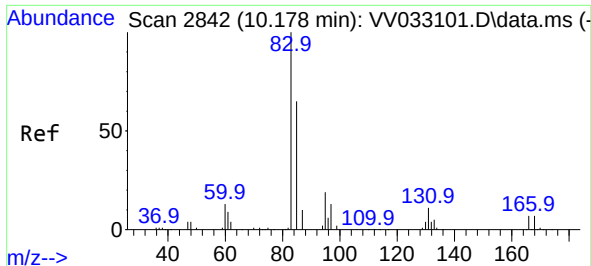
Tgt Ion:106 Resp: 199481
Ion Ratio Lower Upper
106 100
91 209.8 147.8 274.6



#55
Styrene
Concen: 51.315 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:104 Resp: 352729
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.0

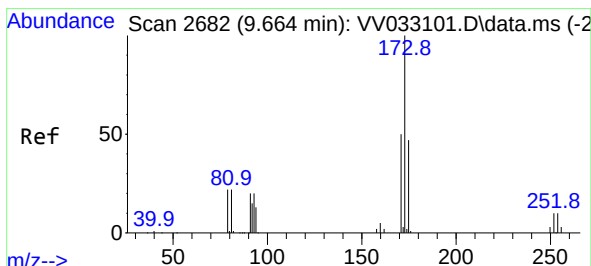
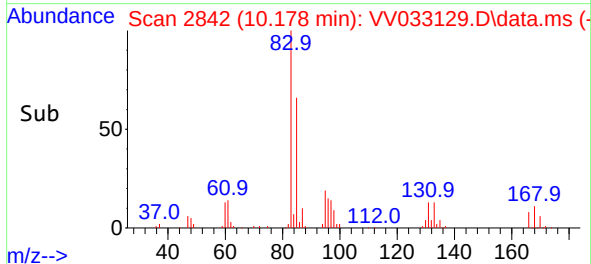
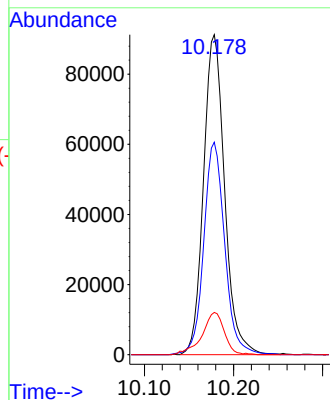
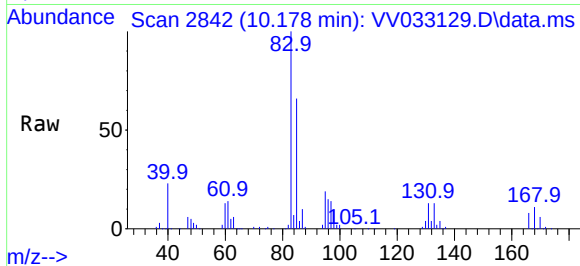




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.236 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV033129.D
 Acq: 06 Dec 2023 20:09

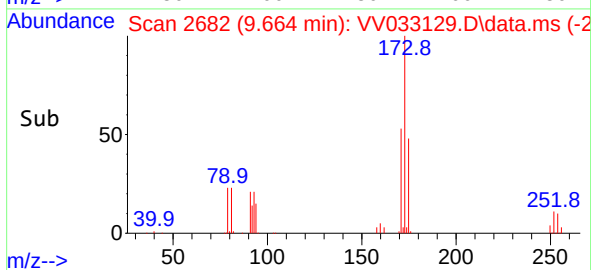
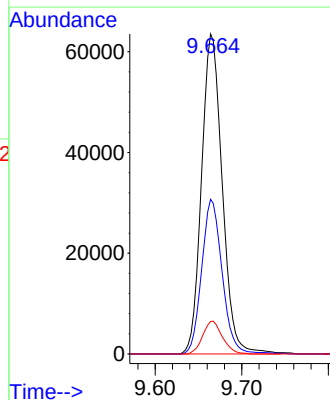
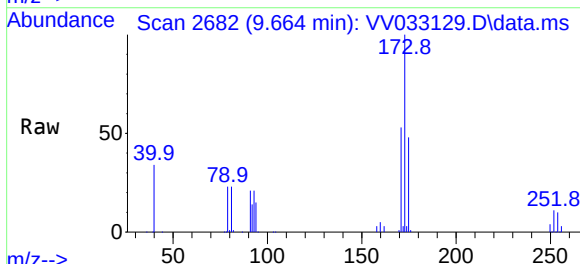
Instrument :
 MSVOA_V
 ClientSampleId :

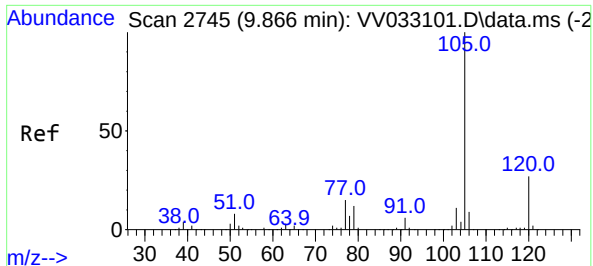
Tgt Ion: 83 Resp: 150130
 Ion Ratio Lower Upper
 83 100
 85 66.4 45.5 84.5
 131 13.2 9.7 14.5



#59
 Bromoform
 Concen: 51.133 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.000 min
 Lab File: VV033129.D
 Acq: 06 Dec 2023 20:09

Tgt Ion: 173 Resp: 105486
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.7 58.1
 254 9.7 8.0 12.0

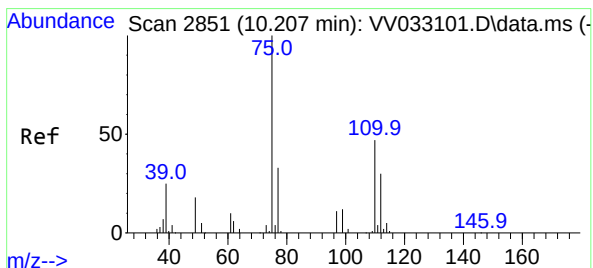
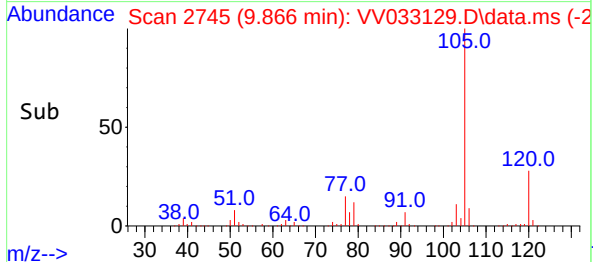
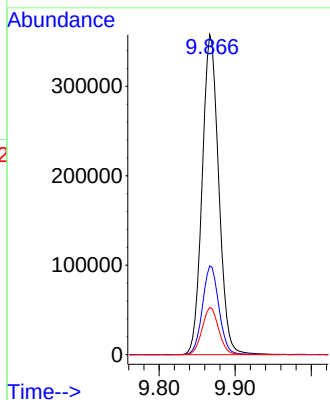
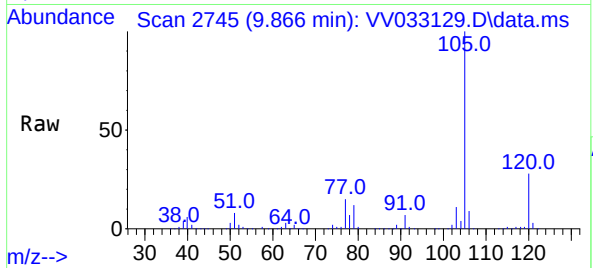




#60
Isopropylbenzene
Concen: 49.384 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

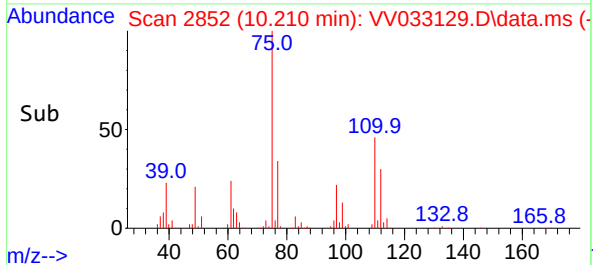
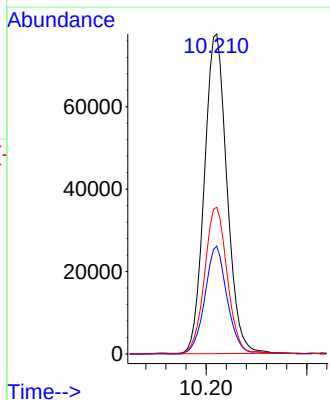
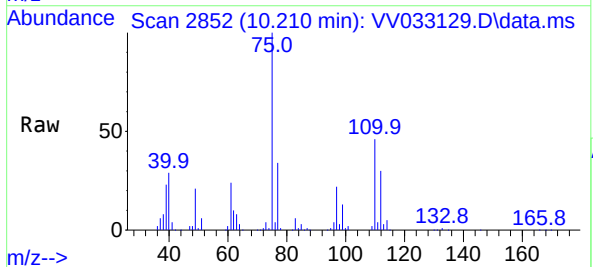
Instrument :
MSVOA_V
ClientSampleId :

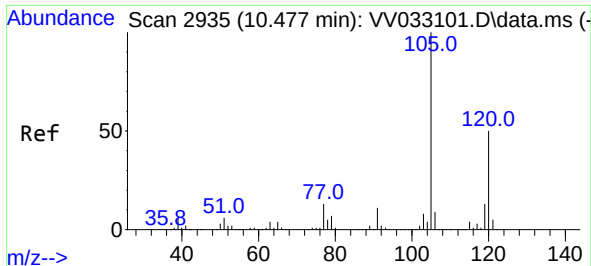
Tgt Ion:105 Resp: 541235
Ion Ratio Lower Upper
105 100
120 27.6 21.3 31.9
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 50.984 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion: 75 Resp: 120839
Ion Ratio Lower Upper
75 100
77 33.1 27.0 40.6
110 46.4 38.1 57.1

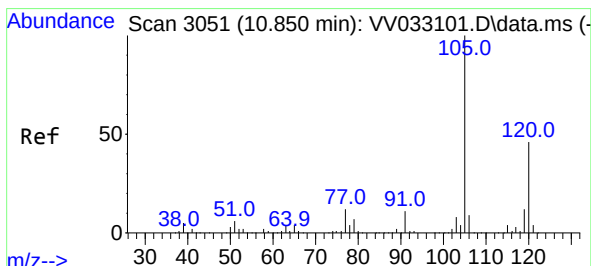
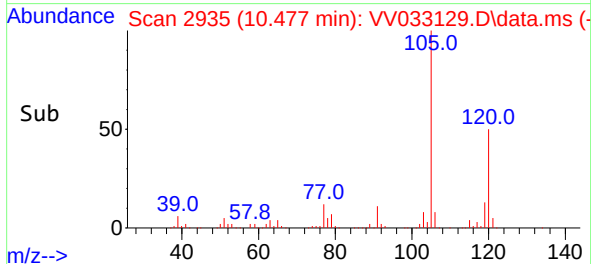
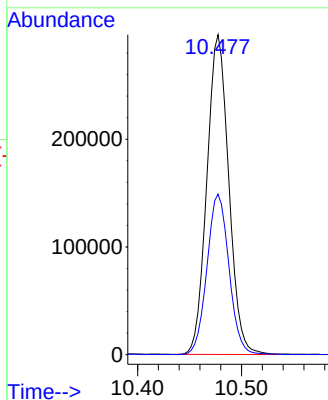
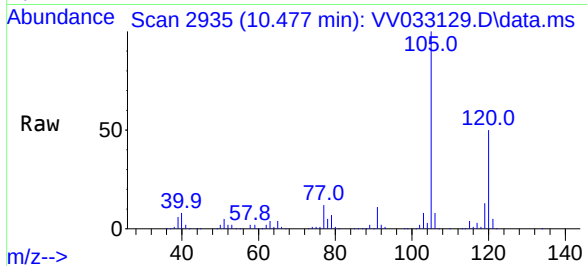




#62
1,3,5-Trimethylbenzene
Concen: 49.142 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

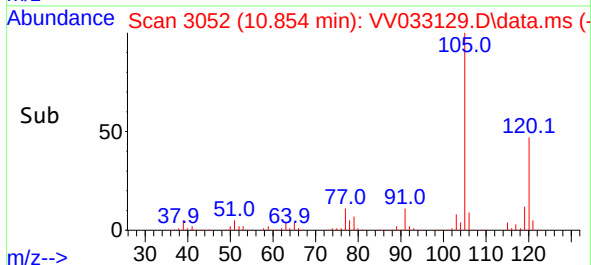
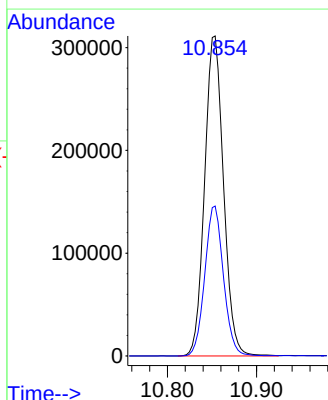
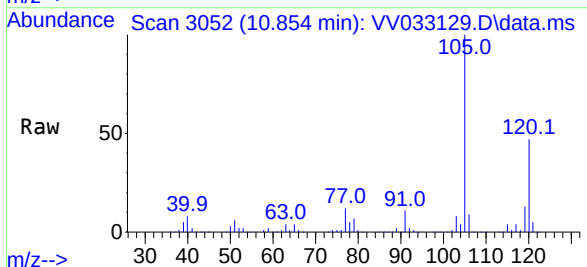
Instrument :
MSVOA_V
ClientSampleId :

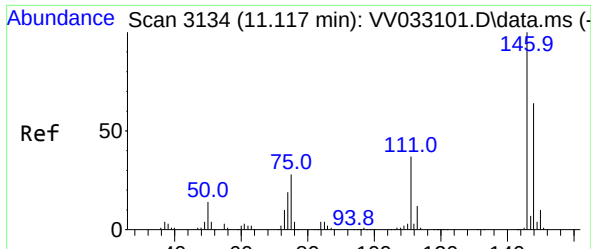
Tgt Ion:105 Resp: 433926
Ion Ratio Lower Upper
105 100
120 50.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 49.818 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:105 Resp: 458131
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1

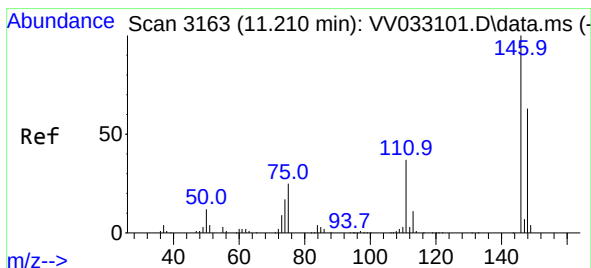
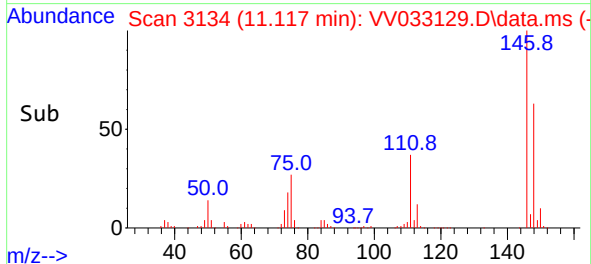
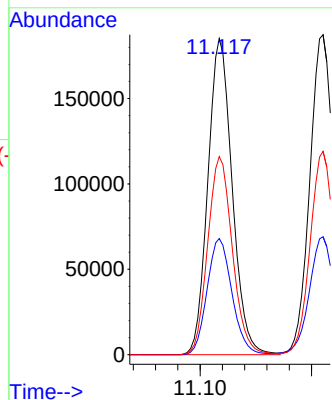
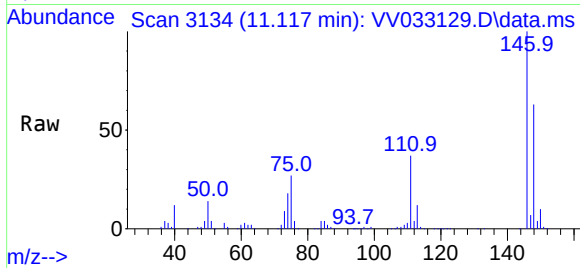




#64
1,3-Dichlorobenzene
Concen: 47.934 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

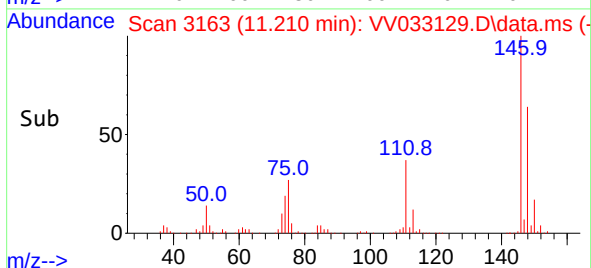
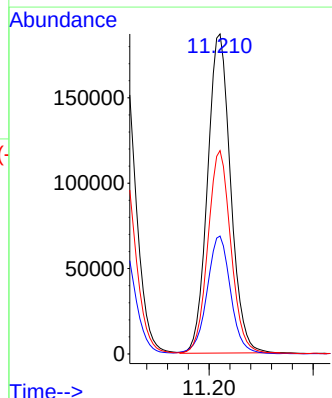
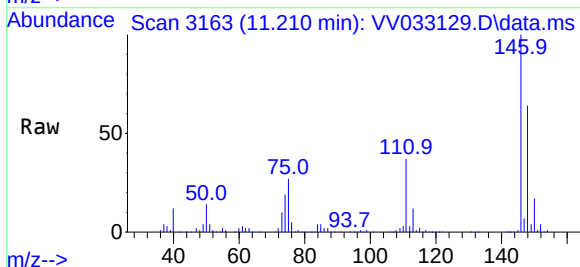
Instrument :
MSVOA_V
ClientSampleId :

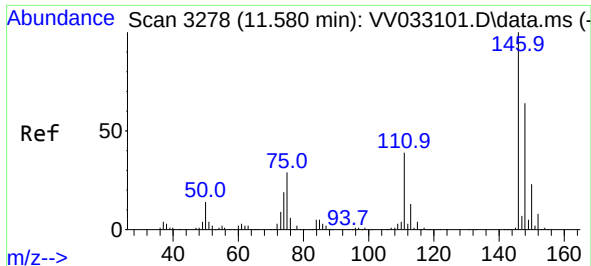
Tgt Ion:146 Resp: 280662
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.6
148 62.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 47.370 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:146 Resp: 288114
Ion Ratio Lower Upper
146 100
111 36.9 25.9 48.1
148 63.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 49.052 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

Instrument :

MSVOA_V

ClientSampleId :

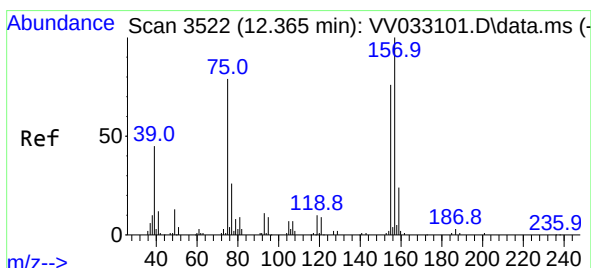
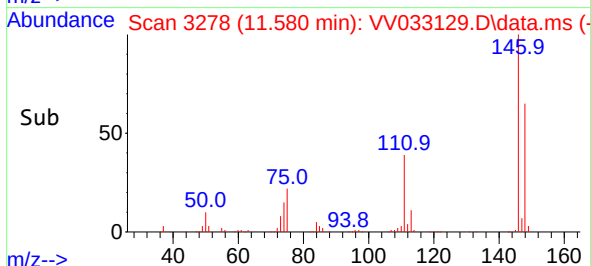
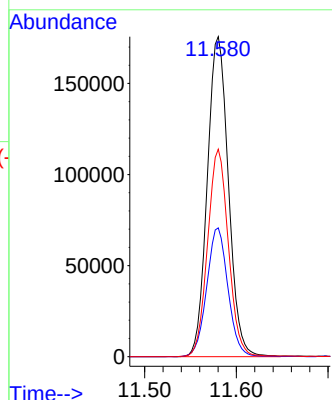
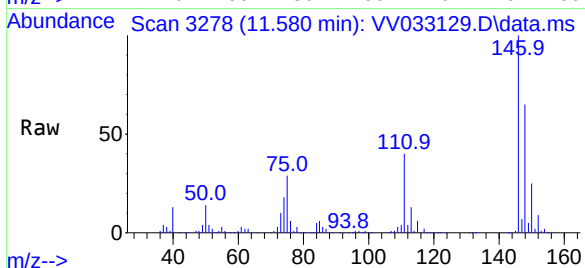
Tgt Ion:146 Resp: 281565

Ion Ratio Lower Upper

146 100

111 40.2 32.4 48.6

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 50.143 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033129.D

Acq: 06 Dec 2023 20:09

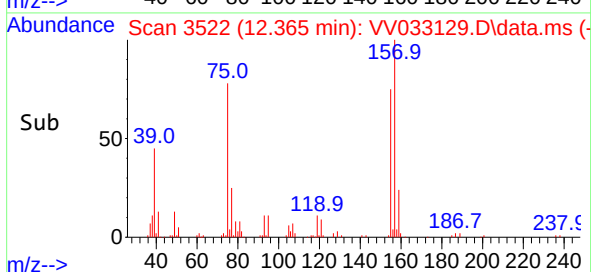
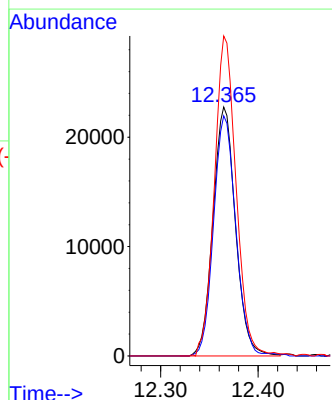
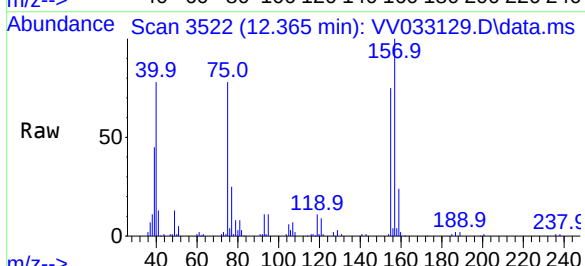
Tgt Ion: 75 Resp: 36467

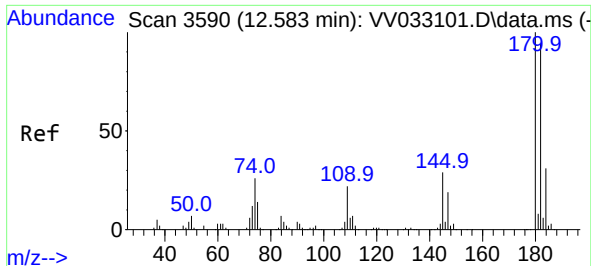
Ion Ratio Lower Upper

75 100

155 96.4 75.8 113.6

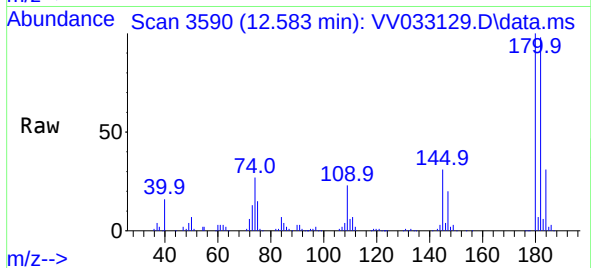
157 128.5 95.4 143.0



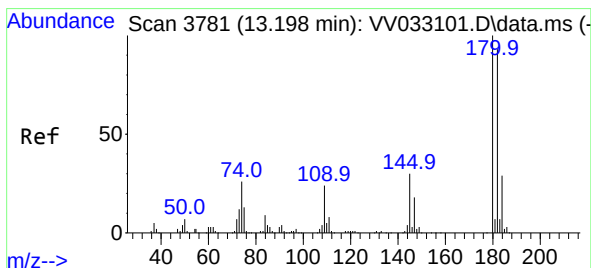
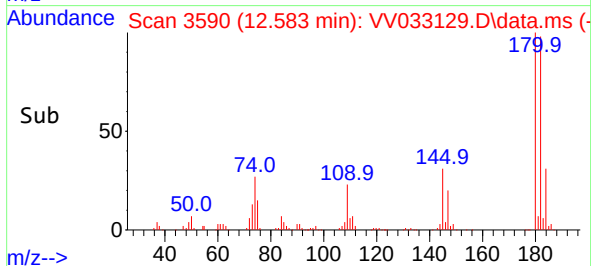
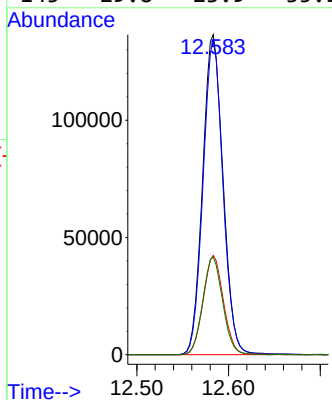


#69
1,3,5-Trichlorobenzene
Concen: 45.037 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

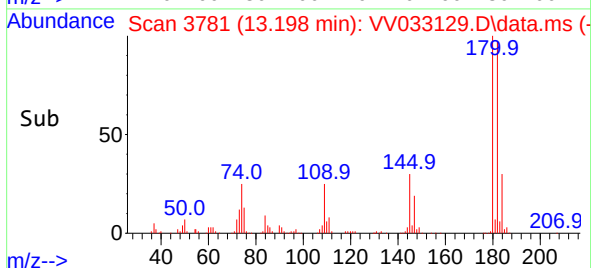
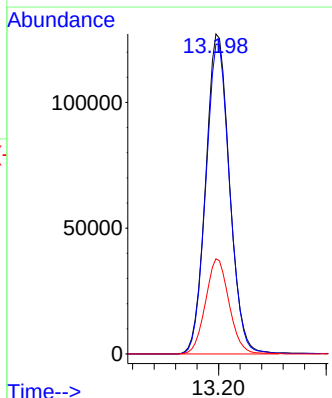
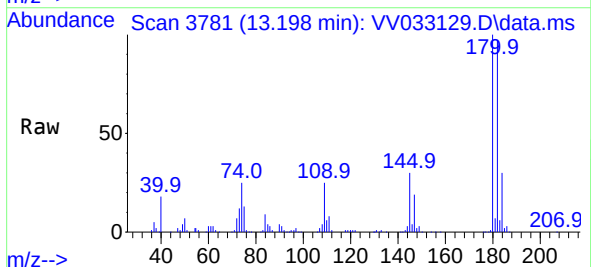


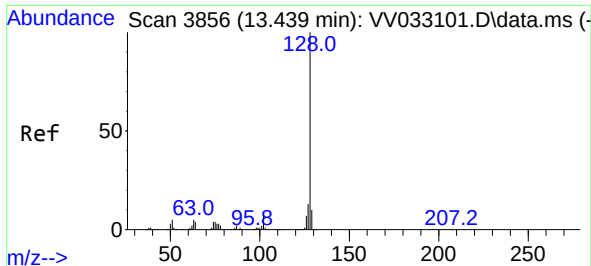
Tgt Ion:180 Resp: 211224
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
184 30.7 24.2 36.4
145 29.8 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 45.222 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:180 Resp: 195949
Ion Ratio Lower Upper
180 100
182 96.9 76.3 114.5
145 29.4 23.4 35.0

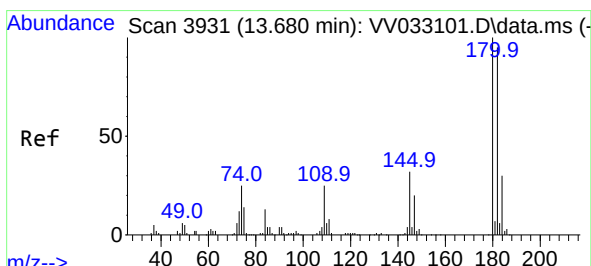
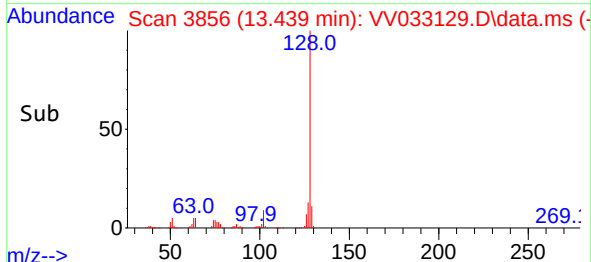
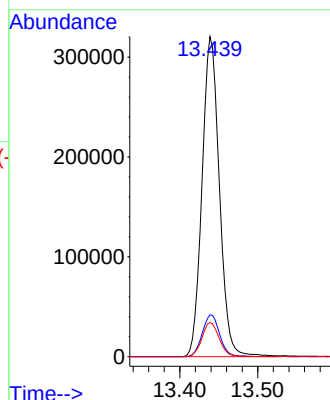
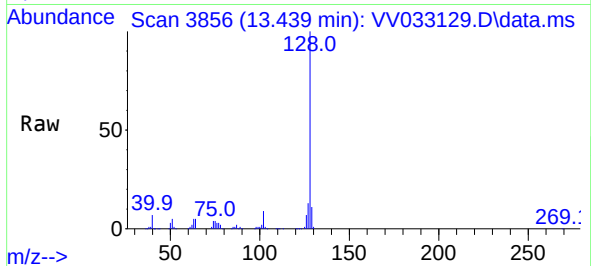




#71
Naphthalene
Concen: 46.951 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 496141
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.595 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033129.D
Acq: 06 Dec 2023 20:09

Tgt Ion:180 Resp: 199000
Ion Ratio Lower Upper
180 100
182 94.8 75.2 112.8
145 31.9 24.9 37.3

