

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033158.D
 Acq On : 07 Dec 2023 19:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:42:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	307518	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	304849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	185472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63947	34.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.580%
7) Chloroethane-d5	1.529	69	51615	40.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.060	65	27086	38.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	3.780	46	99557	109.036	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.040%
24) Chloroform-d	4.249	84	176761	45.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
26) 1,2-Dichloroethane-d4	4.941	65	112318	46.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
32) Benzene-d6	4.960	84	309073	43.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.700%
36) 1,2-Dichloropropane-d6	5.989	67	86381	45.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	7.243	98	298410	43.875	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.760%
43) trans-1,3-Dichloroprop...	7.551	79	53393	44.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.021	63	83938	108.992	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.990%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	144463	53.012	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	154625	46.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	168295	50.067	ug/L	100
3) Chloromethane	1.214	50	113281	51.097	ug/L	99
5) Vinyl chloride	1.285	62	111336	52.364	ug/L	94
6) Bromomethane	1.484	94	73791	53.187	ug/L	100
8) Chloroethane	1.548	64	58758	51.907	ug/L	99
9) Trichlorofluoromethane	1.712	101	190426	54.276	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	90169	54.730	ug/L	99
12) 1,1-Dichloroethene	2.069	96	83618	54.237	ug/L	95
13) Acetone	2.108	43	72757	83.469	ug/L	100
14) Carbon disulfide	2.243	76	268534	48.547	ug/L	100
15) Methyl Acetate	2.368	43	72087	49.619	ug/L	95
16) Methylene chloride	2.446	84	102631	50.272	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	105785	52.259	ug/L	93
18) Methyl tert-butyl Ether	2.700	73	328033	53.345	ug/L	99
19) 1,1-Dichloroethane	3.111	63	173091	51.664	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	118164	55.015	ug/L	99
22) 2-Butanone	3.860	43	104493	94.198	ug/L	96
23) Bromochloromethane	4.146	128	63861	51.781	ug/L	96
25) Chloroform	4.275	83	203730	52.874	ug/L	96

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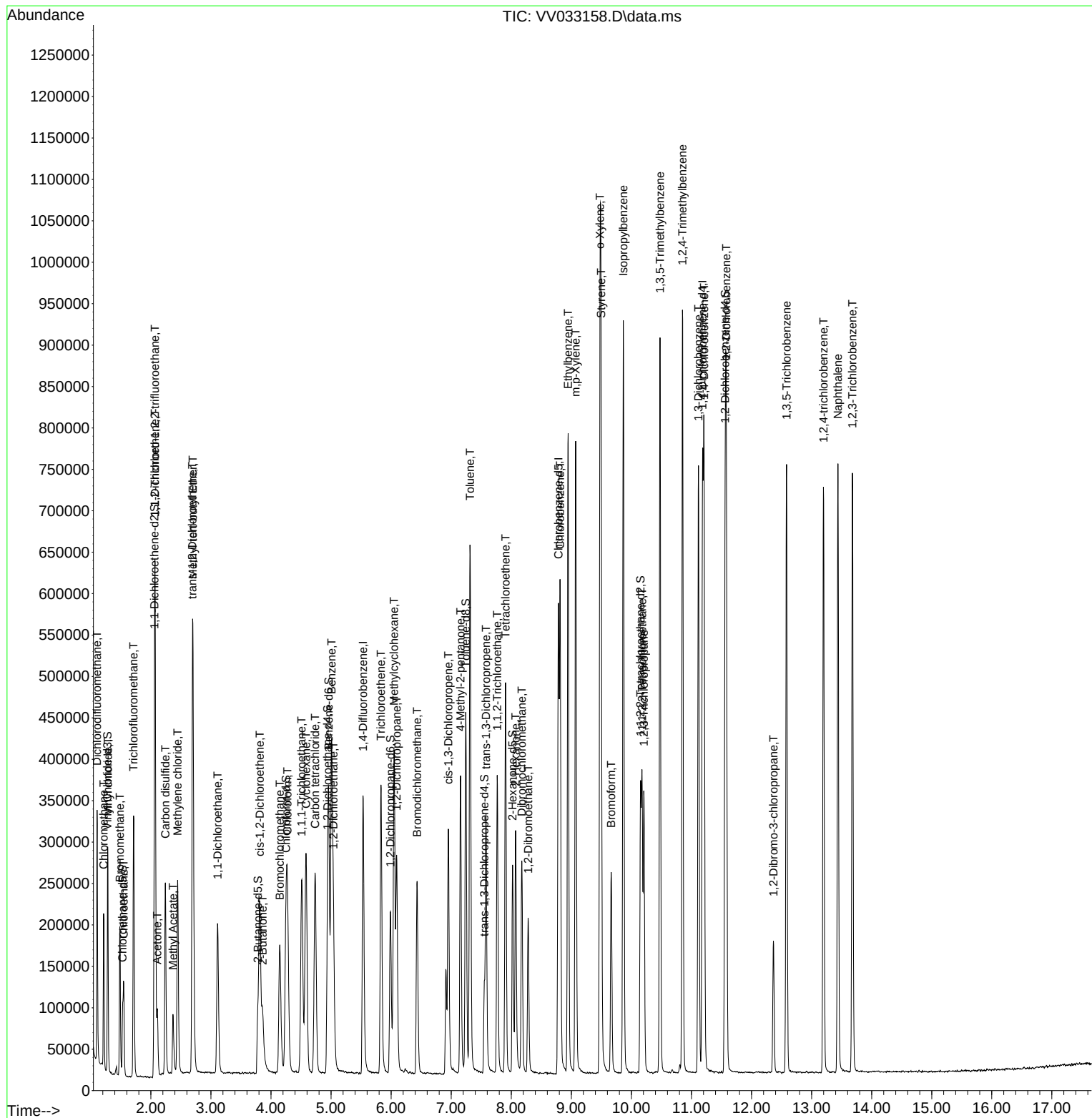
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	159950	52.532	ug/L	99
29) Cyclohexane	4.584	56	142748	50.697	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	202525	53.756	ug/L	99
31) Carbon tetrachloride	4.735	117	191570	54.686	ug/L	98
33) Benzene	5.008	78	414349	53.637	ug/L	100
34) Trichloroethene	5.831	95	119317	51.699	ug/L	97
35) Methylcyclohexane	6.050	83	174887	52.212	ug/L	98
37) 1,2-Dichloropropane	6.092	63	93111	52.080	ug/L	99
38) Bromodichloromethane	6.432	83	151823	52.675	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	172886	53.292	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	207512	109.317	ug/L	99
42) Toluene	7.313	91	472630	54.293	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	174741	53.268	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	108431	52.307	ug/L	99
46) Tetrachloroethene	7.905	164	107448	54.158	ug/L	98
48) 2-Hexanone	8.072	43	160731	102.126	ug/L	99
49) Dibromochloromethane	8.175	129	133066	53.772	ug/L	99
50) 1,2-Dibromoethane	8.281	107	118414	53.580	ug/L	97
51) Chlorobenzene	8.815	112	323846	52.902	ug/L	99
52) Ethylbenzene	8.947	91	540327	53.925	ug/L	99
53) m,p-Xylene	9.072	106	215152	54.221	ug/L	94
54) o-Xylene	9.477	106	212555	54.284	ug/L	99
55) Styrene	9.497	104	375131	55.381	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	153260	54.113	ug/L	99
59) Bromoform	9.664	173	110652	54.969	ug/L	100
60) Isopropylbenzene	9.866	105	585173	54.719	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	124613	53.882	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	471250	54.694	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	495927	55.267	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	302704	52.982	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	309674	52.179	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	296718	52.975	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	38858	54.758	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	230245	50.311	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	220134	52.065	ug/L	99
71) Naphthalene	13.439	128	582695	56.511	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	219827	53.882	ug/L	97

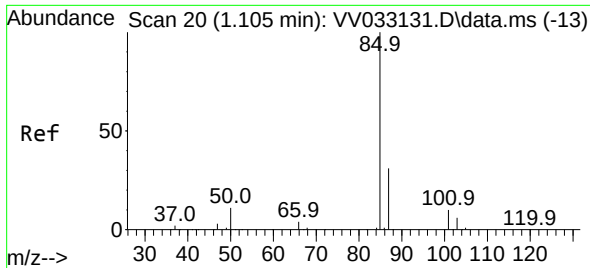
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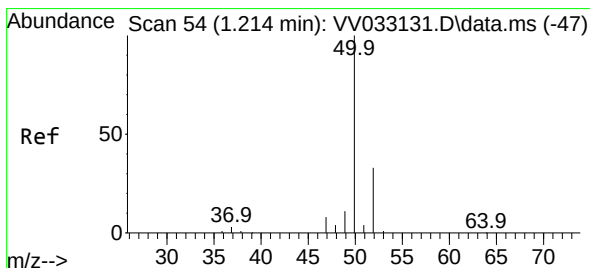
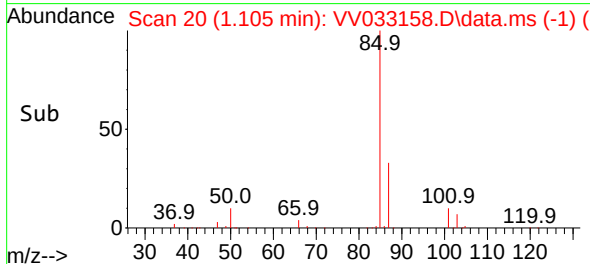
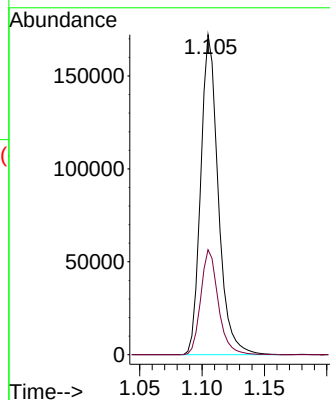
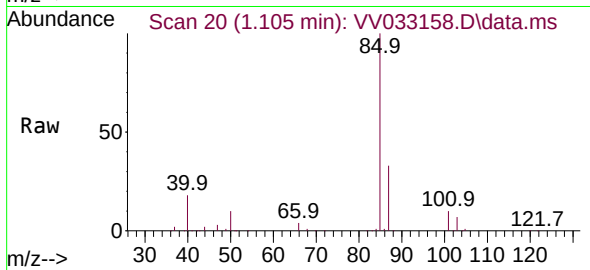




#2
 Dichlorodifluoromethane
 Concen: 50.067 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

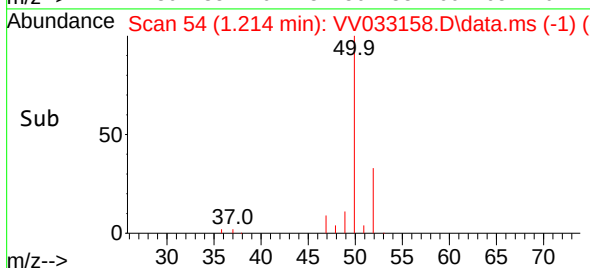
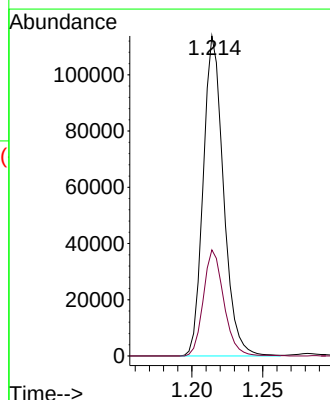
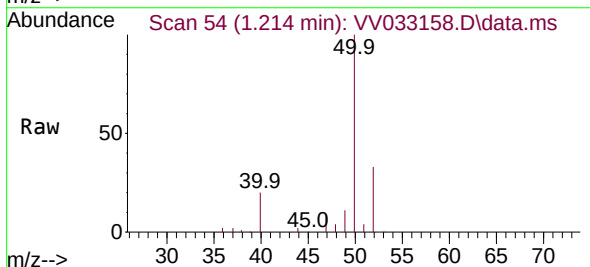
Instrument :
 MSVOA_V
 ClientSampleId :

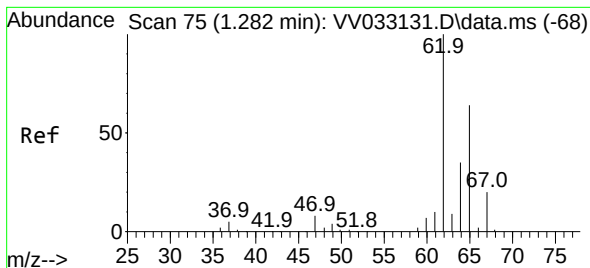
Tgt Ion: 85 Resp: 168295
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 51.097 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

Tgt Ion: 50 Resp: 113281
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4





#5

Vinyl chloride

Concen: 52.364 ug/L

RT: 1.285 min Scan# 75

Delta R.T. 0.003 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

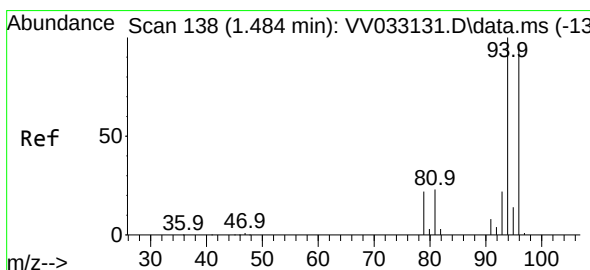
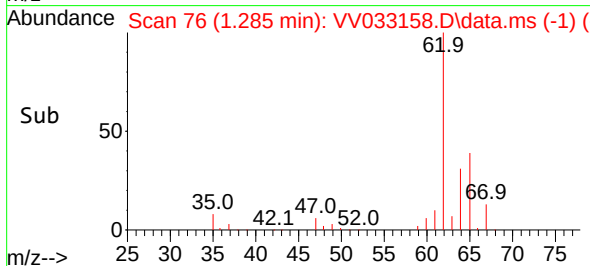
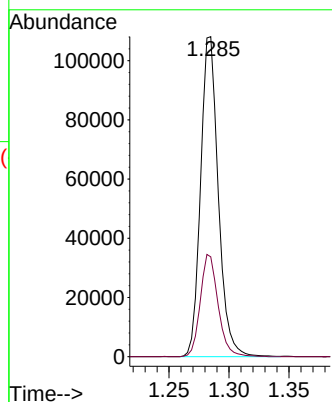
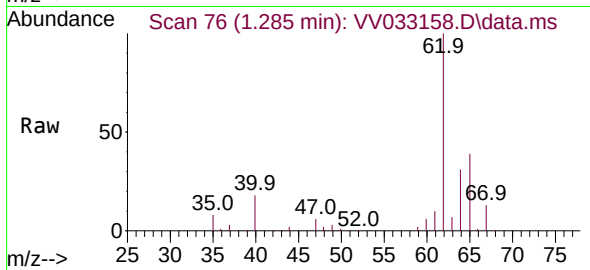
ClientSampleId :

Tgt Ion: 62 Resp: 111336

Ion Ratio Lower Upper

62 100

64 31.2 24.2 45.0



#6

Bromomethane

Concen: 53.187 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV033158.D

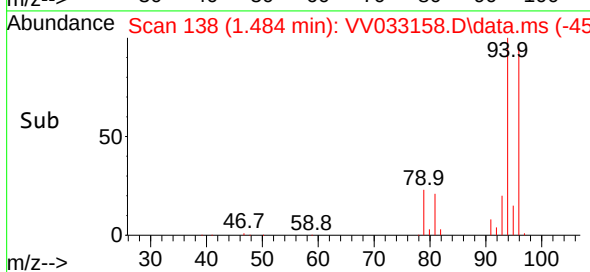
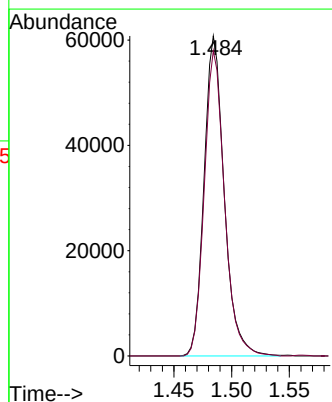
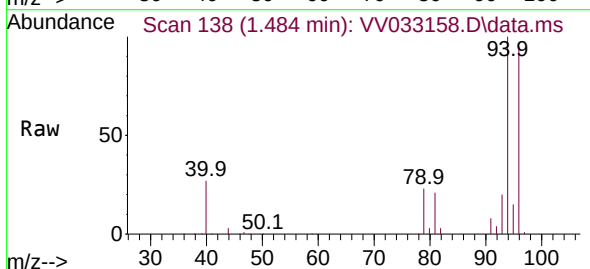
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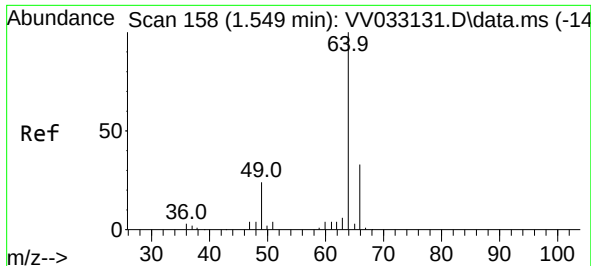
Tgt Ion: 94 Resp: 73791

Ion Ratio Lower Upper

94 100

96 95.4 67.1 124.7

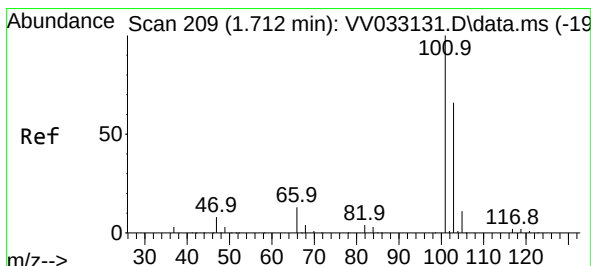
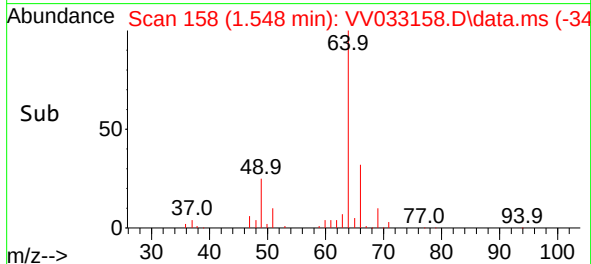
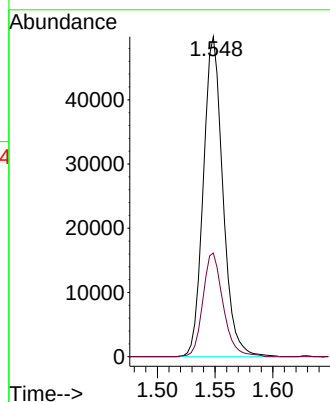
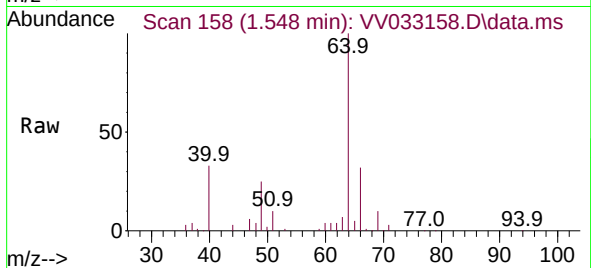




#8
Chloroethane
Concen: 51.907 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

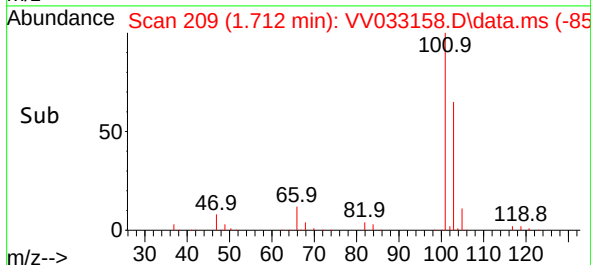
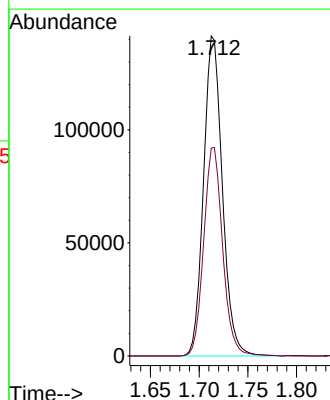
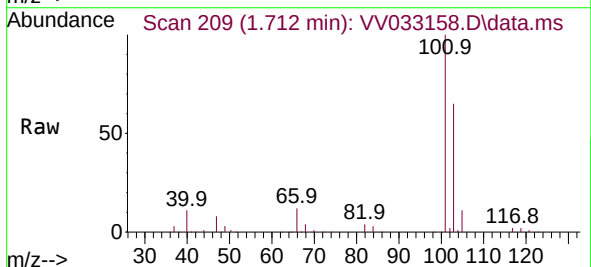
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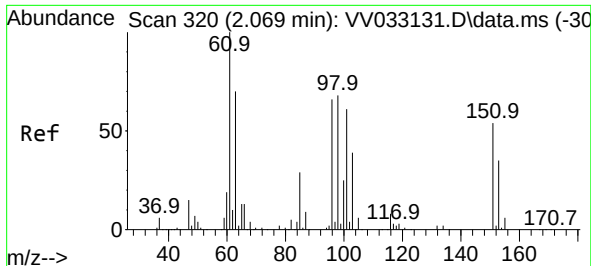
Tgt Ion: 64 Resp: 58758
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 54.276 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 101 Resp: 190426
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

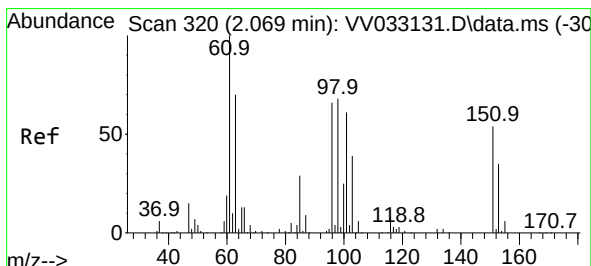
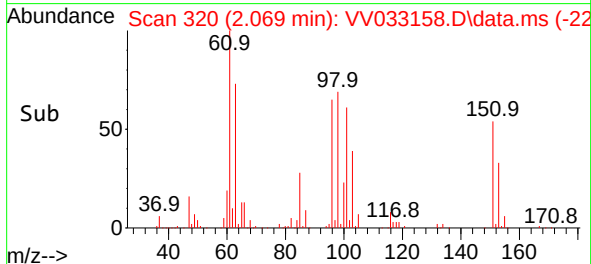
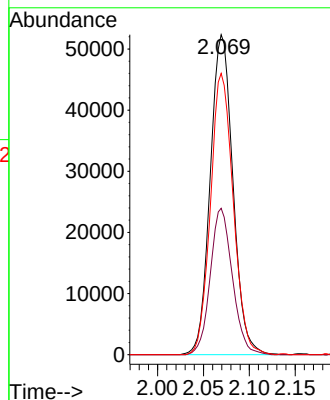
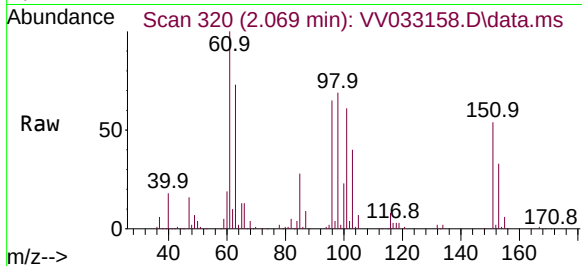




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.730 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033158.D
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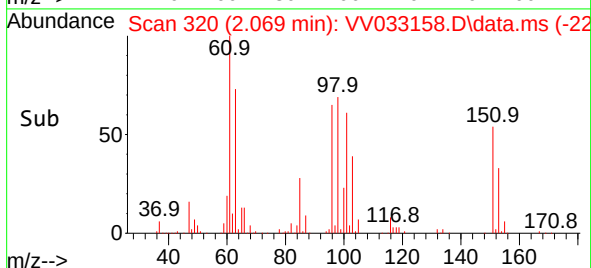
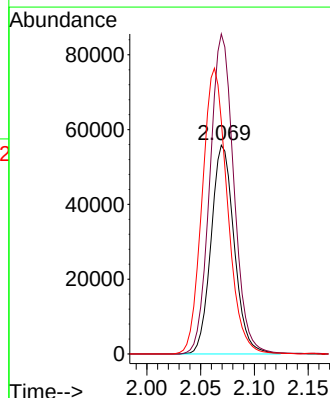
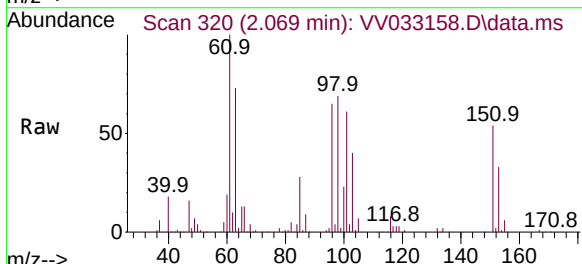
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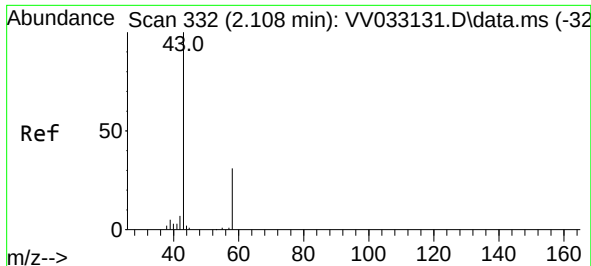
Tgt Ion:101 Resp: 90169
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.0 54.0
 151 88.1 69.1 103.7



#12
 1,1-Dichloroethene
 Concen: 54.237 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

Tgt Ion: 96 Resp: 83618
 Ion Ratio Lower Upper
 96 100
 61 153.2 109.1 202.7
 63 111.5 85.3 158.3





#13

Acetone

Concen: 83.469 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

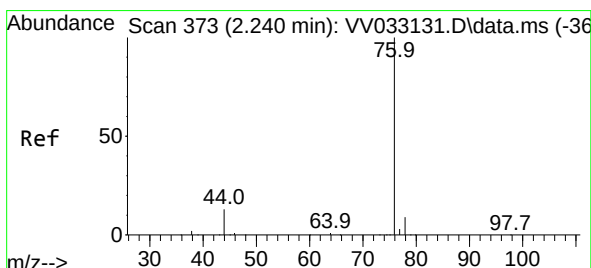
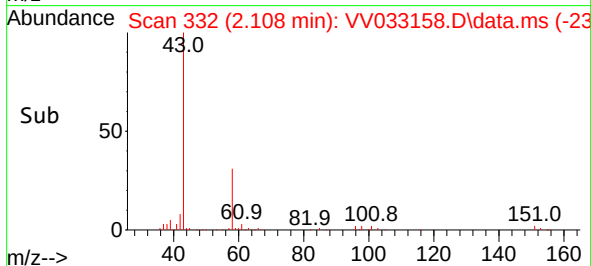
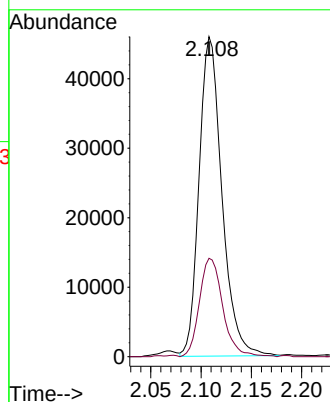
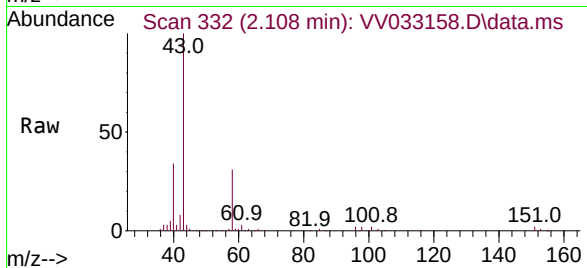
ClientSampleId :

Tgt Ion: 43 Resp: 72757

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



#14

Carbon disulfide

Concen: 48.547 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

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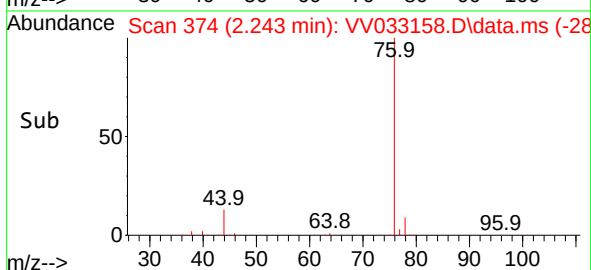
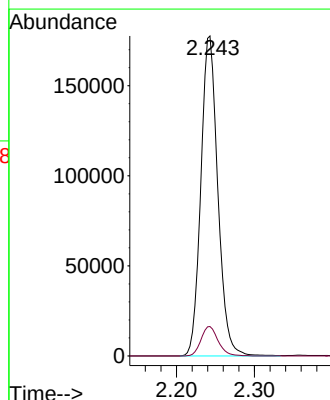
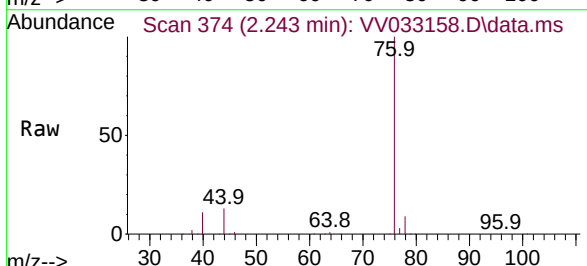
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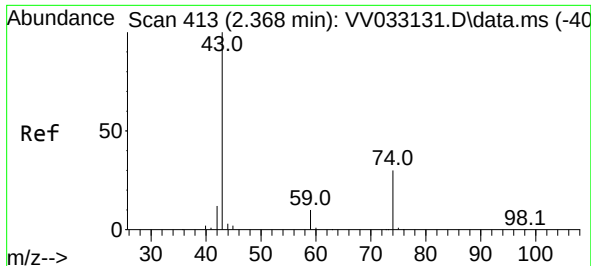
Tgt Ion: 76 Resp: 268534

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

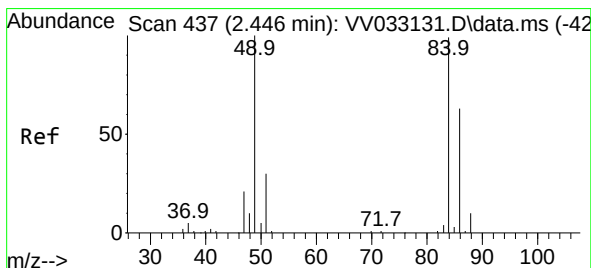
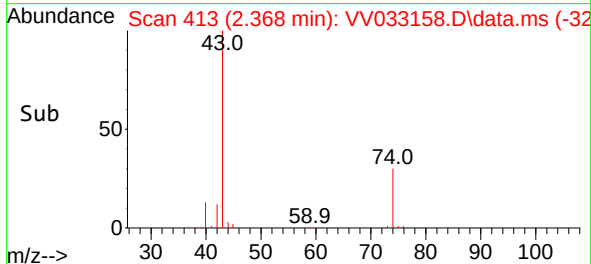
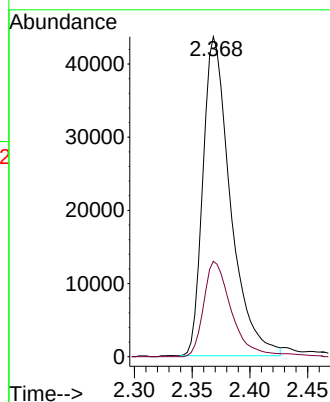
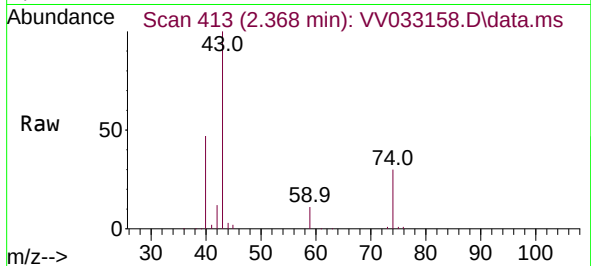




#15
Methyl Acetate
Concen: 49.619 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

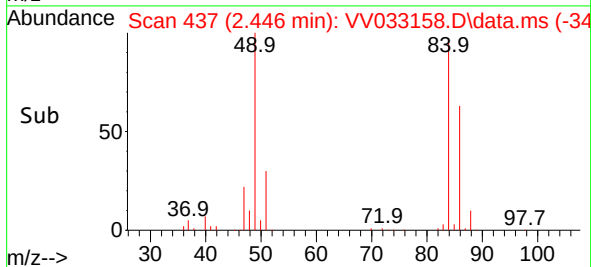
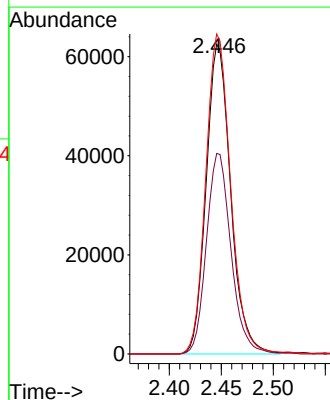
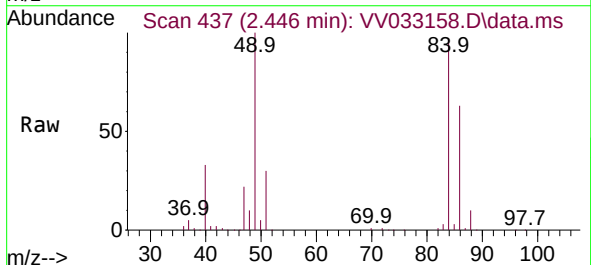
Instrument :
MSVOA_V
ClientSampleId :

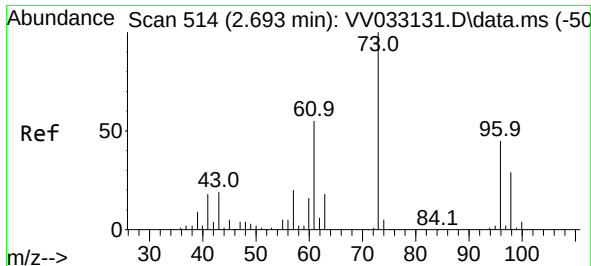
Tgt Ion: 43 Resp: 72087
Ion Ratio Lower Upper
43 100
74 30.7 22.6 33.8



#16
Methylene chloride
Concen: 50.272 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 84 Resp: 102631
Ion Ratio Lower Upper
84 100
86 64.7 45.9 85.3
49 103.3 75.5 140.1





#17

trans-1,2-Dichloroethene

Concen: 52.259 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

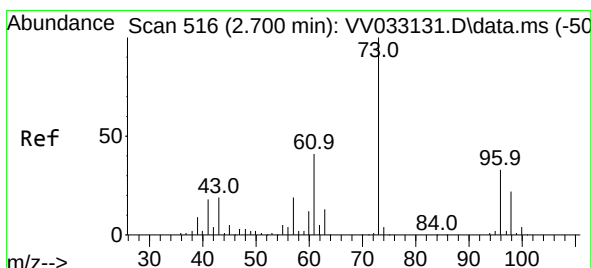
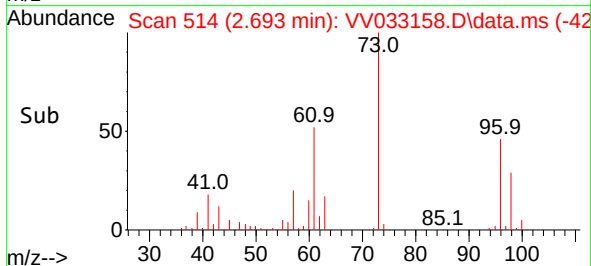
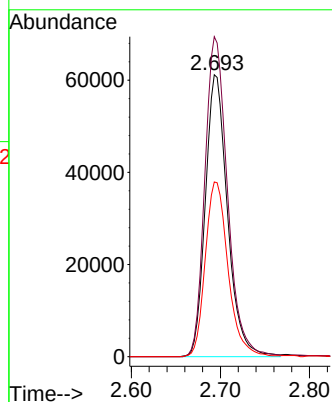
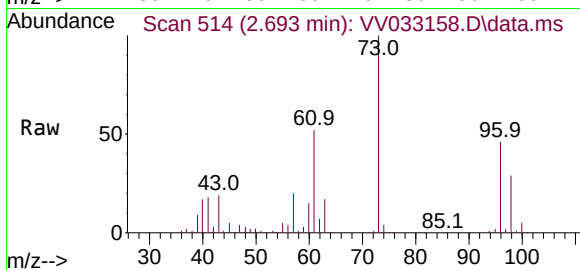
Tgt Ion: 96 Resp: 105785

Ion Ratio Lower Upper

96 100

61 113.5 86.5 160.6

98 61.9 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 53.345 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

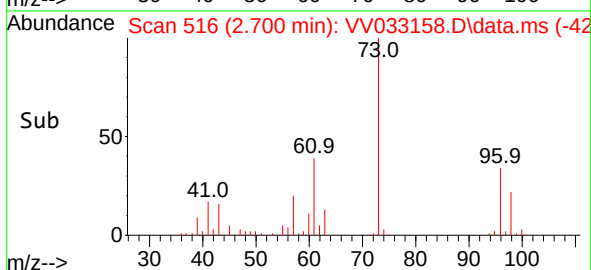
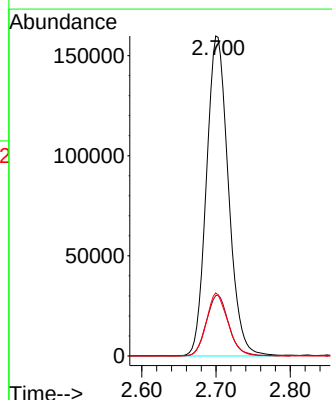
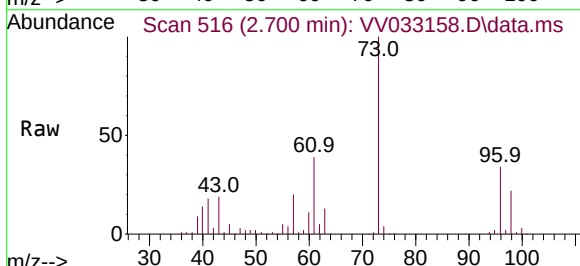
Tgt Ion: 73 Resp: 328033

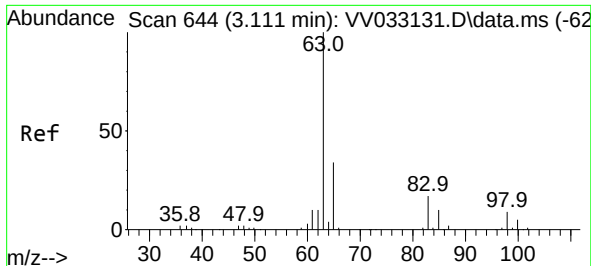
Ion Ratio Lower Upper

73 100

43 19.1 15.4 23.2

57 19.3 16.1 24.1





#19

1,1-Dichloroethane

Concen: 51.664 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

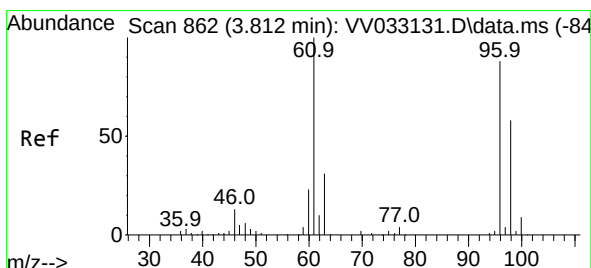
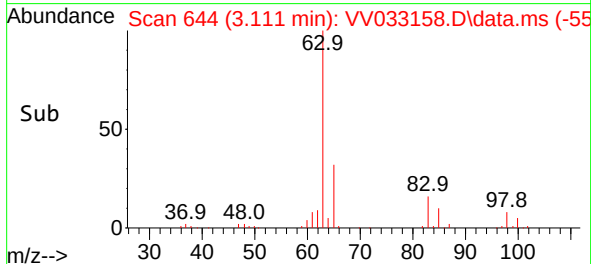
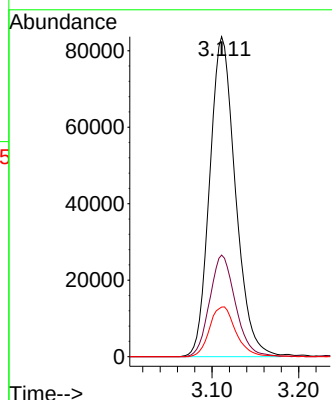
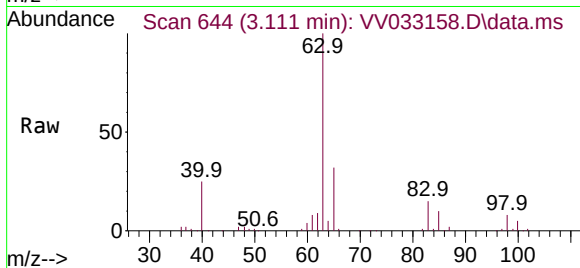
Tgt Ion: 63 Resp: 173091

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.6

83 15.5 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 55.015 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

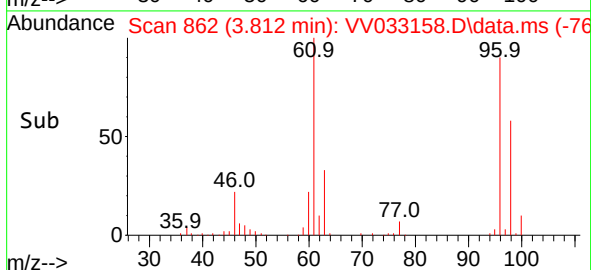
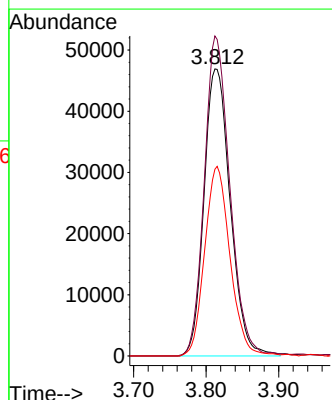
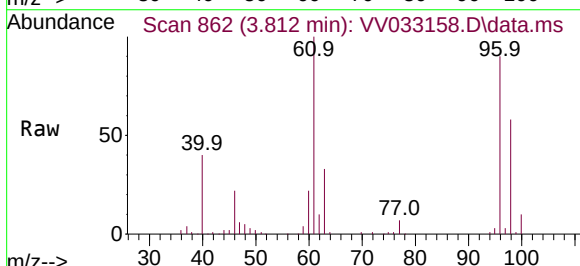
Tgt Ion: 96 Resp: 118164

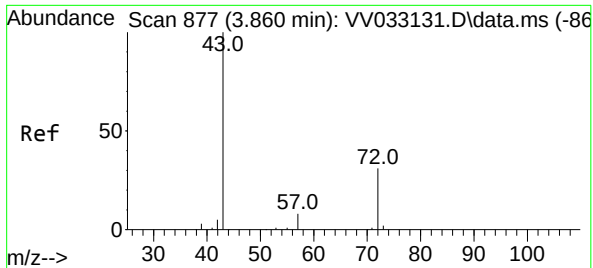
Ion Ratio Lower Upper

96 100

61 111.5 79.1 146.9

98 65.1 45.1 83.7

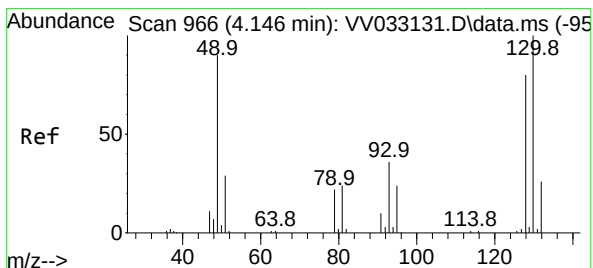
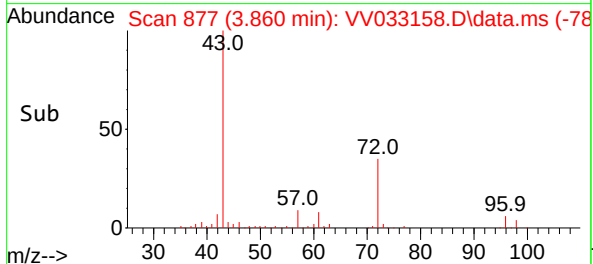
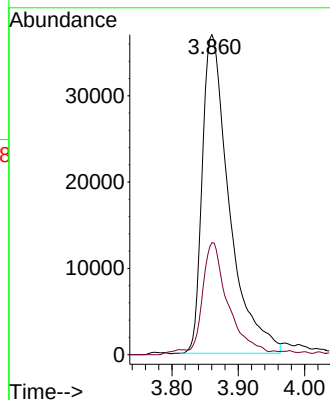
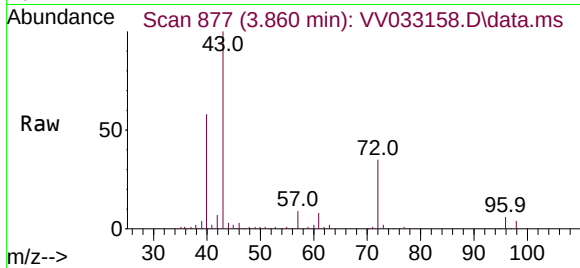




#22
2-Butanone
Concen: 94.198 ug/L
RT: 3.860 min Scan# 877
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

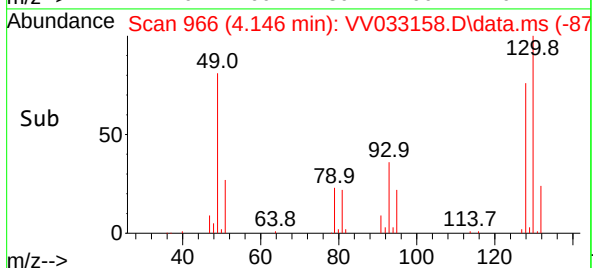
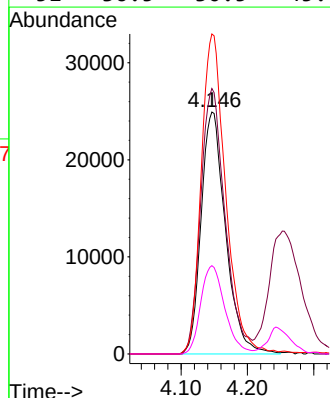
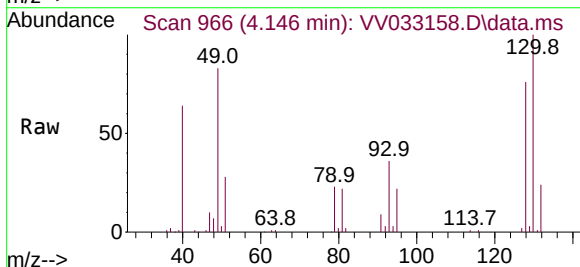
Instrument :
MSVOA_V
ClientSampleId :

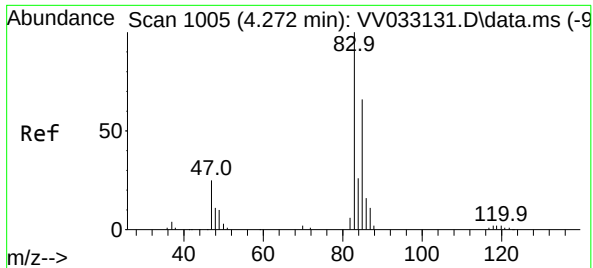
Tgt Ion: 43 Resp: 104493
Ion Ratio Lower Upper
43 100
72 31.5 14.6 43.8



#23
Bromochloromethane
Concen: 51.781 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion:128 Resp: 63861
Ion Ratio Lower Upper
128 100
49 109.7 81.7 151.7
130 132.3 90.1 167.3
51 36.5 30.5 45.7

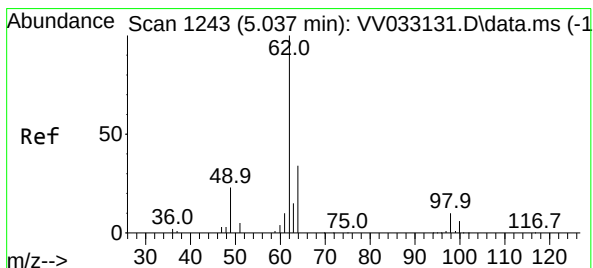
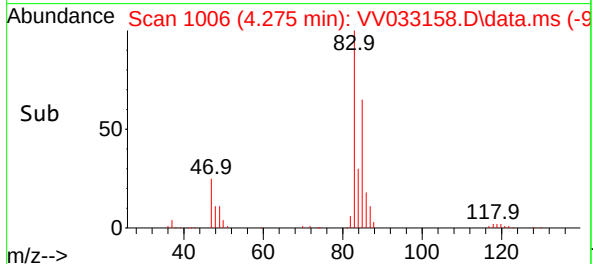
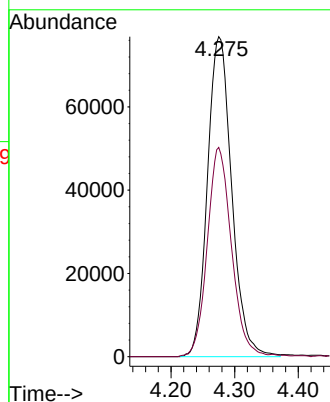
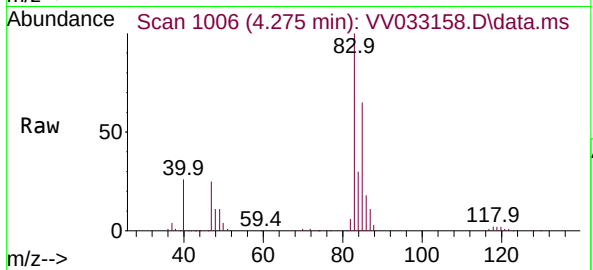




#25
Chloroform
Concen: 52.874 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

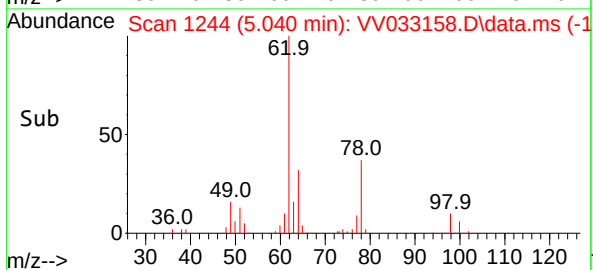
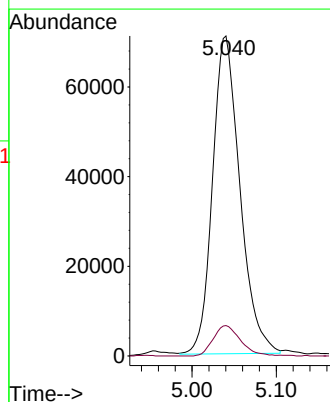
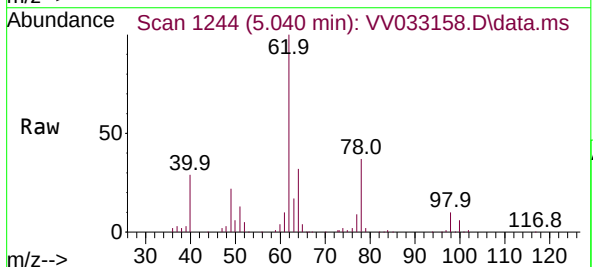
Instrument :
MSVOA_V
ClientSampleId :

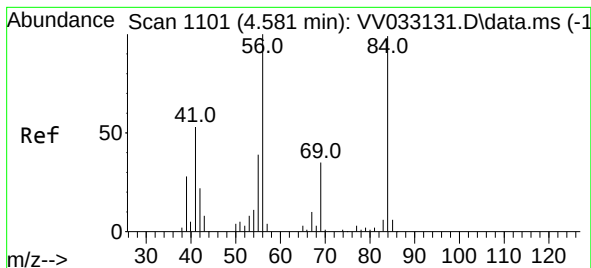
Tgt Ion: 83 Resp: 203730
Ion Ratio Lower Upper
83 100
85 65.4 43.5 80.7



#27
1,2-Dichloroethane
Concen: 52.532 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 62 Resp: 159950
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 50.697 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

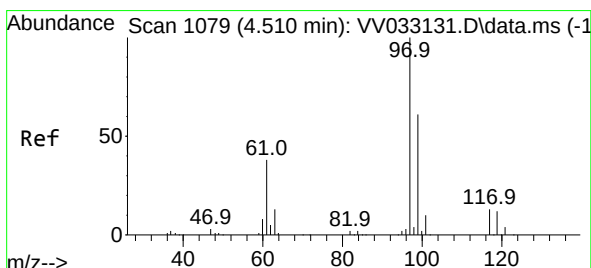
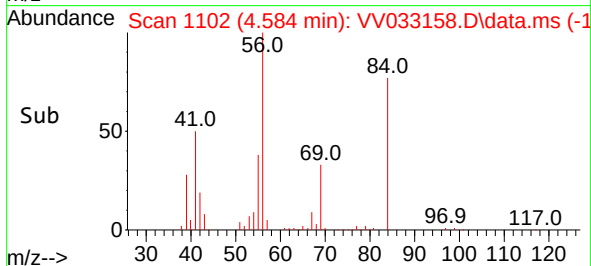
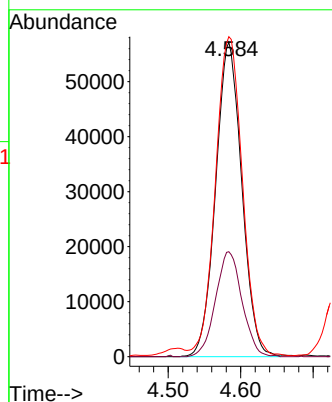
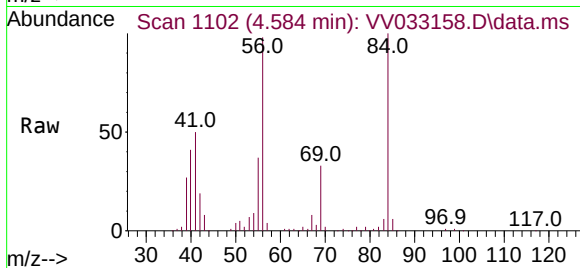
Tgt Ion: 56 Resp: 142748

Ion Ratio Lower Upper

56 100

69 33.8 26.9 40.3

84 103.3 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 53.756 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

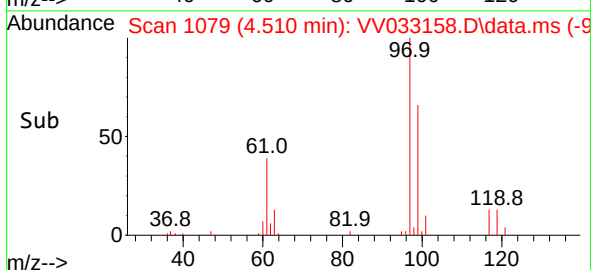
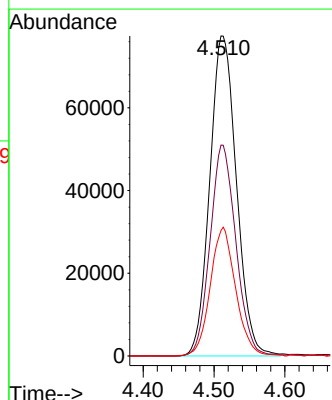
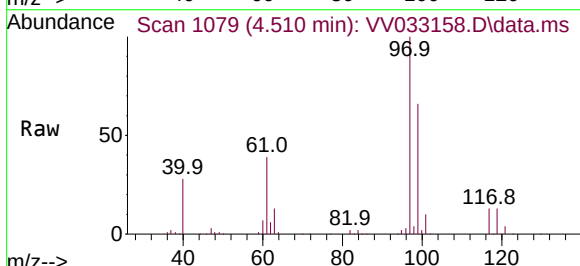
Tgt Ion: 97 Resp: 202525

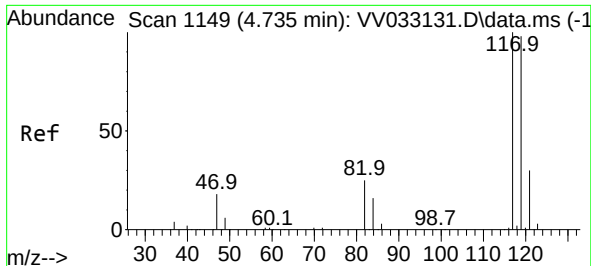
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 38.3 31.8 47.8

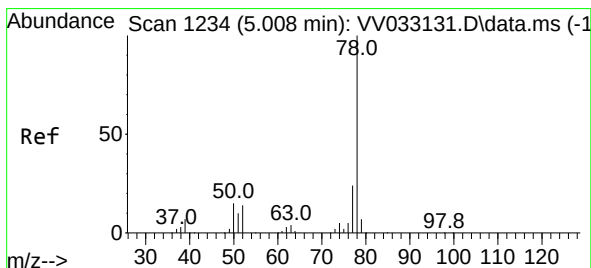
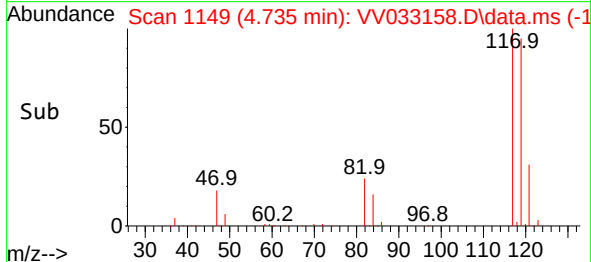
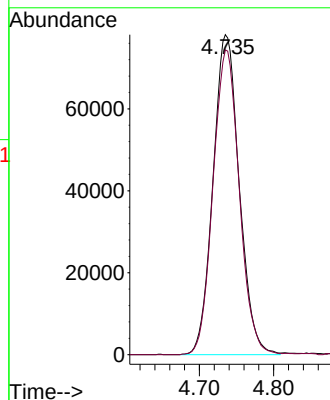
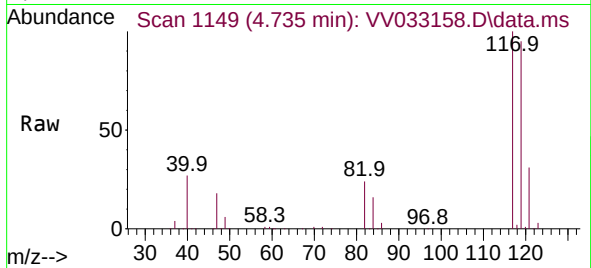




#31
Carbon tetrachloride
Concen: 54.686 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

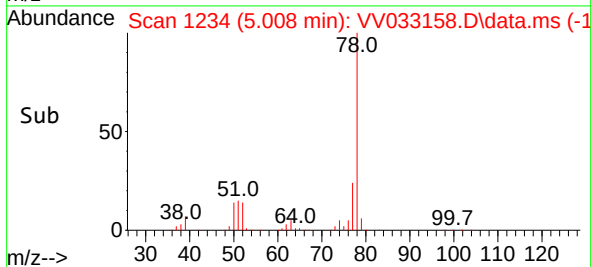
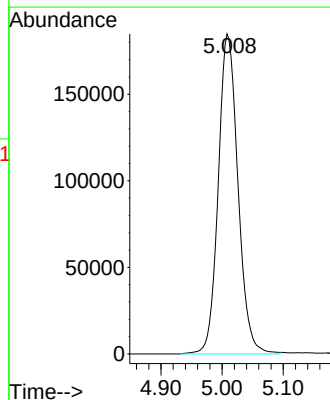
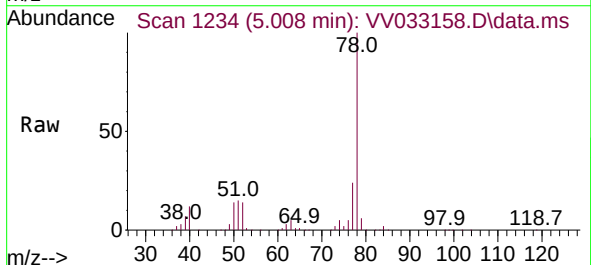
Instrument :
MSVOA_V
ClientSampleId :

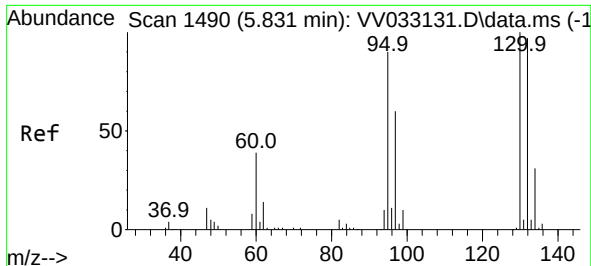
Tgt Ion:117 Resp: 191570
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3



#33
Benzene
Concen: 53.637 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

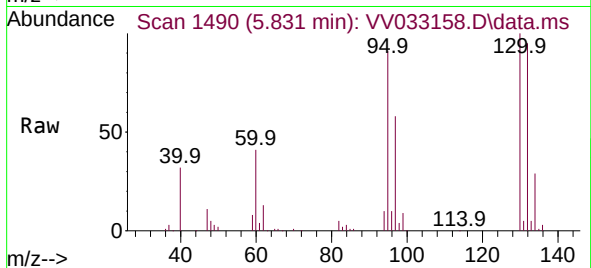
Tgt Ion: 78 Resp: 414349



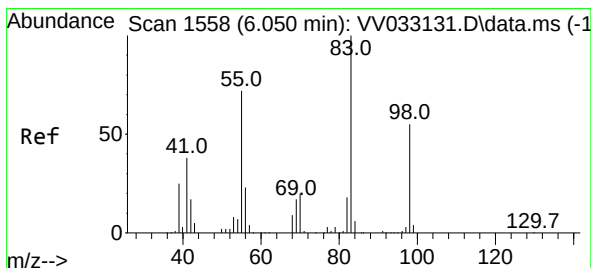
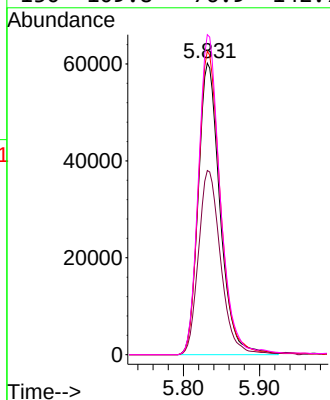
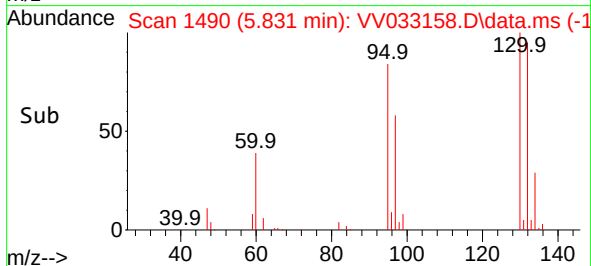


#34
Trichloroethene
Concen: 51.699 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

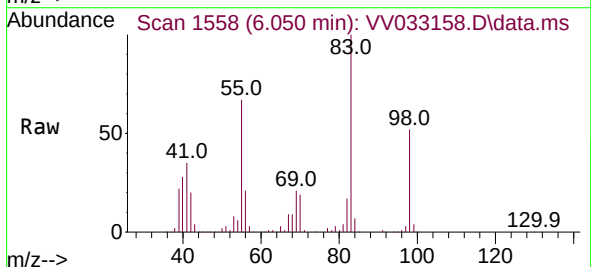
Instrument :
MSVOA_V
ClientSampleId :



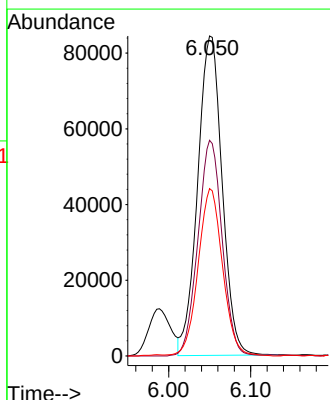
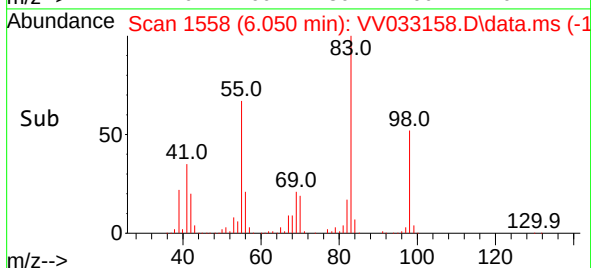
Tgt Ion: 95 Resp: 119317
Ion Ratio Lower Upper
95 100
97 63.2 45.8 85.0
132 104.1 77.4 143.8
130 109.8 76.9 142.7

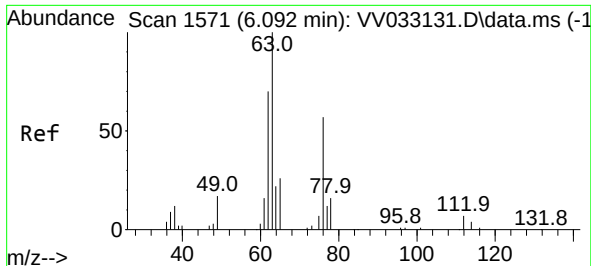


#35
Methylcyclohexane
Concen: 52.212 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41



Tgt Ion: 83 Resp: 174887
Ion Ratio Lower Upper
83 100
55 66.6 54.8 82.2
98 52.3 41.4 62.0

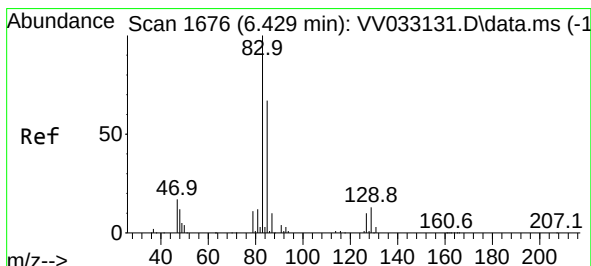
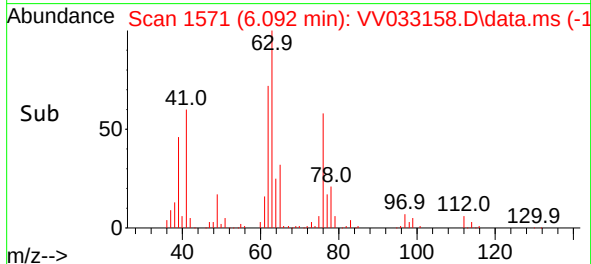
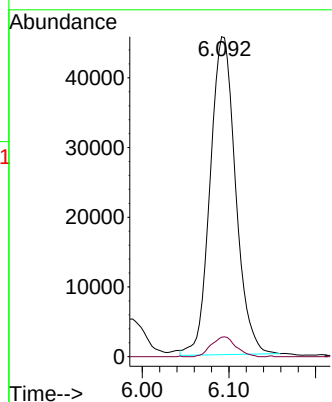
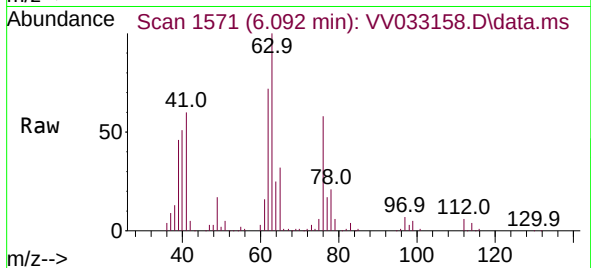




#37
1,2-Dichloropropane
Concen: 52.080 ug/L
RT: 6.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

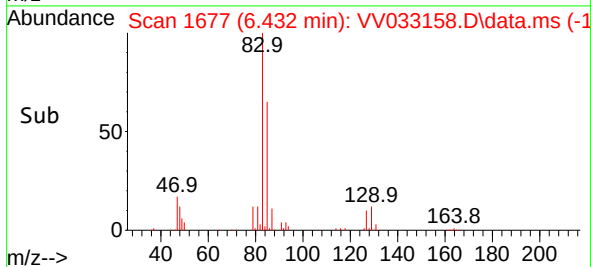
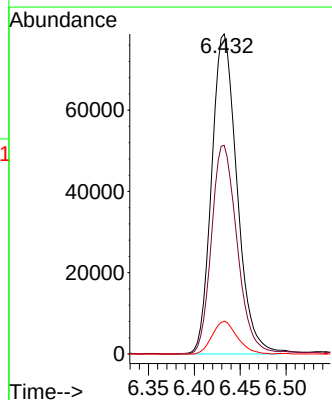
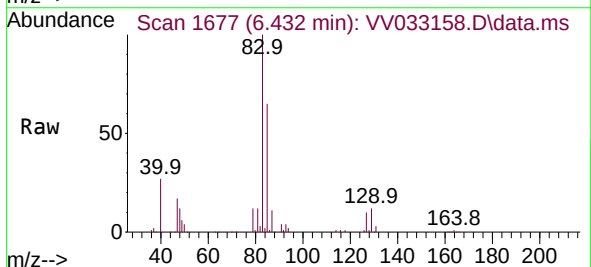
Instrument :
MSVOA_V
ClientSampleId :

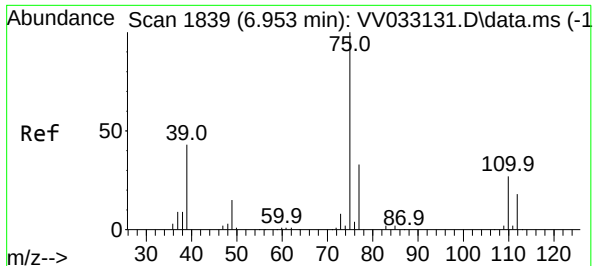
Tgt Ion: 63 Resp: 93111
Ion Ratio Lower Upper
63 100
112 6.0 4.6 6.8



#38
Bromodichloromethane
Concen: 52.675 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 83 Resp: 151823
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6
127 10.2 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 53.292 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

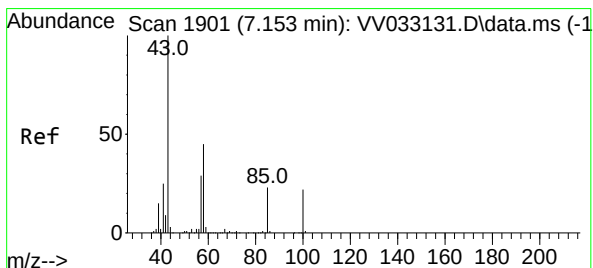
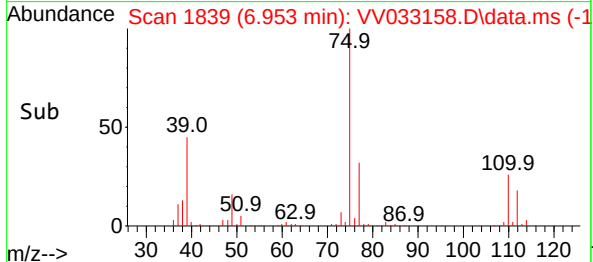
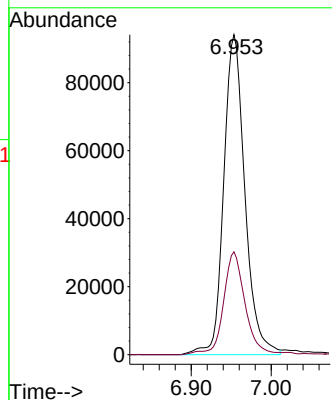
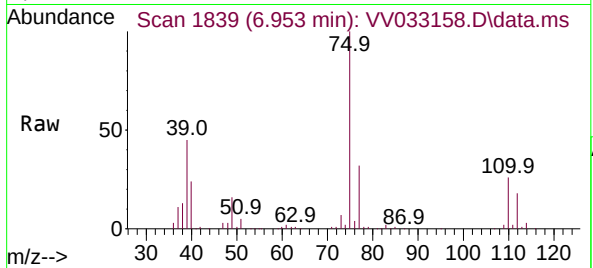
ClientSampleId :

Tgt Ion: 75 Resp: 172886

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 109.317 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

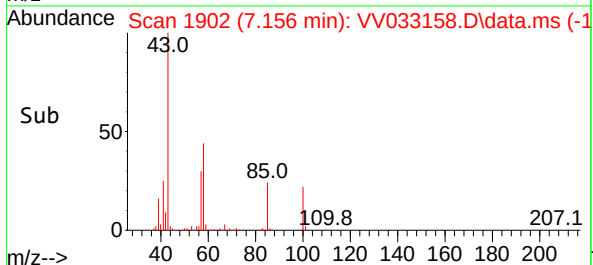
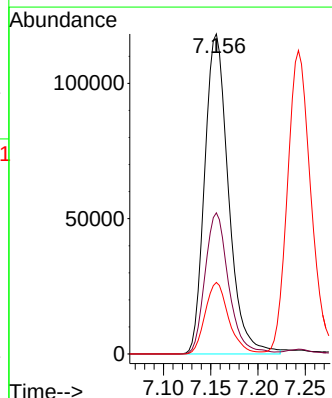
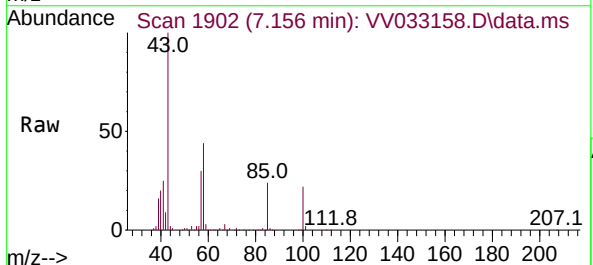
Tgt Ion: 43 Resp: 207512

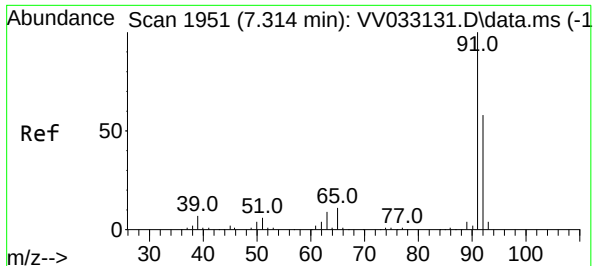
Ion Ratio Lower Upper

43 100

58 43.7 34.5 51.7

100 22.1 17.0 25.6





#42

Toluene

Concen: 54.293 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

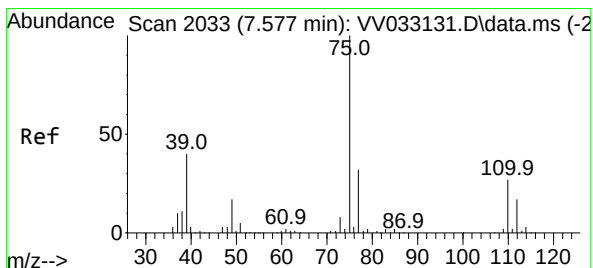
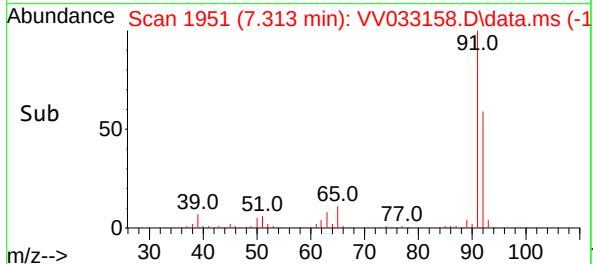
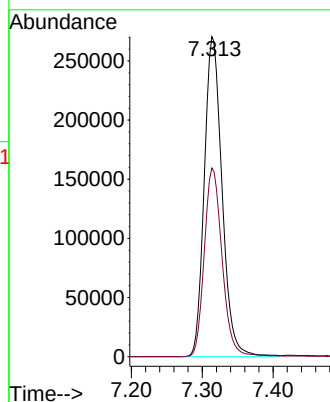
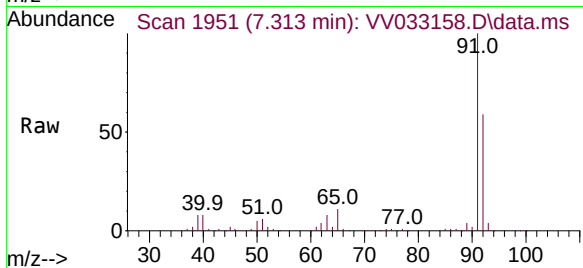
ClientSampleId :

Tgt Ion: 91 Resp: 472630

Ion Ratio Lower Upper

91 100

92 58.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 53.268 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033158.D

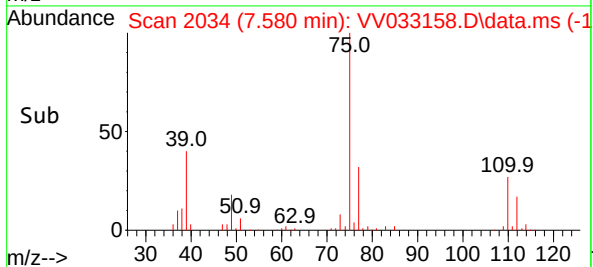
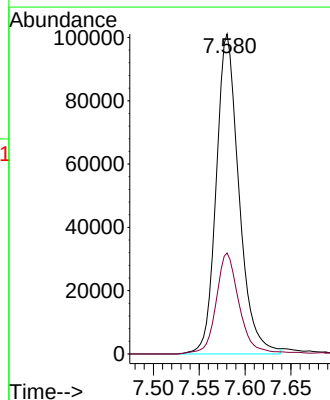
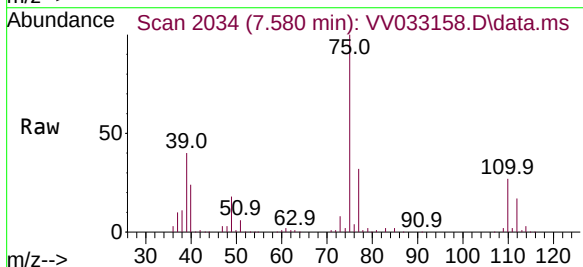
Acq: 07 Dec 2023 19:41

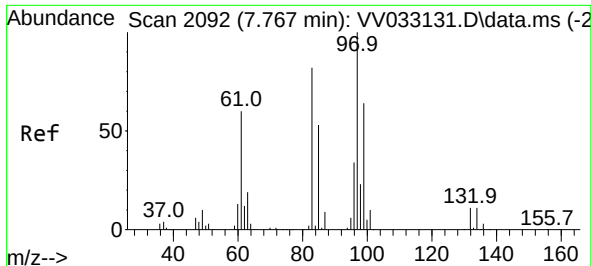
Tgt Ion: 75 Resp: 174741

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



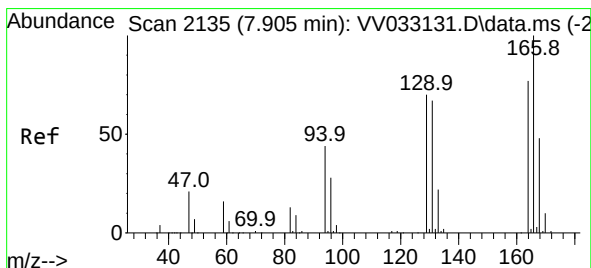
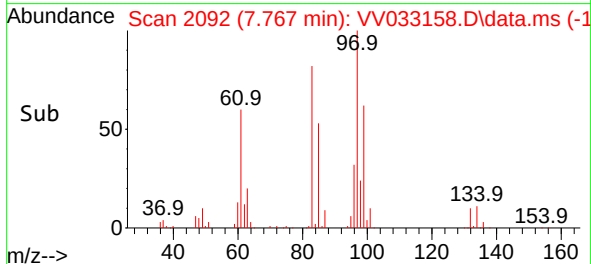
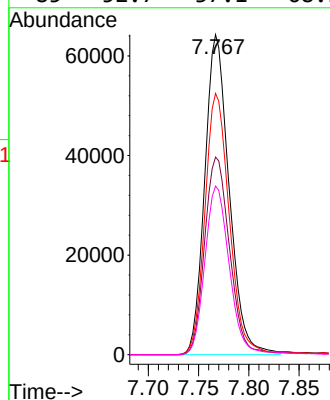
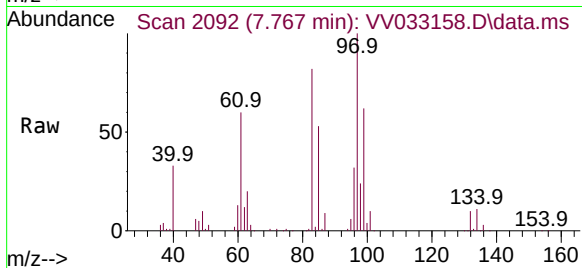


#45
1,1,2-Trichloroethane
Concen: 52.307 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 108431

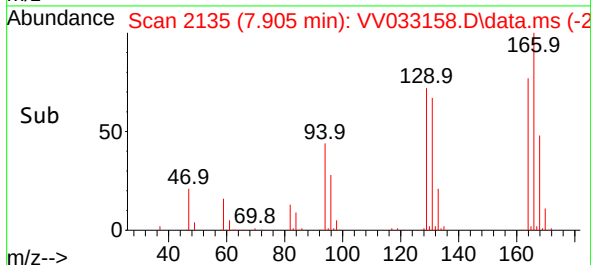
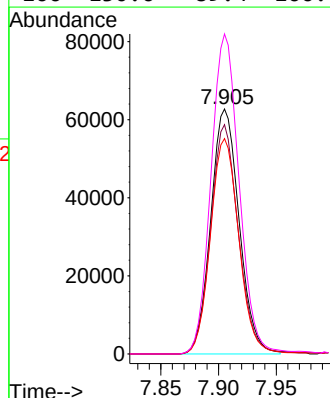
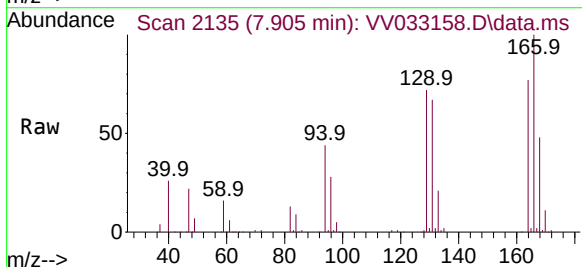
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.2	80.2
83	81.7	55.8	103.6
85	52.7	37.1	68.9

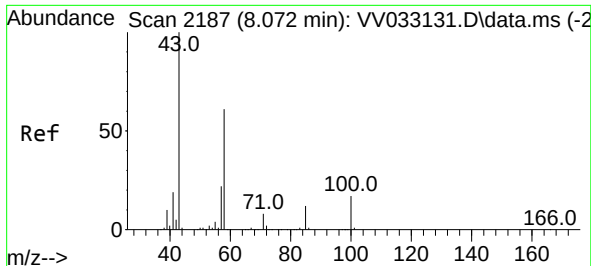


#46
Tetrachloroethene
Concen: 54.158 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 164 Resp: 107448

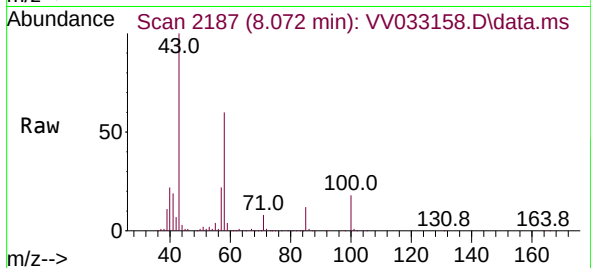
Ion	Ratio	Lower	Upper
164	100		
129	93.6	65.6	121.8
131	87.9	64.7	120.1
166	130.6	89.4	166.0



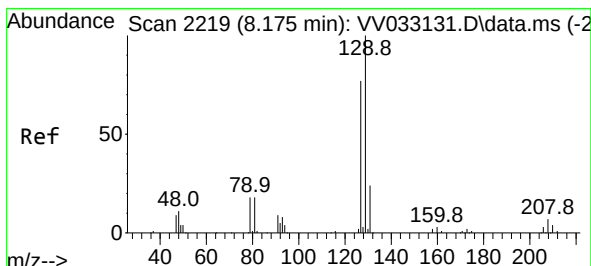
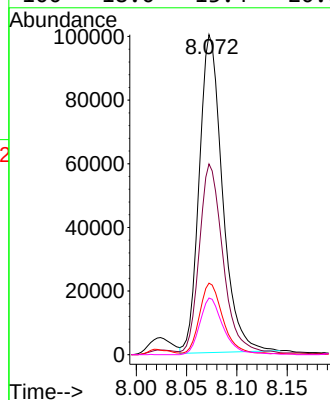
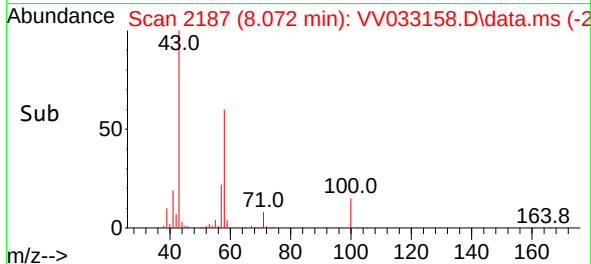


#48
2-Hexanone
Concen: 102.126 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Instrument :
MSVOA_V
ClientSampleId :

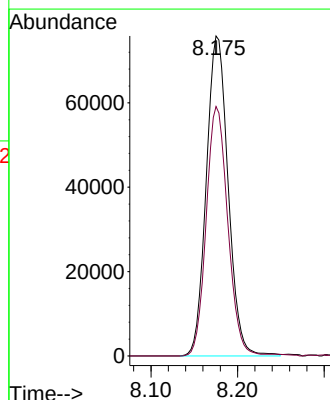
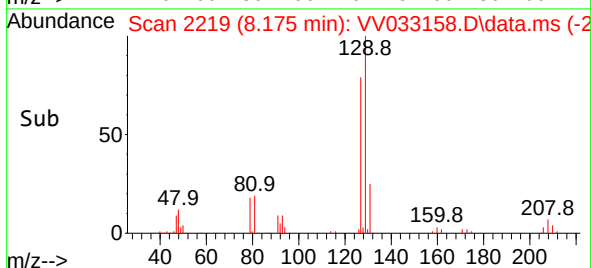
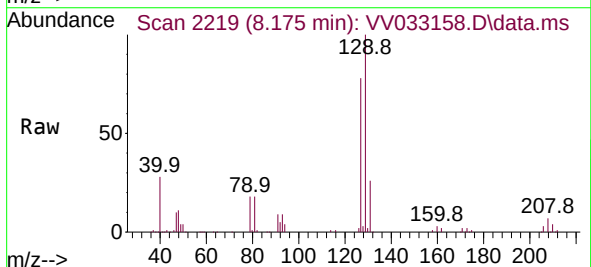


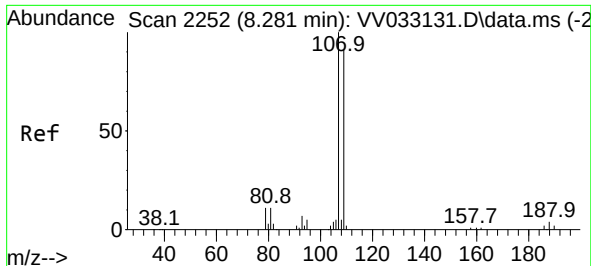
Tgt Ion: 43 Resp: 160731
Ion Ratio Lower Upper
43 100
58 59.5 47.9 71.9
57 21.8 17.4 26.0
100 18.0 13.4 20.0



#49
Dibromochloromethane
Concen: 53.772 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 129 Resp: 133066
Ion Ratio Lower Upper
129 100
127 77.9 54.1 100.5





#50

1,2-Dibromoethane

Concen: 53.580 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033158.D

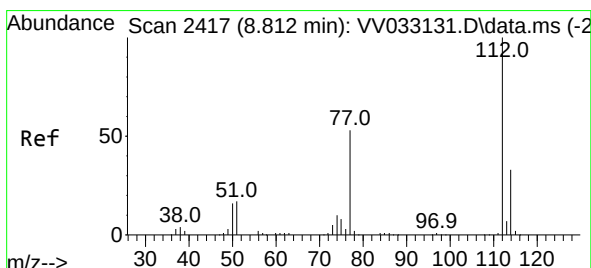
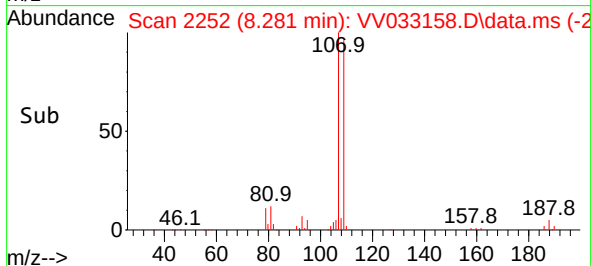
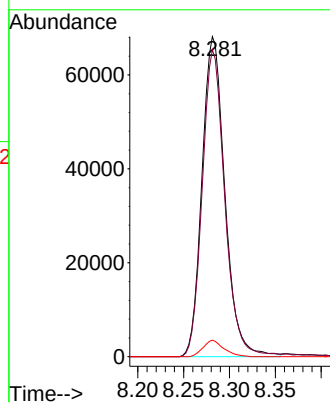
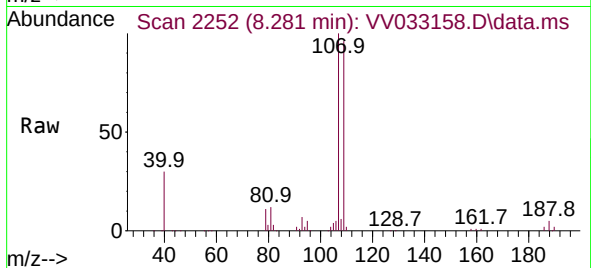
Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	118414
Ion Ratio	Lower	Upper
107	100	
109	95.9	65.2 121.2
188	5.1	3.8 5.6



#51

Chlorobenzene

Concen: 52.902 ug/L

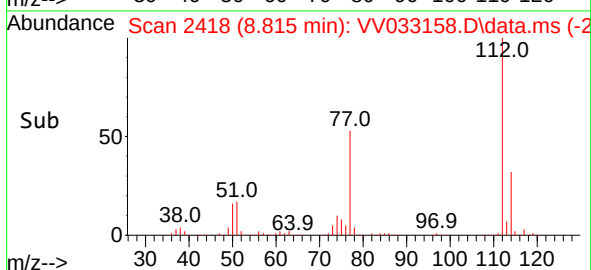
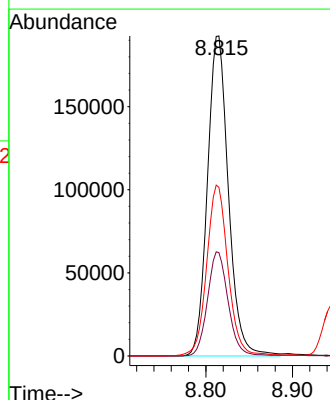
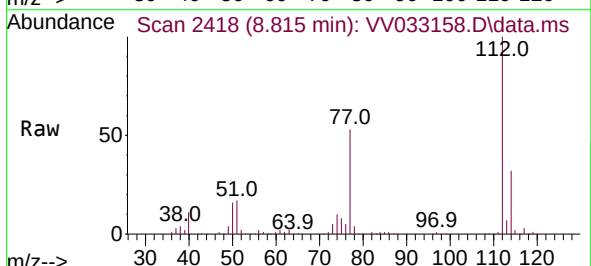
RT: 8.815 min Scan# 2418

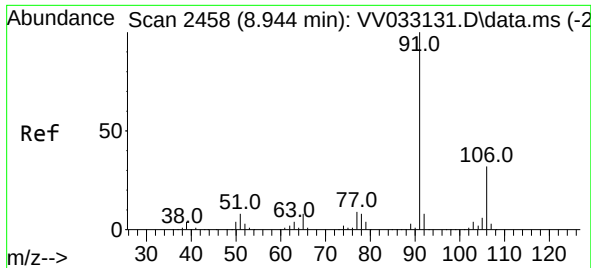
Delta R.T. 0.003 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Tgt Ion:112	Resp:	323846
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.9 42.5
77	52.7	42.6 64.0

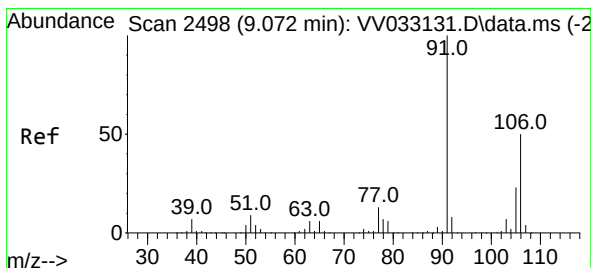
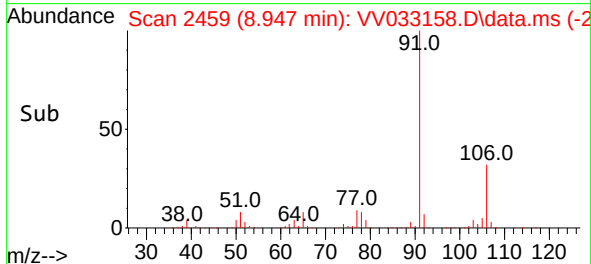
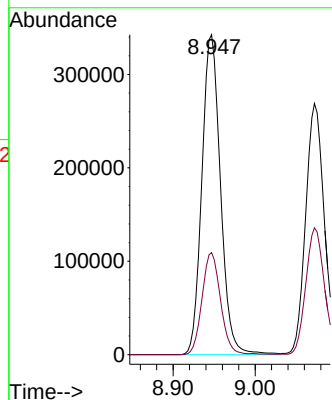
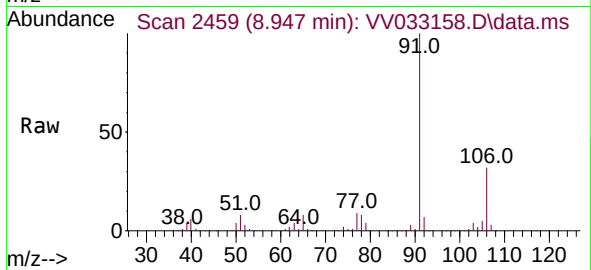




#52
Ethylbenzene
Concen: 53.925 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

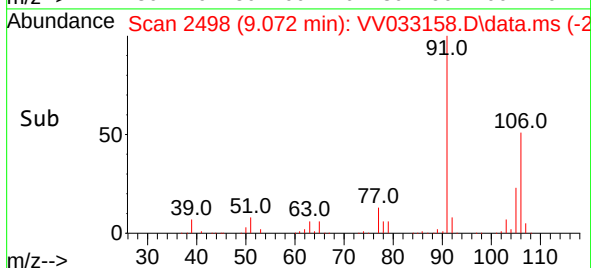
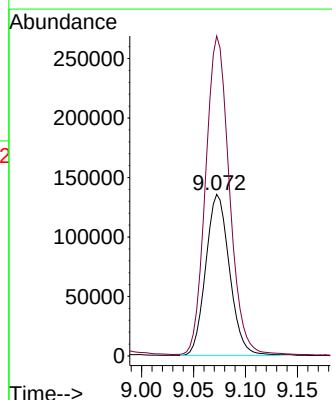
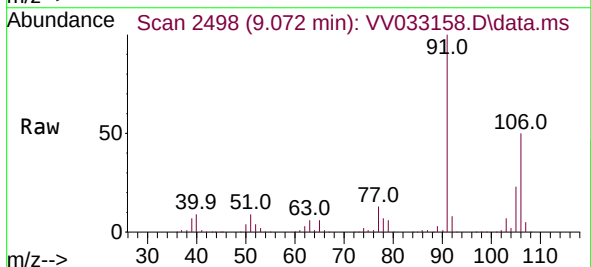
Instrument :
MSVOA_V
ClientSampleId :

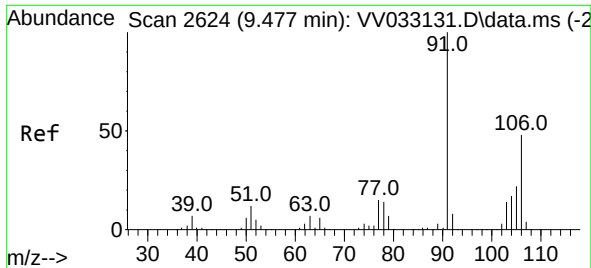
Tgt Ion: 91 Resp: 540327
Ion Ratio Lower Upper
91 100
106 31.9 22.6 42.0



#53
m,p-Xylene
Concen: 54.221 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 106 Resp: 215152
Ion Ratio Lower Upper
106 100
91 198.1 145.2 269.6

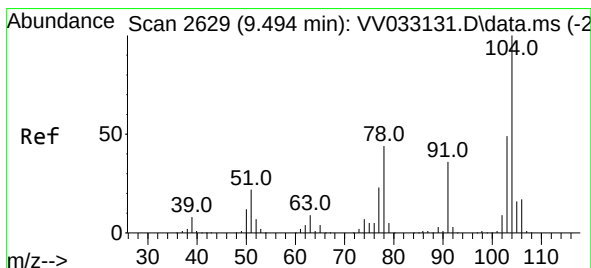
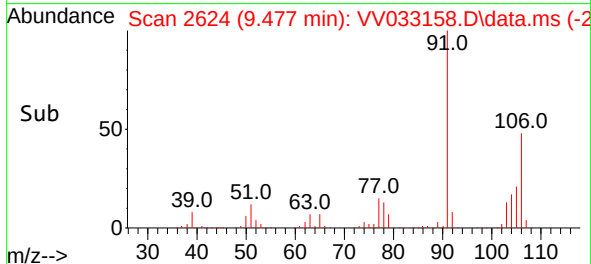
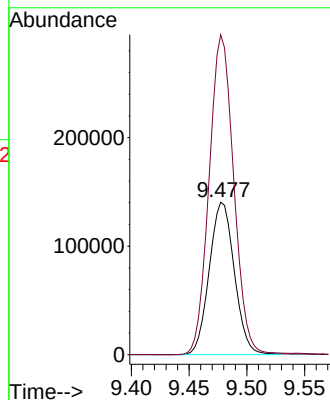
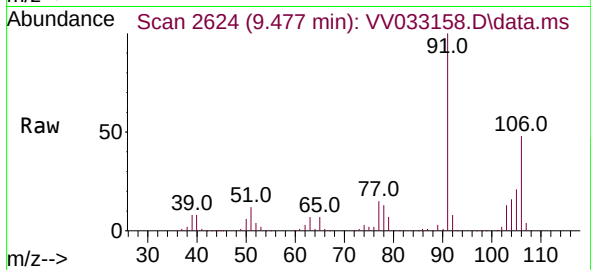




#54
o-Xylene
Concen: 54.284 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

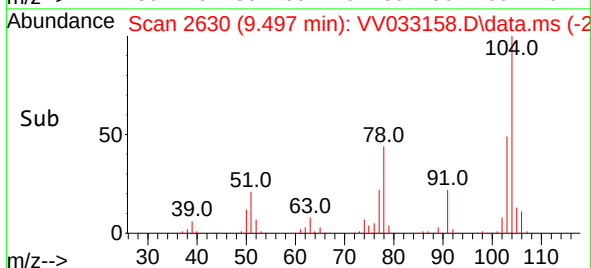
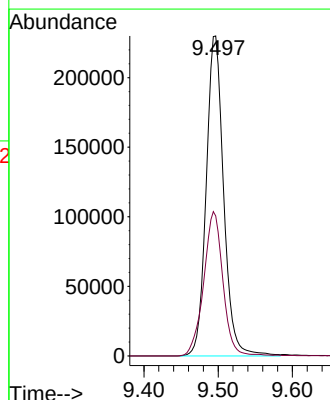
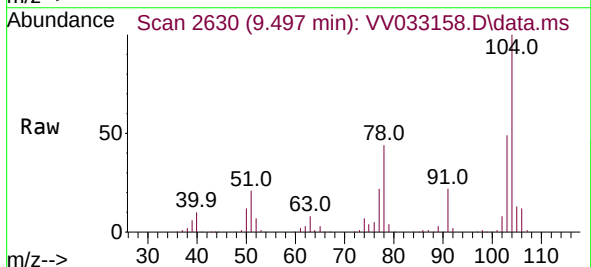
Instrument :
MSVOA_V
ClientSampleId :

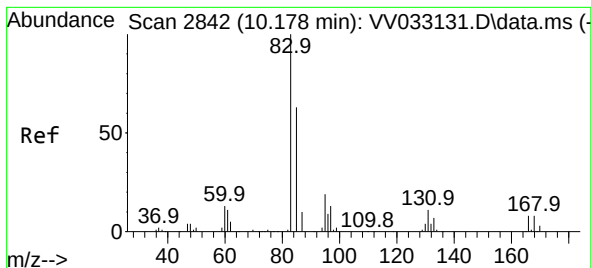
Tgt Ion:106 Resp: 212555
Ion Ratio Lower Upper
106 100
91 209.8 147.8 274.6



#55
Styrene
Concen: 55.381 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion:104 Resp: 375131
Ion Ratio Lower Upper
104 100
78 43.8 30.2 56.0

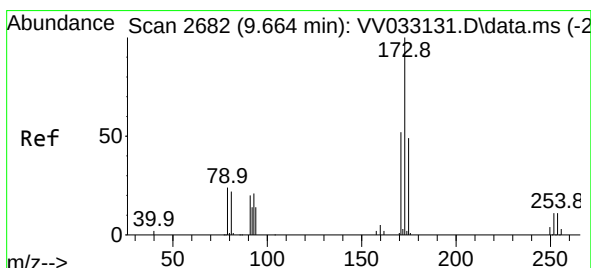
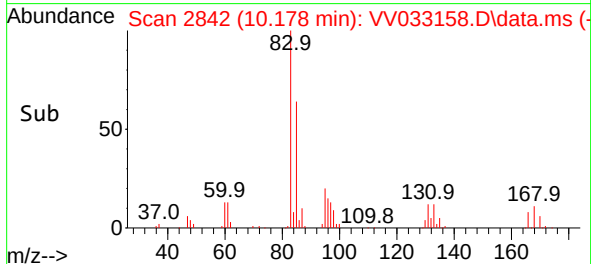
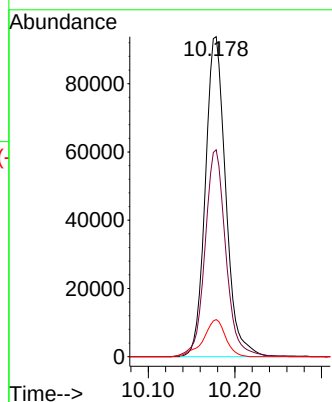
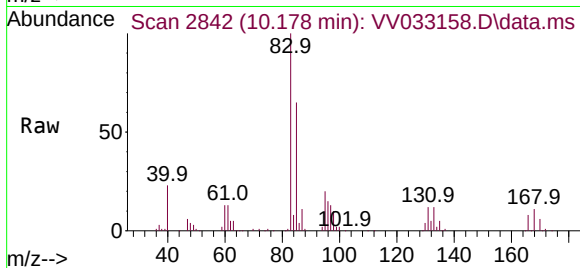




#57
 1,1,2,2-Tetrachloroethane
 Concen: 54.113 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

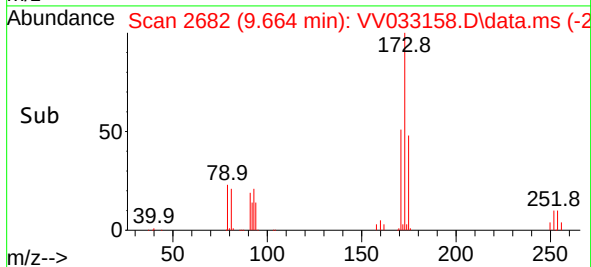
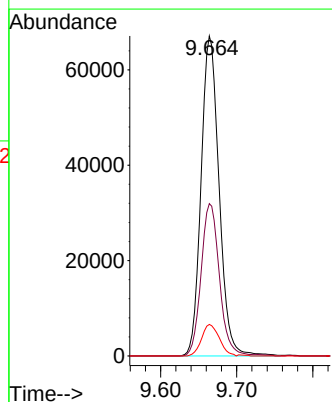
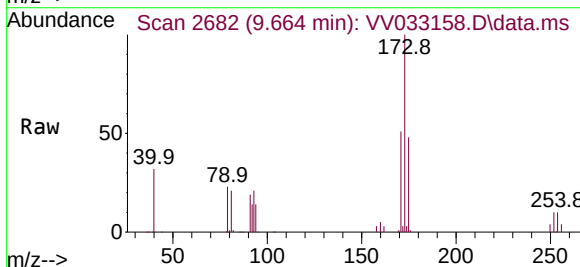
Instrument :
 MSVOA_V
 ClientSampleId :

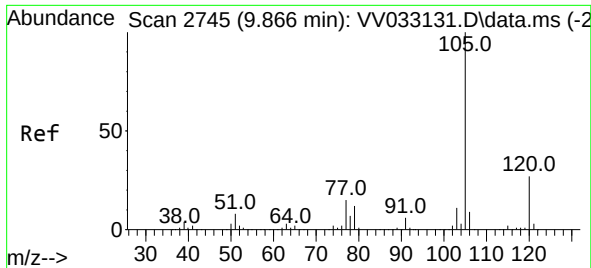
Tgt Ion: 83 Resp: 153260
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.5 84.5
 131 11.6 9.7 14.5



#59
 Bromoform
 Concen: 54.969 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

Tgt Ion: 173 Resp: 110652
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.7 58.1
 254 9.7 8.0 12.0

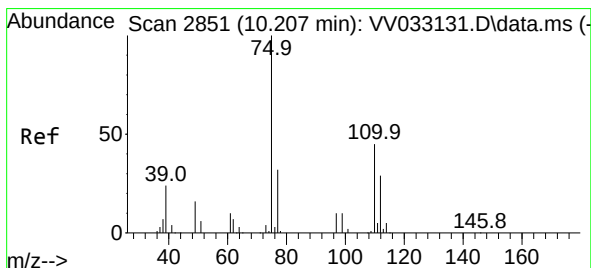
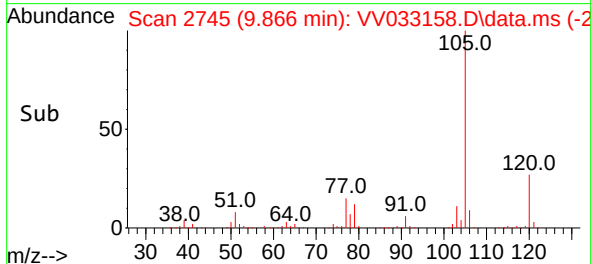
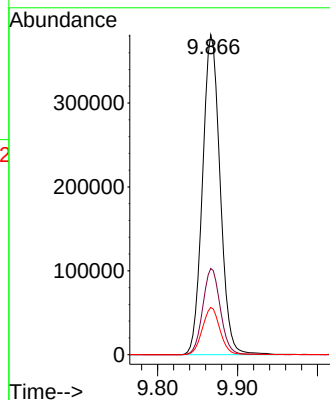
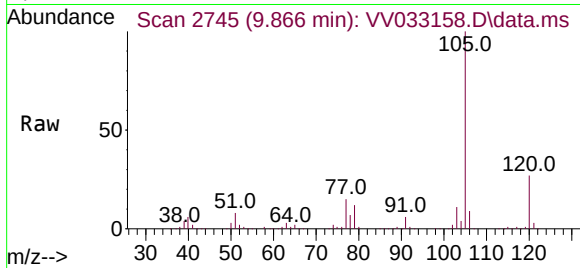




#60
Isopropylbenzene
Concen: 54.719 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

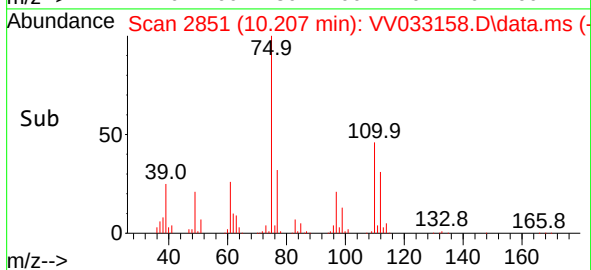
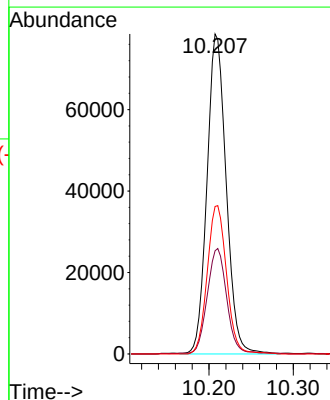
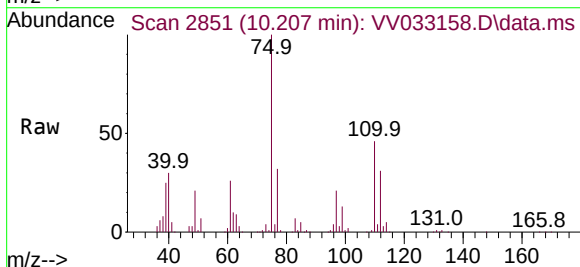
Instrument :
MSVOA_V
ClientSampleId :

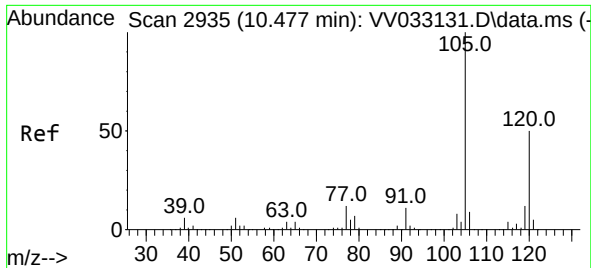
Tgt Ion:105 Resp: 585173
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.882 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion: 75 Resp: 124613
Ion Ratio Lower Upper
75 100
77 32.9 27.0 40.6
110 46.6 38.1 57.1

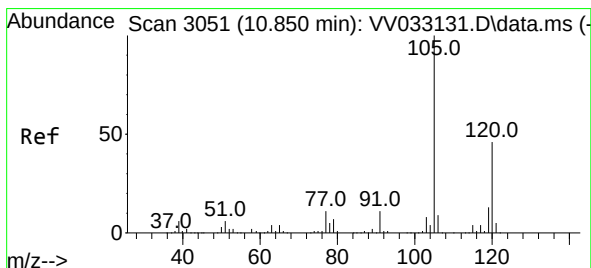
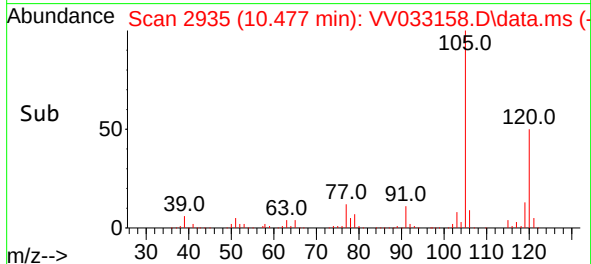
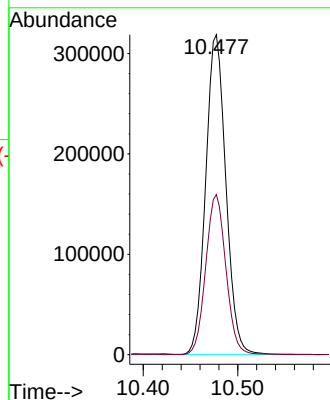
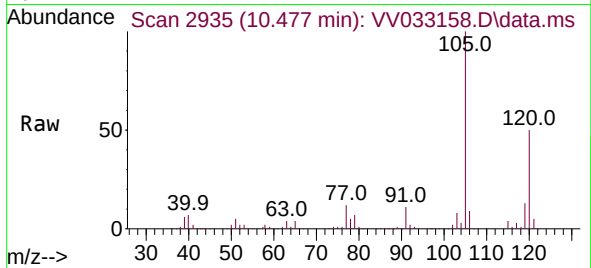




#62
1,3,5-Trimethylbenzene
Concen: 54.694 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

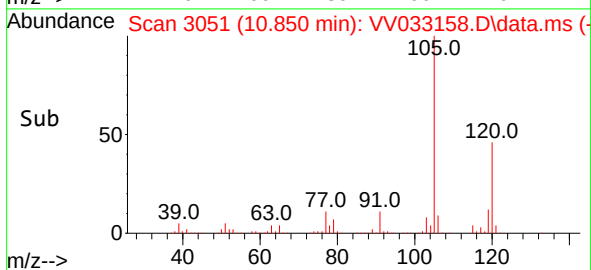
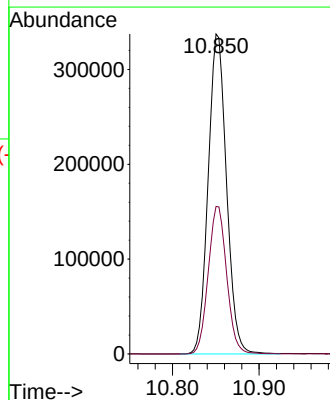
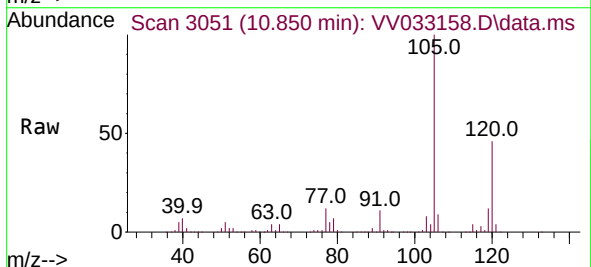
Instrument :
MSVOA_V
ClientSampleId :

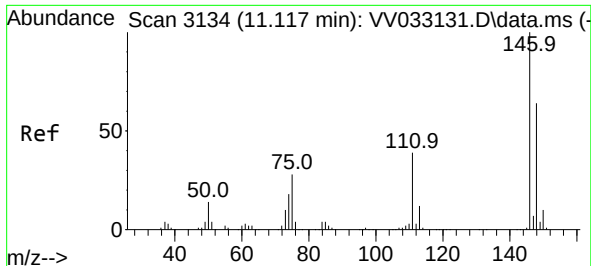
Tgt Ion:105 Resp: 471250
Ion Ratio Lower Upper
105 100
120 50.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 55.267 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion:105 Resp: 495927
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1

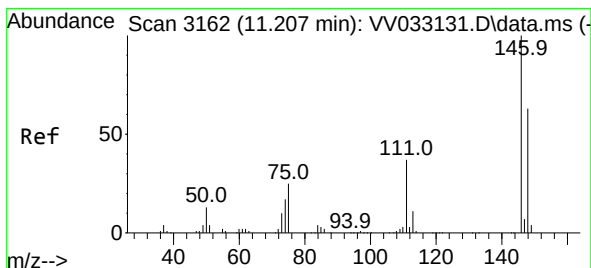
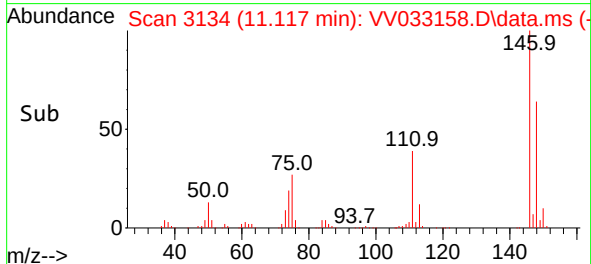
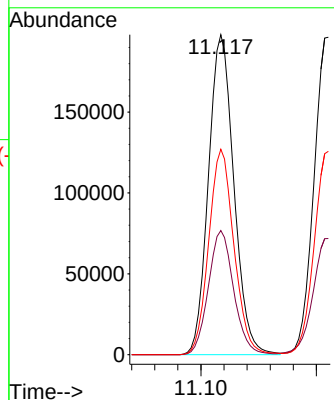
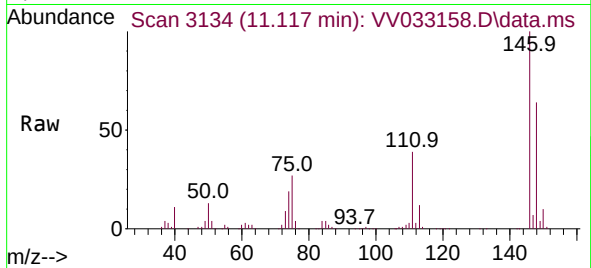




#64
1,3-Dichlorobenzene
Concen: 52.982 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

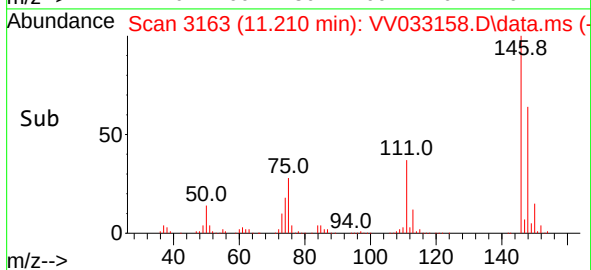
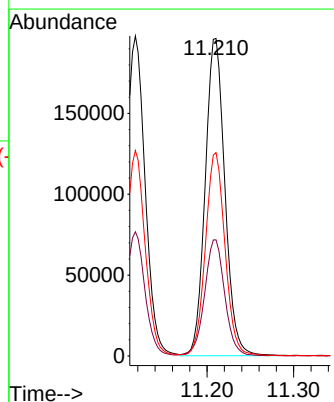
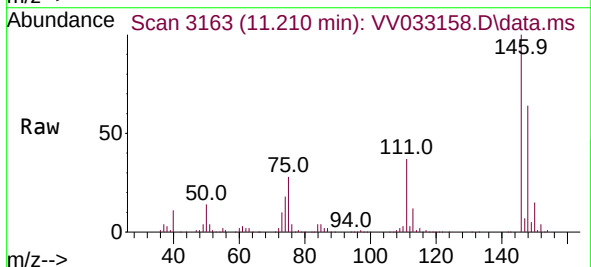
Instrument :
MSVOA_V
ClientSampleId :

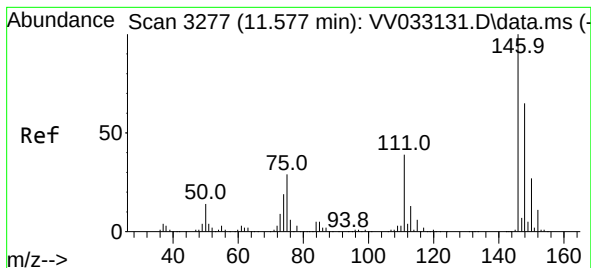
Tgt Ion:146 Resp: 302704
Ion Ratio Lower Upper
146 100
111 38.8 26.2 48.6
148 64.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 52.179 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033158.D
Acq: 07 Dec 2023 19:41

Tgt Ion:146 Resp: 309674
Ion Ratio Lower Upper
146 100
111 36.6 25.9 48.1
148 64.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 52.975 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

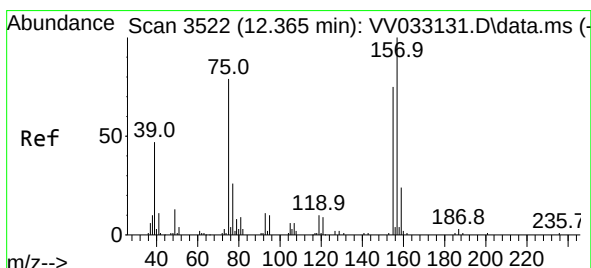
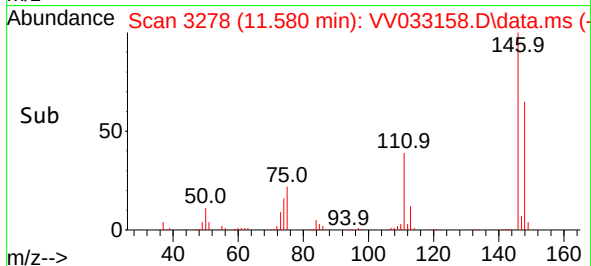
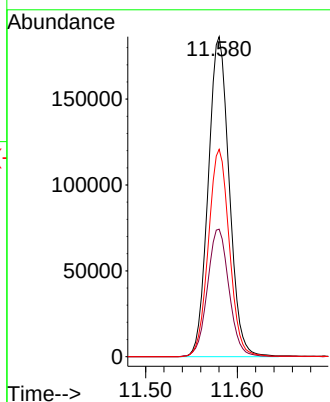
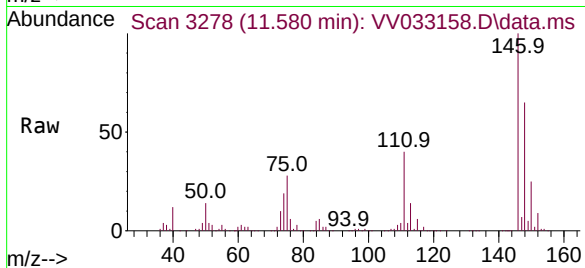
Tgt Ion:146 Resp: 296718

Ion Ratio Lower Upper

146 100

111 39.9 32.4 48.6

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 54.758 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

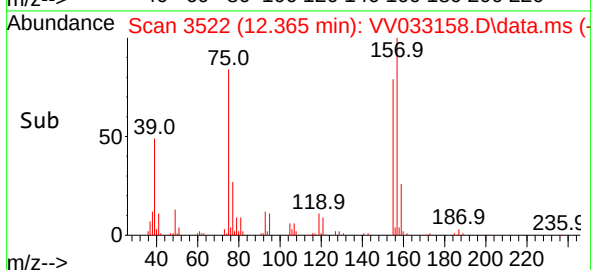
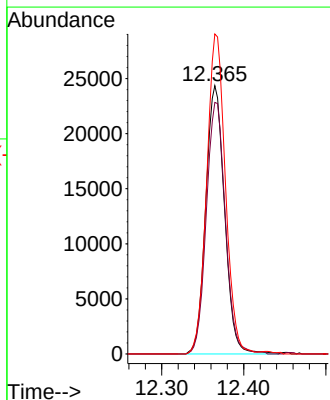
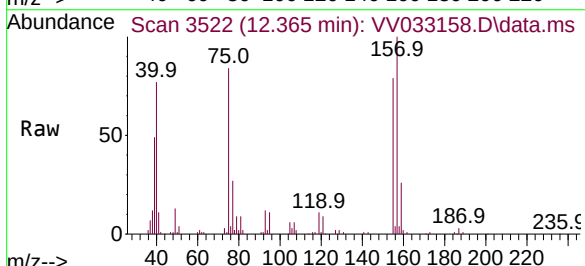
Tgt Ion: 75 Resp: 38858

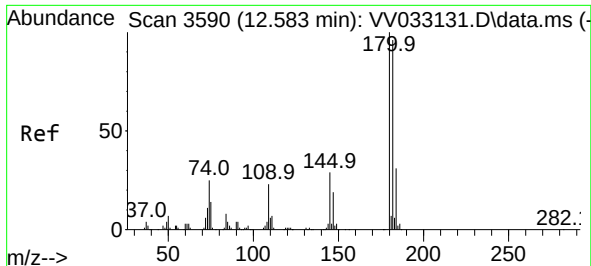
Ion Ratio Lower Upper

75 100

155 93.7 75.8 113.6

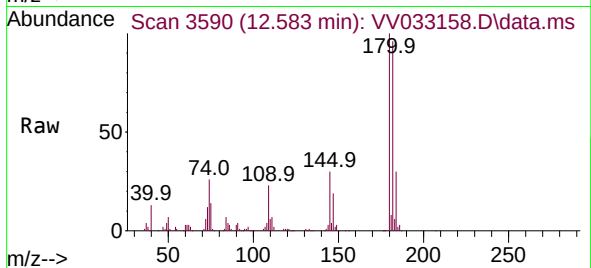
157 119.2 95.4 143.0



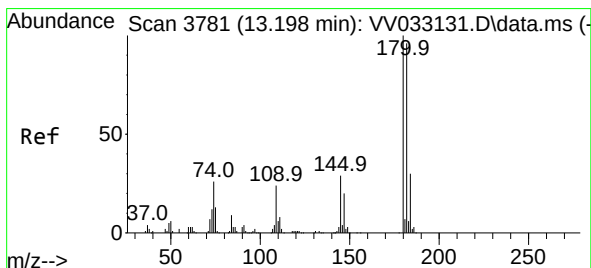
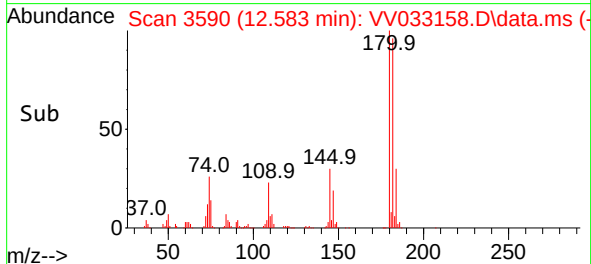
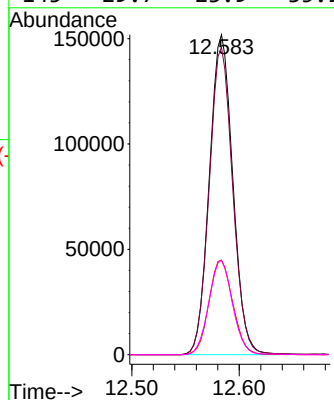


#69
 1,3,5-Trichlorobenzene
 Concen: 50.311 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

Instrument :
 MSVOA_V
 ClientSampleId :

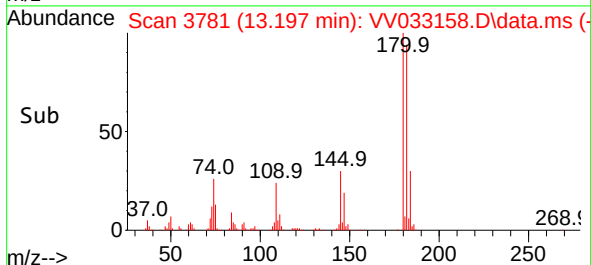
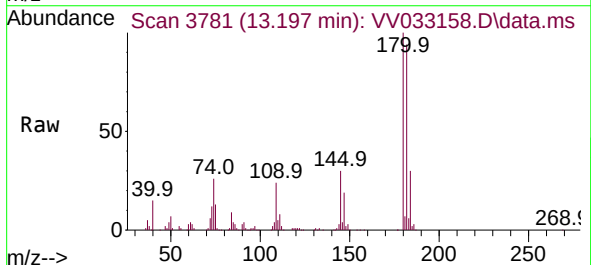
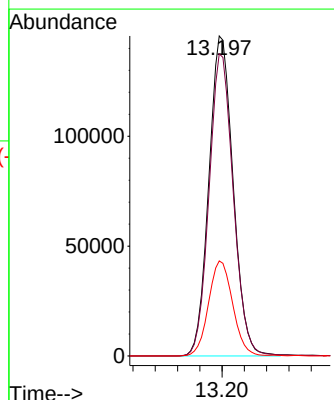


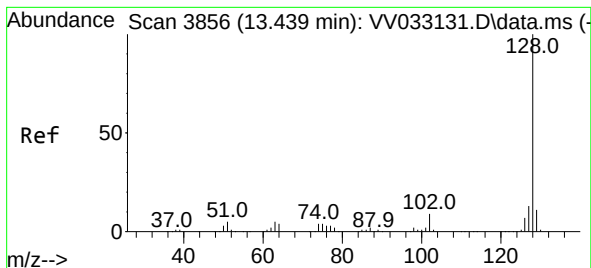
Tgt Ion:	180	Resp:	230245
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.2	114.4
184	30.1	24.2	36.4
145	29.7	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 52.065 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033158.D
 Acq: 07 Dec 2023 19:41

Tgt Ion:	180	Resp:	220134
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.3	114.5
145	29.6	23.4	35.0





#71

Naphthalene

Concen: 56.511 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

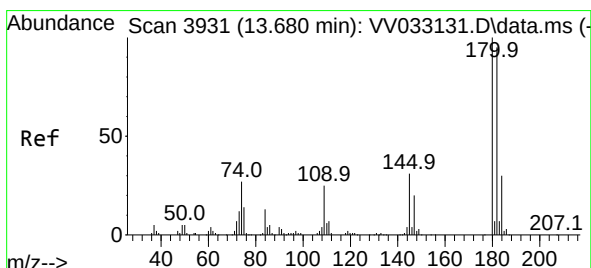
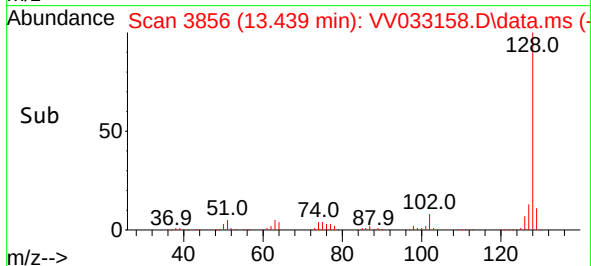
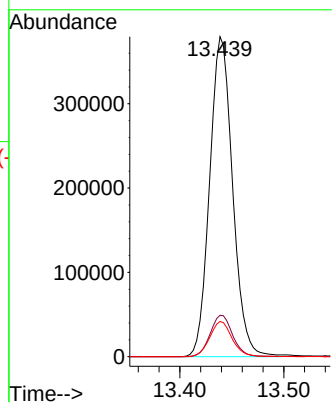
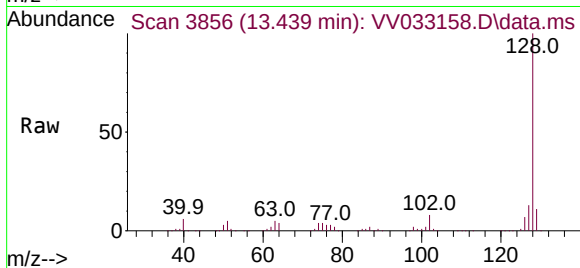
Tgt Ion:128 Resp: 582695

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.882 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033158.D

Acq: 07 Dec 2023 19:41

Tgt Ion:180 Resp: 219827

Ion Ratio Lower Upper

180 100

182 96.6 75.2 112.8

145 32.5 24.9 37.3

