

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033175.D
 Acq On : 08 Dec 2023 02:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 04:20:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 04:15:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	276430	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285067	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54485	32.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.940%
7) Chloroethane-d5	1.529	69	43835	38.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.140%
11) 1,1-Dichloroethene-d2	2.060	65	22360	35.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.140%
21) 2-Butanone-d5	3.780	46	89926	109.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.560%
24) Chloroform-d	4.249	84	159326	45.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
26) 1,2-Dichloroethane-d4	4.941	65	103131	47.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	4.960	84	276515	41.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.940%
36) 1,2-Dichloropropane-d6	5.989	67	78038	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	7.243	98	264182	41.538	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.080%
43) trans-1,3-Dichloroprop...	7.551	79	45857	40.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.900%
47) 2-Hexanone-d5	8.021	63	78339	108.781	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	133612	52.432	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.860%
66) 1,2-Dichlorobenzene-d4	11.561	152	140864	46.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143961	47.645	ug/L	99
3) Chloromethane	1.214	50	95644	47.993	ug/L	99
5) Vinyl chloride	1.285	62	93117	48.720	ug/L	99
6) Bromomethane	1.484	94	62989	50.507	ug/L	96
8) Chloroethane	1.548	64	50114	49.250	ug/L	100
9) Trichlorofluoromethane	1.712	101	166751	52.874	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75527	50.998	ug/L	97
12) 1,1-Dichloroethene	2.069	96	73760	53.223	ug/L	93
13) Acetone	2.108	43	60464	77.167	ug/L	97
14) Carbon disulfide	2.243	76	227375	45.729	ug/L	100
15) Methyl Acetate	2.368	43	65646	50.267	ug/L	96
16) Methylene chloride	2.449	84	91668	49.952	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	93503	51.386	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	287821	52.070	ug/L	99
19) 1,1-Dichloroethane	3.111	63	149400	49.608	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	103820	53.772	ug/L	97
22) 2-Butanone	3.860	43	85586	85.831	ug/L	97
23) Bromochloromethane	4.146	128	57335	51.717	ug/L	95
25) Chloroform	4.275	83	181296	52.343	ug/L	94

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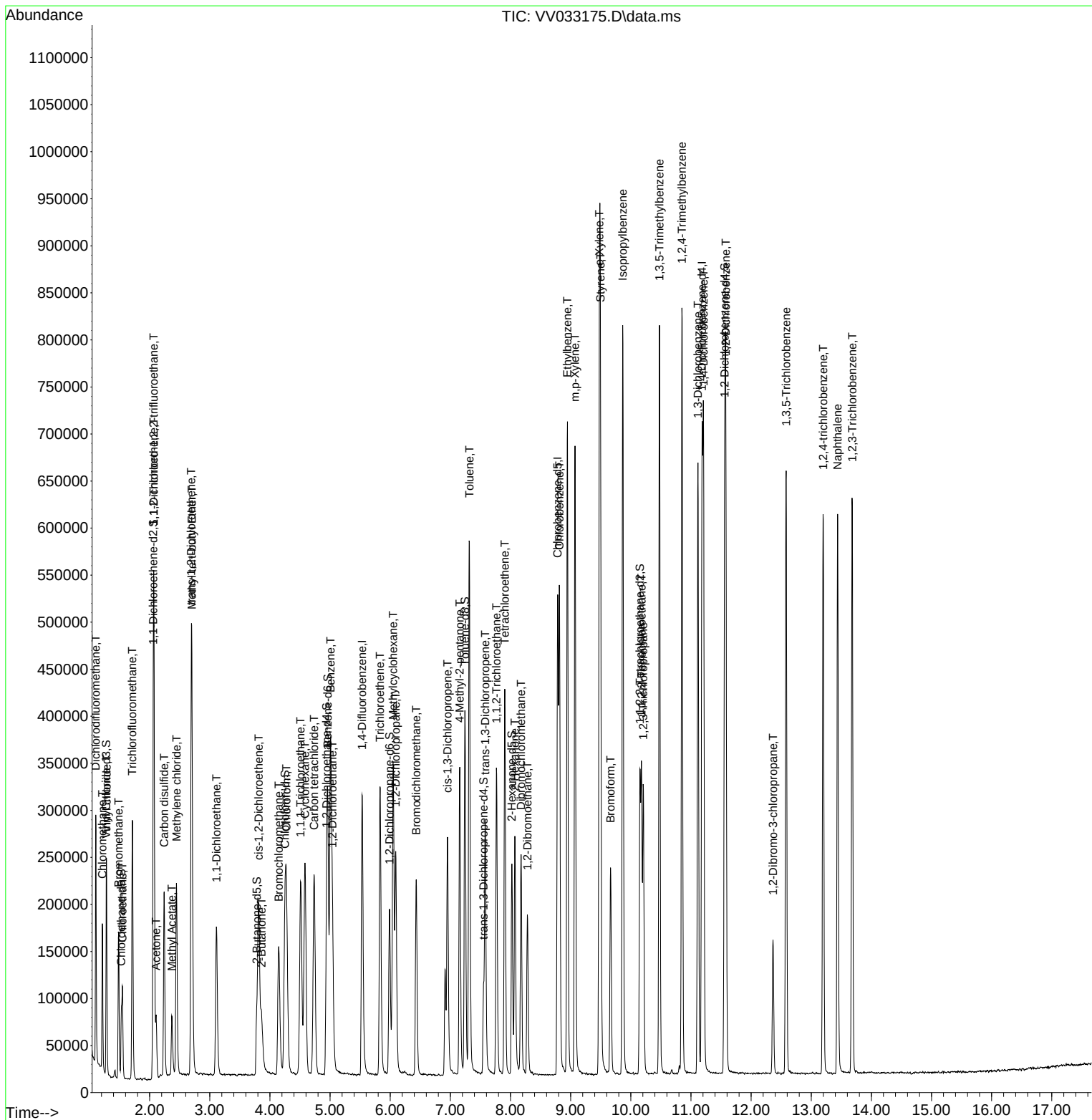
Instrument :
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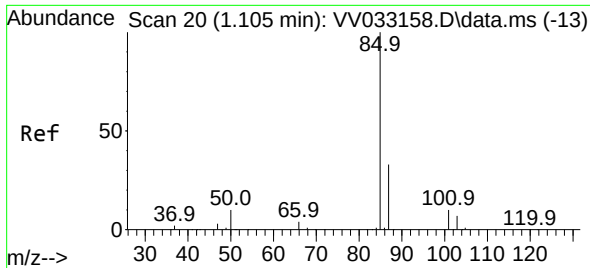
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	142998	52.246	ug/L	99
29) Cyclohexane	4.584	56	116651	44.304	ug/L	94
30) 1,1,1-Trichloroethane	4.510	97	179223	50.872	ug/L	99
31) Carbon tetrachloride	4.735	117	169532	51.753	ug/L	98
33) Benzene	5.008	78	366344	50.713	ug/L	100
34) Trichloroethene	5.831	95	103097	47.771	ug/L	98
35) Methylcyclohexane	6.050	83	146719	46.842	ug/L	98
37) 1,2-Dichloropropane	6.092	63	81867	48.969	ug/L	98
38) Bromodichloromethane	6.432	83	138481	51.380	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	144263	47.555	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	183771	103.528	ug/L	99
42) Toluene	7.317	91	418662	51.431	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	151861	49.505	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	99864	51.518	ug/L	99
46) Tetrachloroethene	7.905	164	92518	49.869	ug/L	97
48) 2-Hexanone	8.072	43	140142	95.224	ug/L	97
49) Dibromochloromethane	8.175	129	119753	51.751	ug/L	99
50) 1,2-Dibromoethane	8.281	107	108167	52.339	ug/L	99
51) Chlorobenzene	8.815	112	290379	50.727	ug/L	98
52) Ethylbenzene	8.947	91	473979	50.586	ug/L	100
53) m,p-Xylene	9.072	106	189117	50.967	ug/L	94
54) o-Xylene	9.477	106	188008	51.347	ug/L	97
55) Styrene	9.497	104	334348	52.785	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	139183	52.553	ug/L	98
59) Bromoform	9.664	173	101084	54.152	ug/L	99
60) Isopropylbenzene	9.866	105	511273	51.555	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	112700	52.550	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	412424	51.618	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	434939	52.270	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	266563	50.313	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	274439	49.866	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	265267	51.072	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	34040	51.728	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	204857	48.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	191204	48.767	ug/L	99
71) Naphthalene	13.439	128	475763	49.757	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	193876	51.246	ug/L	100

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

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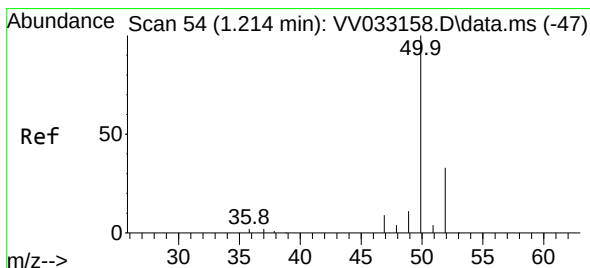
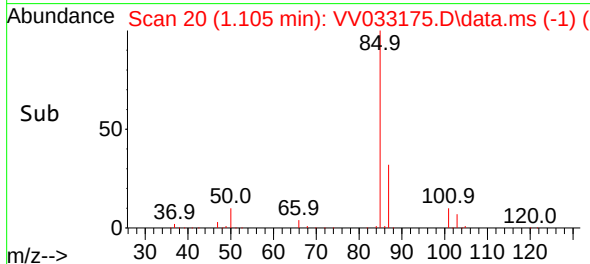
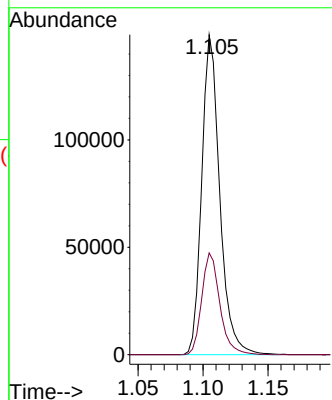
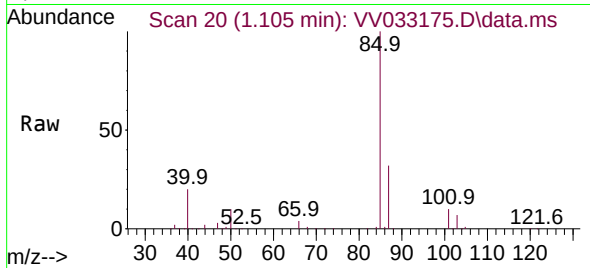




#2
 Dichlorodifluoromethane
 Concen: 47.645 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38

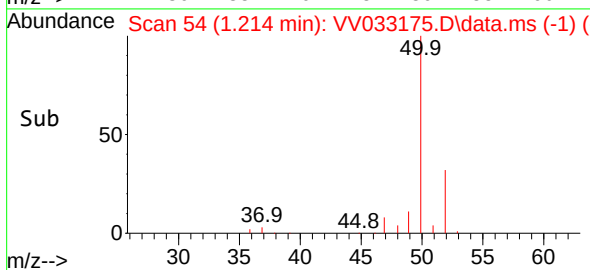
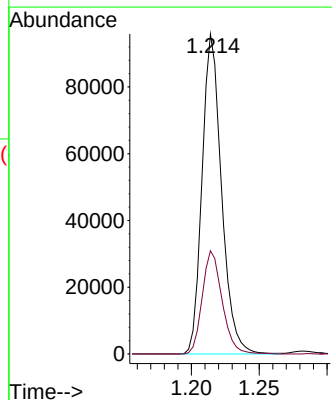
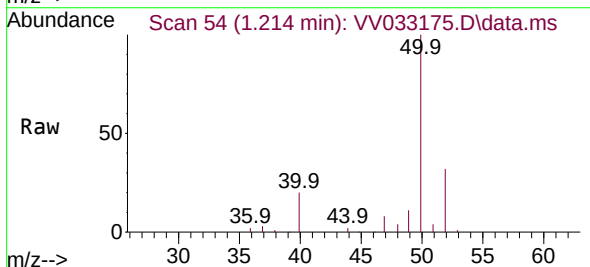
Instrument :
 MSVOA_V
 ClientSampleId :

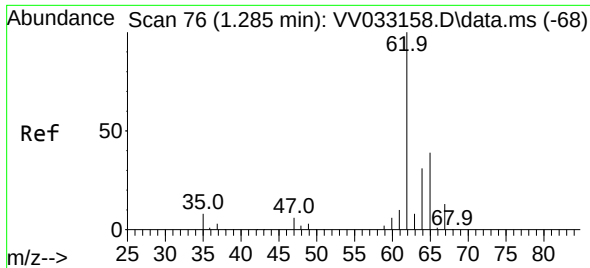
Tgt Ion: 85 Resp: 143961
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 47.993 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38

Tgt Ion: 50 Resp: 95644
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4

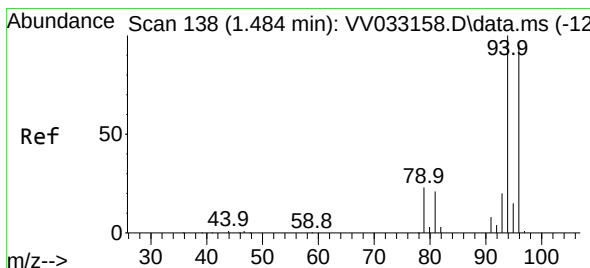
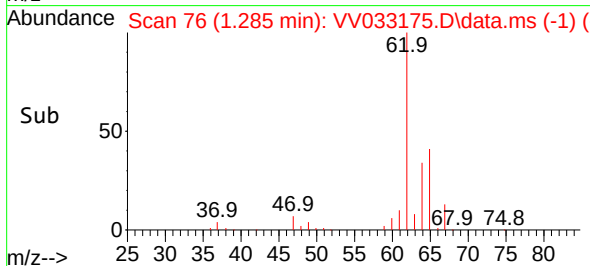
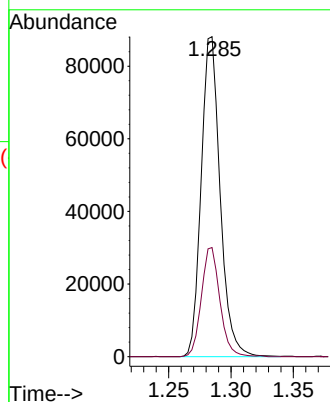
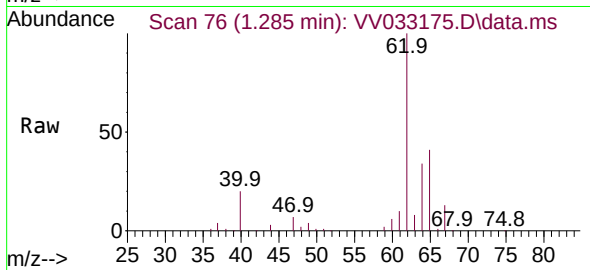




#5
 Vinyl chloride
 Concen: 48.720 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38

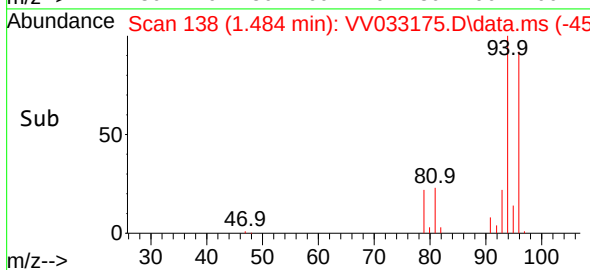
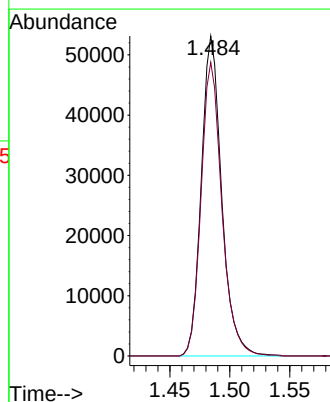
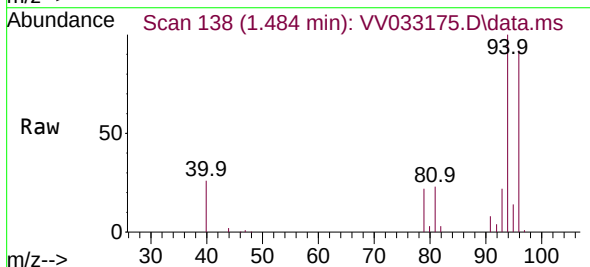
Instrument :
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 ClientSampleId :

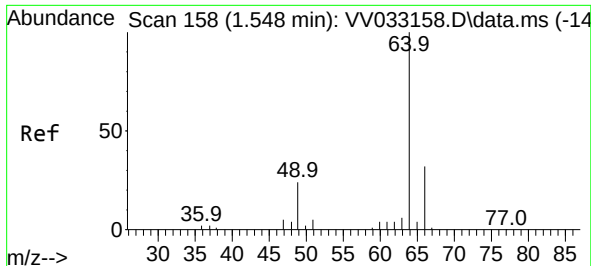
Tgt Ion: 62 Resp: 93117
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.2 45.0



#6
 Bromomethane
 Concen: 50.507 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38

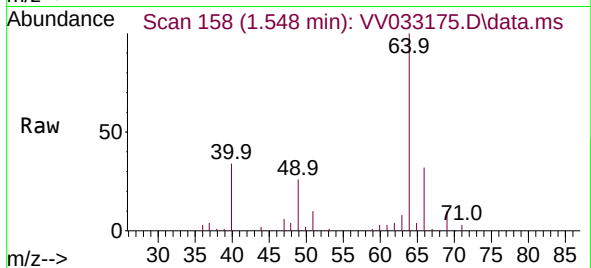
Tgt Ion: 94 Resp: 62989
 Ion Ratio Lower Upper
 94 100
 96 91.7 67.1 124.7



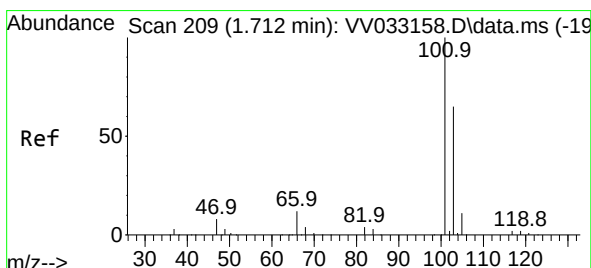
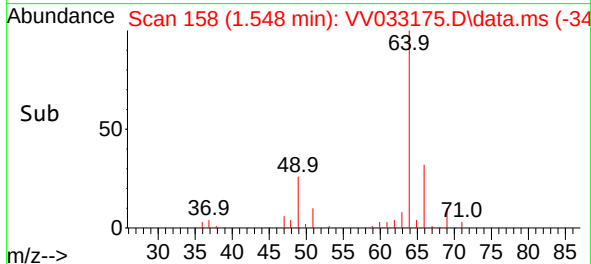
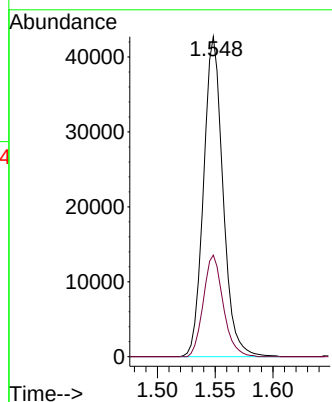


#8
Chloroethane
Concen: 49.250 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Instrument :
MSVOA_V
ClientSampleId :

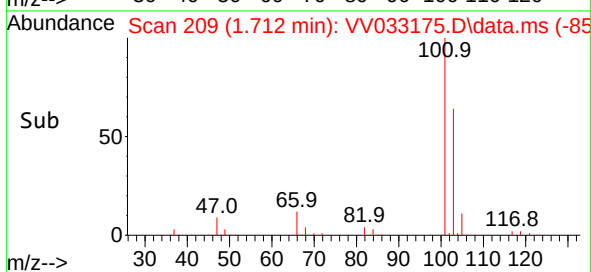
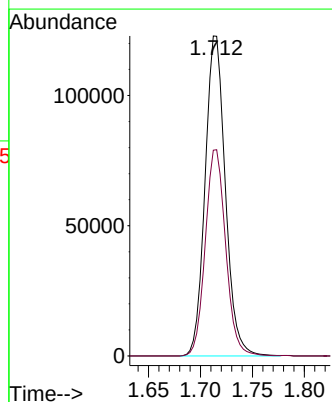
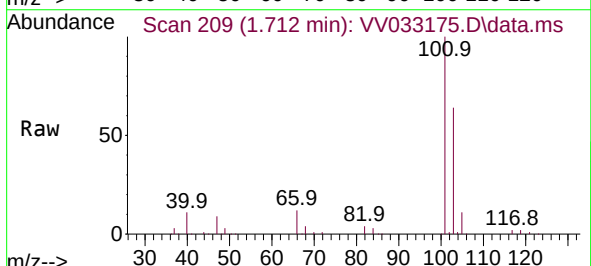


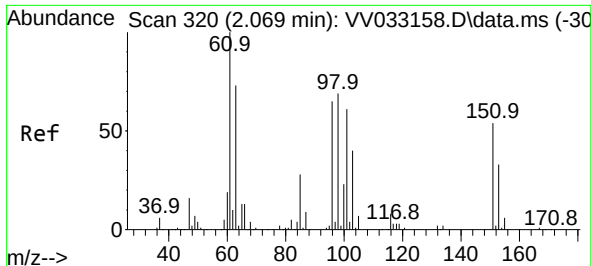
Tgt Ion: 64 Resp: 50114
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 52.874 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion:101 Resp: 166751
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9





#10

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

Concen: 50.998 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :

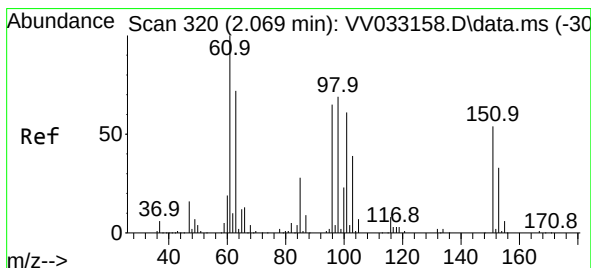
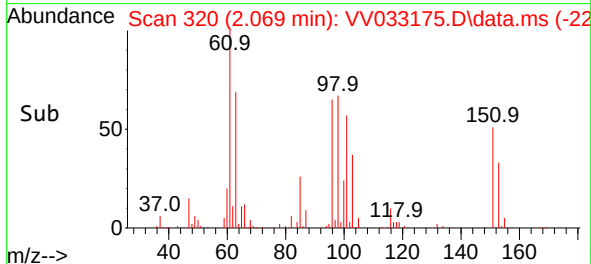
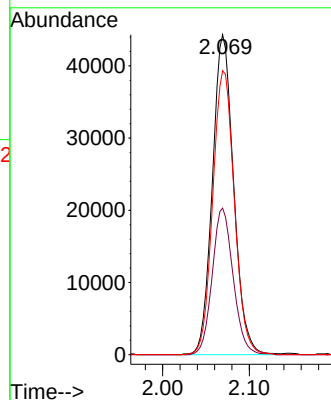
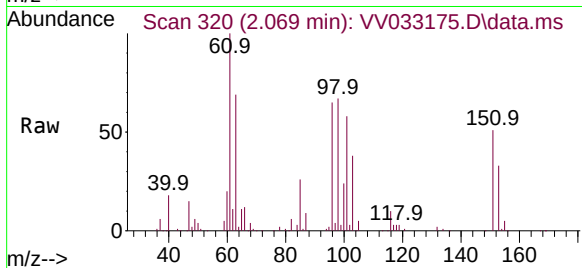
Tgt Ion:101 Resp: 75527

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

151 90.2 69.1 103.7



#12

1,1-Dichloroethene

Concen: 53.223 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

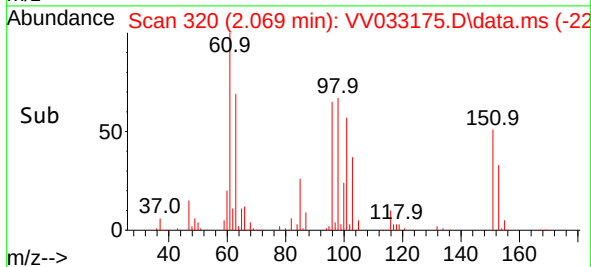
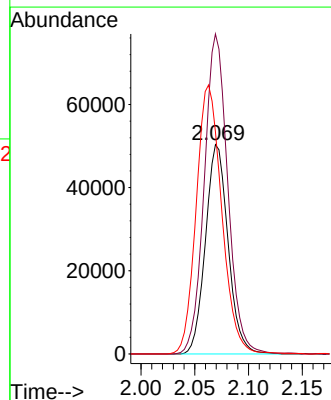
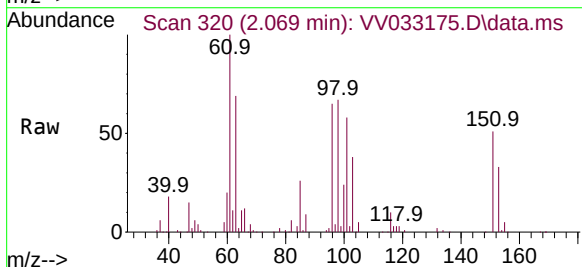
Tgt Ion: 96 Resp: 73760

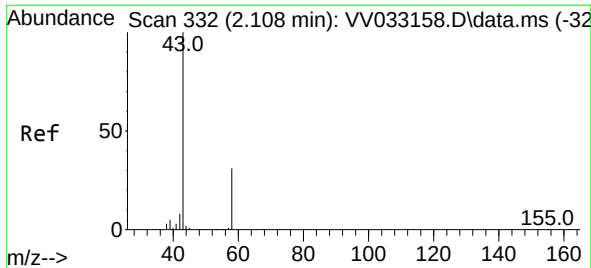
Ion Ratio Lower Upper

96 100

61 152.9 109.1 202.7

63 106.1 85.3 158.3





#13

Acetone

Concen: 77.167 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

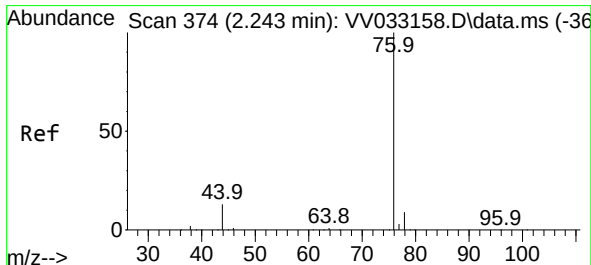
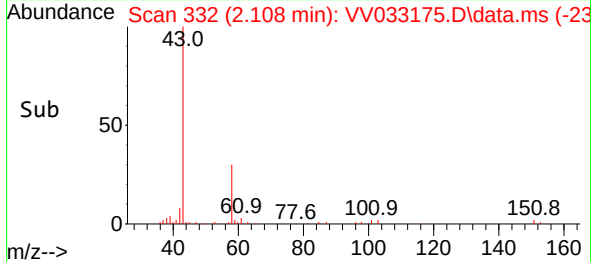
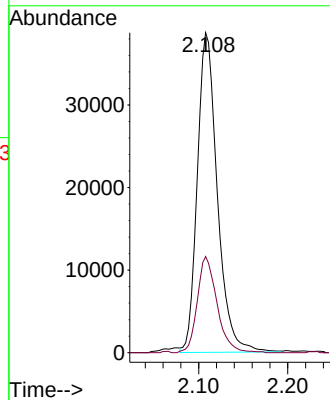
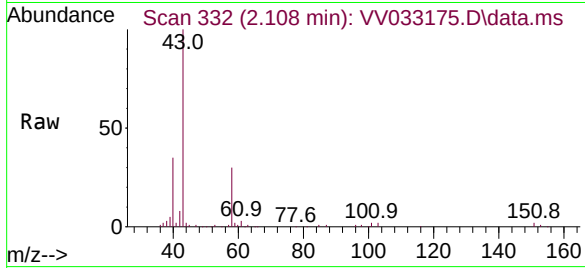
ClientSampleId :

Tgt Ion: 43 Resp: 60464

Ion Ratio Lower Upper

43 100

58 29.7 0.0 62.8



#14

Carbon disulfide

Concen: 45.729 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033175.D

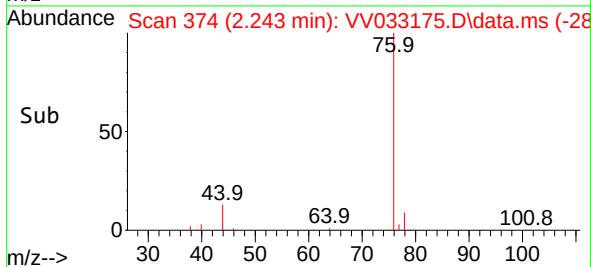
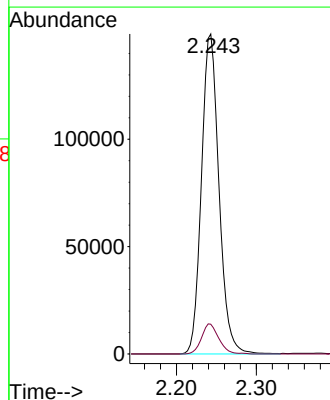
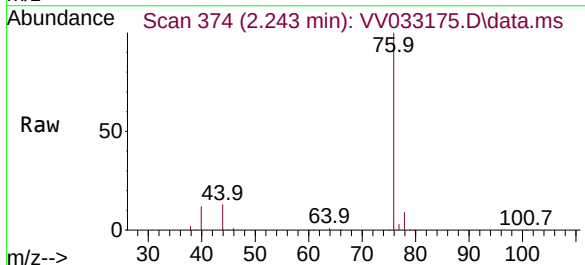
Acq: 08 Dec 2023 02:38

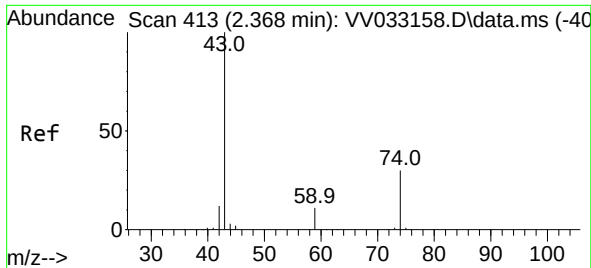
Tgt Ion: 76 Resp: 227375

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

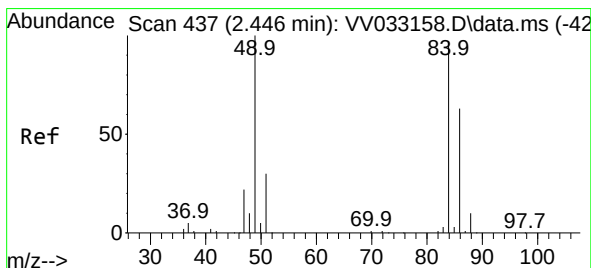
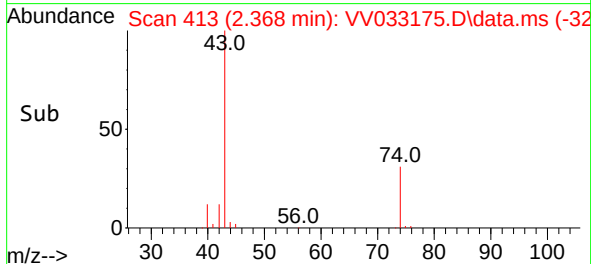
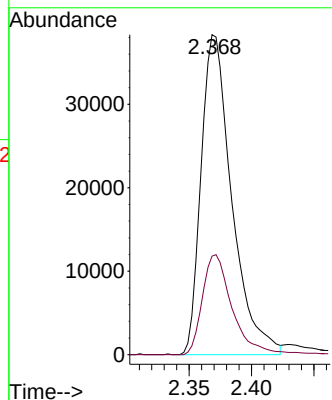
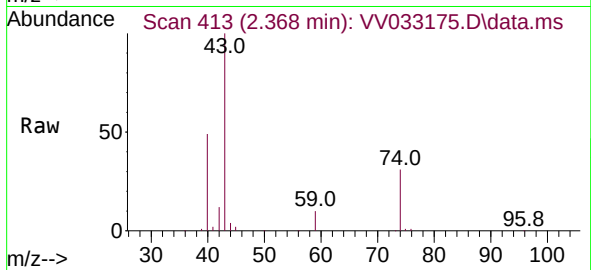




#15
Methyl Acetate
Concen: 50.267 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

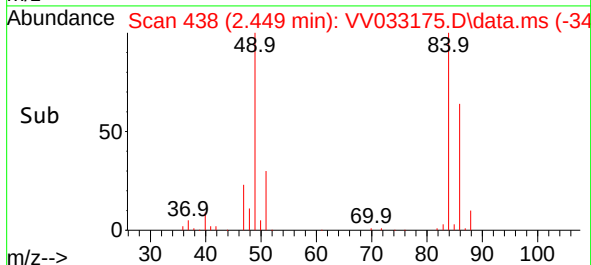
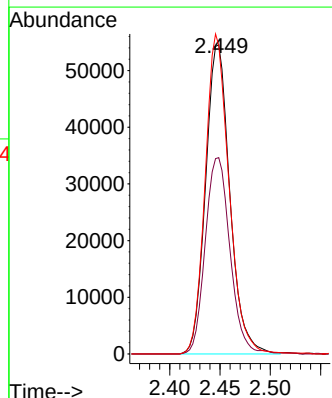
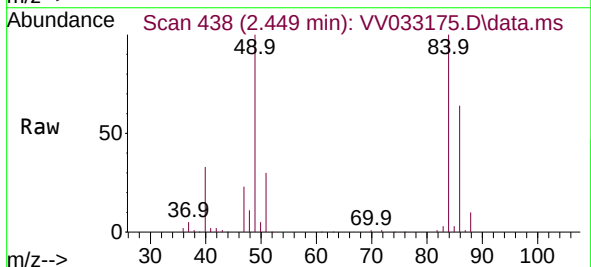
Instrument :
MSVOA_V
ClientSampleId :

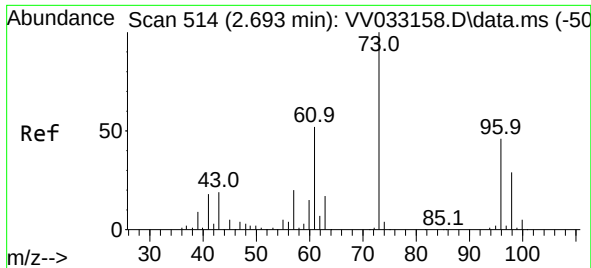
Tgt Ion: 43 Resp: 65646
Ion Ratio Lower Upper
43 100
74 30.2 22.6 33.8



#16
Methylene chloride
Concen: 49.952 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

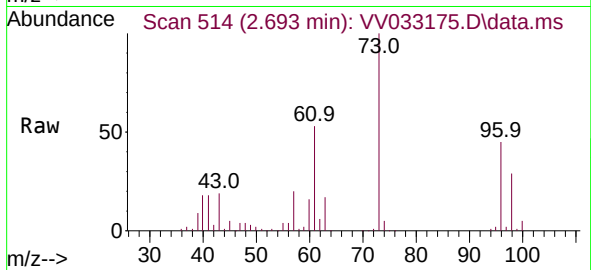
Tgt Ion: 84 Resp: 91668
Ion Ratio Lower Upper
84 100
86 63.5 45.9 85.3
49 99.8 75.5 140.1



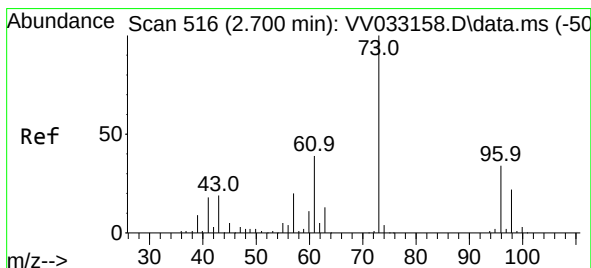
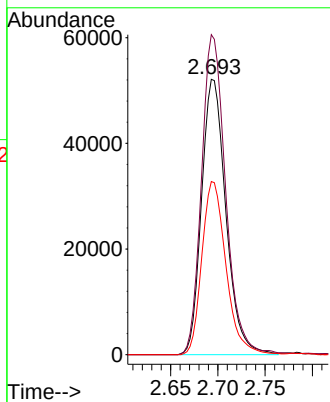
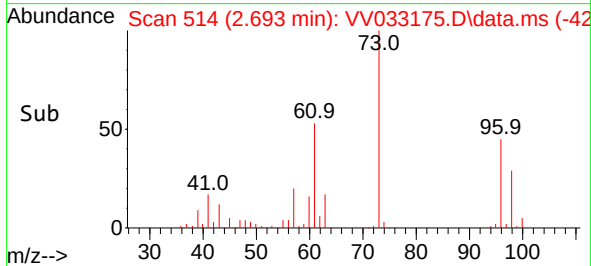


#17
trans-1,2-Dichloroethene
Concen: 51.386 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Instrument :
MSVOA_V
ClientSampleId :

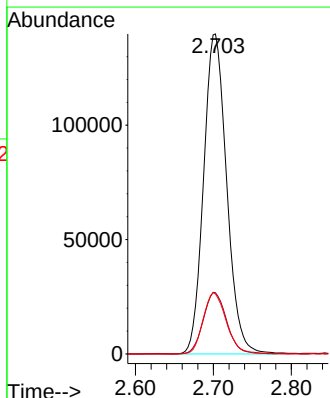
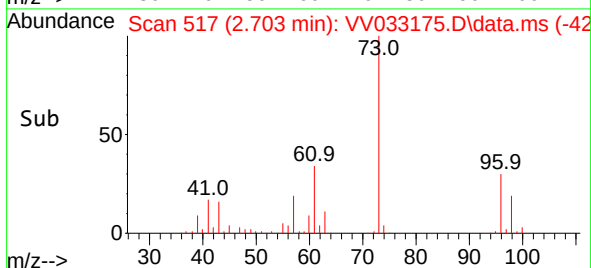
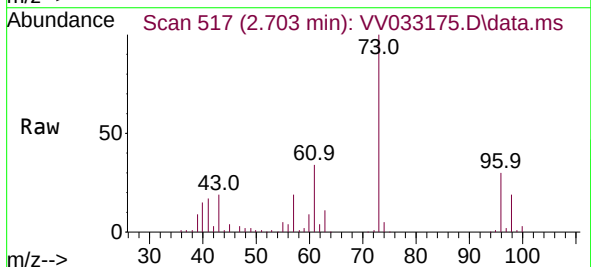


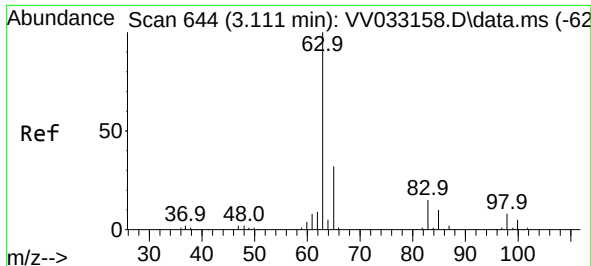
Tgt Ion: 96 Resp: 93503
Ion Ratio Lower Upper
96 100
61 116.2 86.5 160.6
98 62.9 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 52.070 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 73 Resp: 287821
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 19.2 16.1 24.1





#19

1,1-Dichloroethane

Concen: 49.608 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :

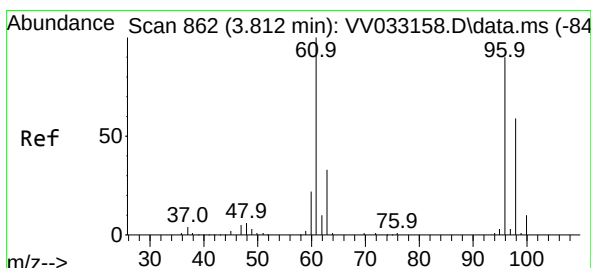
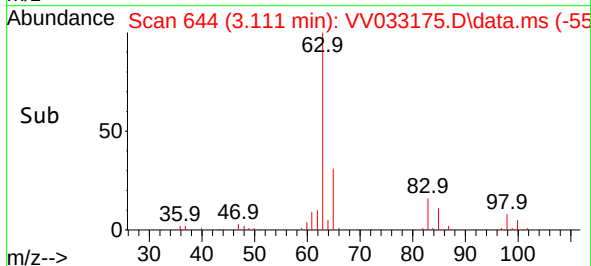
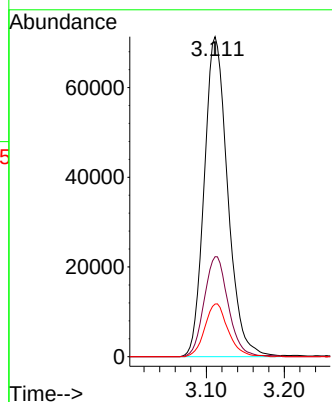
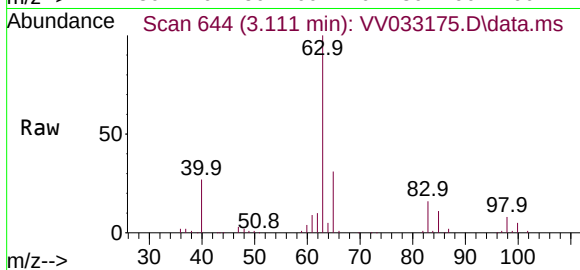
Tgt Ion: 63 Resp: 149400

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

83 16.5 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 53.772 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

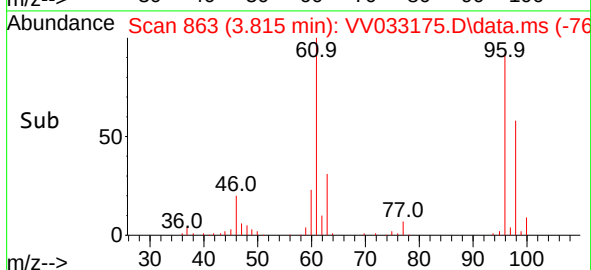
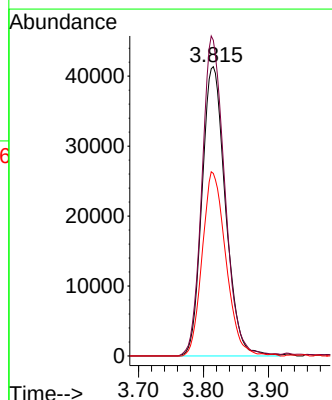
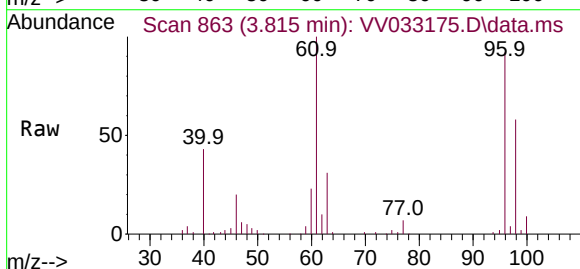
Tgt Ion: 96 Resp: 103820

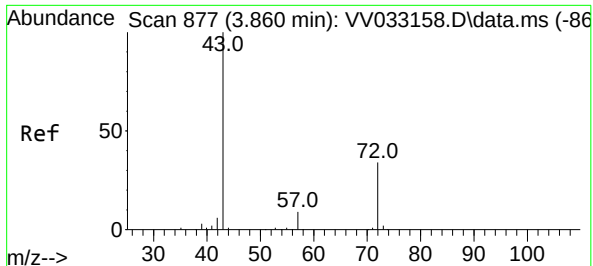
Ion Ratio Lower Upper

96 100

61 109.1 79.1 146.9

98 63.1 45.1 83.7





#22

2-Butanone

Concen: 85.831 ug/L

RT: 3.860 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

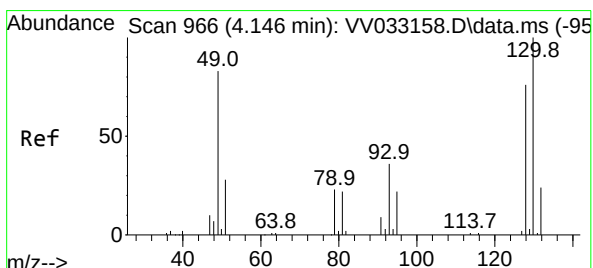
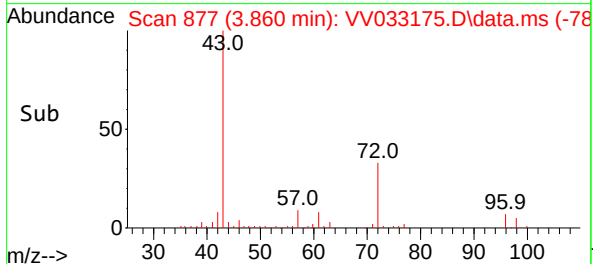
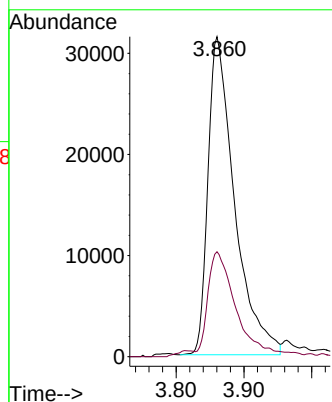
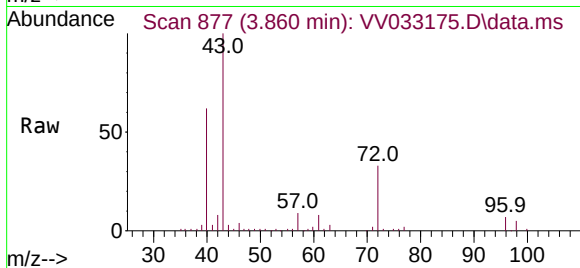
ClientSampleId :

Tgt Ion: 43 Resp: 85586

Ion Ratio Lower Upper

43 100

72 30.7 14.6 43.8



#23

Bromochloromethane

Concen: 51.717 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Tgt Ion: 128 Resp: 57335

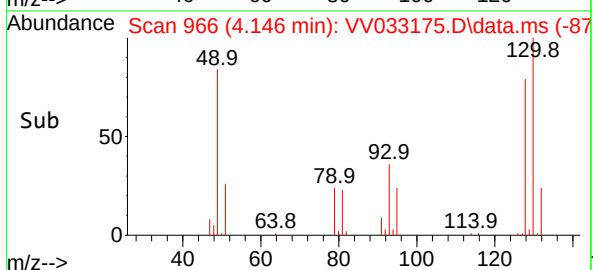
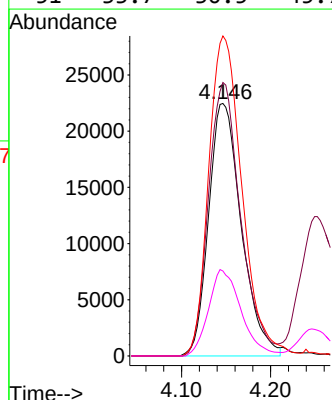
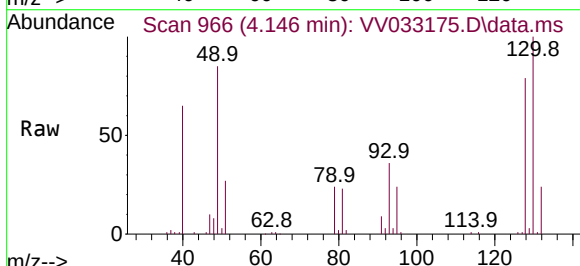
Ion Ratio Lower Upper

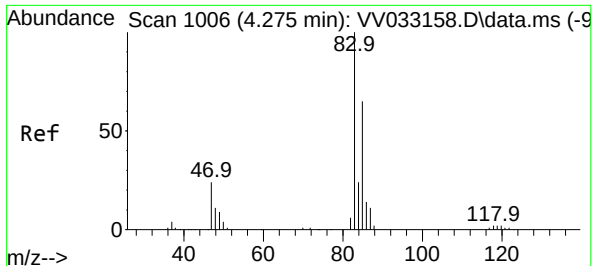
128 100

49 108.3 81.7 151.7

130 126.7 90.1 167.3

51 33.7 30.5 45.7





#25

Chloroform

Concen: 52.343 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

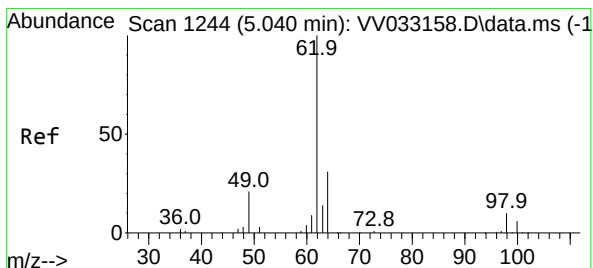
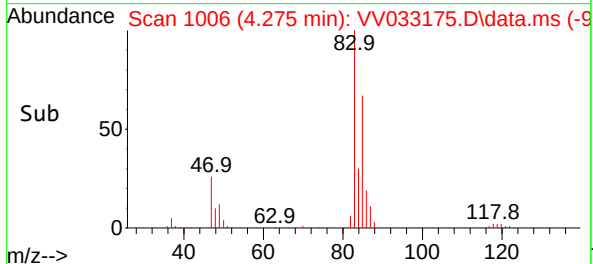
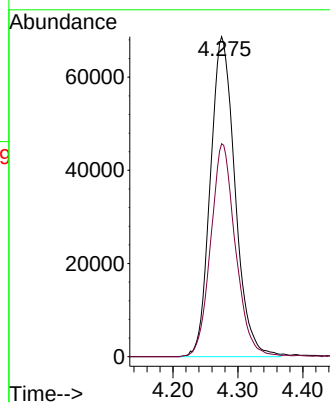
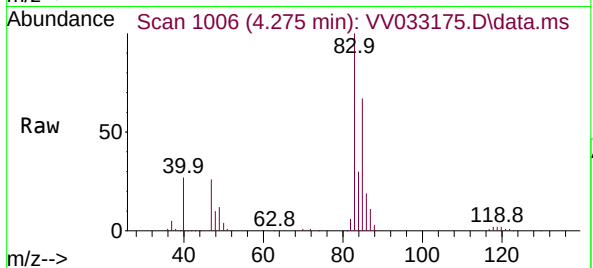
ClientSampleId :

Tgt Ion: 83 Resp: 181296

Ion Ratio Lower Upper

83 100

85 66.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 52.246 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV033175.D

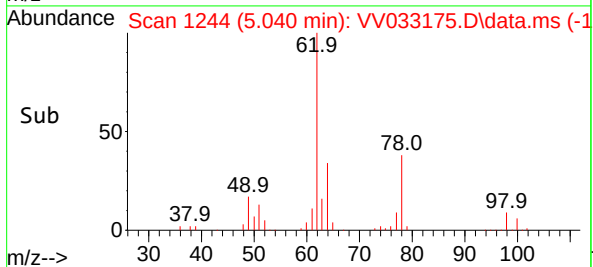
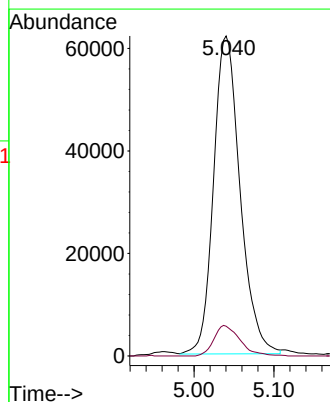
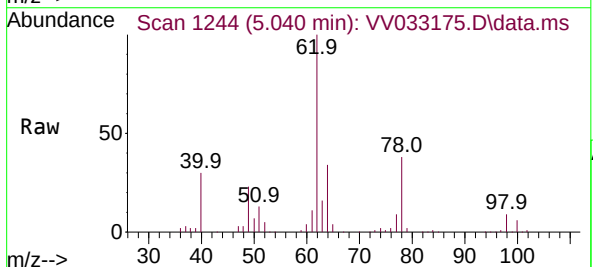
Acq: 08 Dec 2023 02:38

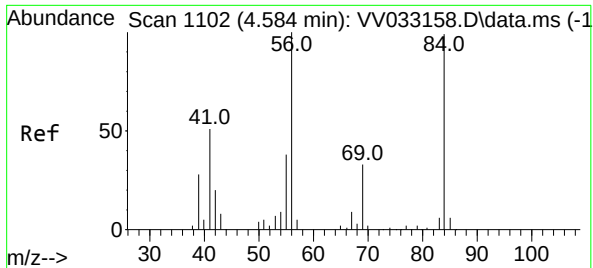
Tgt Ion: 62 Resp: 142998

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8

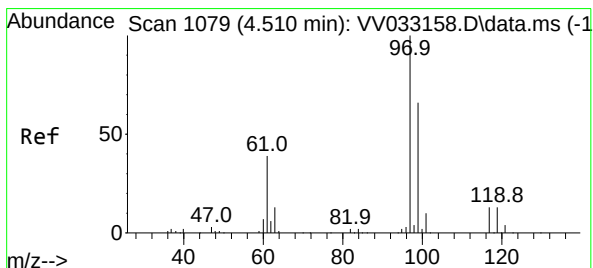
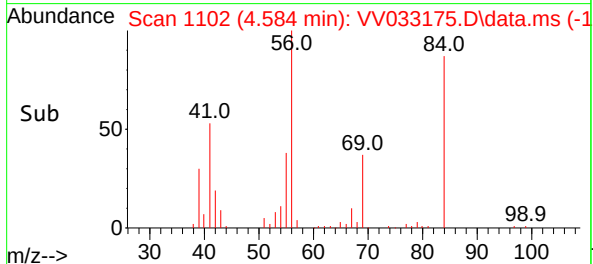
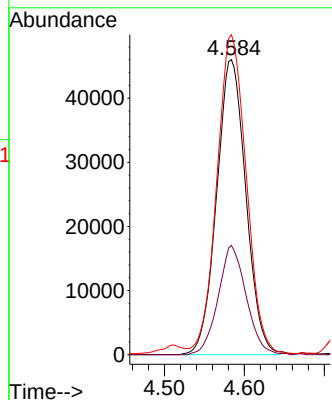
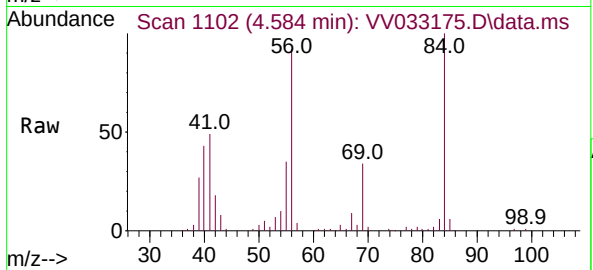




#29
Cyclohexane
Concen: 44.304 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

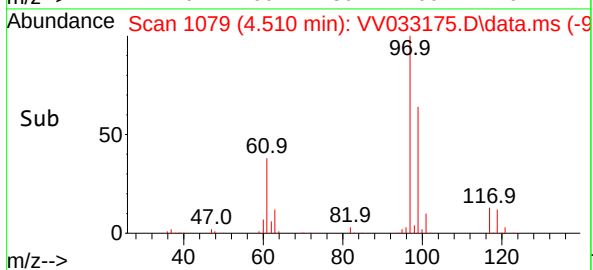
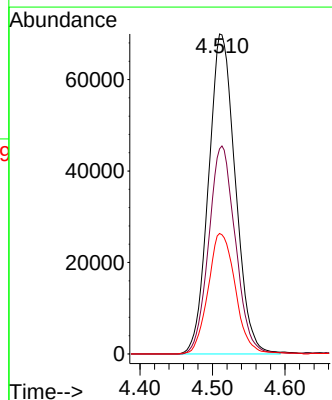
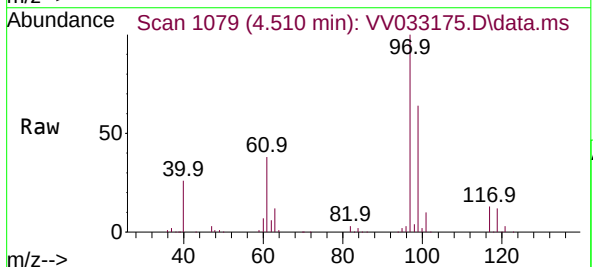
Instrument :
MSVOA_V
ClientSampleId :

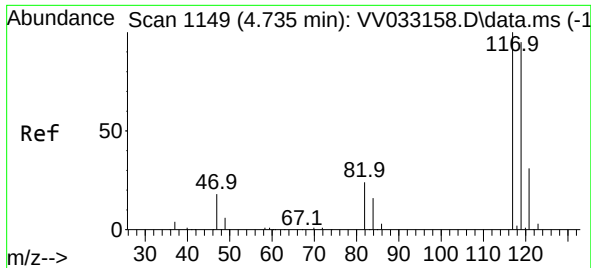
Tgt Ion: 56 Resp: 116651
Ion Ratio Lower Upper
56 100
69 35.4 26.9 40.3
84 108.3 80.6 121.0



#30
1,1,1-Trichloroethane
Concen: 50.872 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

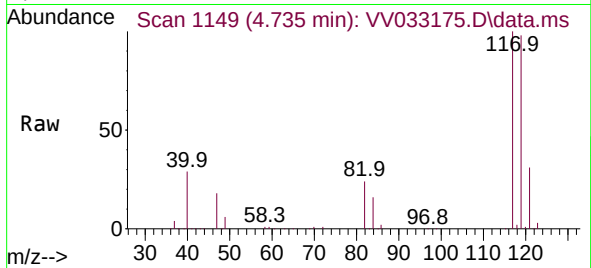
Tgt Ion: 97 Resp: 179223
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 38.5 31.8 47.8



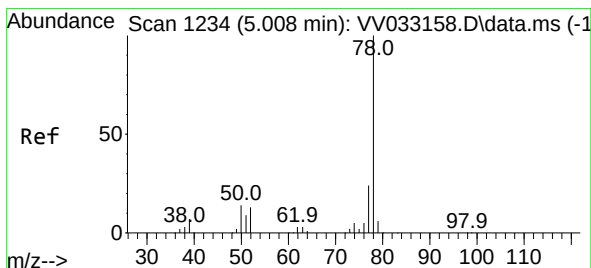
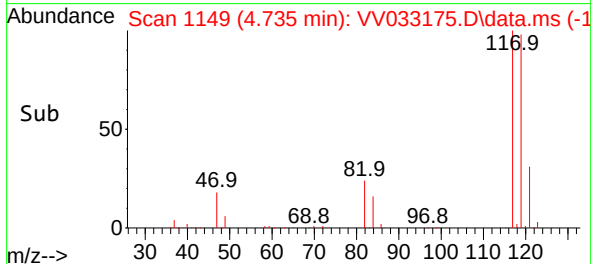
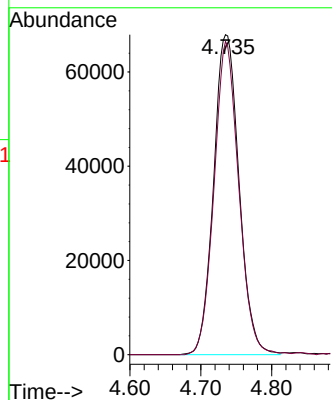


#31
Carbon tetrachloride
Concen: 51.753 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Instrument :
MSVOA_V
ClientSampleId :

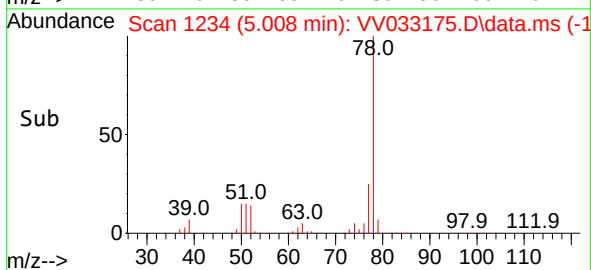
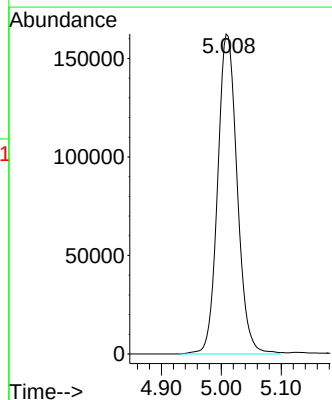
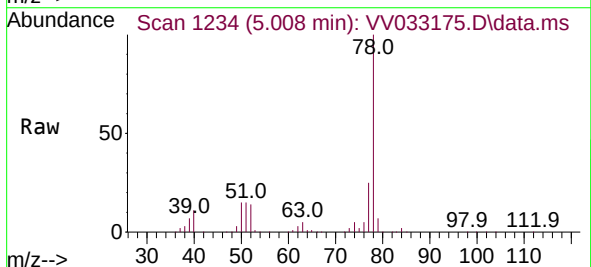


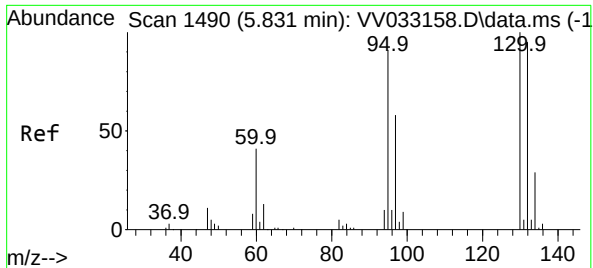
Tgt Ion:117 Resp: 169532
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3



#33
Benzene
Concen: 50.713 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 78 Resp: 366344





#34

Trichloroethene

Concen: 47.771 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 103097

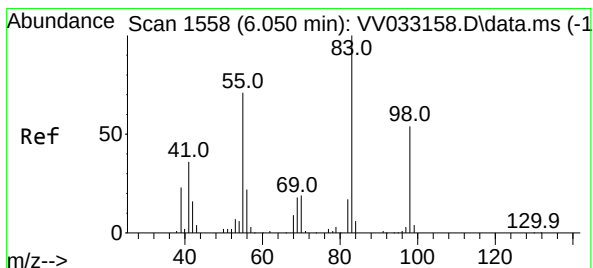
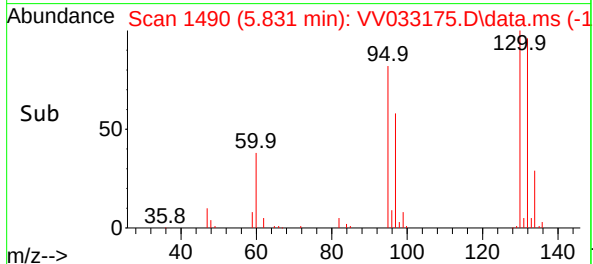
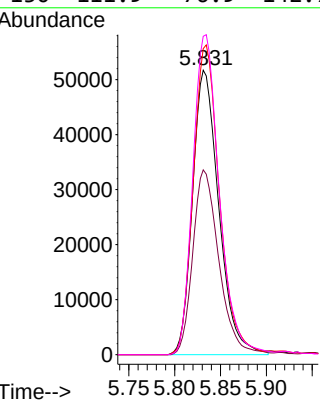
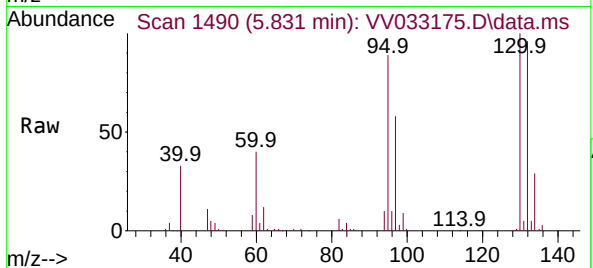
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.0

132 107.6 77.4 143.8

130 111.9 76.9 142.7



#35

Methylcyclohexane

Concen: 46.842 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

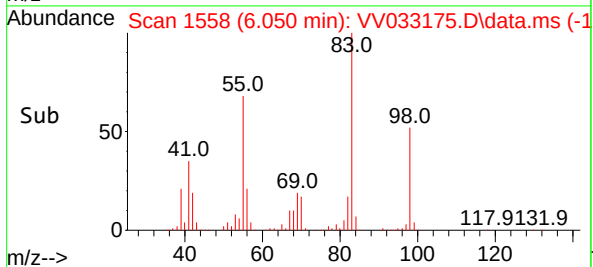
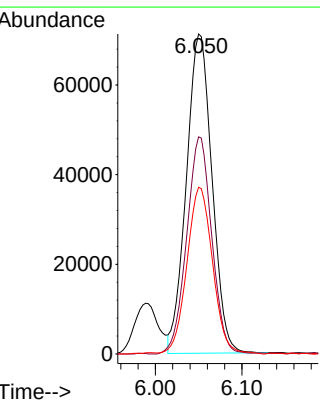
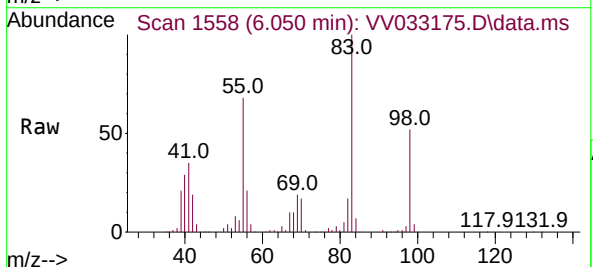
Tgt Ion: 83 Resp: 146719

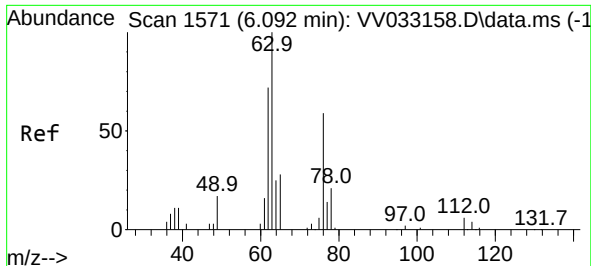
Ion Ratio Lower Upper

83 100

55 66.4 54.8 82.2

98 52.3 41.4 62.0





#37

1,2-Dichloropropane

Concen: 48.969 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

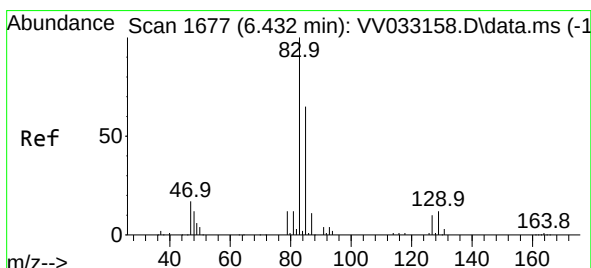
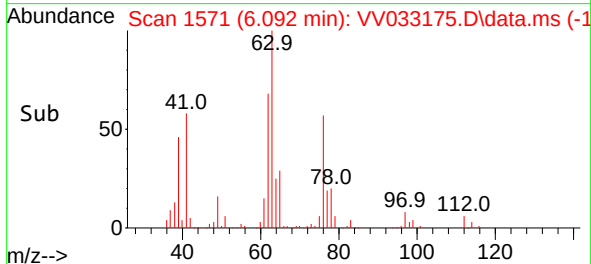
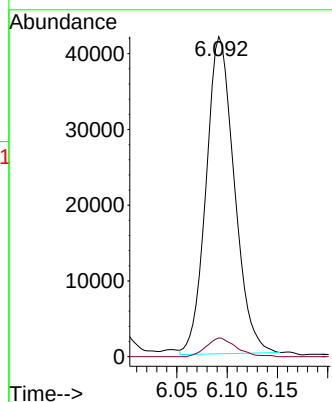
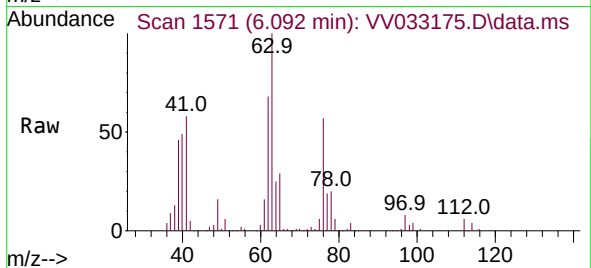
ClientSampleId :

Tgt Ion: 63 Resp: 81867

Ion Ratio Lower Upper

63 100

112 6.2 4.6 6.8



#38

Bromodichloromethane

Concen: 51.380 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

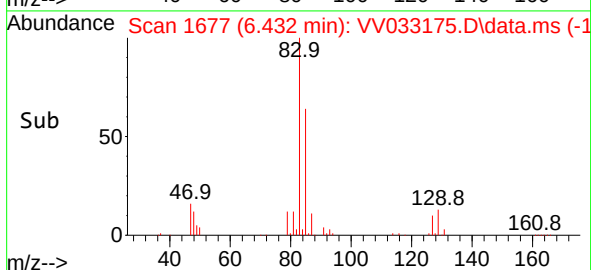
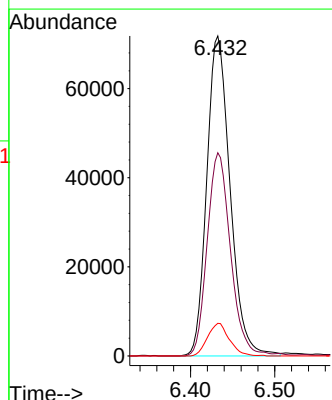
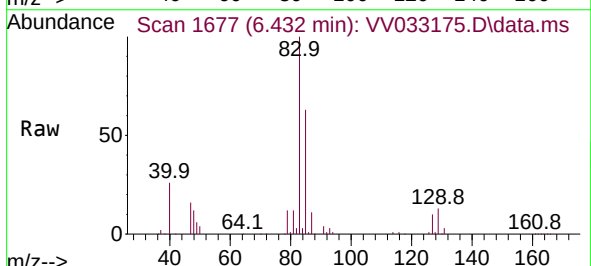
Tgt Ion: 83 Resp: 138481

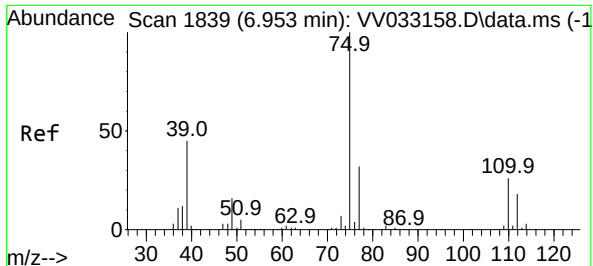
Ion Ratio Lower Upper

83 100

85 63.5 45.6 84.6

127 10.2 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 47.555 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

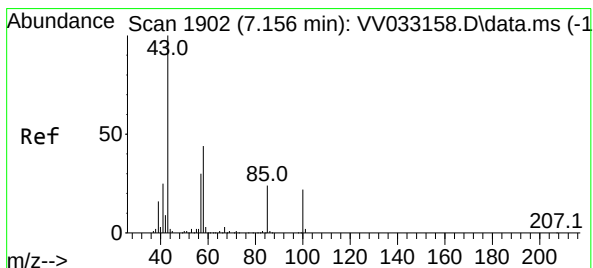
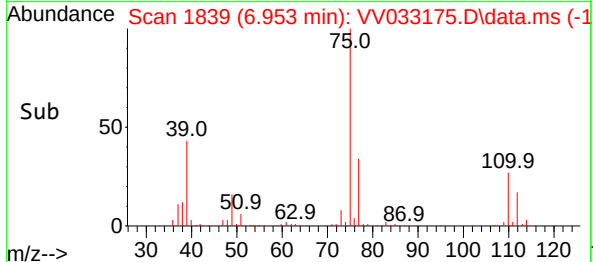
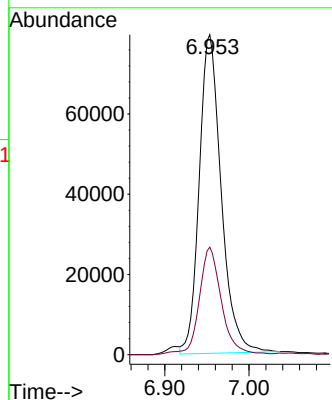
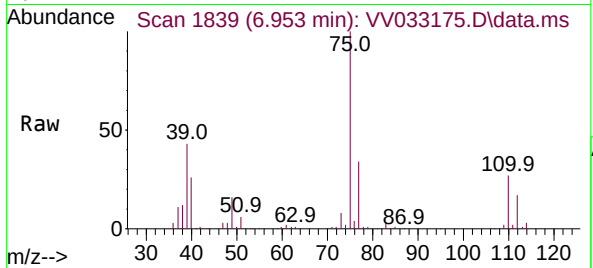
ClientSampleId :

Tgt Ion: 75 Resp: 144263

Ion Ratio Lower Upper

75 100

77 33.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 103.528 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

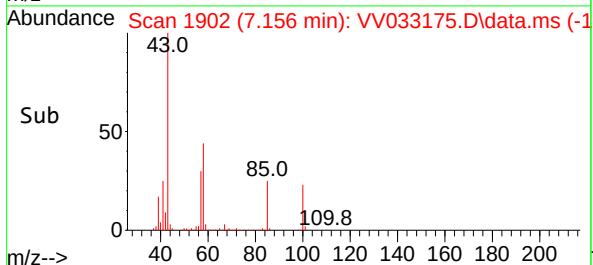
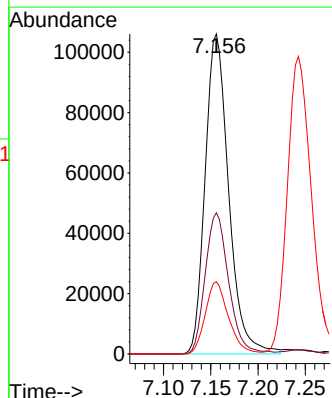
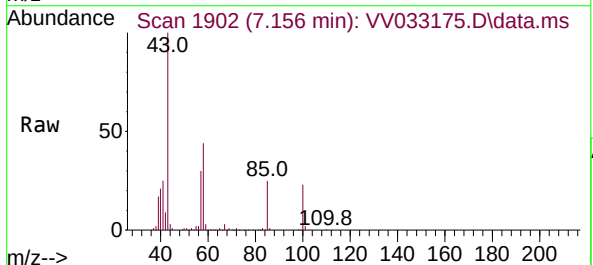
Tgt Ion: 43 Resp: 183771

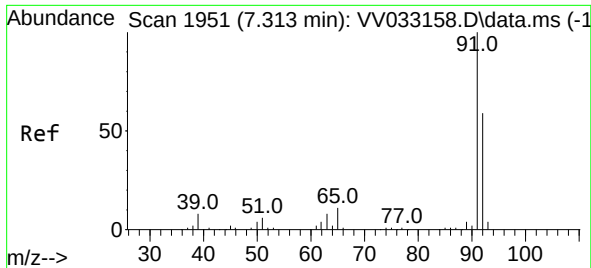
Ion Ratio Lower Upper

43 100

58 43.6 34.5 51.7

100 22.3 17.0 25.6





#42

Toluene

Concen: 51.431 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

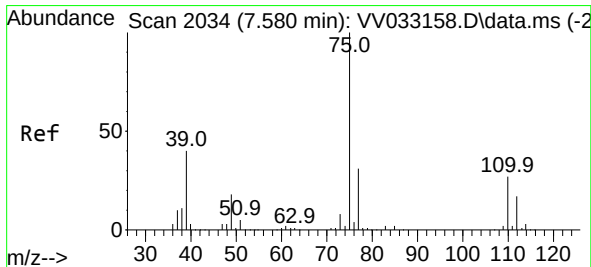
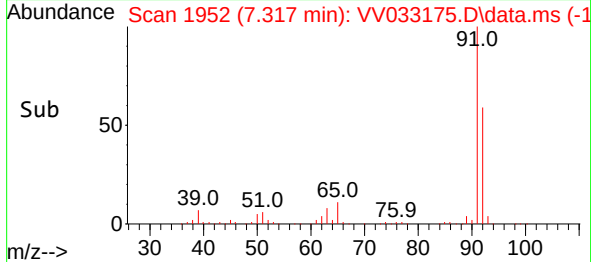
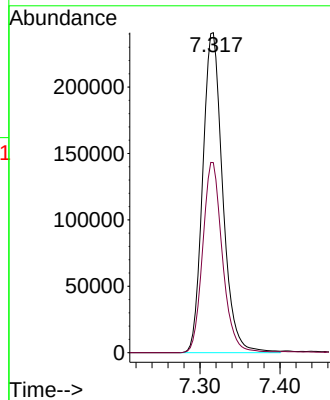
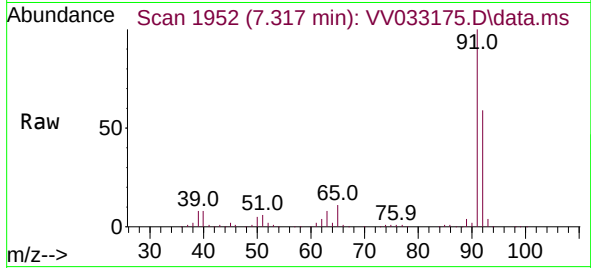
ClientSampleId :

Tgt Ion: 91 Resp: 418662

Ion Ratio Lower Upper

91 100

92 59.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 49.505 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033175.D

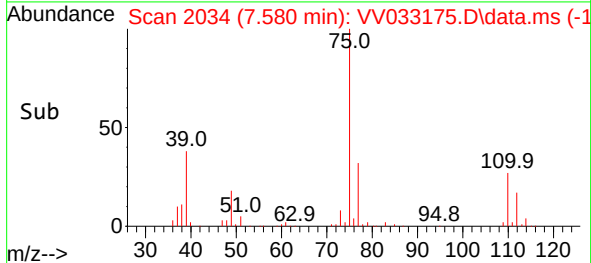
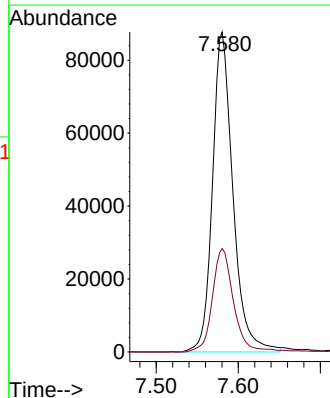
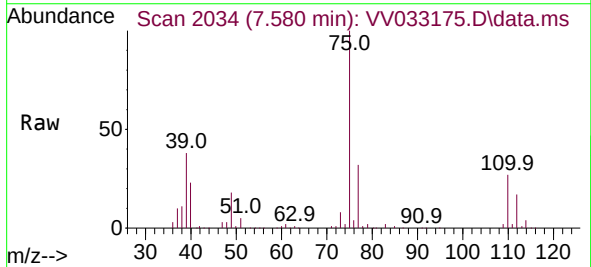
Acq: 08 Dec 2023 02:38

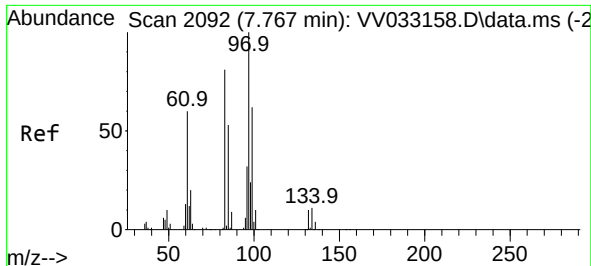
Tgt Ion: 75 Resp: 151861

Ion Ratio Lower Upper

75 100

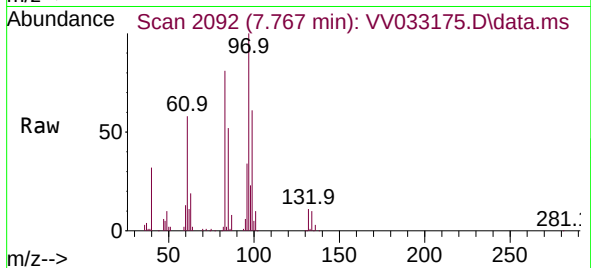
77 32.3 22.0 41.0





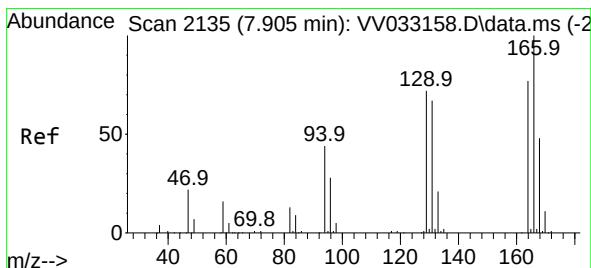
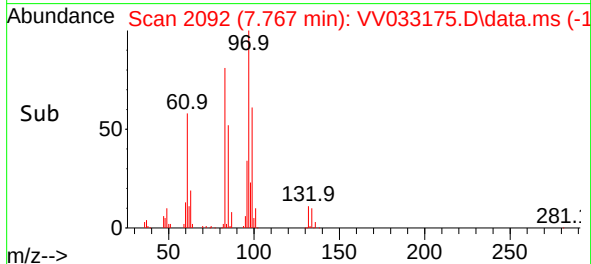
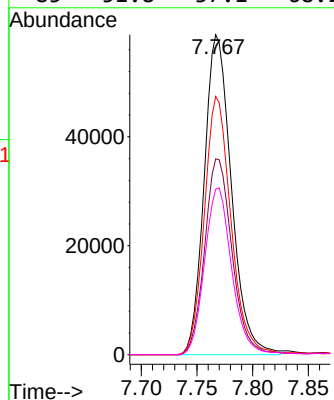
#45
1,1,2-Trichloroethane
Concen: 51.518 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 99864

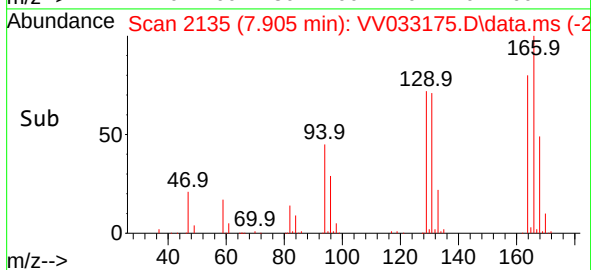
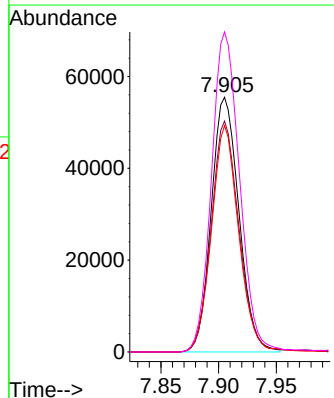
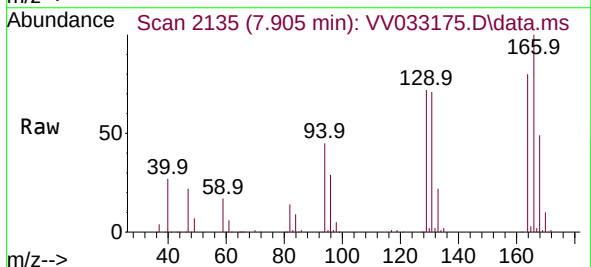
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.2	80.2
83	80.7	55.8	103.6
85	51.8	37.1	68.9

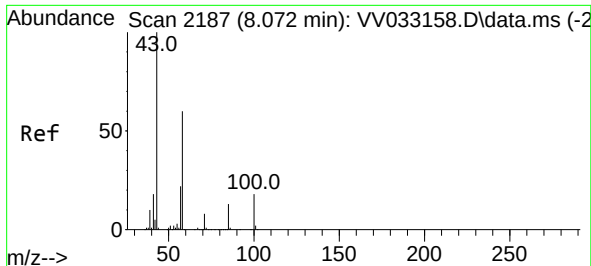


#46
Tetrachloroethene
Concen: 49.869 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 164 Resp: 92518

Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.6	121.8
131	88.8	64.7	120.1
166	125.6	89.4	166.0

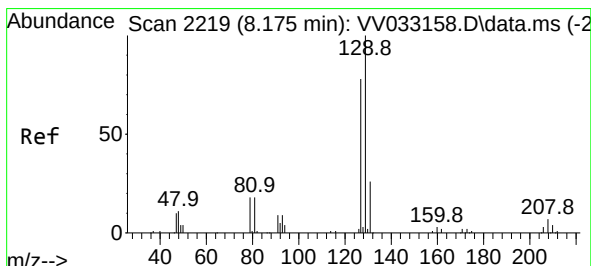
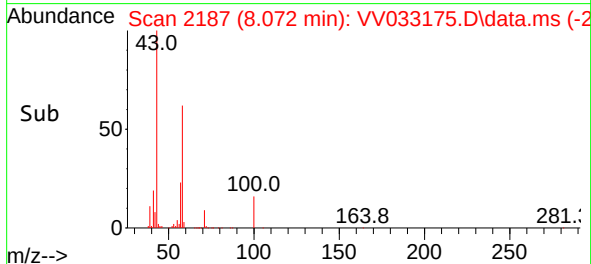
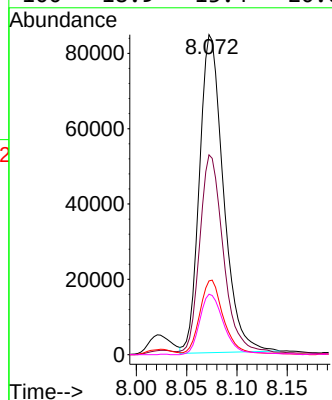
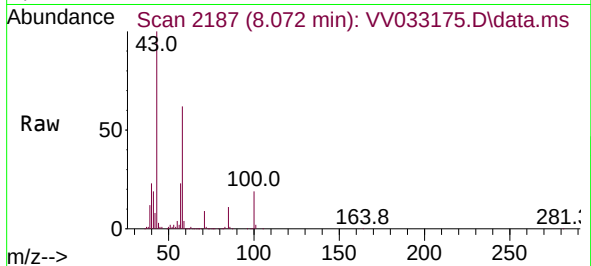




#48
2-Hexanone
Concen: 95.224 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

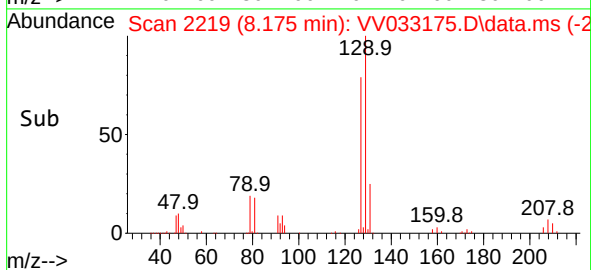
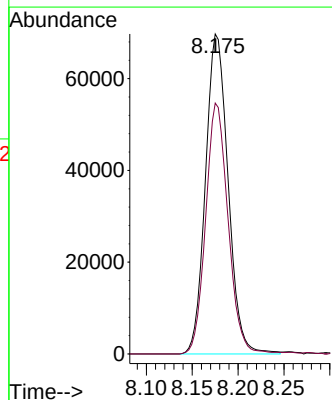
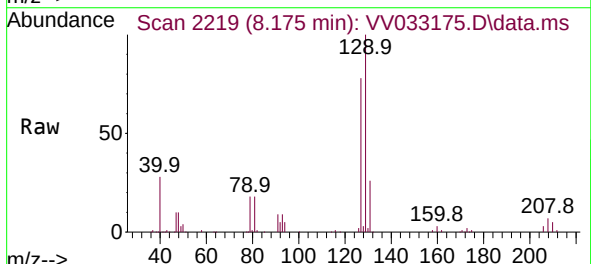
Instrument :
MSVOA_V
ClientSampleId :

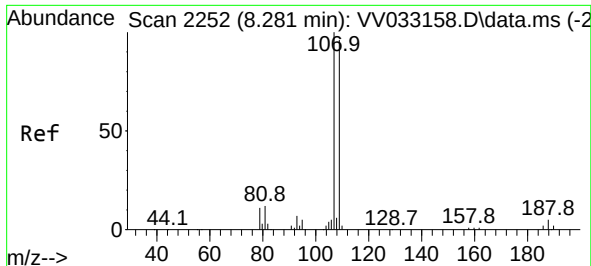
Tgt Ion: 43	Resp: 140142
Ion Ratio	Lower Upper
43 100	
58 62.5	47.9 71.9
57 22.5	17.4 26.0
100 18.9	13.4 20.0



#49
Dibromochloromethane
Concen: 51.751 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion:129	Resp: 119753
Ion Ratio	Lower Upper
129 100	
127 78.4	54.1 100.5





#50

1,2-Dibromoethane

Concen: 52.339 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

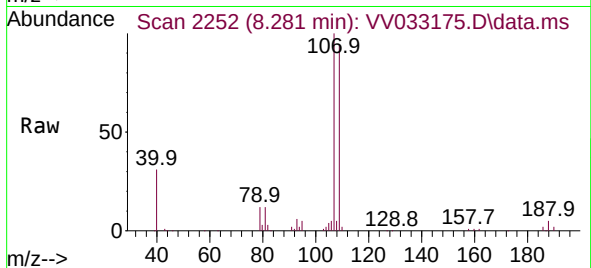
Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :



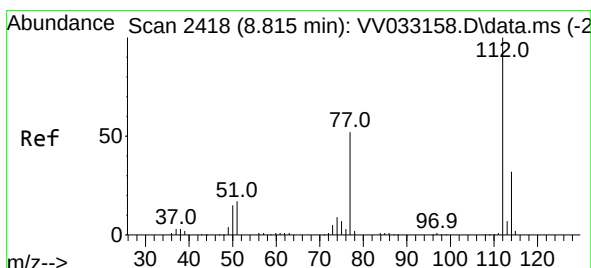
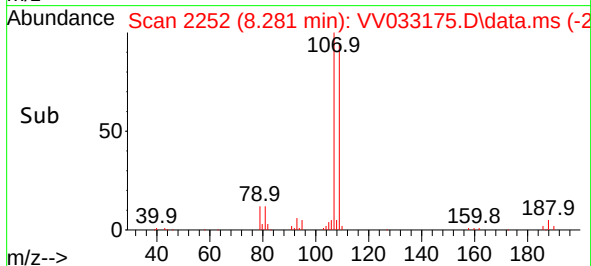
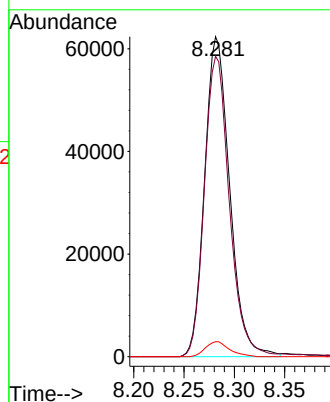
Tgt Ion:107 Resp: 108167

Ion Ratio Lower Upper

107 100

109 93.9 65.2 121.2

188 4.7 3.8 5.6



#51

Chlorobenzene

Concen: 50.727 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

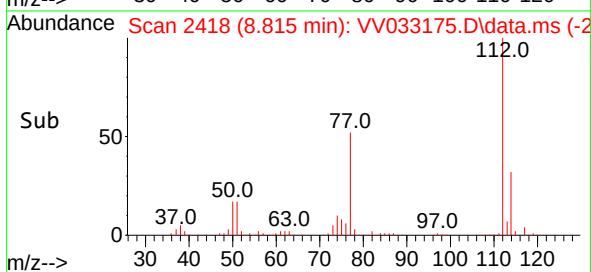
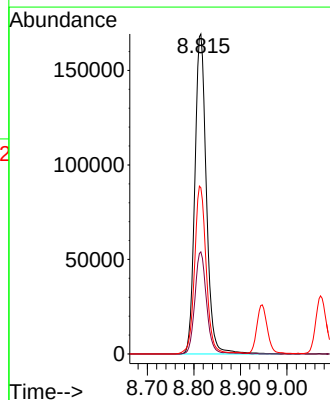
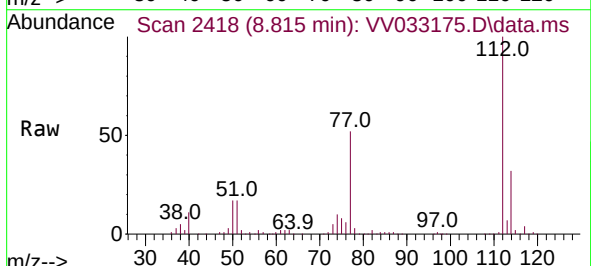
Tgt Ion:112 Resp: 290379

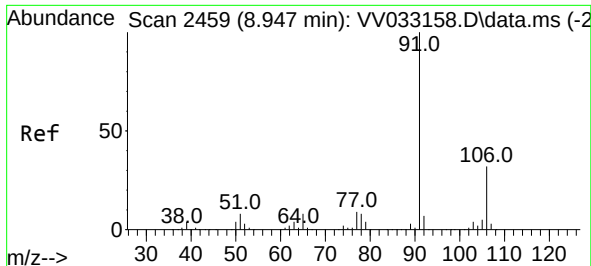
Ion Ratio Lower Upper

112 100

114 31.9 22.9 42.5

77 51.9 42.6 64.0

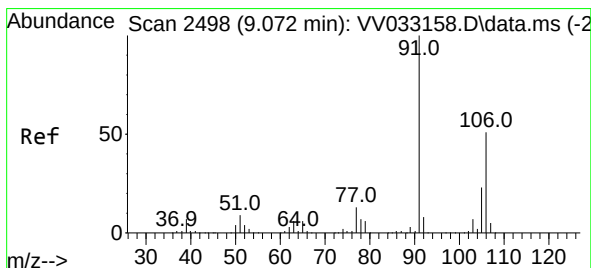
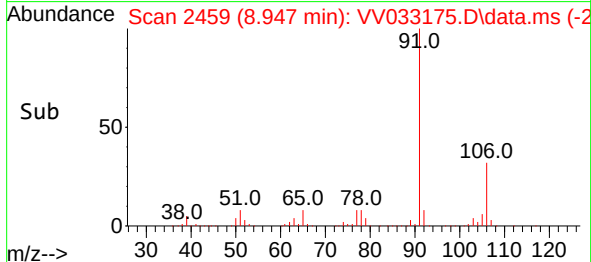
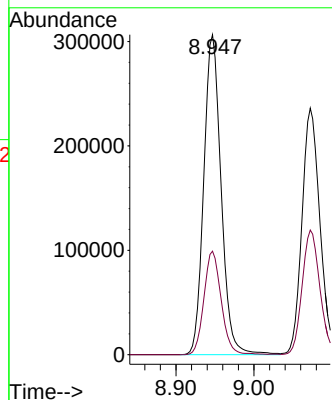
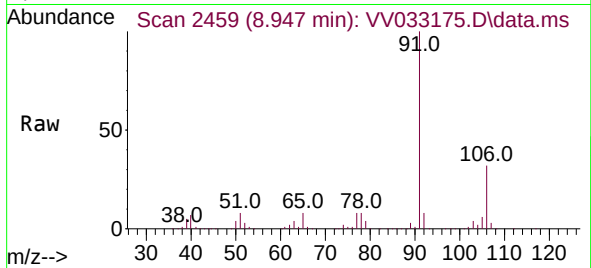




#52
Ethylbenzene
Concen: 50.586 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

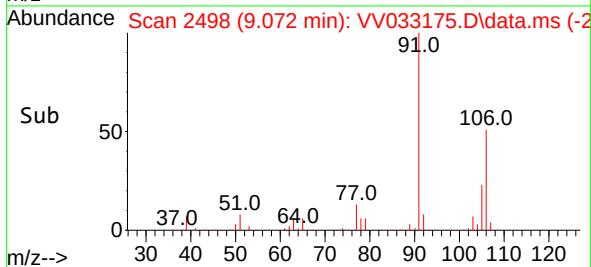
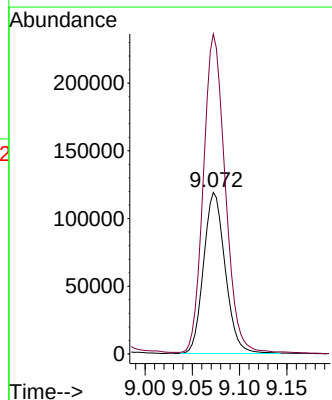
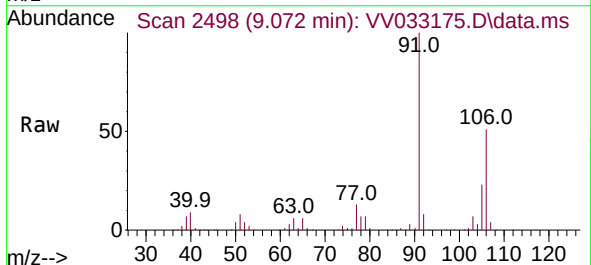
Instrument :
MSVOA_V
ClientSampleId :

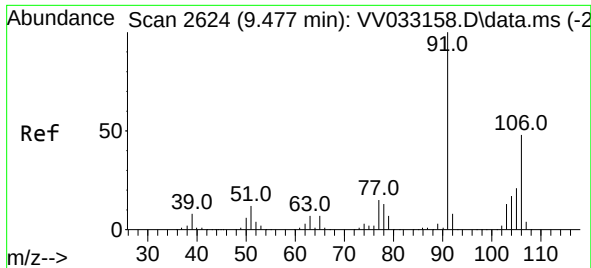
Tgt Ion: 91 Resp: 473979
Ion Ratio Lower Upper
91 100
106 32.4 22.6 42.0



#53
m,p-Xylene
Concen: 50.967 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 106 Resp: 189117
Ion Ratio Lower Upper
106 100
91 197.9 145.2 269.6

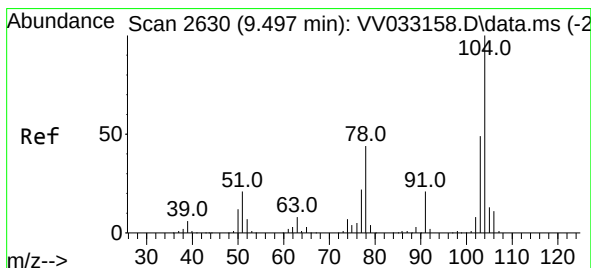
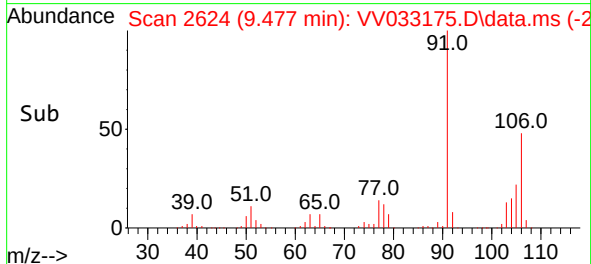
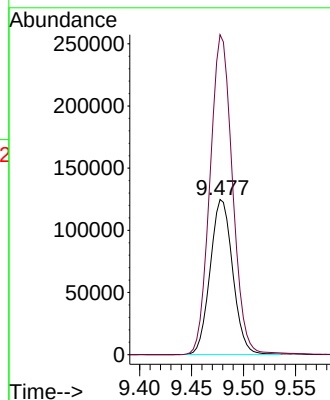
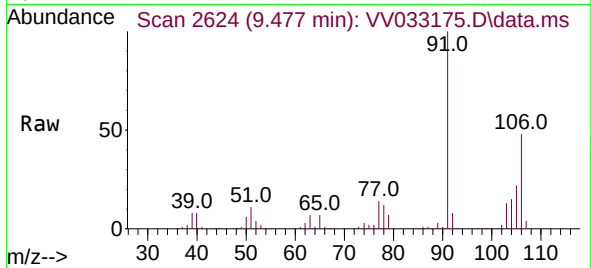




#54
o-Xylene
Concen: 51.347 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

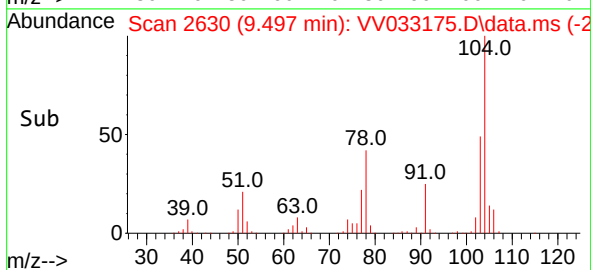
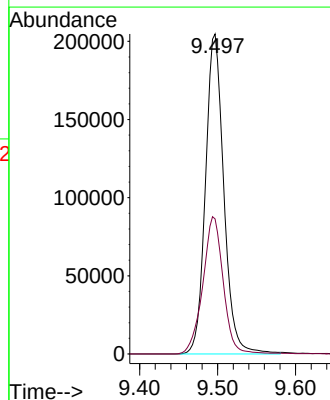
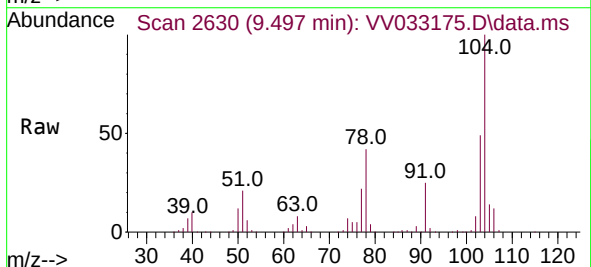
Instrument :
MSVOA_V
ClientSampleId :

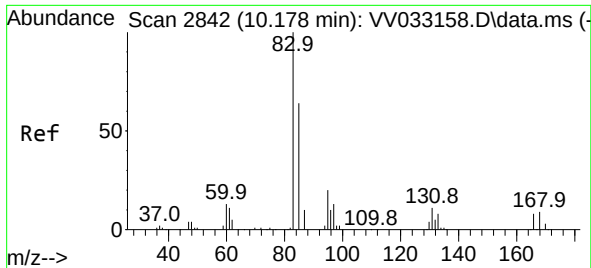
Tgt Ion:106 Resp: 188008
Ion Ratio Lower Upper
106 100
91 206.3 147.8 274.6



#55
Styrene
Concen: 52.785 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion:104 Resp: 334348
Ion Ratio Lower Upper
104 100
78 42.2 30.2 56.0

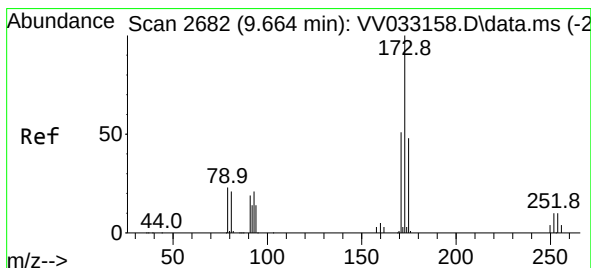
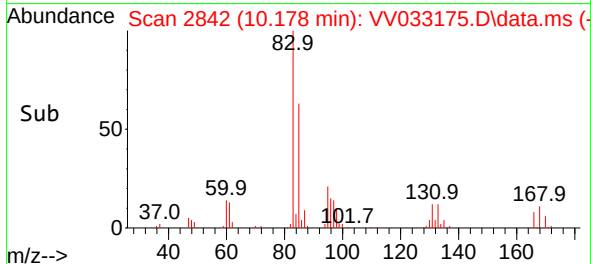
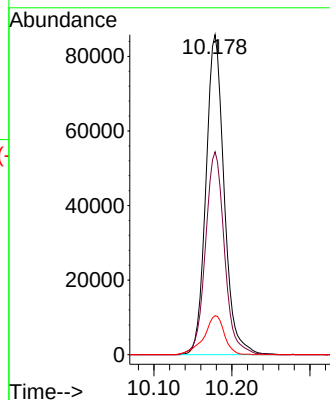
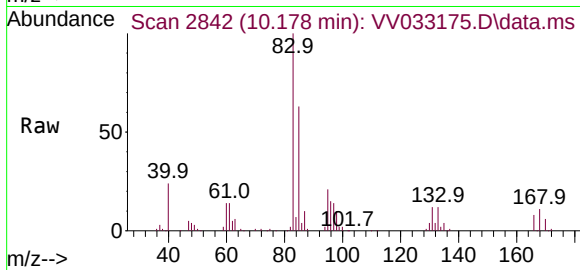




#57
1,1,2,2-Tetrachloroethane
Concen: 52.553 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

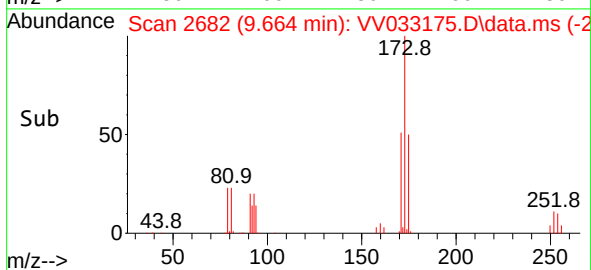
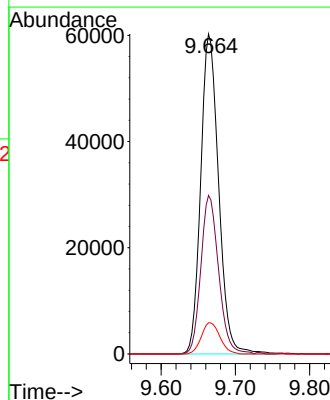
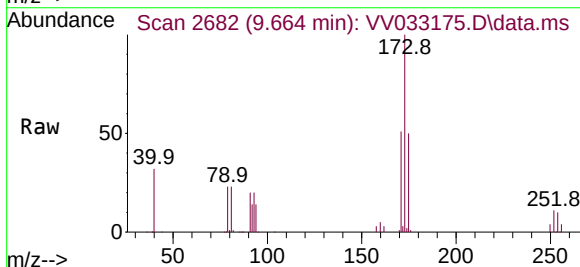
Instrument :
MSVOA_V
ClientSampleId :

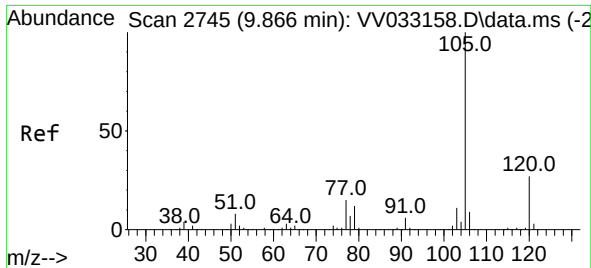
Tgt Ion: 83 Resp: 139183
Ion Ratio Lower Upper
83 100
85 63.4 45.5 84.5
131 12.2 9.7 14.5



#59
Bromoform
Concen: 54.152 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 173 Resp: 101084
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 10.1 8.0 12.0

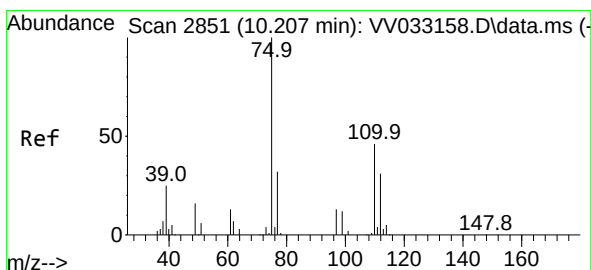
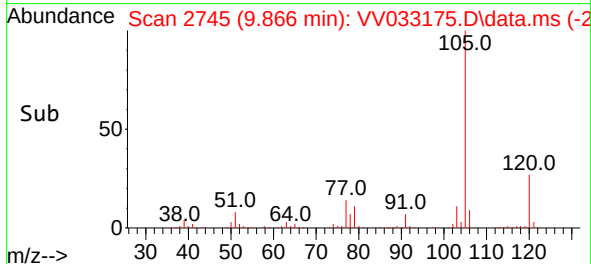
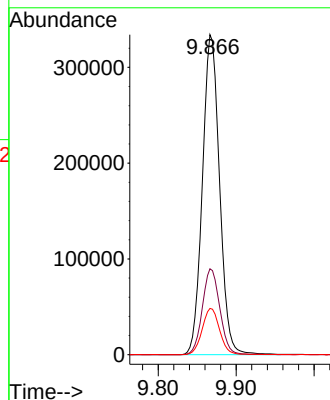
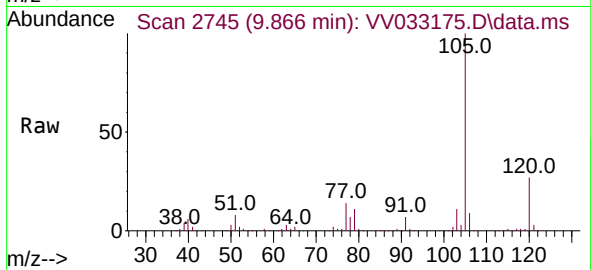




#60
Isopropylbenzene
Concen: 51.555 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

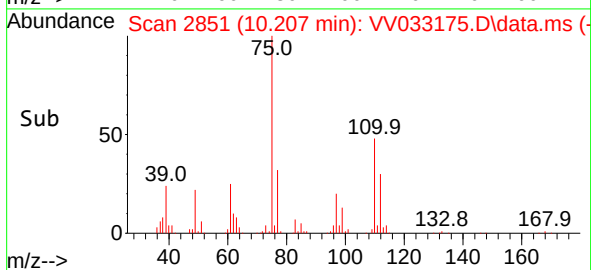
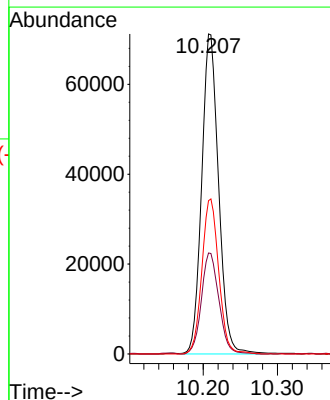
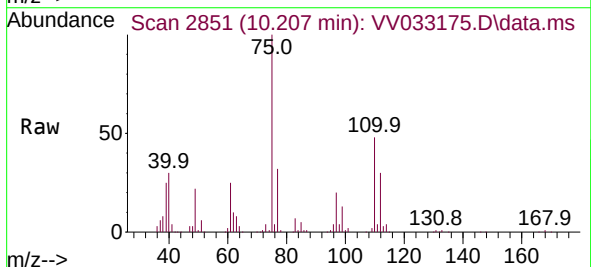
Instrument :
MSVOA_V
ClientSampleId :

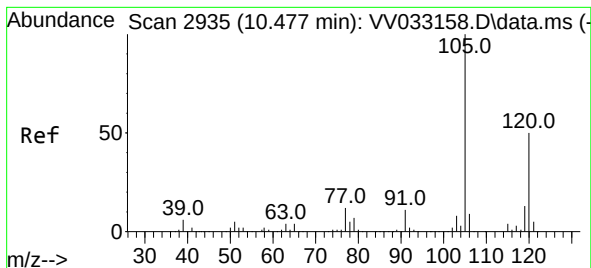
Tgt Ion:105 Resp: 511273
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 14.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 52.550 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion: 75 Resp: 112700
Ion Ratio Lower Upper
75 100
77 32.5 27.0 40.6
110 48.3 38.1 57.1





#62

1,3,5-Trimethylbenzene

Concen: 51.618 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

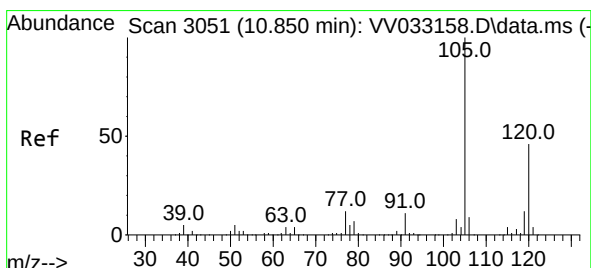
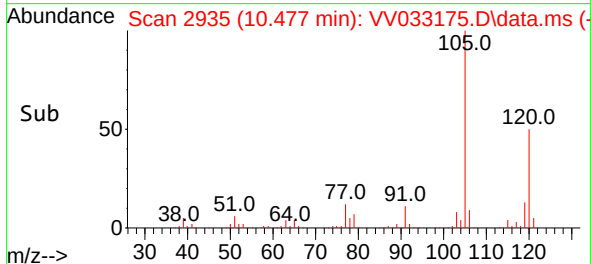
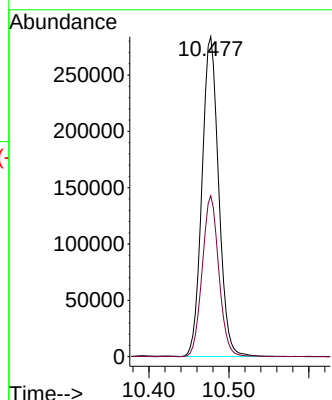
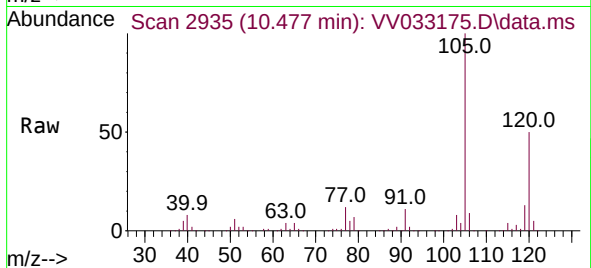
ClientSampleId :

Tgt Ion:105 Resp: 412424

Ion Ratio Lower Upper

105 100

120 50.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 52.270 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033175.D

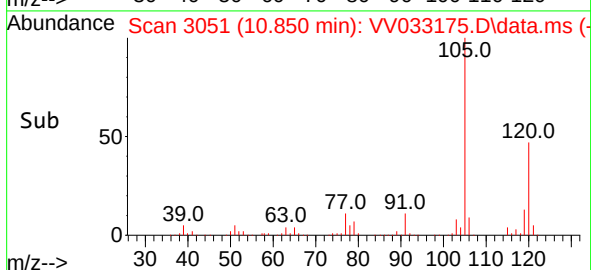
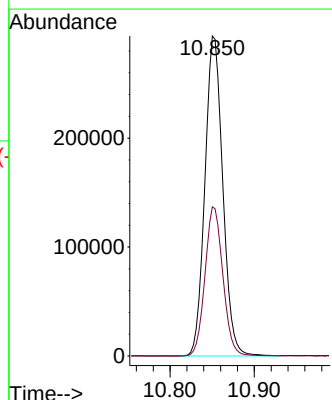
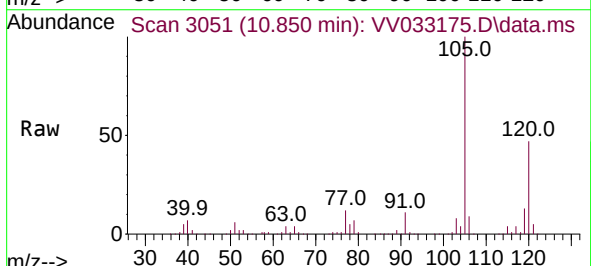
Acq: 08 Dec 2023 02:38

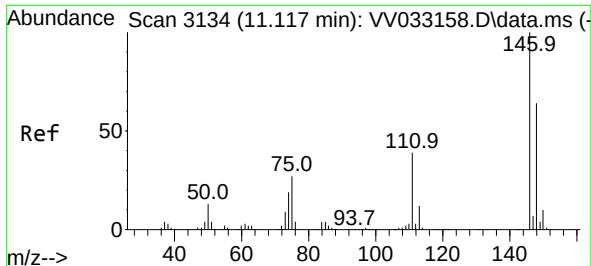
Tgt Ion:105 Resp: 434939

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1

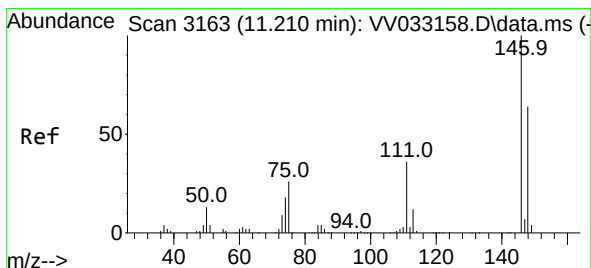
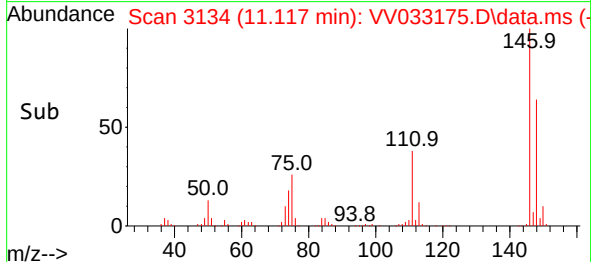
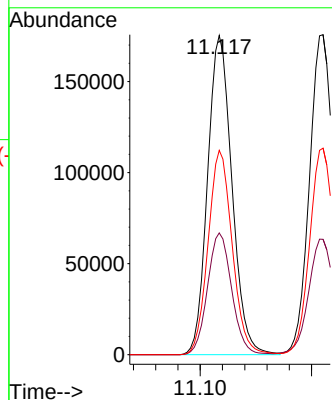
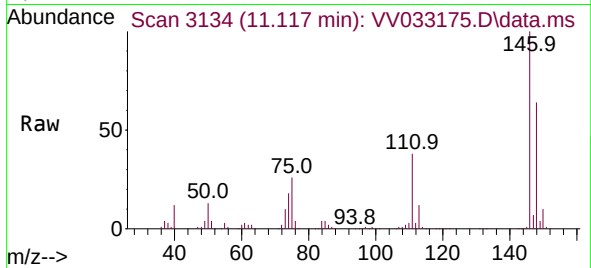




#64
1,3-Dichlorobenzene
Concen: 50.313 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

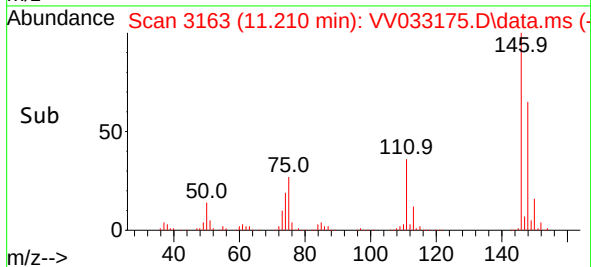
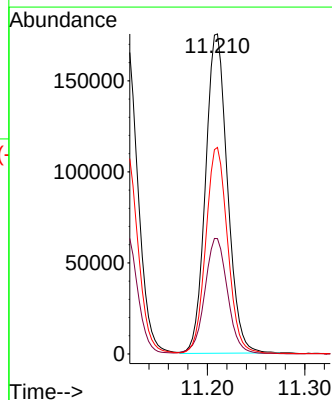
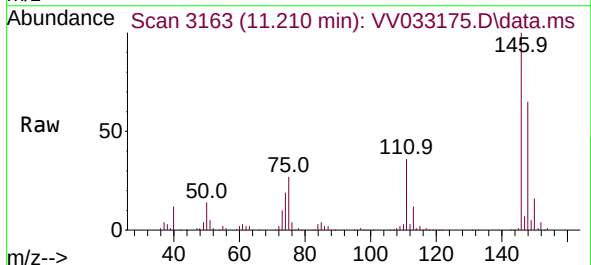
Instrument :
MSVOA_V
ClientSampleId :

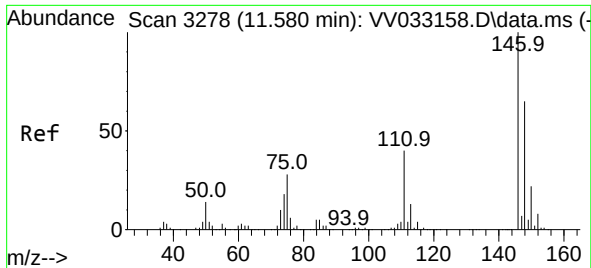
Tgt Ion:146 Resp: 266563
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.6
148 64.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 49.866 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion:146 Resp: 274439
Ion Ratio Lower Upper
146 100
111 36.1 25.9 48.1
148 64.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.072 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :

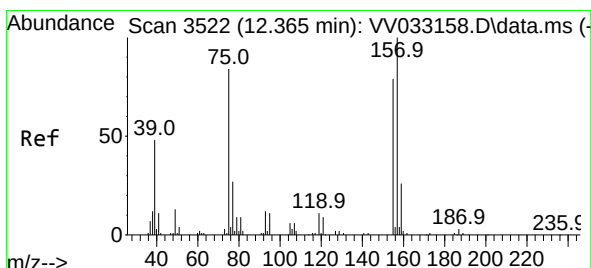
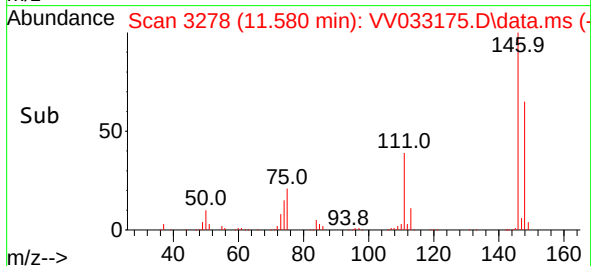
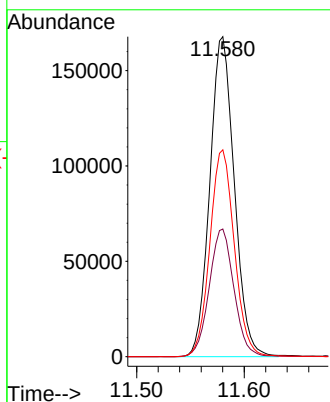
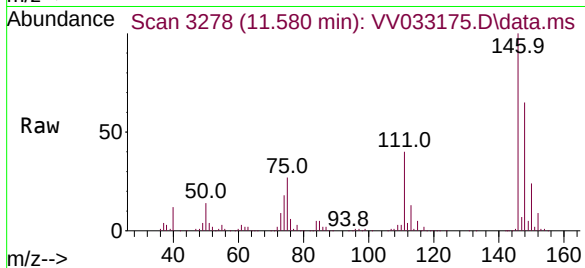
Tgt Ion:146 Resp: 265267

Ion Ratio Lower Upper

146 100

111 39.9 32.4 48.6

148 64.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.728 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033175.D

Acq: 08 Dec 2023 02:38

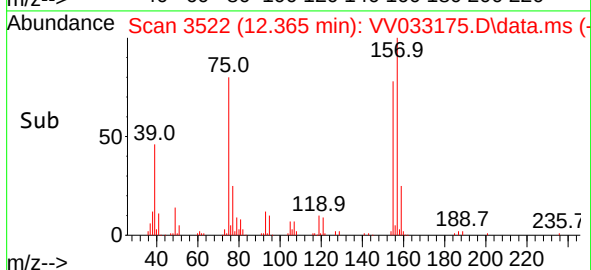
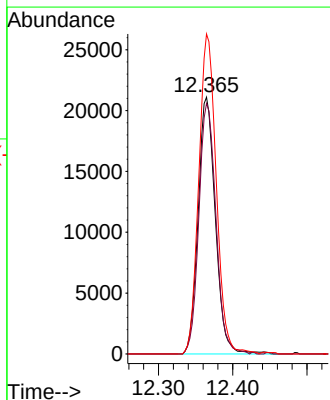
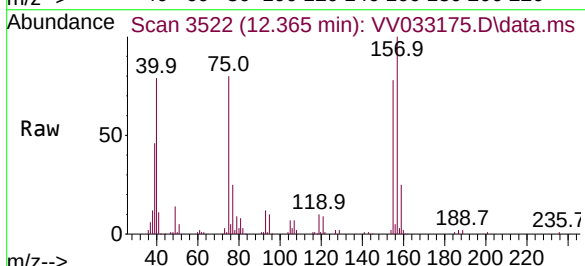
Tgt Ion: 75 Resp: 34040

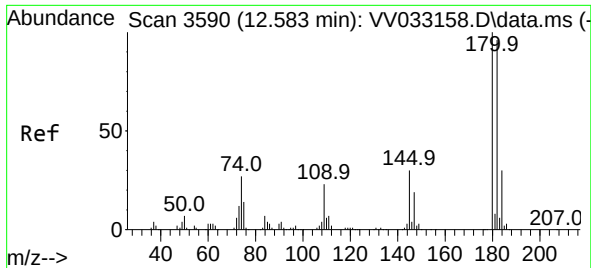
Ion Ratio Lower Upper

75 100

155 97.6 75.8 113.6

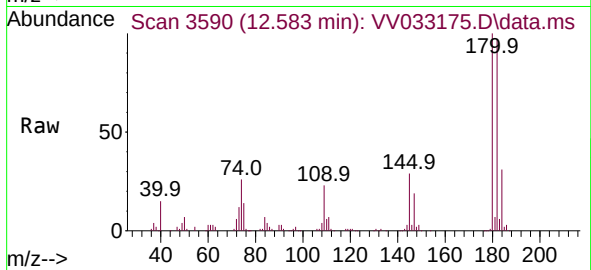
157 124.6 95.4 143.0



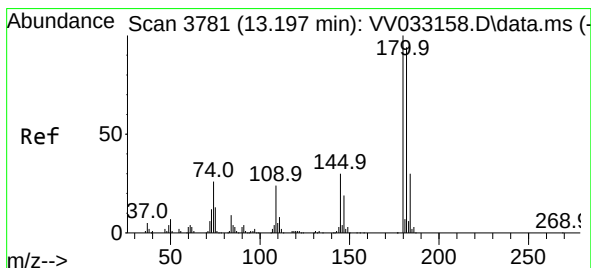
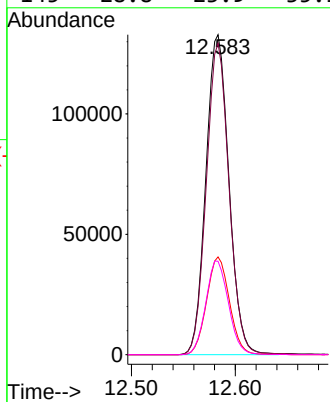
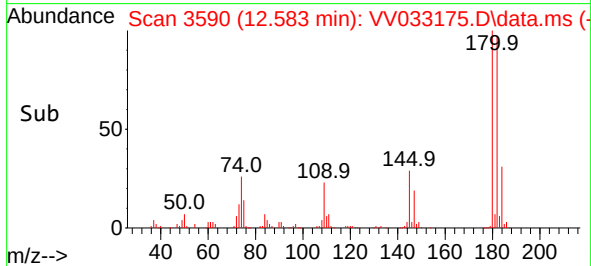


#69
 1,3,5-Trichlorobenzene
 Concen: 48.272 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38

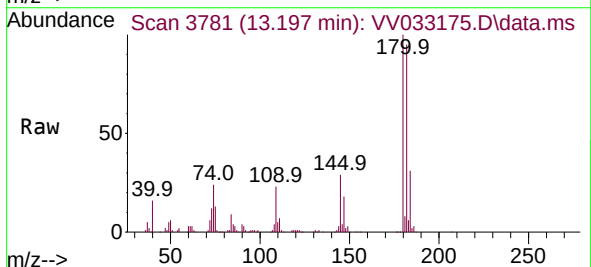
Instrument :
 MSVOA_V
 ClientSampleId :



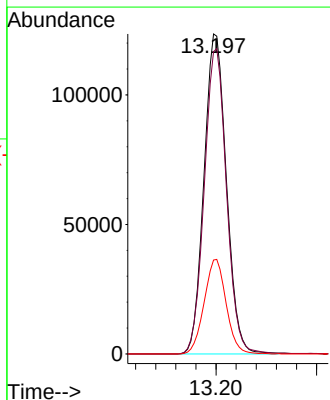
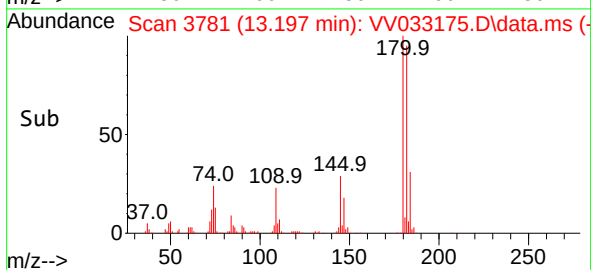
Tgt Ion:180 Resp: 204857
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.2 114.4
 184 30.3 24.2 36.4
 145 28.8 23.9 35.9

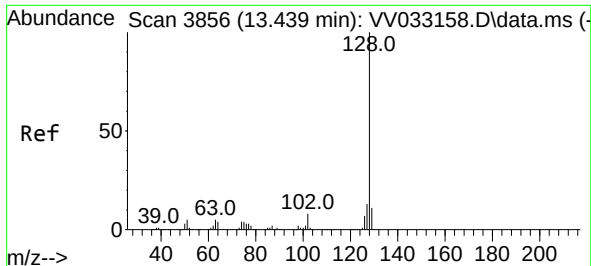


#70
 1,2,4-trichlorobenzene
 Concen: 48.767 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033175.D
 Acq: 08 Dec 2023 02:38



Tgt Ion:180 Resp: 191204
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.3 114.5
 145 28.9 23.4 35.0

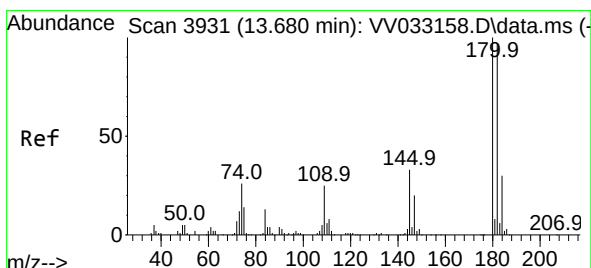
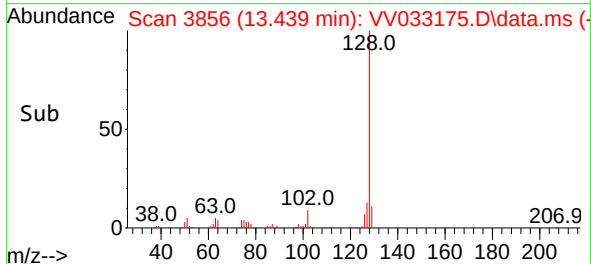
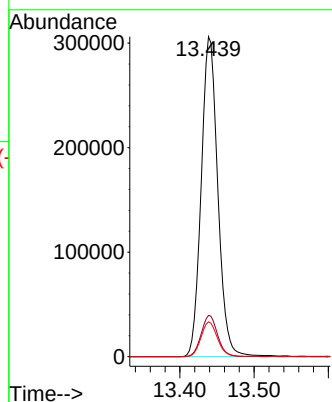
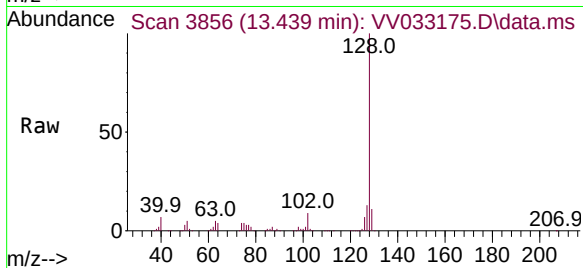




#71
Naphthalene
Concen: 49.757 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 475763
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.246 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033175.D
Acq: 08 Dec 2023 02:38

Tgt Ion:180 Resp: 193876
Ion Ratio Lower Upper
180 100
182 94.2 75.2 112.8
145 31.5 24.9 37.3

