

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110423\
 Data File : VW032847.D
 Acq On : 03 Nov 2023 13:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 04 00:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 04 00:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	308365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	345449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	193445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107252	36.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.140%
7) Chloroethane-d5	1.532	69	104563	42.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.260%
11) 1,1-Dichloroethene-d2	2.060	65	46667	38.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.040%
21) 2-Butanone-d5	3.786	46	136039	106.934	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.930%
24) Chloroform-d	4.249	84	232569	49.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	4.940	65	151616	52.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.220%
32) Benzene-d6	4.960	84	419088	47.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	5.989	67	130064	48.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	7.243	98	418816	47.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
43) trans-1,3-Dichloroprop...	7.551	79	71543	50.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.820%
47) 2-Hexanone-d5	8.024	63	102823	104.377	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	209862	51.251	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.500%
66) 1,2-Dichlorobenzene-d4	11.561	152	181937	48.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	100721	37.121	ug/L	99
3) Chloromethane	1.217	50	120738	45.996	ug/L	98
5) Vinyl chloride	1.285	62	115316	41.199	ug/L	99
6) Bromomethane	1.484	94	97913	50.133	ug/L	98
8) Chloroethane	1.548	64	88028	46.717	ug/L	100
9) Trichlorofluoromethane	1.716	101	177050	39.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	110711	41.020	ug/L	99
12) 1,1-Dichloroethene	2.069	96	96541	41.859	ug/L	94
13) Acetone	2.114	43	156388	73.442	ug/L	99
14) Carbon disulfide	2.243	76	226439	41.128	ug/L	99
15) Methyl Acetate	2.371	43	111465	51.626	ug/L	100
16) Methylene chloride	2.449	84	130056	42.513	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	103882	47.191	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	367923	56.595	ug/L	99
19) 1,1-Dichloroethane	3.111	63	205306	48.939	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	126265	51.936	ug/L	97
22) 2-Butanone	3.867	43	161025	89.168	ug/L	98
23) Bromochloromethane	4.146	128	69743	51.398	ug/L	95
25) Chloroform	4.275	83	243463	50.919	ug/L	98

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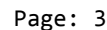
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

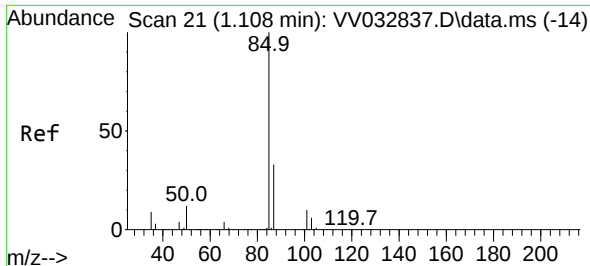
27) 1,2-Dichloroethane	5.040	62	186623	54.159	ug/L	100
29) Cyclohexane	4.584	56	123290	39.711	ug/L #	94
30) 1,1,1-Trichloroethane	4.510	97	182256	44.036	ug/L	100
31) Carbon tetrachloride	4.735	117	157369	43.029	ug/L	99
33) Benzene	5.011	78	458145	50.015	ug/L	100
34) Trichloroethene	5.831	95	119818	46.989	ug/L	97
35) Methylcyclohexane	6.053	83	167316	41.934	ug/L	99
37) 1,2-Dichloropropane	6.092	63	134155	55.173	ug/L	98
38) Bromodichloromethane	6.432	83	195112	51.149	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	210362	57.668	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	317587	110.211	ug/L	99
42) Toluene	7.317	91	533575	51.149	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	203235	54.242	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	146828	52.646	ug/L	98
46) Tetrachloroethene	7.905	164	100509	43.685	ug/L	98
48) 2-Hexanone	8.075	43	249448	96.481	ug/L	98
49) Dibromochloromethane	8.178	129	154386	52.948	ug/L	98
50) 1,2-Dibromoethane	8.281	107	154216	54.276	ug/L	98
51) Chlorobenzene	8.815	112	361361	48.931	ug/L	99
52) Ethylbenzene	8.947	91	566586	49.238	ug/L	99
53) m,p-Xylene	9.075	106	216461	49.426	ug/L	99
54) o-Xylene	9.480	106	219038	51.626	ug/L	97
55) Styrene	9.497	104	398902	53.950	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	218693	52.356	ug/L	99
59) Bromoform	9.667	173	111650	51.478	ug/L	100
60) Isopropylbenzene	9.870	105	555849	47.381	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	162656	50.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	456510	49.451	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	447926	50.723	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	298255	48.802	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	311305	48.275	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	308039	49.371	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	39789	47.316	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	206205	46.737	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	185963	48.737	ug/L	100
71) Naphthalene	13.442	128	500564	52.534	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	198279	52.046	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :

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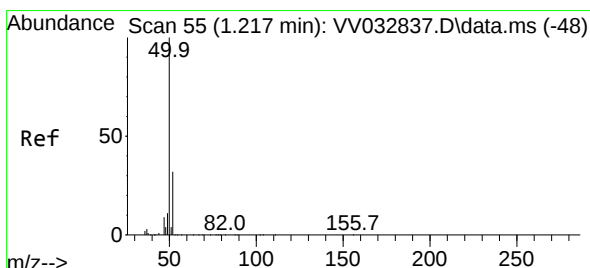
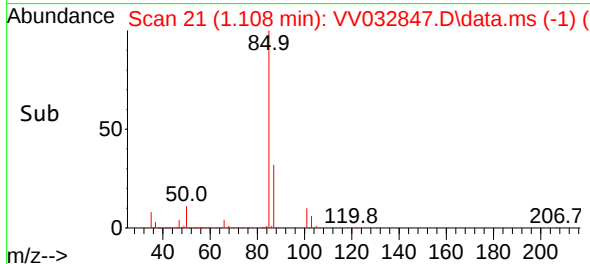
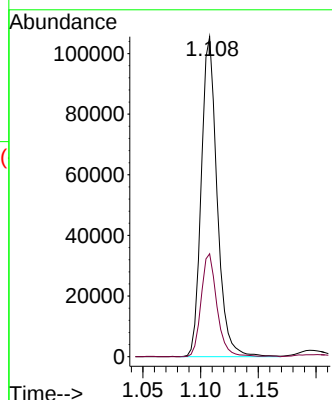
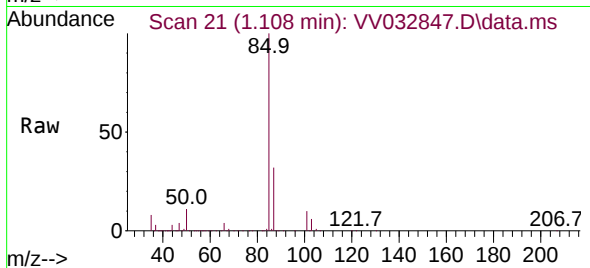




#2
 Dichlorodifluoromethane
 Concen: 37.121 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

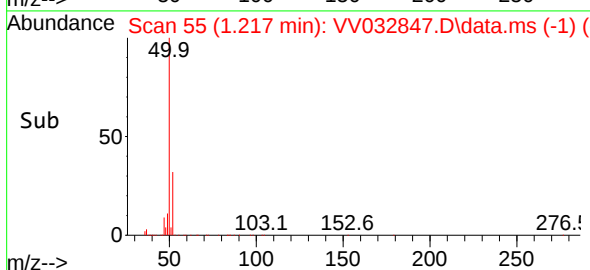
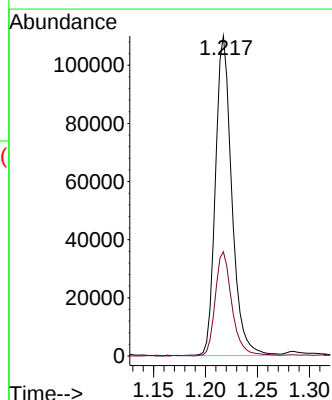
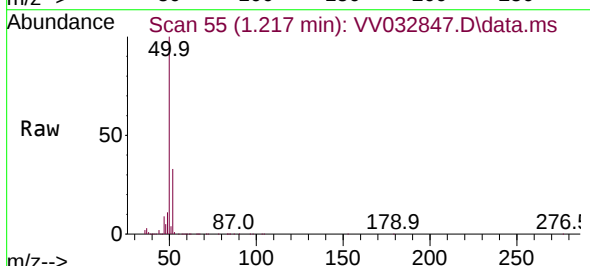
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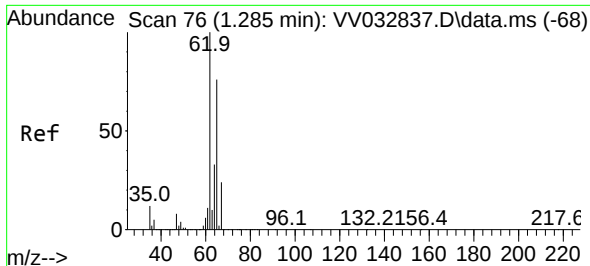
Tgt Ion: 85 Resp: 100721
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 45.996 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

Tgt Ion: 50 Resp: 120738
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.5 43.7

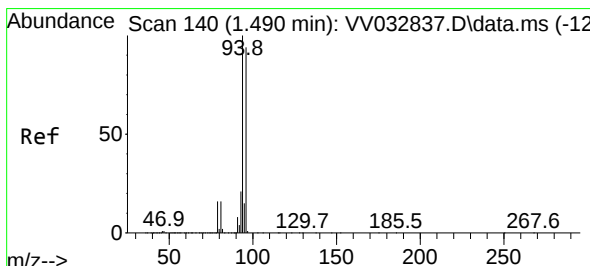
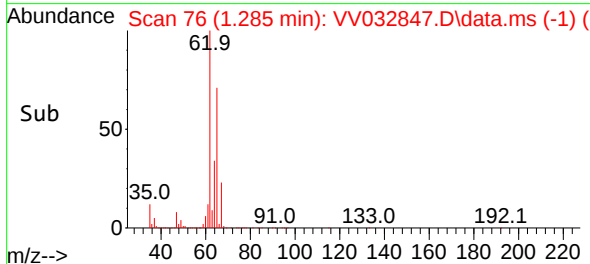
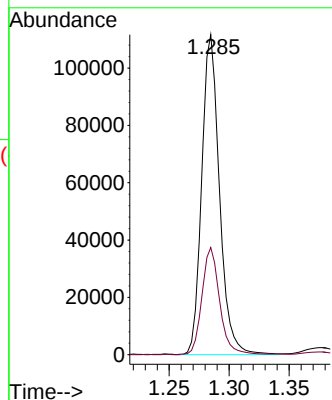
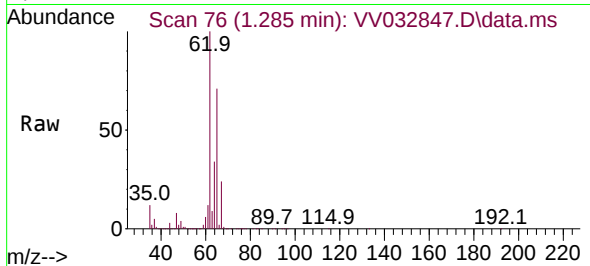




#5
 Vinyl chloride
 Concen: 41.199 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

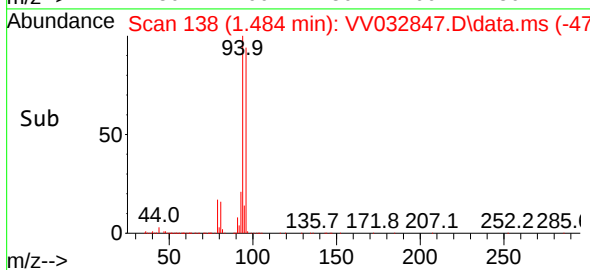
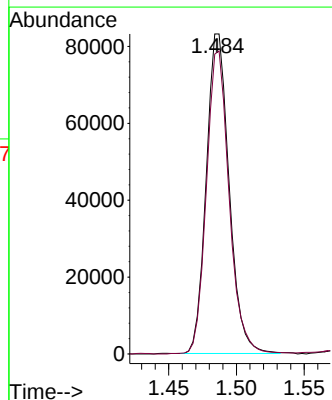
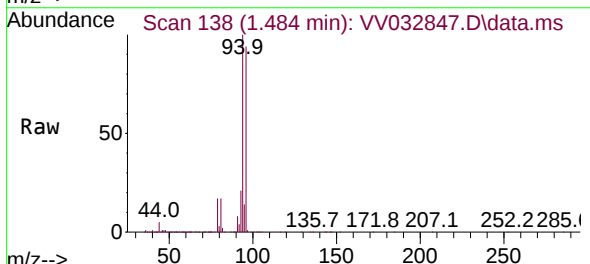
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 ClientSampleId :

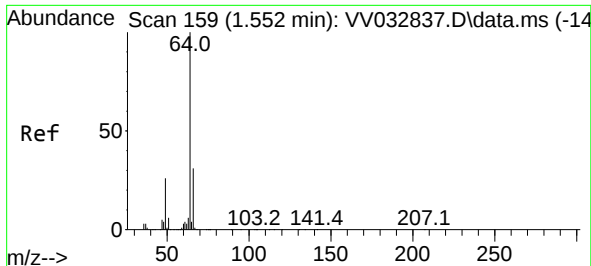
Tgt Ion: 62 Resp: 115316
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 50.133 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

Tgt Ion: 94 Resp: 97913
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.2 119.2

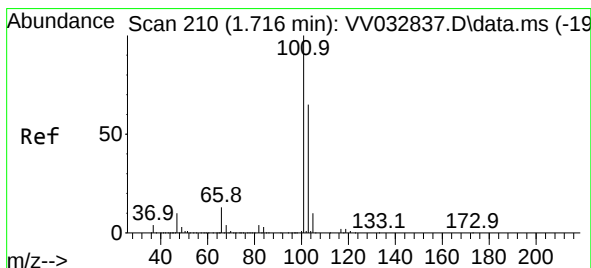
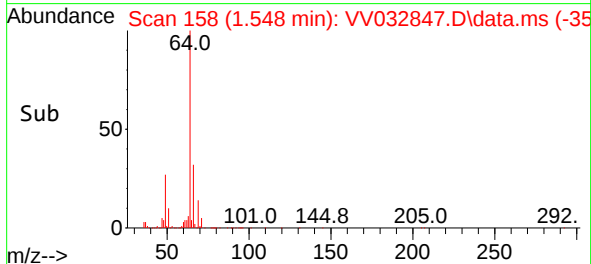
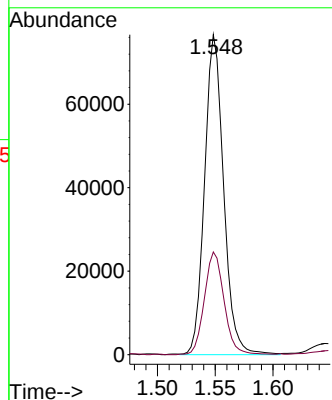
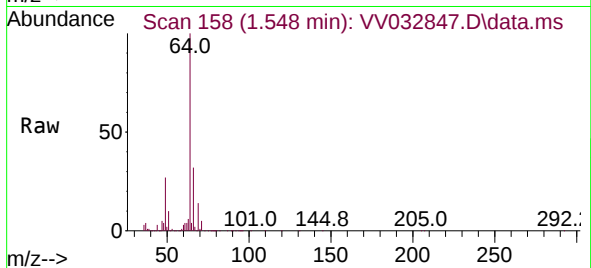




#8
Chloroethane
Concen: 46.717 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

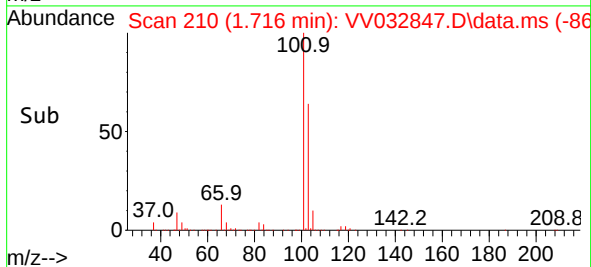
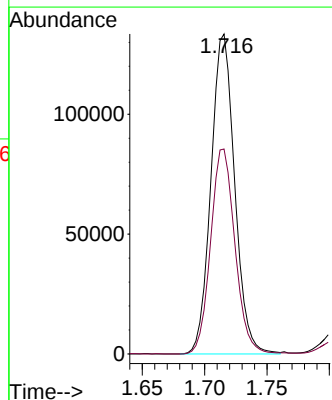
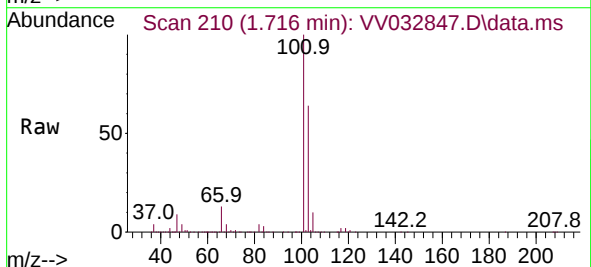
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MSVOA_V
ClientSampleId :

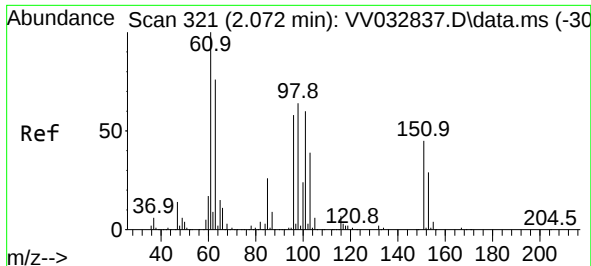
Tgt Ion: 64 Resp: 88028
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 39.692 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 101 Resp: 177050
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5





#10

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

Concen: 41.020 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

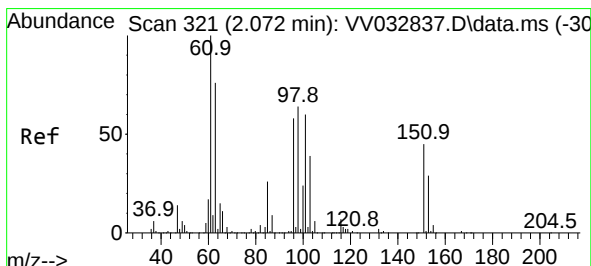
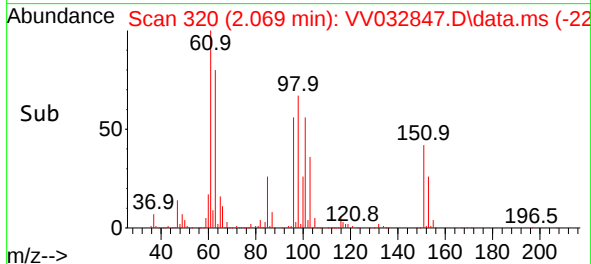
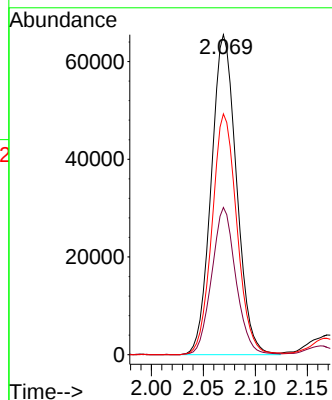
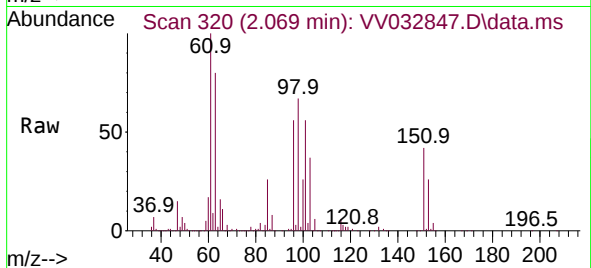
Tgt Ion:101 Resp: 110711

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

151 74.2 59.9 89.9



#12

1,1-Dichloroethene

Concen: 41.859 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

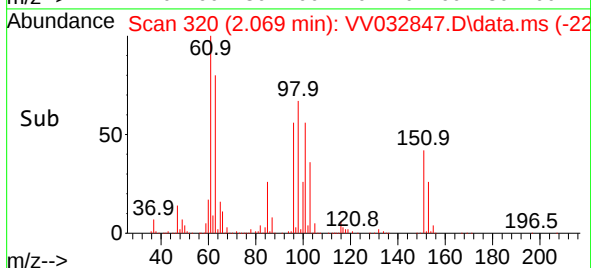
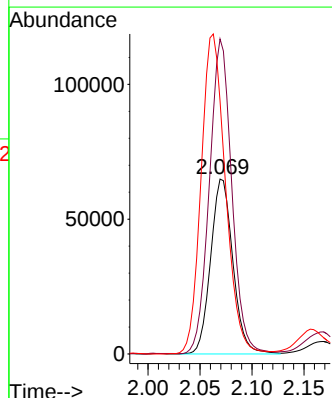
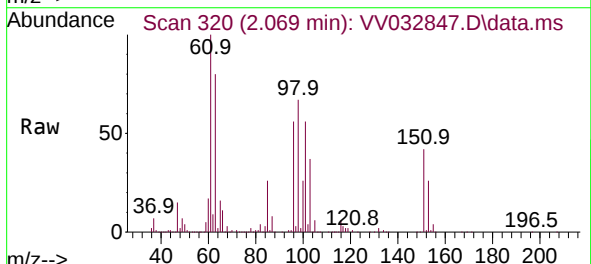
Tgt Ion: 96 Resp: 96541

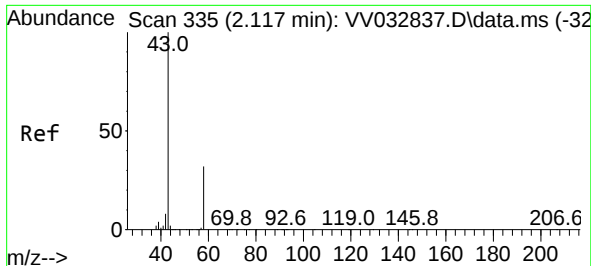
Ion Ratio Lower Upper

96 100

61 180.1 124.2 230.6

63 144.7 111.8 207.6





#13

Acetone

Concen: 73.442 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

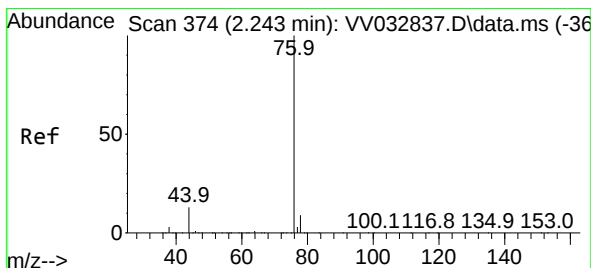
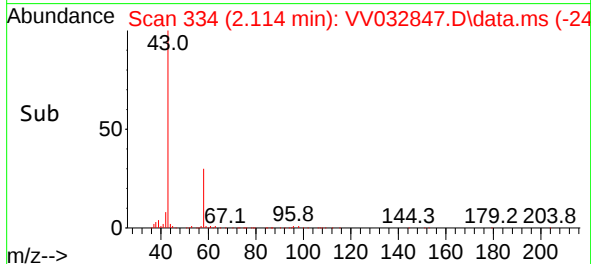
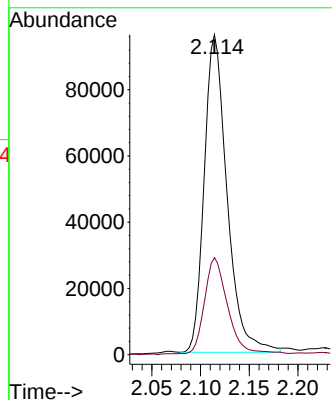
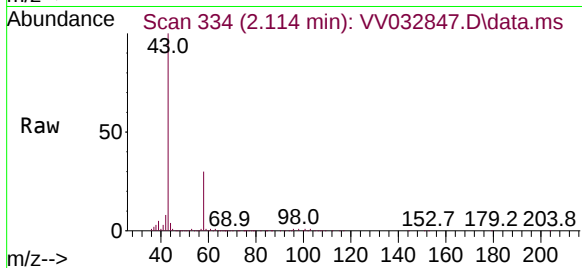
ClientSampleId :

Tgt Ion: 43 Resp: 156388

Ion Ratio Lower Upper

43 100

58 29.9 0.0 61.2



#14

Carbon disulfide

Concen: 41.128 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032847.D

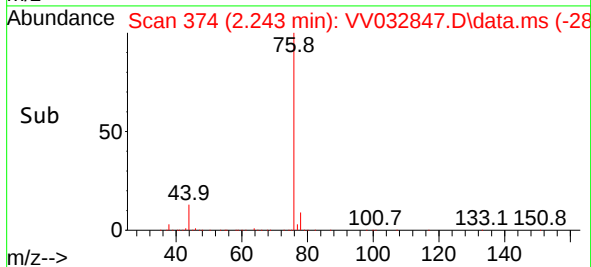
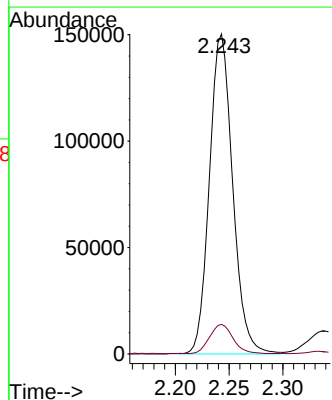
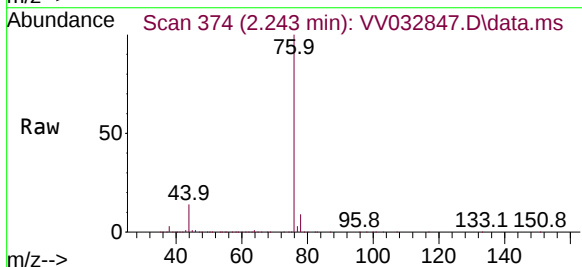
Acq: 03 Nov 2023 13:05

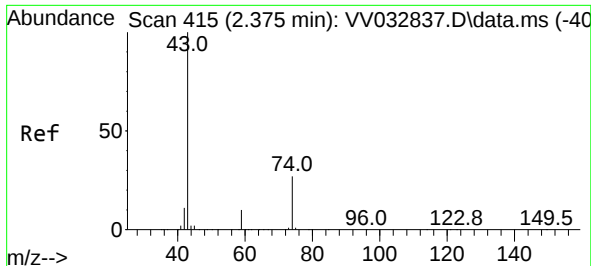
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Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

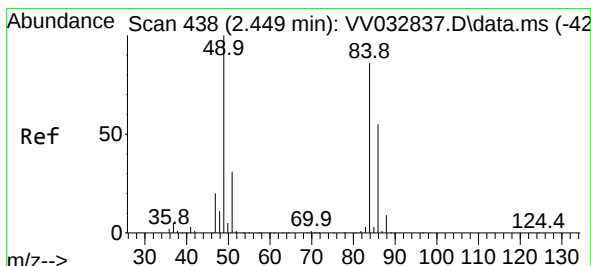
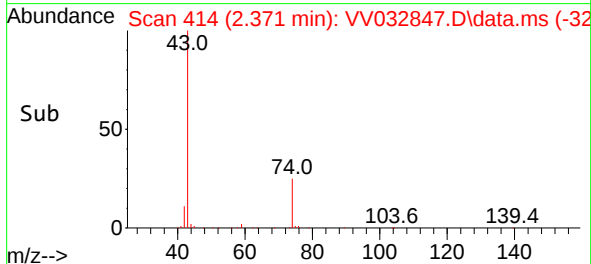
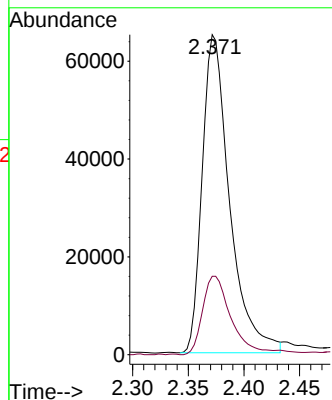
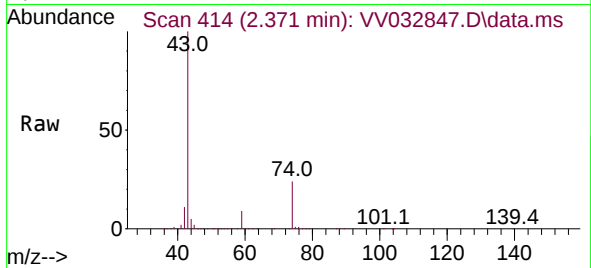




#15
Methyl Acetate
Concen: 51.626 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

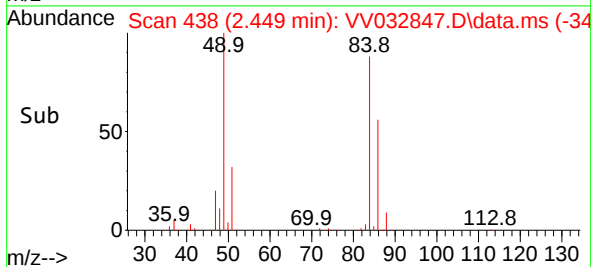
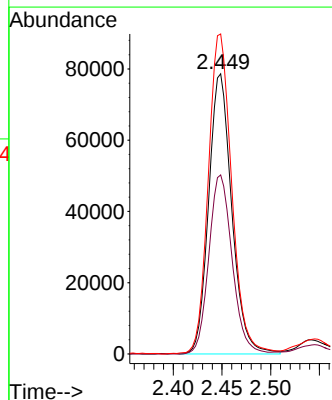
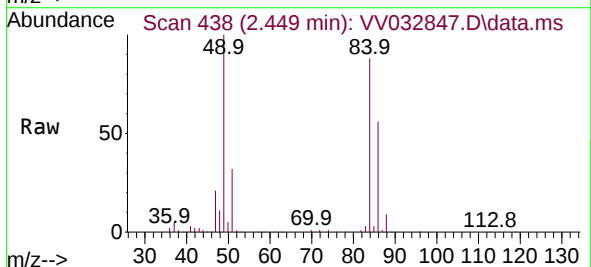
Instrument :
MSVOA_V
ClientSampleId :

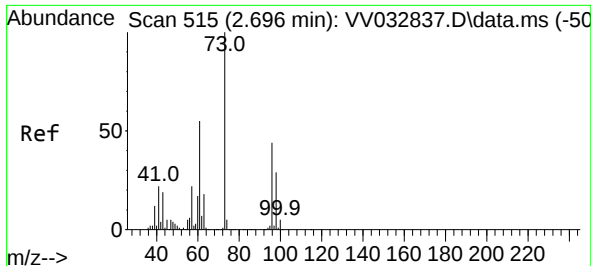
Tgt Ion: 43 Resp: 111465
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8



#16
Methylene chloride
Concen: 42.513 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

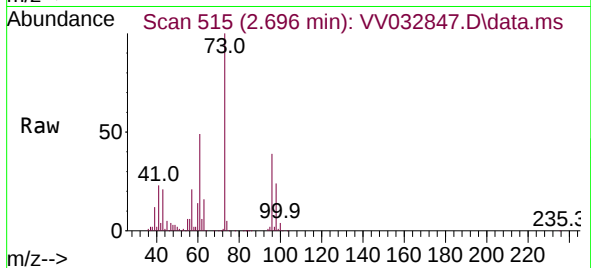
Tgt Ion: 84 Resp: 130056
Ion Ratio Lower Upper
84 100
86 63.9 45.0 83.6
49 114.2 81.2 150.8





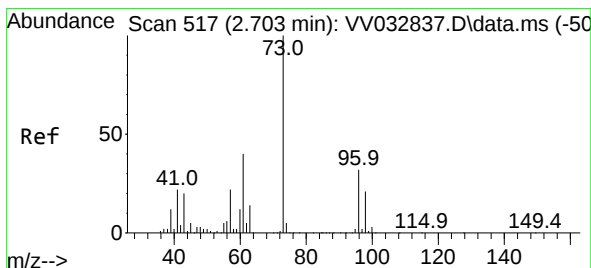
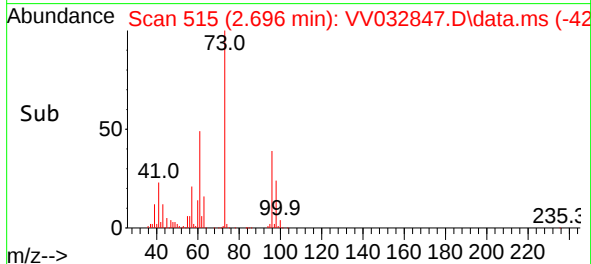
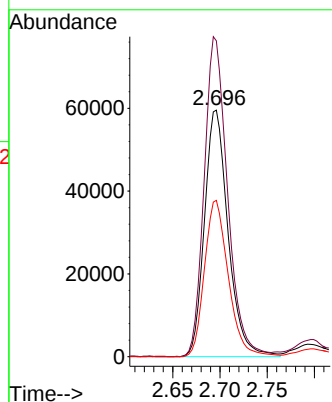
#17
trans-1,2-Dichloroethene
Concen: 47.191 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 103882

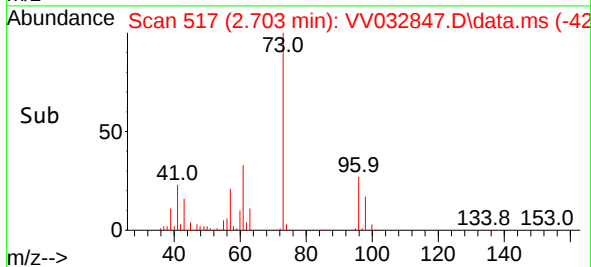
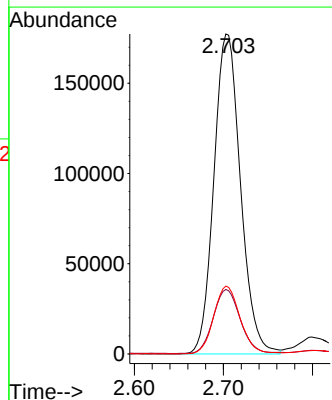
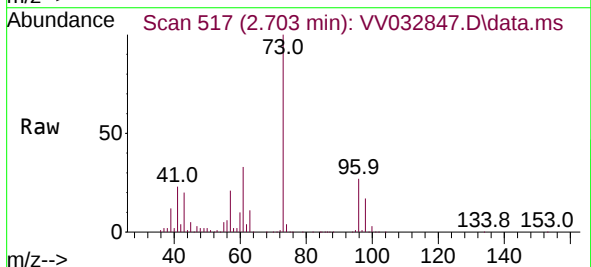
Ion	Ratio	Lower	Upper
96	100		
61	128.1	86.9	161.3
98	63.4	42.9	79.7

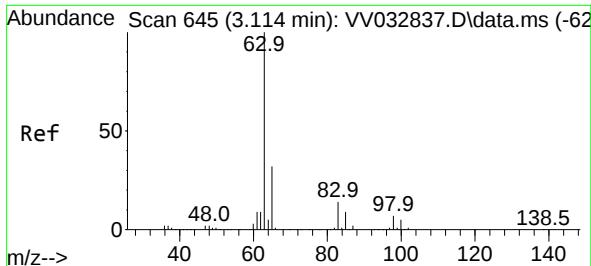


#18
Methyl tert-butyl Ether
Concen: 56.595 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 73 Resp: 367923

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.1	24.1
57	21.1	17.4	26.0





#19

1,1-Dichloroethane

Concen: 48.939 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

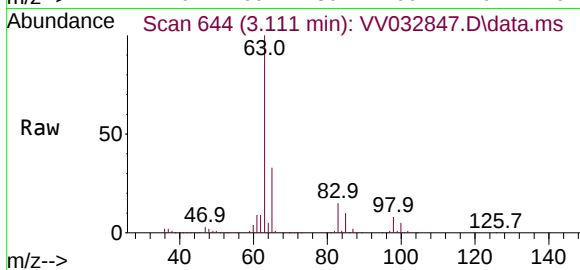
Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :



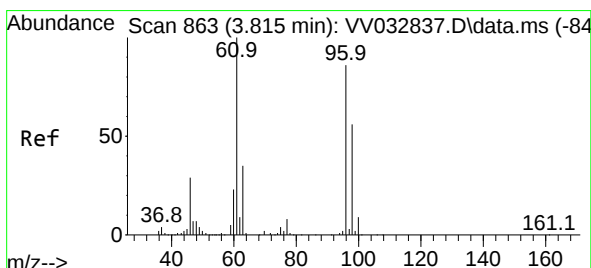
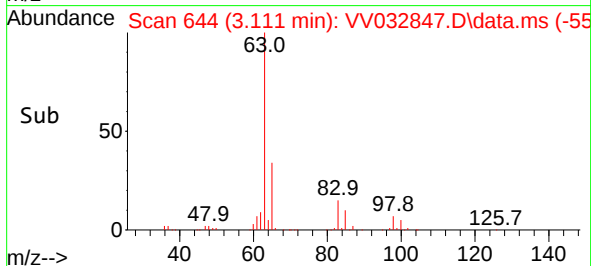
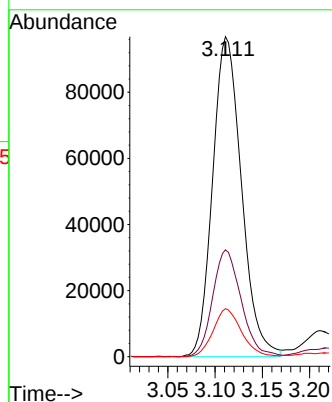
Tgt Ion: 63 Resp: 205306

Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.5

83 15.0 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 51.936 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

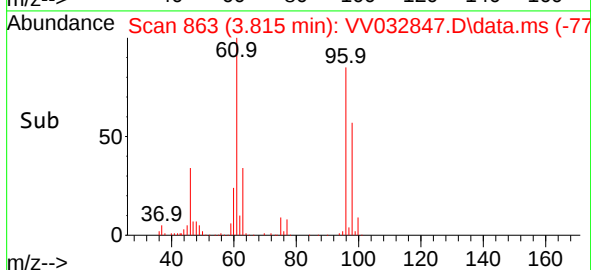
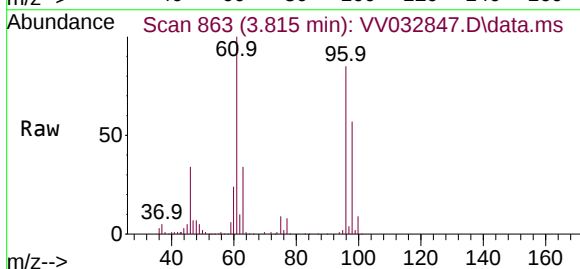
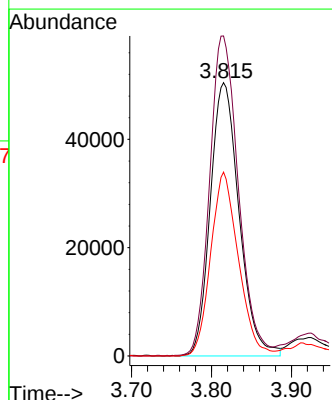
Tgt Ion: 96 Resp: 126265

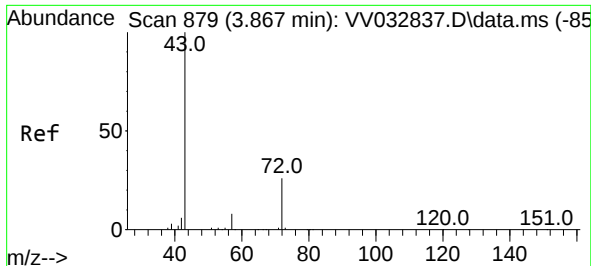
Ion Ratio Lower Upper

96 100

61 117.1 83.3 154.7

98 67.3 44.2 82.2

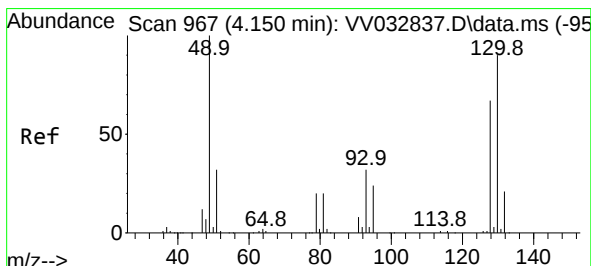
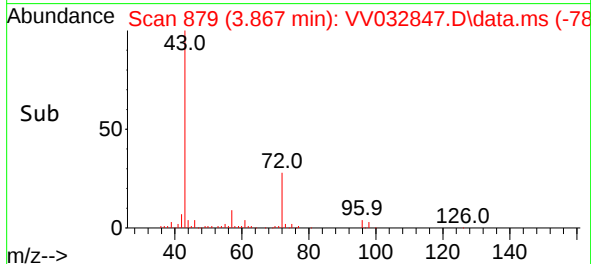
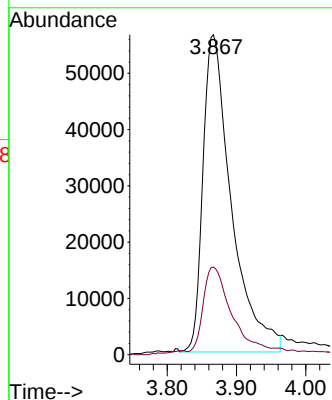
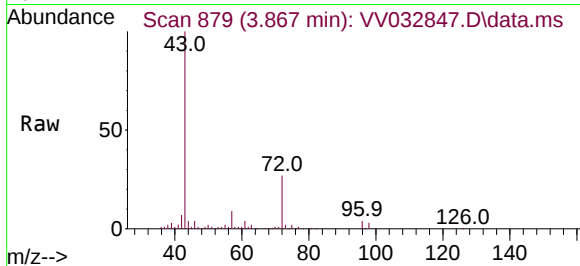




#22
2-Butanone
Concen: 89.168 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

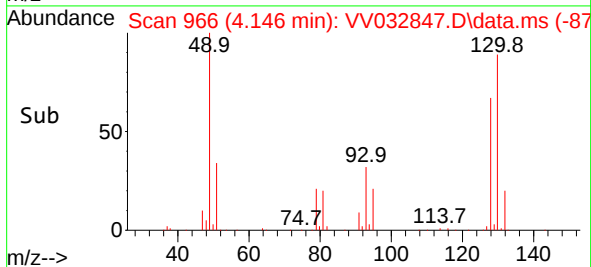
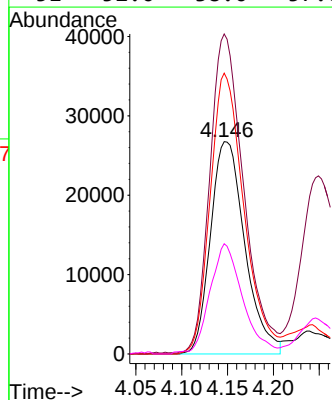
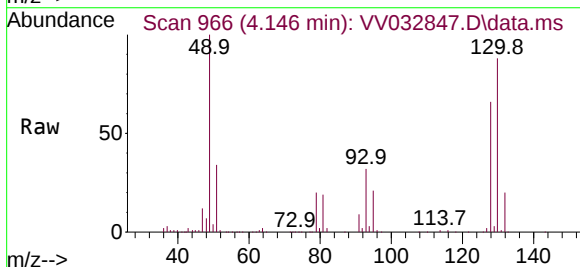
Instrument :
MSVOA_V
ClientSampleId :

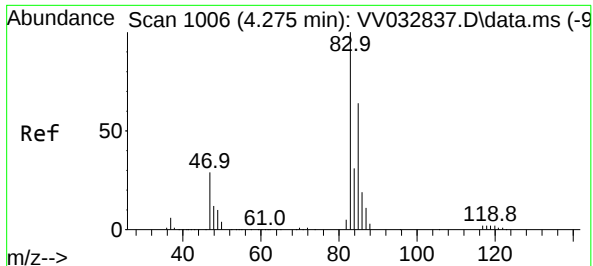
Tgt Ion: 43 Resp: 161025
Ion Ratio Lower Upper
43 100
72 26.0 13.5 40.4



#23
Bromochloromethane
Concen: 51.398 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 128 Resp: 69743
Ion Ratio Lower Upper
128 100
49 150.7 101.0 187.6
130 132.2 88.5 164.4
51 52.0 38.0 57.0





#25

Chloroform

Concen: 50.919 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

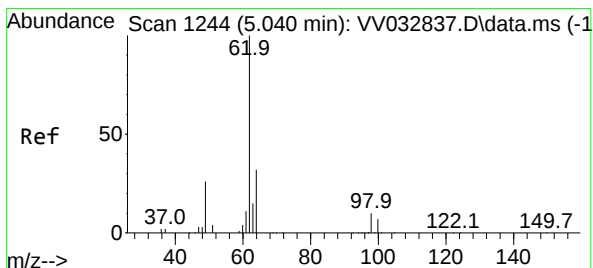
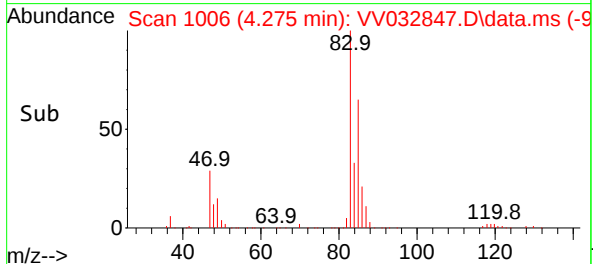
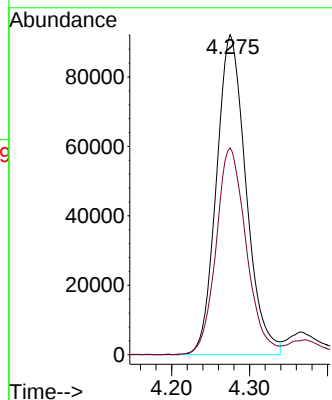
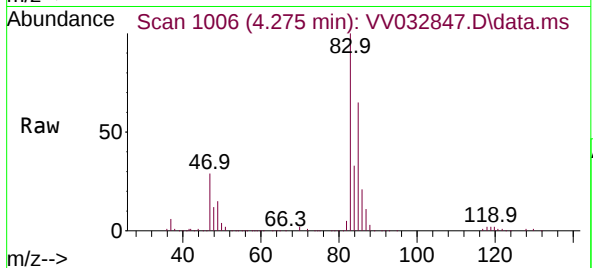
ClientSampleId :

Tgt Ion: 83 Resp: 243463

Ion Ratio Lower Upper

83 100

85 64.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 54.159 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV032847.D

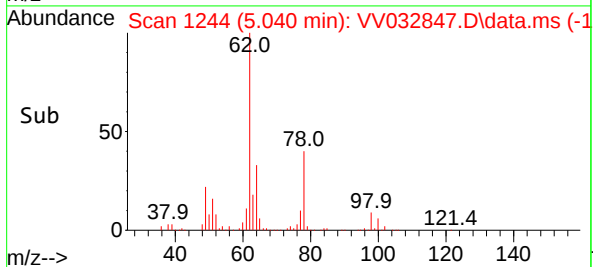
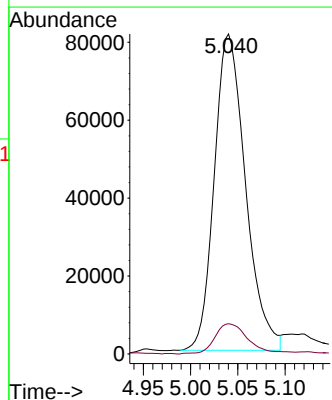
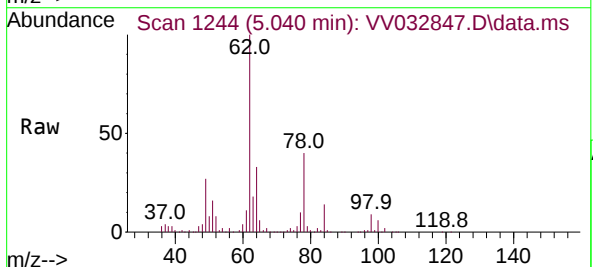
Acq: 03 Nov 2023 13:05

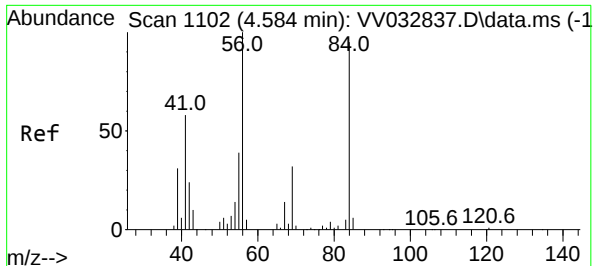
Tgt Ion: 62 Resp: 186623

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 39.711 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

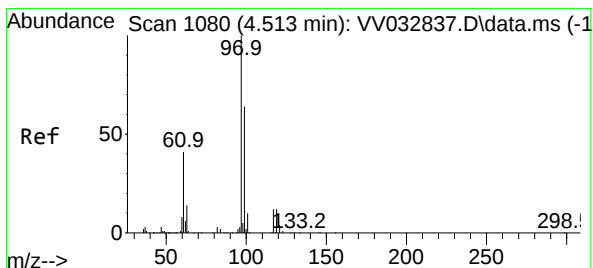
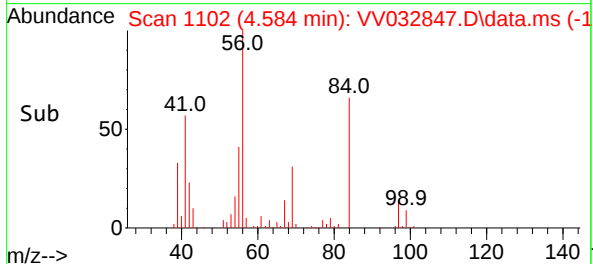
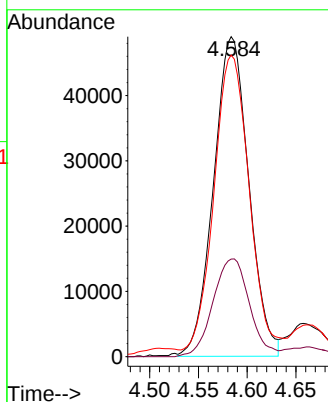
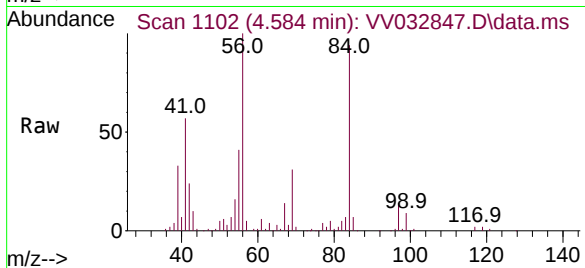
Tgt Ion: 56 Resp: 123290

Ion Ratio Lower Upper

56 100

69 31.6 13.4 20.0#

84 93.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 44.036 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

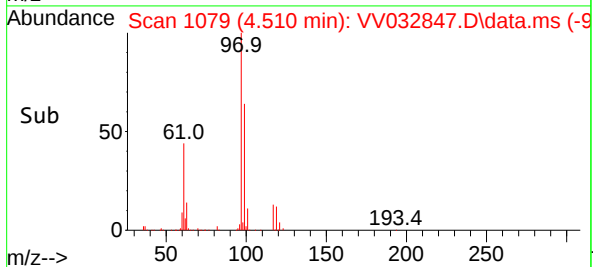
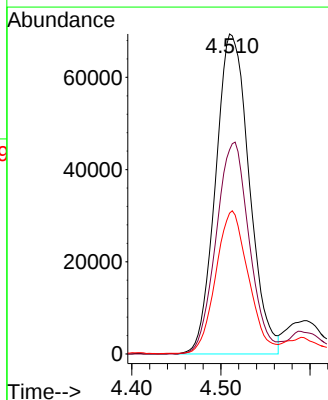
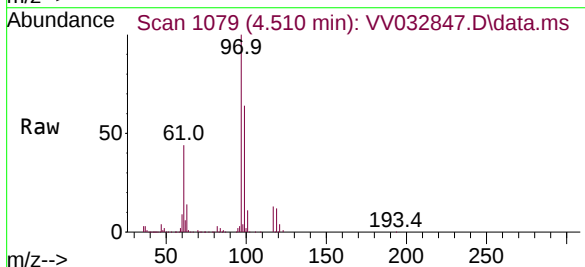
Tgt Ion: 97 Resp: 182256

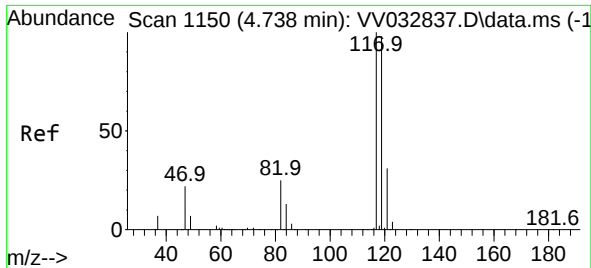
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 43.4 34.8 52.2

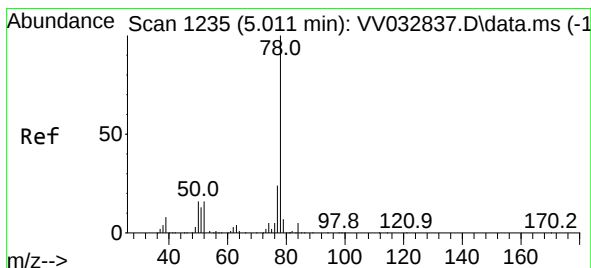
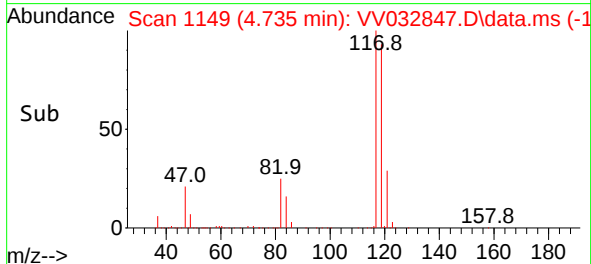
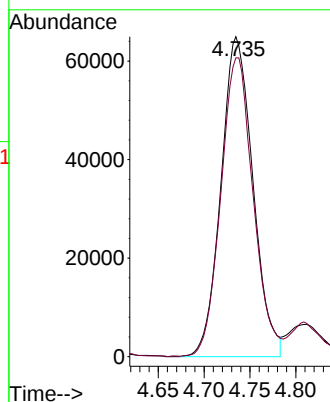
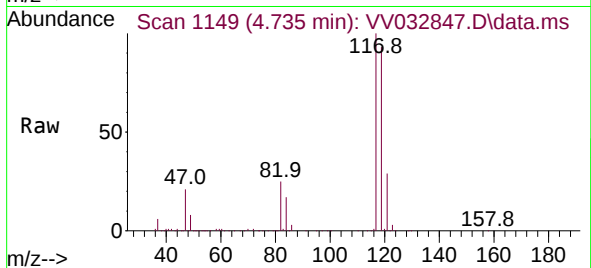




#31
Carbon tetrachloride
Concen: 43.029 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

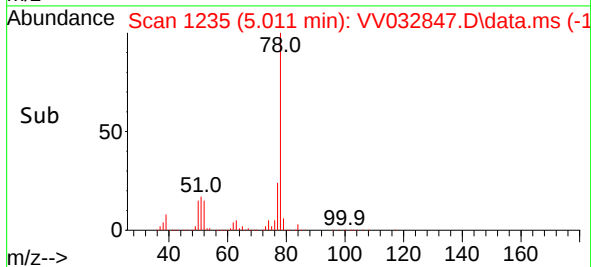
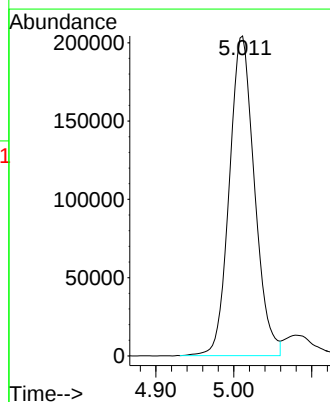
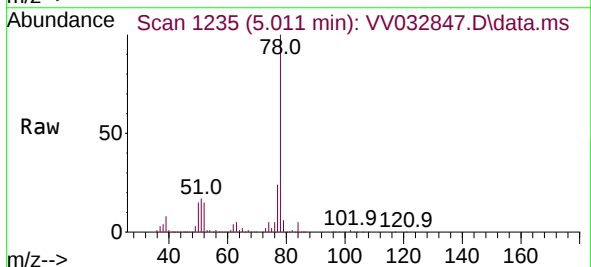
Instrument :
MSVOA_V
ClientSampleId :

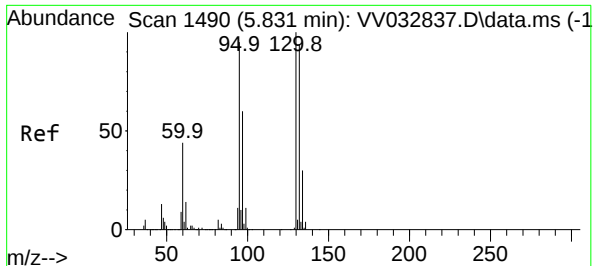
Tgt Ion:117 Resp: 157369
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0



#33
Benzene
Concen: 50.015 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

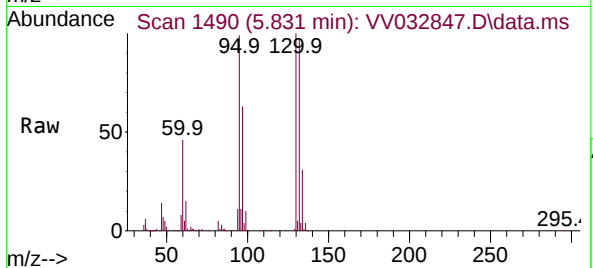
Tgt Ion: 78 Resp: 458145



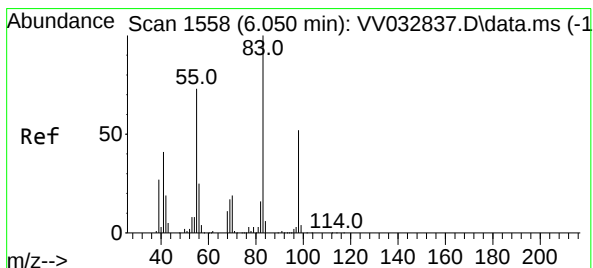
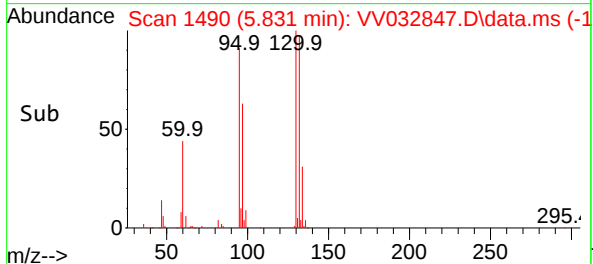
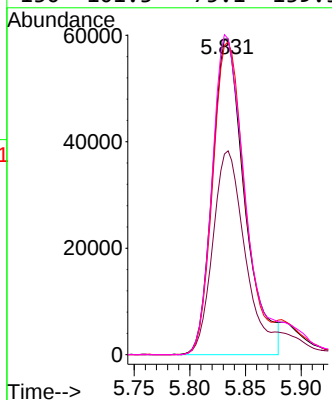


#34
Trichloroethene
Concen: 46.989 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :

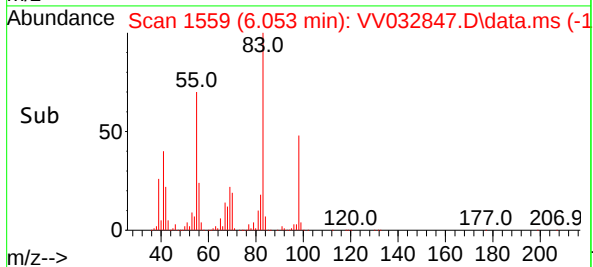
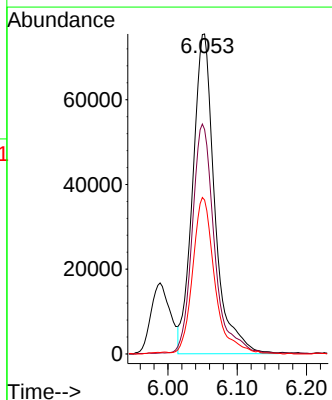
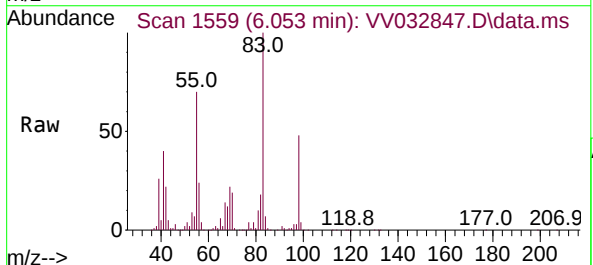


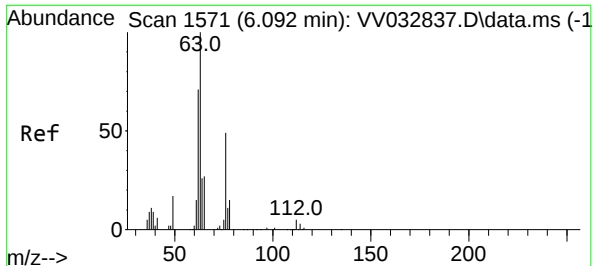
Tgt Ion:	95	Resp:	119818
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	85.9
132	98.0	69.0	128.2
130	101.3	75.1	139.5



#35
Methylcyclohexane
Concen: 41.934 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion:	83	Resp:	167316
Ion	Ratio	Lower	Upper
83	100		
55	71.4	57.8	86.8
98	48.8	39.4	59.2





#37

1,2-Dichloropropane

Concen: 55.173 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

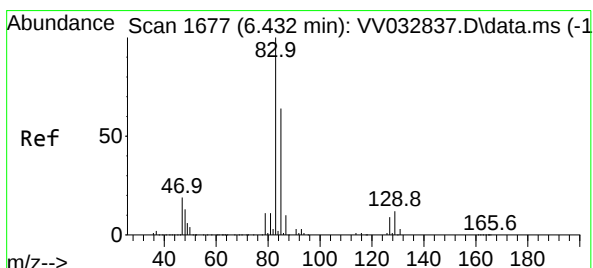
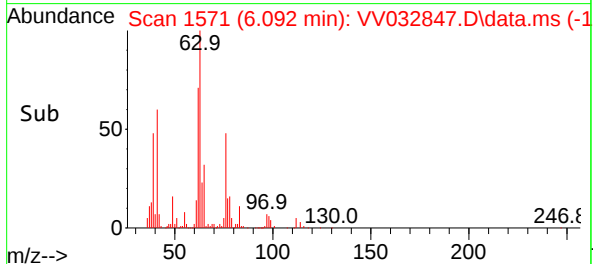
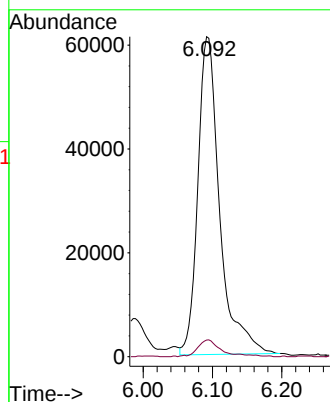
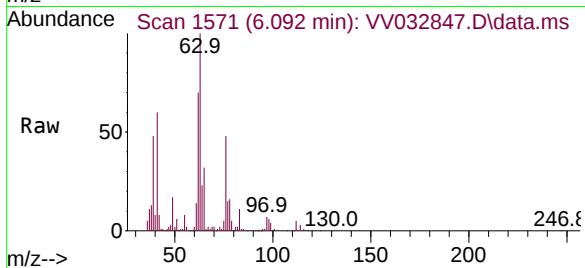
ClientSampleId :

Tgt Ion: 63 Resp: 134155

Ion Ratio Lower Upper

63 100

112 4.5 4.1 6.1



#38

Bromodichloromethane

Concen: 51.149 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

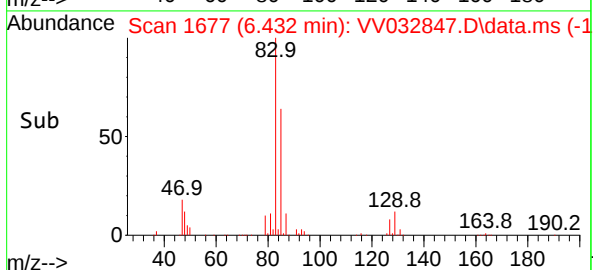
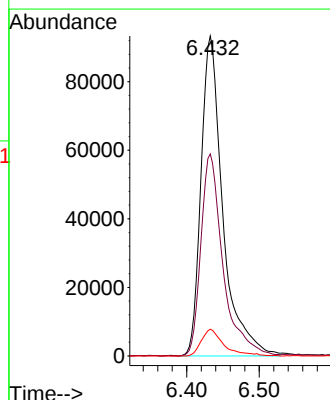
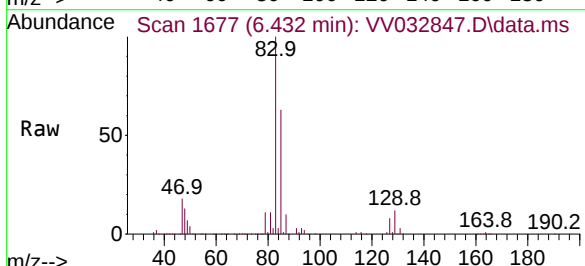
Tgt Ion: 83 Resp: 195112

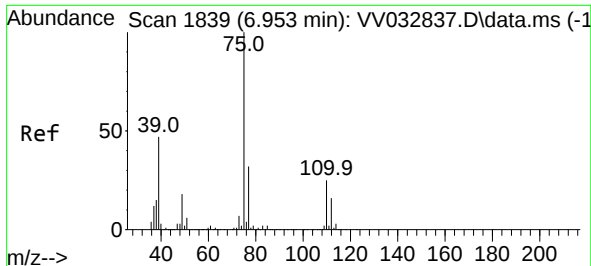
Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 57.668 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

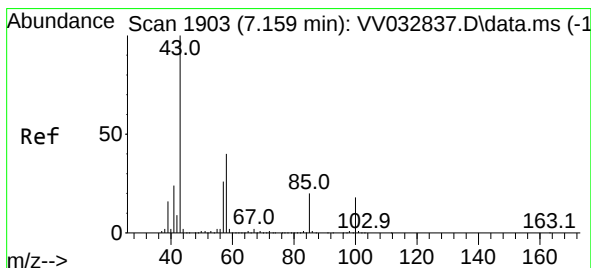
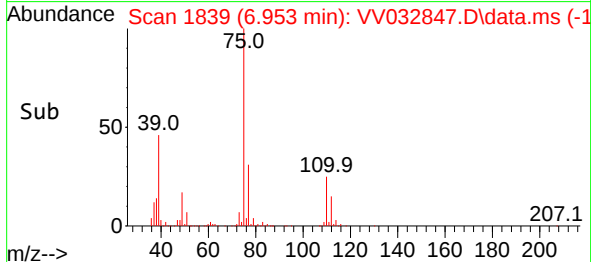
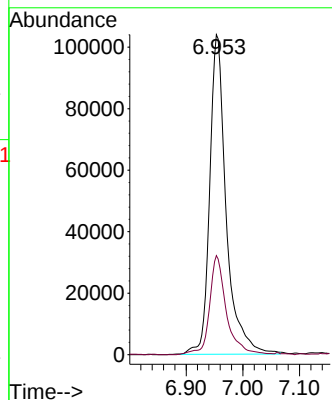
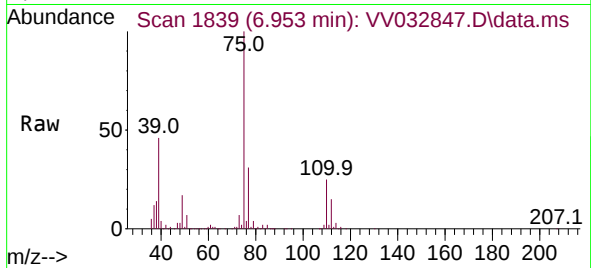
ClientSampleId :

Tgt Ion: 75 Resp: 210362

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 110.211 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

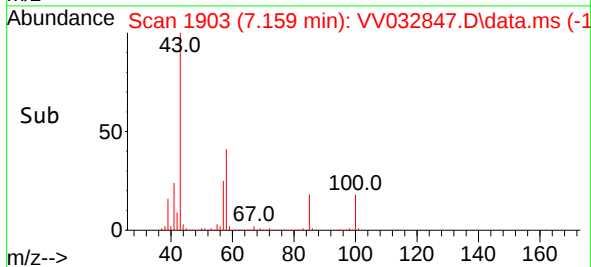
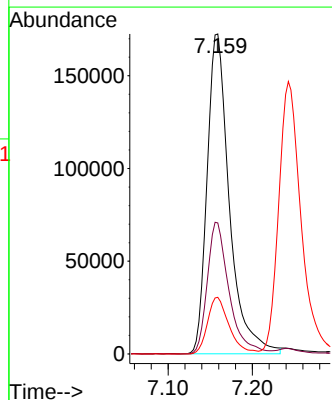
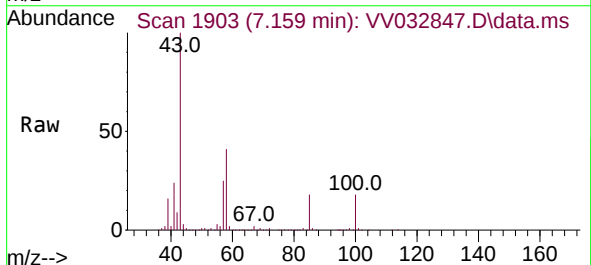
Tgt Ion: 43 Resp: 317587

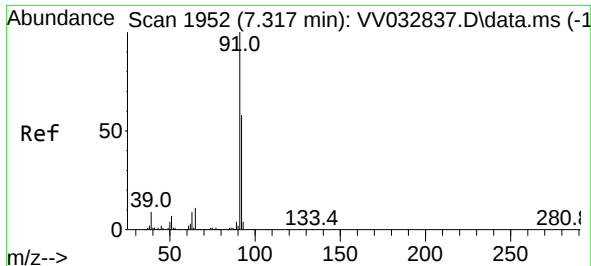
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0

100 17.2 13.3 19.9





#42

Toluene

Concen: 51.149 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

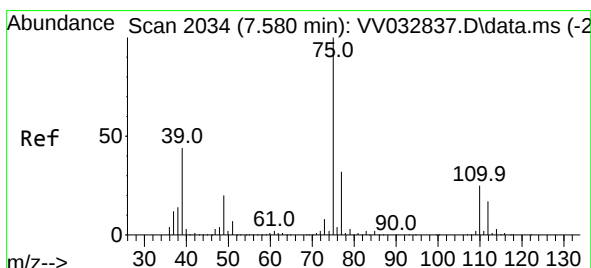
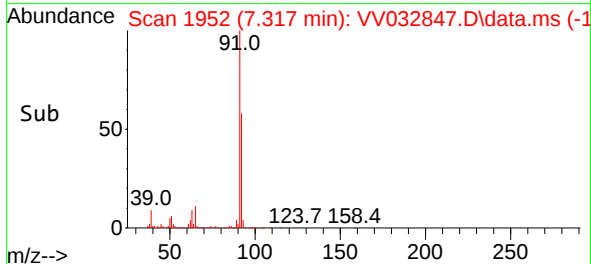
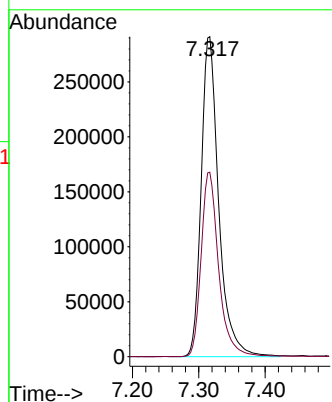
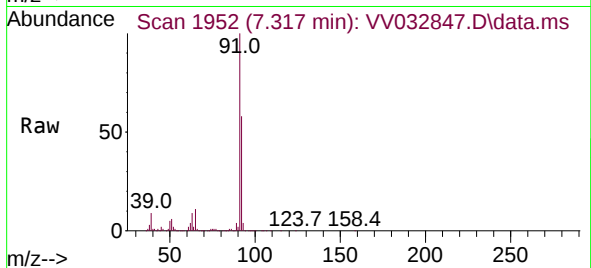
ClientSampleId :

Tgt Ion: 91 Resp: 533575

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 54.242 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV032847.D

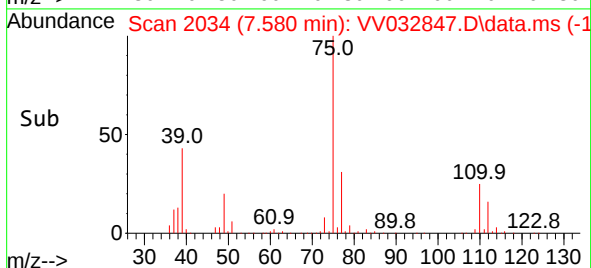
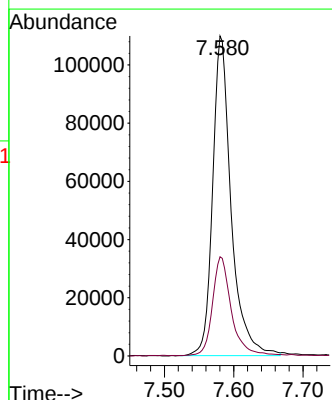
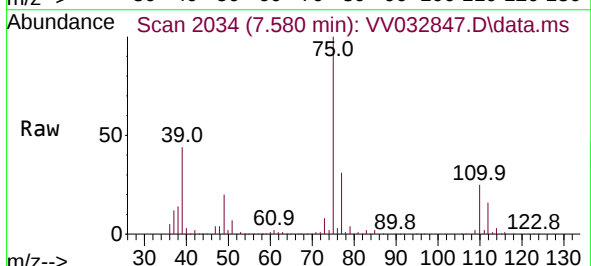
Acq: 03 Nov 2023 13:05

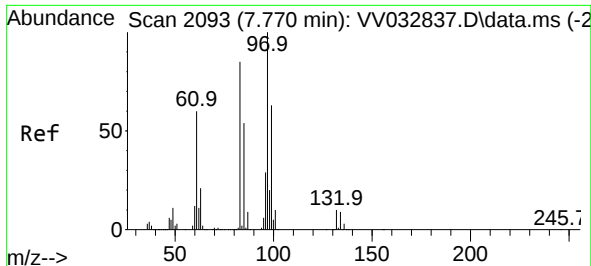
Tgt Ion: 75 Resp: 203235

Ion Ratio Lower Upper

75 100

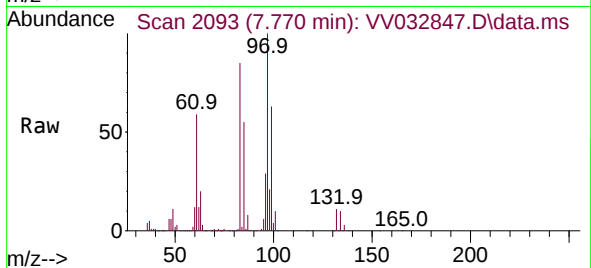
77 31.0 22.0 40.8



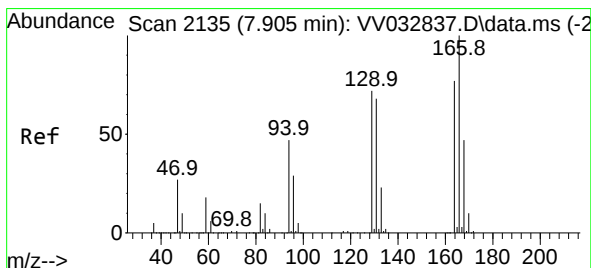
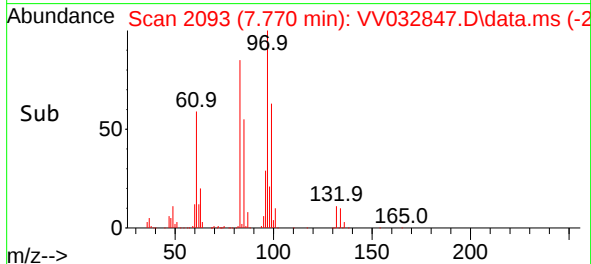
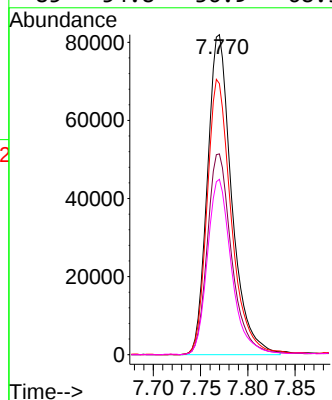


#45
1,1,2-Trichloroethane
Concen: 52.646 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :

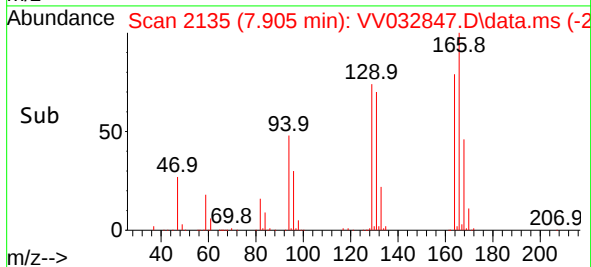
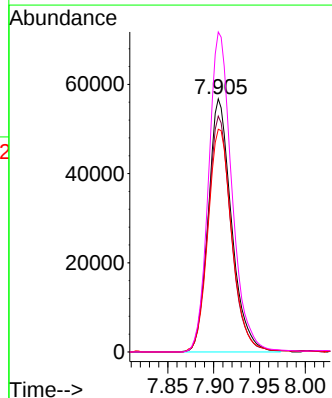
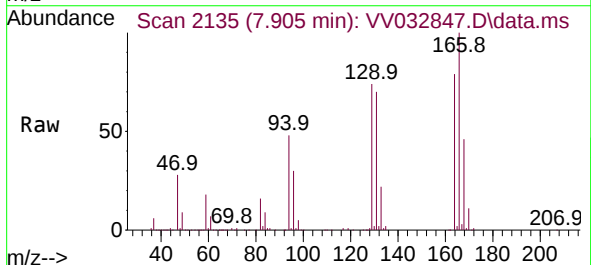


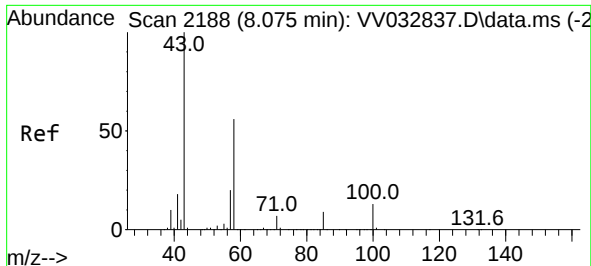
Tgt Ion:	97	Resp:	146828
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.8	79.6
83	84.7	58.4	108.4
85	54.8	36.9	68.5



#46
Tetrachloroethene
Concen: 43.685 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion:	164	Resp:	100509
Ion	Ratio	Lower	Upper
164	100		
129	93.2	65.3	121.3
131	88.0	65.0	120.8
166	126.4	87.8	163.2



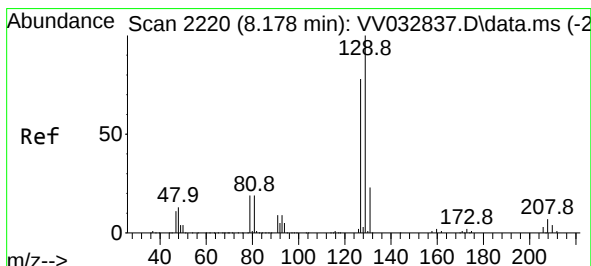
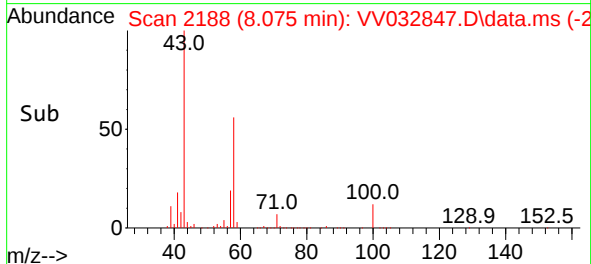
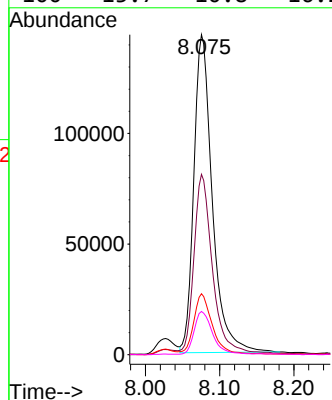
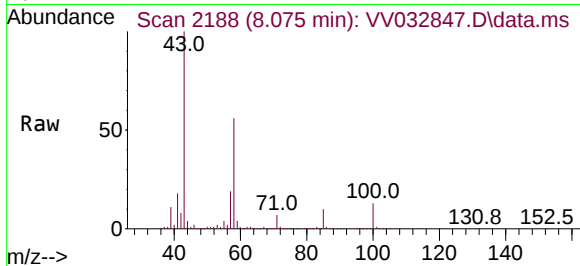


#48
2-Hexanone
Concen: 96.481 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 249448

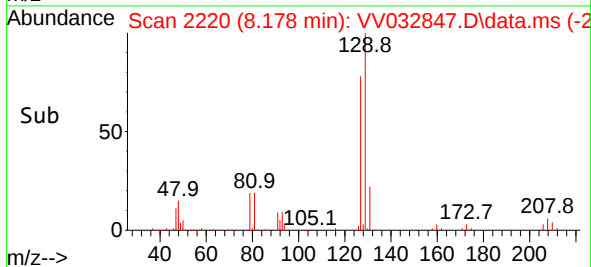
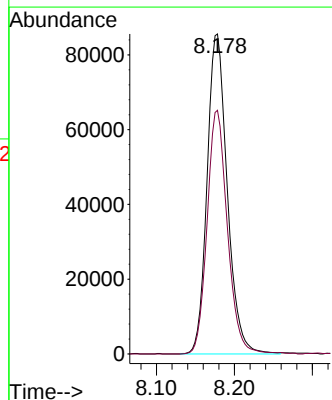
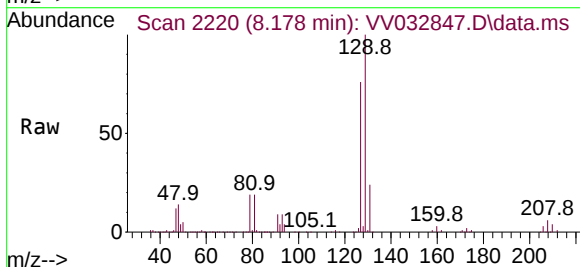
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.3	64.9
57	18.4	15.5	23.3
100	13.7	10.8	16.2

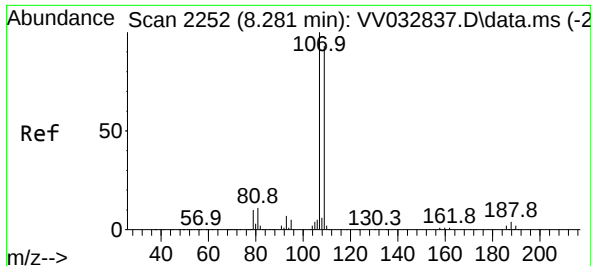


#49
Dibromochloromethane
Concen: 52.948 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 129 Resp: 154386

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.7	101.5





#50

1,2-Dibromoethane

Concen: 54.276 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV032847.D

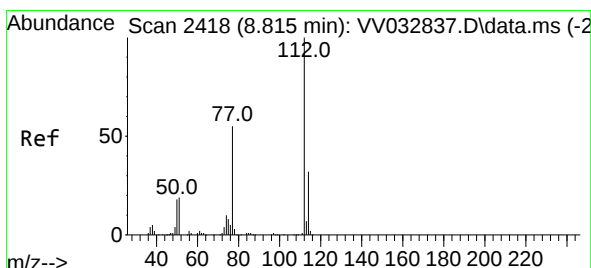
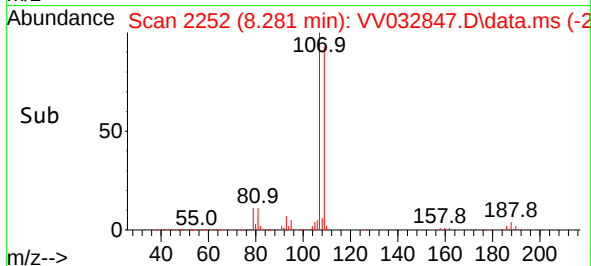
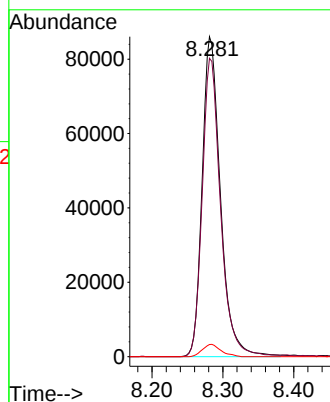
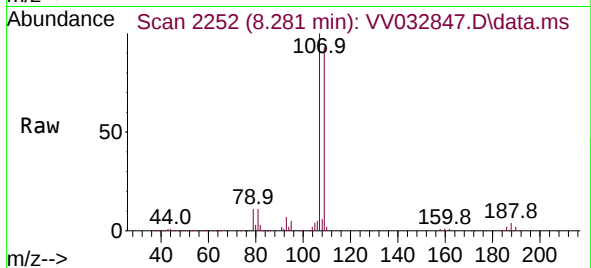
Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	154216
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.4	123.2
188	3.8	3.0	4.6



#51

Chlorobenzene

Concen: 48.931 ug/L

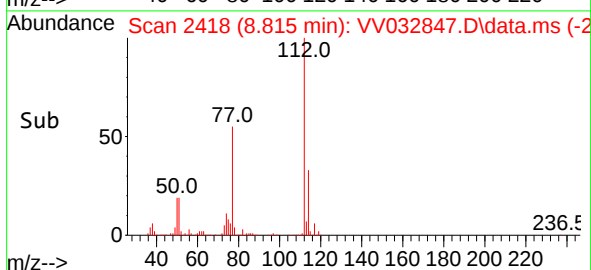
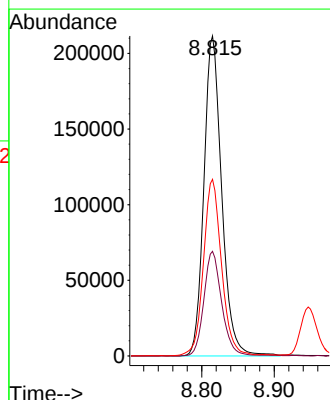
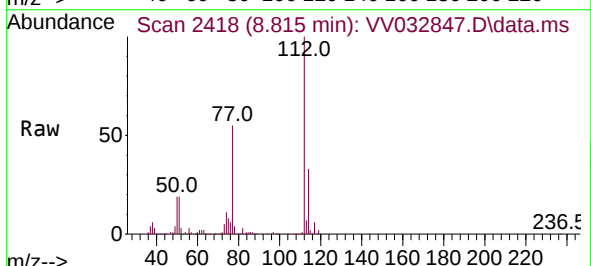
RT: 8.815 min Scan# 2418

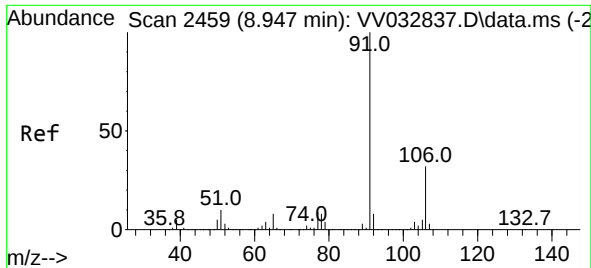
Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Tgt Ion:	112	Resp:	361361
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.6	40.2
77	55.2	44.4	66.6

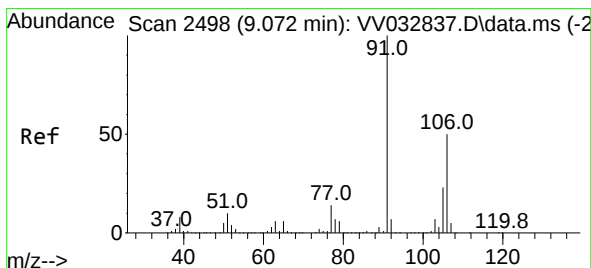
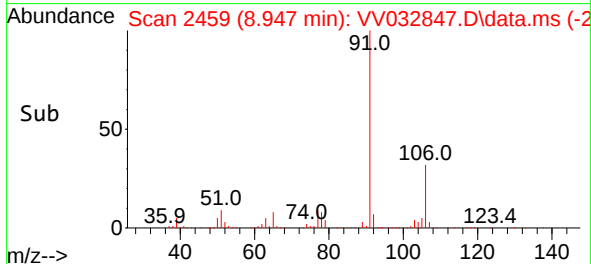
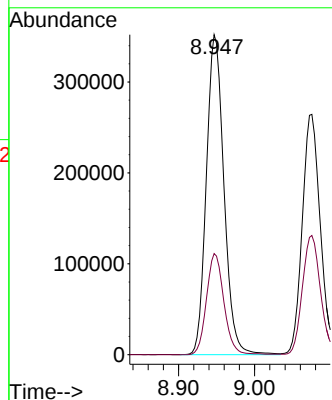
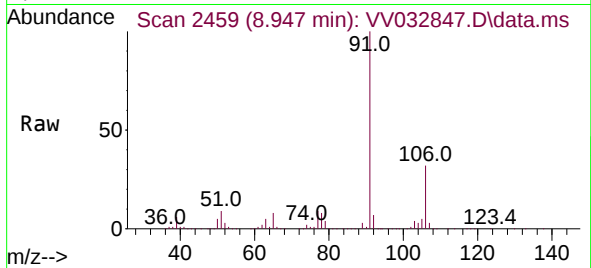




#52
Ethylbenzene
Concen: 49.238 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

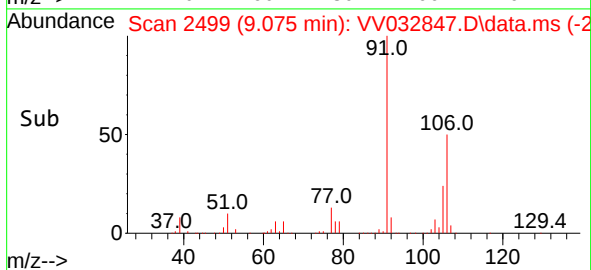
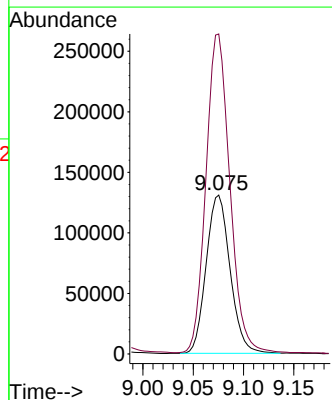
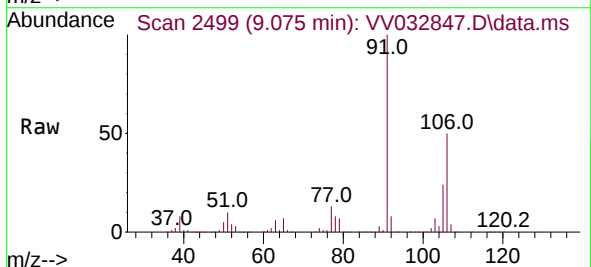
Instrument :
MSVOA_V
ClientSampleId :

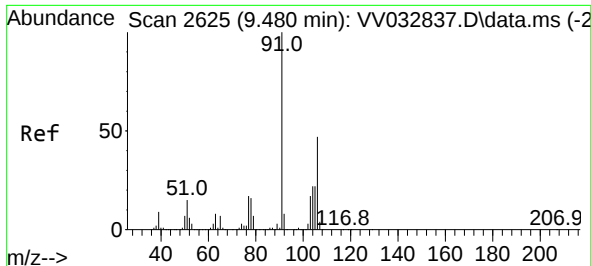
Tgt Ion: 91 Resp: 566586
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 49.426 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 106 Resp: 216461
Ion Ratio Lower Upper
106 100
91 201.5 139.7 259.5

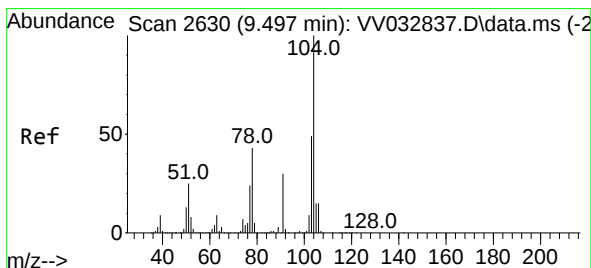
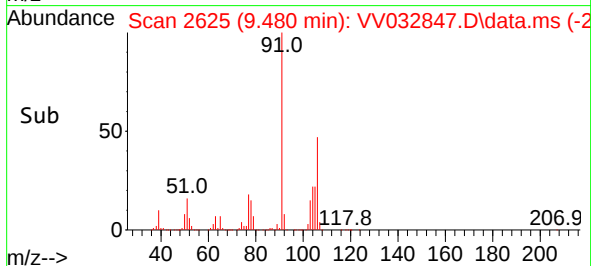
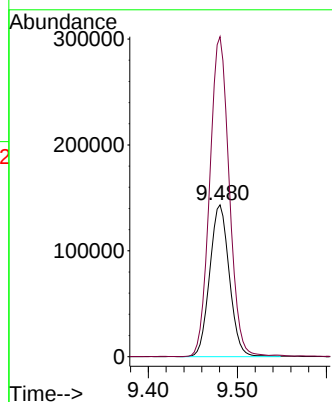
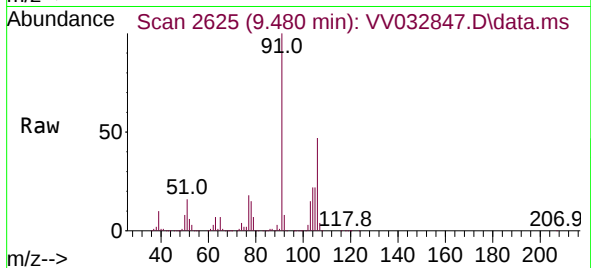




#54
o-Xylene
Concen: 51.626 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

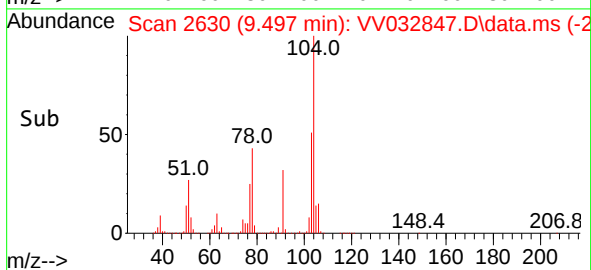
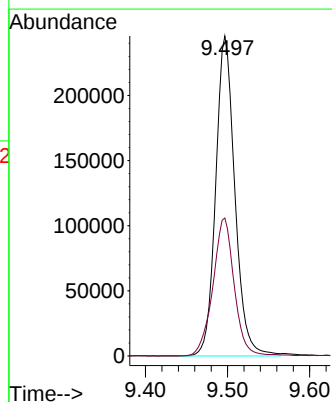
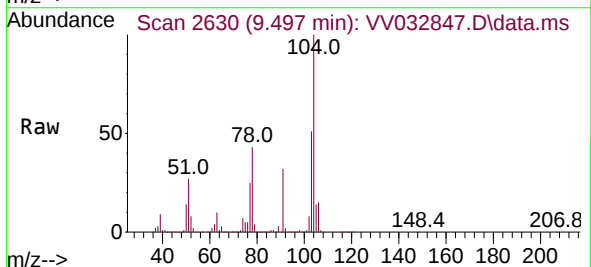
Instrument :
MSVOA_V
ClientSampleId :

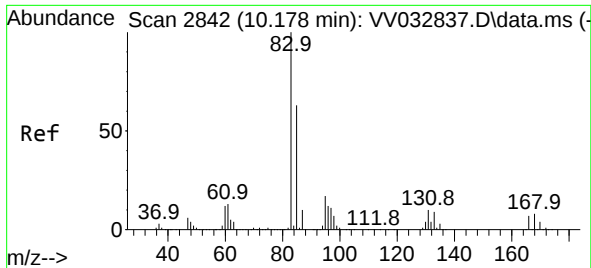
Tgt Ion:106 Resp: 219038
Ion Ratio Lower Upper
106 100
91 210.8 151.0 280.4



#55
Styrene
Concen: 53.950 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion:104 Resp: 398902
Ion Ratio Lower Upper
104 100
78 43.1 30.1 55.9

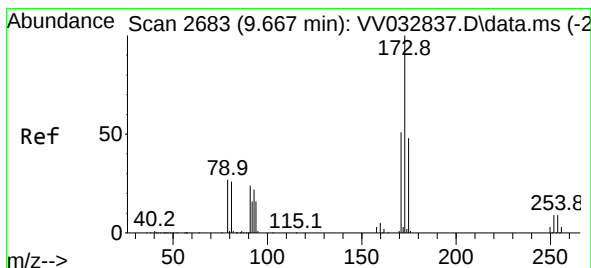
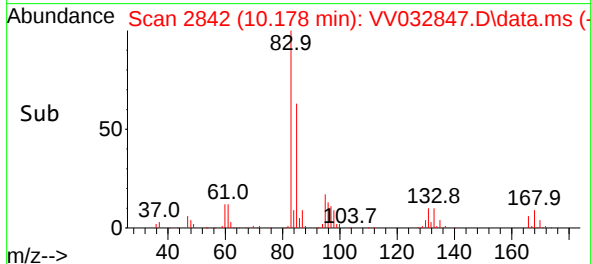
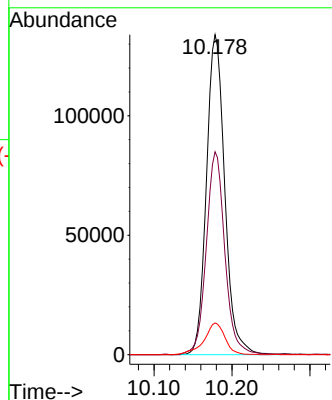
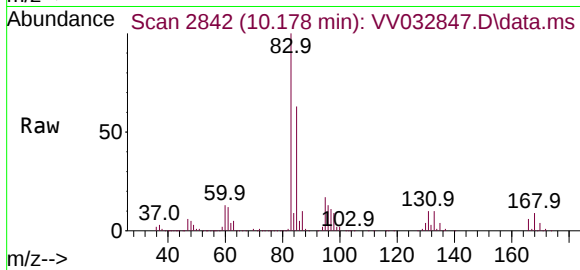




#57
1,1,2,2-Tetrachloroethane
Concen: 52.356 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

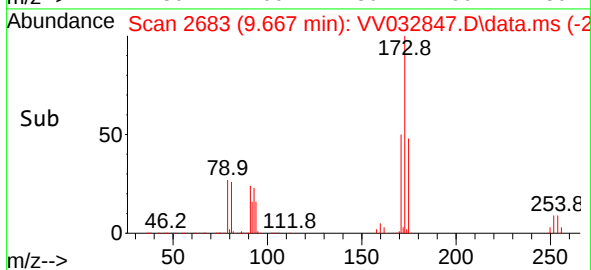
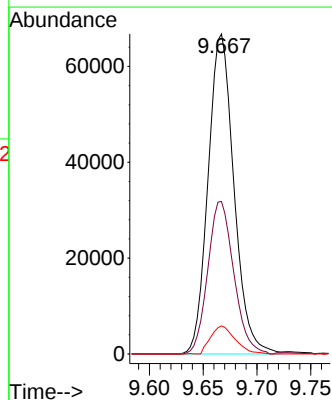
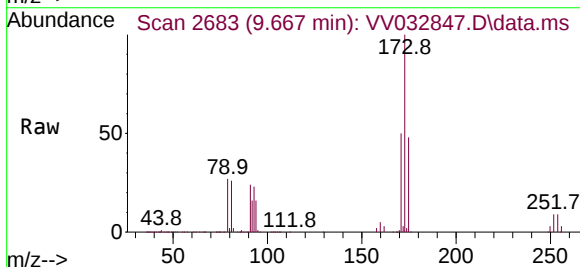
Instrument :
MSVOA_V
ClientSampleId :

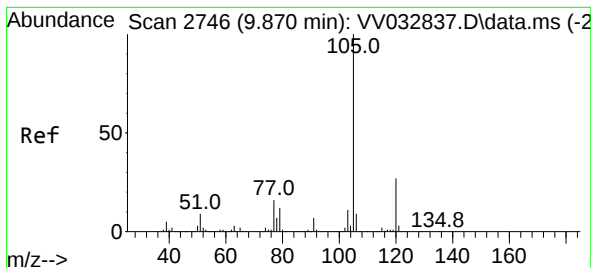
Tgt Ion: 83 Resp: 218693
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.3
131 9.9 7.8 11.6



#59
Bromoform
Concen: 51.478 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion: 173 Resp: 111650
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 8.3 7.0 10.6





#60

Isopropylbenzene

Concen: 47.381 ug/L

RT: 9.870 min Scan# 21

Delta R.T. -0.000 min

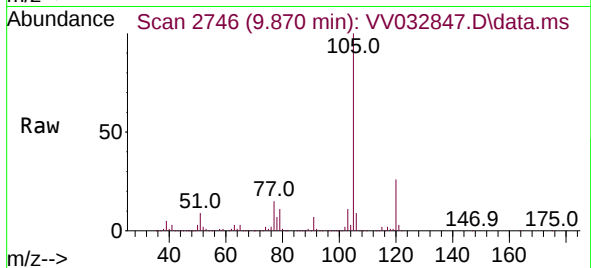
Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :



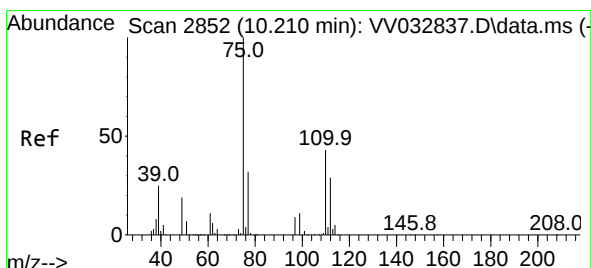
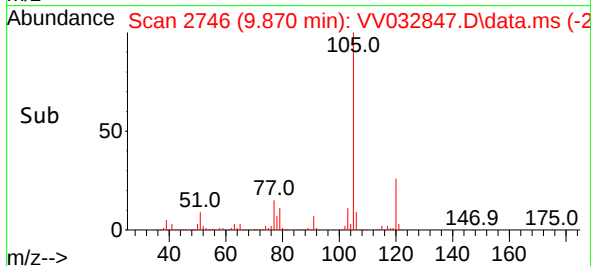
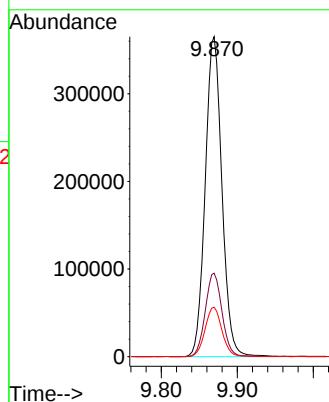
Tgt Ion:105 Resp: 555849

Ion Ratio Lower Upper

105 100

120 26.2 21.1 31.7

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 50.340 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

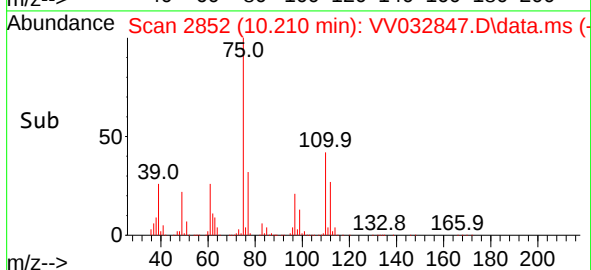
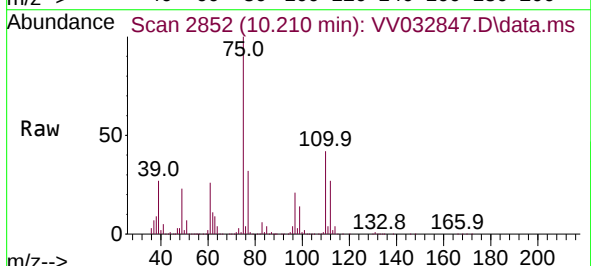
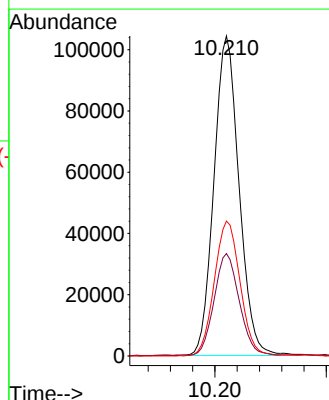
Tgt Ion: 75 Resp: 162656

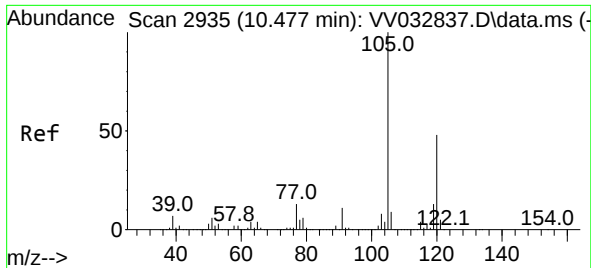
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 43.5 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 49.451 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

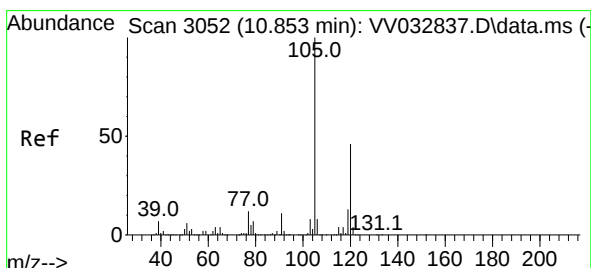
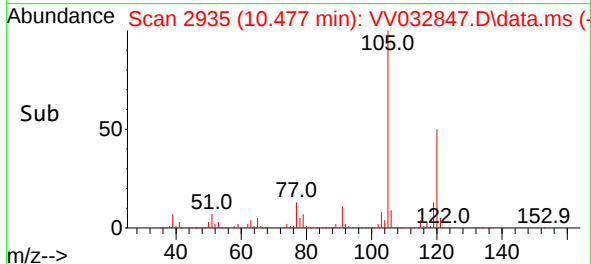
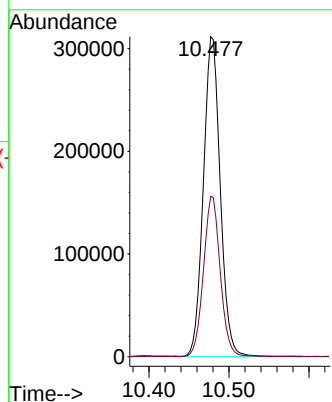
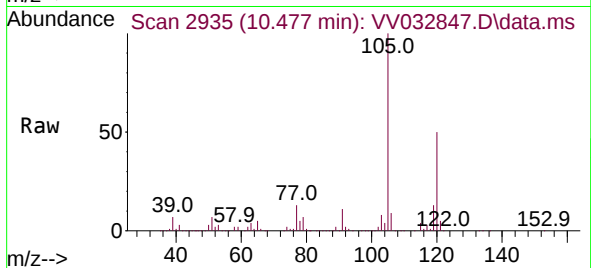
ClientSampleId :

Tgt Ion:105 Resp: 456510

Ion Ratio Lower Upper

105 100

120 50.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 50.723 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032847.D

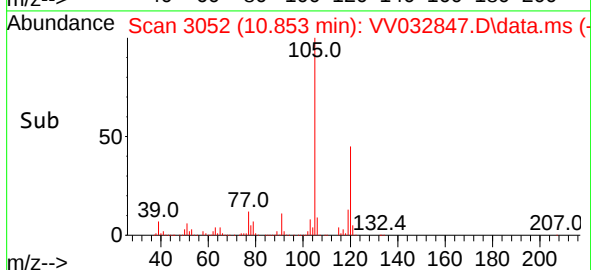
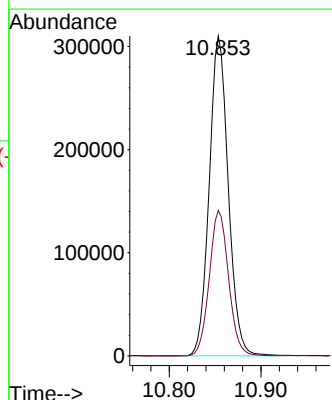
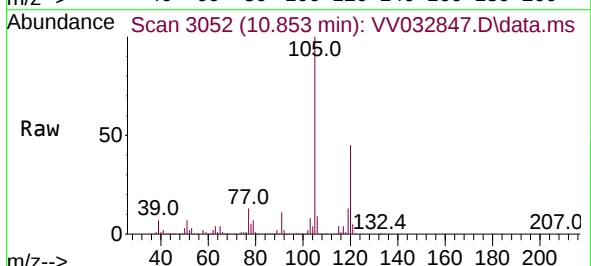
Acq: 03 Nov 2023 13:05

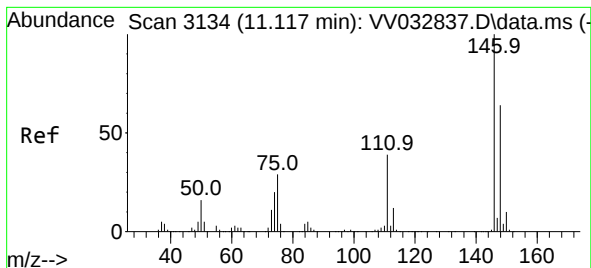
Tgt Ion:105 Resp: 447926

Ion Ratio Lower Upper

105 100

120 46.0 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 48.802 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

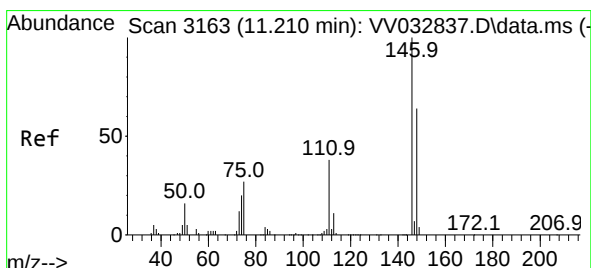
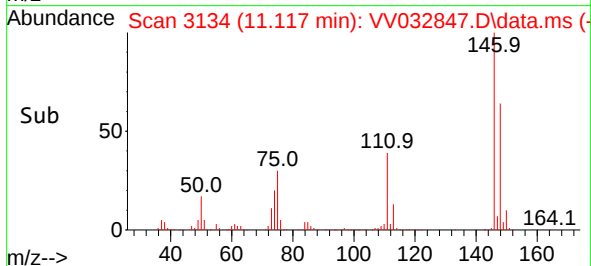
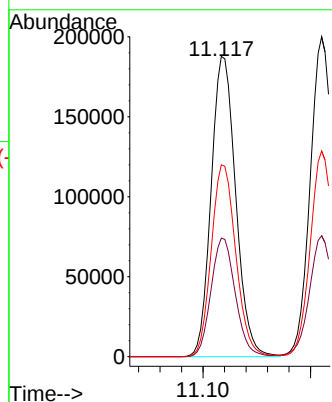
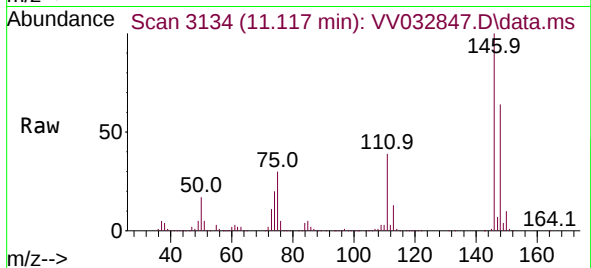
Tgt Ion:146 Resp: 298255

Ion Ratio Lower Upper

146 100

111 39.5 27.2 50.4

148 63.9 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 48.275 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

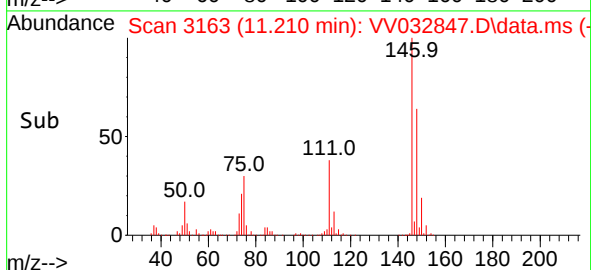
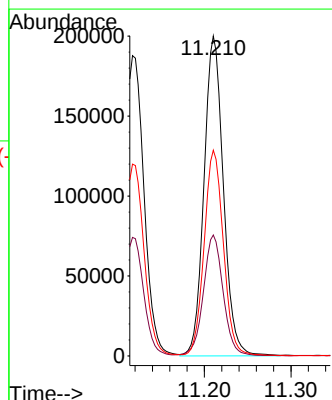
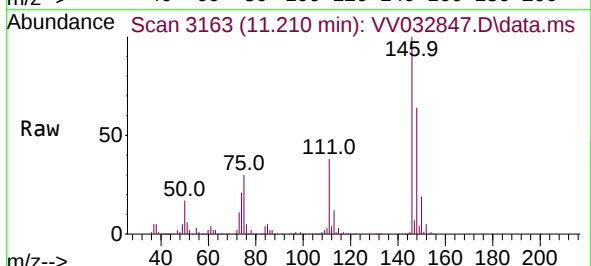
Tgt Ion:146 Resp: 311305

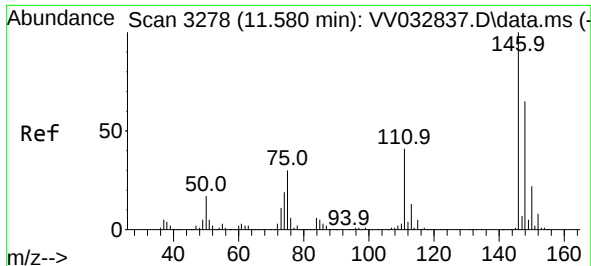
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 64.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 49.371 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

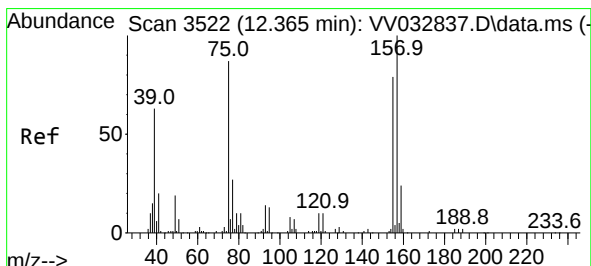
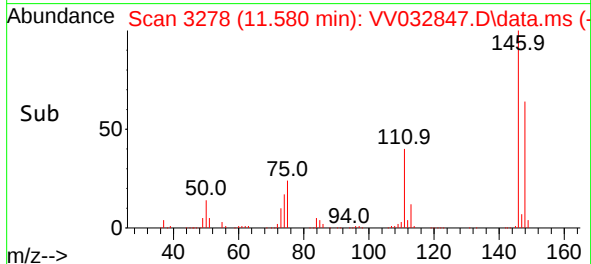
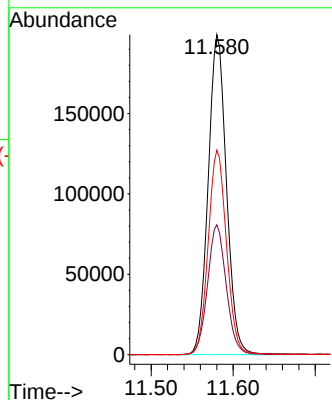
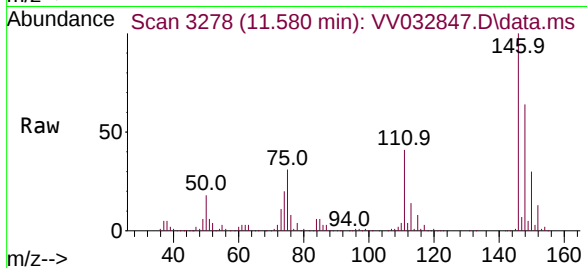
Tgt Ion:146 Resp: 308039

Ion Ratio Lower Upper

146 100

111 40.6 32.5 48.7

148 63.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.316 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV032847.D

Acq: 03 Nov 2023 13:05

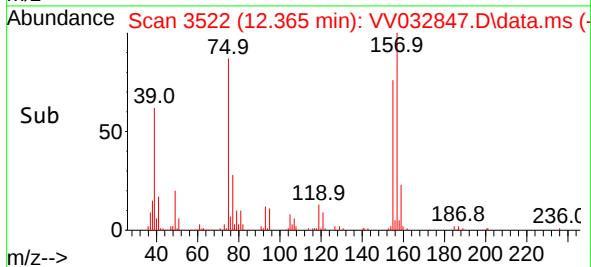
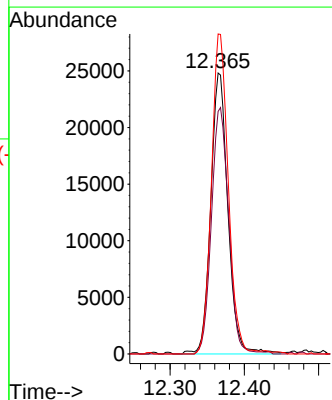
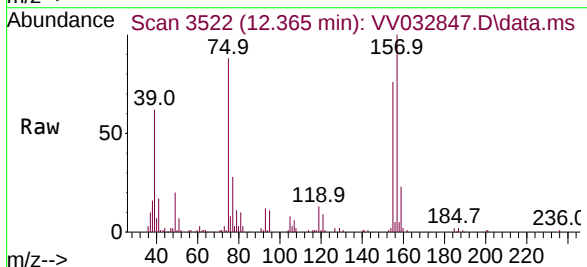
Tgt Ion: 75 Resp: 39789

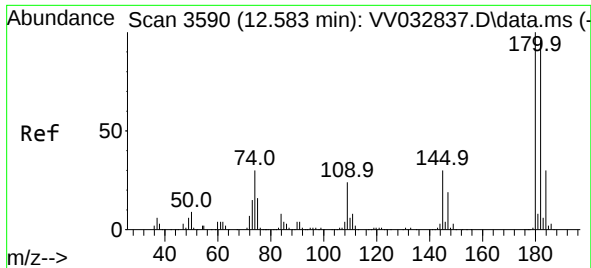
Ion Ratio Lower Upper

75 100

155 86.3 68.6 102.8

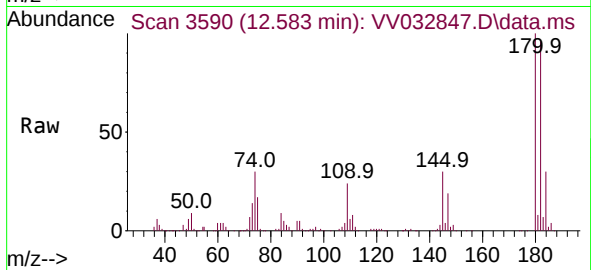
157 113.9 87.3 130.9



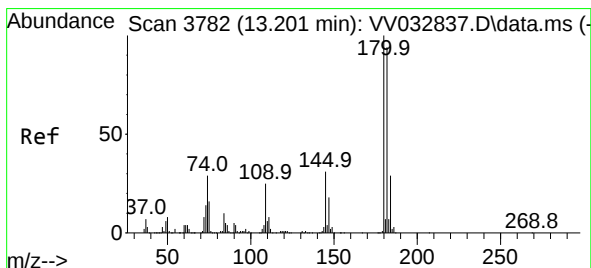
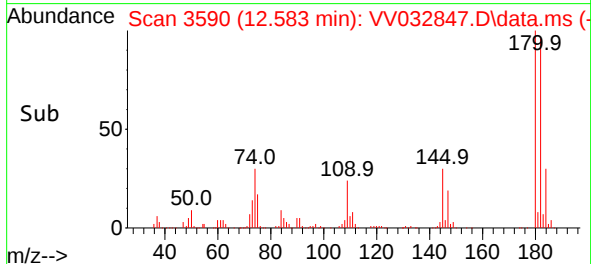
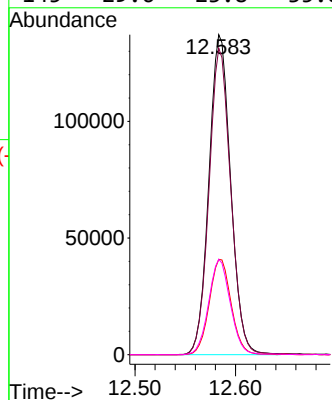


#69
 1,3,5-Trichlorobenzene
 Concen: 46.737 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

Instrument :
 MSVOA_V
 ClientSampleId :

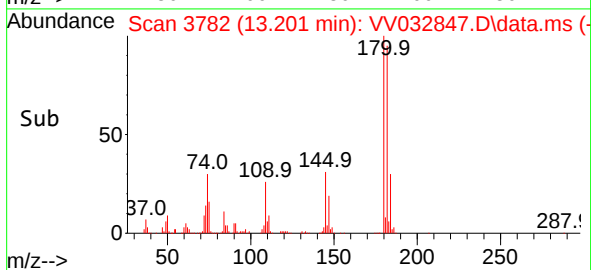
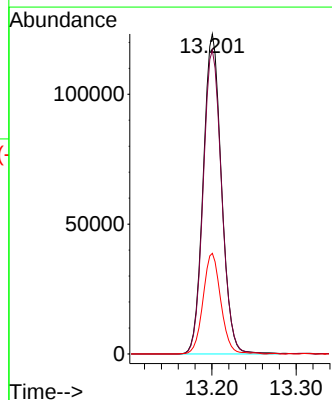
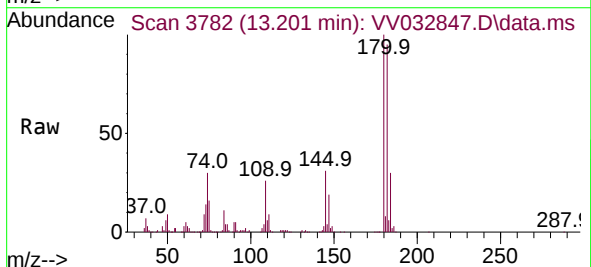


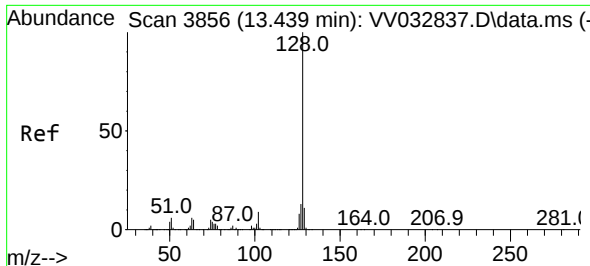
Tgt Ion:	180	Resp:	206205
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.9	113.9
184	29.9	23.5	35.3
145	29.6	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 48.737 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032847.D
 Acq: 03 Nov 2023 13:05

Tgt Ion:	180	Resp:	185963
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.9	115.3
145	30.5	24.7	37.1

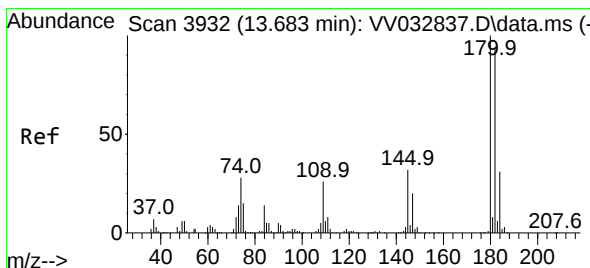
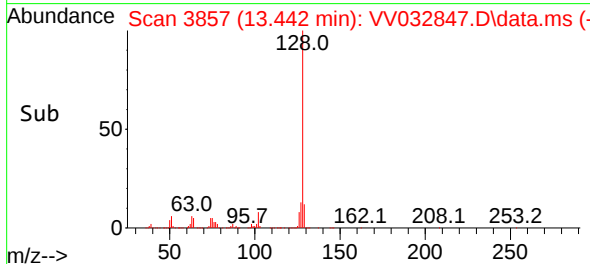
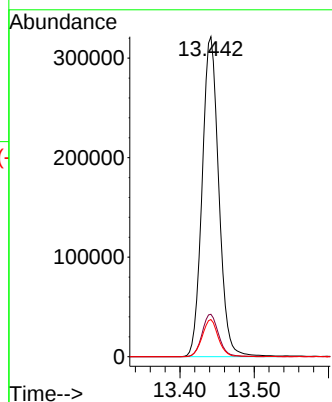
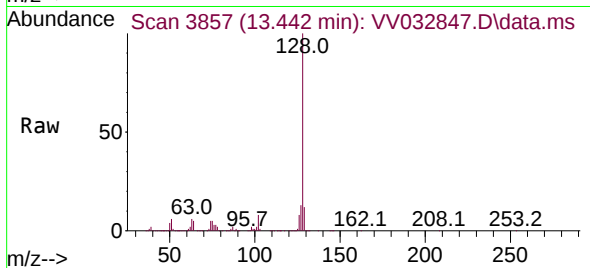




#71
Naphthalene
Concen: 52.534 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 500564
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 52.046 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032847.D
Acq: 03 Nov 2023 13:05

Tgt Ion:180 Resp: 198279
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
145 32.6 25.8 38.8

