

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101223\
 Data File : VW032407.D
 Acq On : 12 Oct 2023 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 22:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	121432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40351	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	32727	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.060	65	15563	4.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.805	46	100820	43.800	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.600%
24) Chloroform-d	4.252	84	72800	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	33631	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.963	84	133537	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	42261	3.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.246	98	130816	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	16361	3.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.027	63	87041	44.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36285	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	48038	4.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	65891	5.285	ug/L	99
3) Chloromethane	1.217	50	63989	5.091	ug/L	100
5) Vinyl chloride	1.281	62	63724	5.316	ug/L	99
6) Bromomethane	1.487	94	35890	4.956	ug/L	98
8) Chloroethane	1.548	64	39610	5.489	ug/L	100
9) Trichlorofluoromethane	1.712	101	78219	5.441	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48749	5.596	ug/L	98
12) 1,1-Dichloroethene	2.069	96	42925	5.231	ug/L	89
13) Acetone	2.133	43	99567	56.122	ug/L	96
14) Carbon disulfide	2.240	76	132445	4.617	ug/L	99
15) Methyl Acetate	2.384	43	17515	4.385	ug/L	91
16) Methylene chloride	2.449	84	50268	4.699	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	105901	4.741	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	46045	4.899	ug/L	99
19) 1,1-Dichloroethane	3.114	63	87902	4.972	ug/L	97
21) 2-Butanone	3.883	43	137867	49.693	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	49368	4.878	ug/L	95
23) Bromochloromethane	4.153	128	21638	5.082	ug/L	98
25) Chloroform	4.278	83	89877	5.181	ug/L	99

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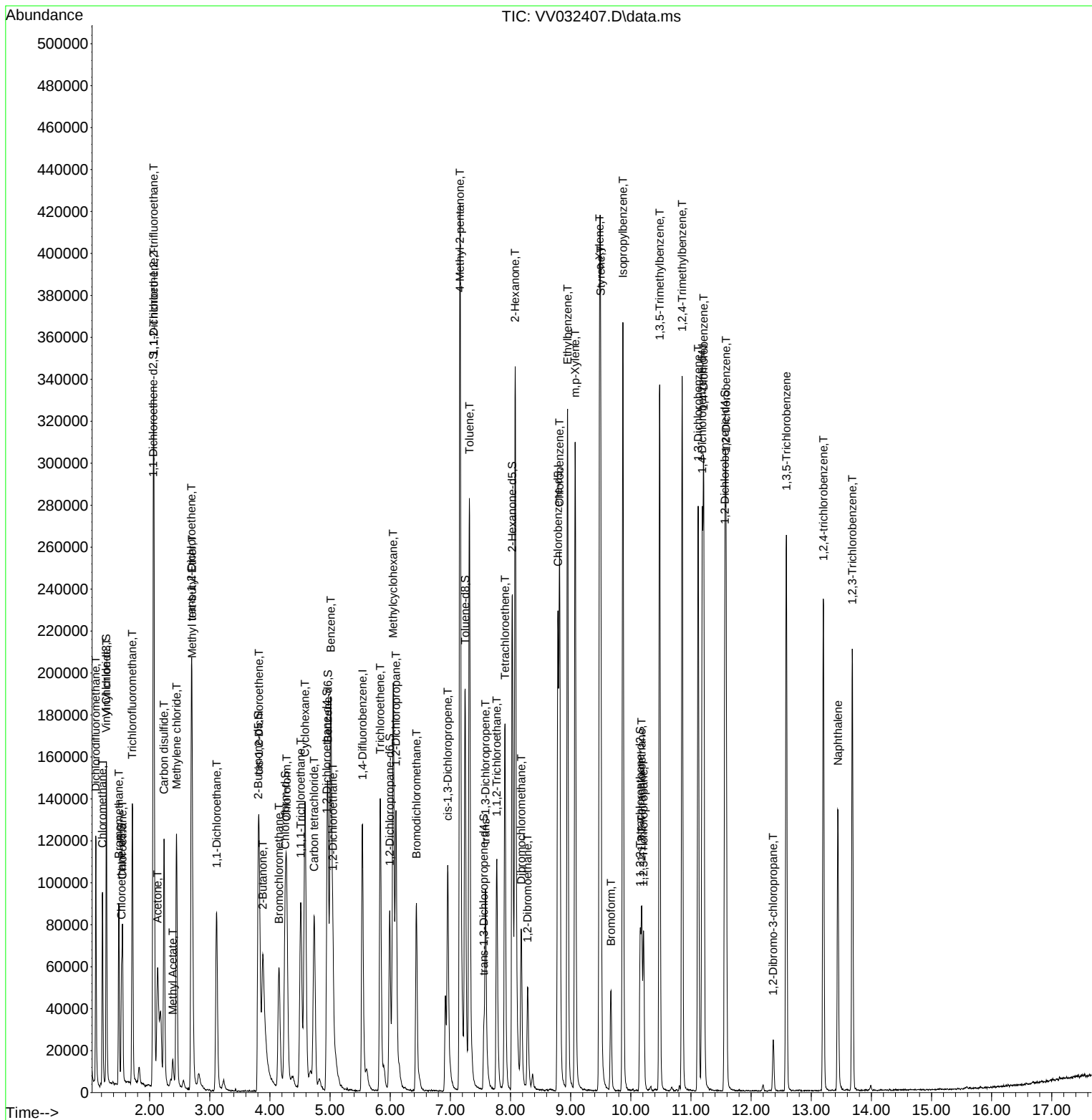
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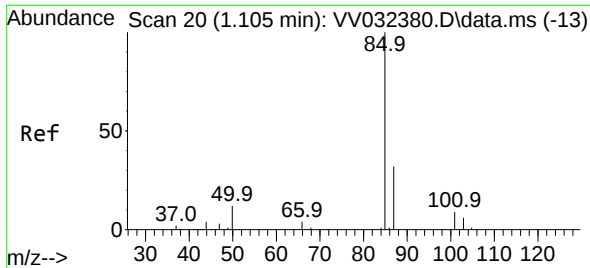
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51006	4.977	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	74804	4.531	ug/L	98
30) Cyclohexane	4.584	56	73661	4.060	ug/L	100
31) Carbon tetrachloride	4.735	117	63811	4.568	ug/L	99
33) Benzene	5.011	78	187943	4.396	ug/L	100
34) Trichloroethene	5.834	95	51196	4.387	ug/L	97
35) Methylcyclohexane	6.050	83	82450	4.565	ug/L	94
37) 1,2-Dichloropropane	6.095	63	48224	4.218	ug/L	97
38) Bromodichloromethane	6.436	83	65864	4.848	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	71005	4.364	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	320165	44.249	ug/L	98
42) Toluene	7.317	91	217242	4.767	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	58815	4.398	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	37727	4.678	ug/L	98
47) Tetrachloroethene	7.908	164	40155	4.537	ug/L	97
48) 2-Hexanone	8.079	43	236248	46.277	ug/L	99
49) Dibromochloromethane	8.178	129	40226	4.790	ug/L	94
50) 1,2-Dibromoethane	8.284	107	35055	4.595	ug/L	93
51) Chlorobenzene	8.815	112	134278	4.576	ug/L	98
52) Ethylbenzene	8.950	91	230270	4.537	ug/L	100
53) m,p-Xylene	9.075	106	86182	4.579	ug/L	98
54) o-Xylene	9.480	106	81939	4.518	ug/L	99
55) Styrene	9.500	104	143887	4.698	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	42565	4.796	ug/L	98
59) Bromoform	9.670	173	21417	4.564	ug/L	97
60) Isopropylbenzene	9.870	105	229305	4.573	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29623	4.313	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	179501	4.392	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	181737	4.466	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	111384	4.649	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	112285	4.672	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	101175	4.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6053	4.314	ug/L	92
69) 1,3,5-Trichlorobenzene	12.586	180	80173	4.570	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68193	4.382	ug/L	98
71) Naphthalene	13.445	128	105215	3.980	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	60604	4.520	ug/L	98

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

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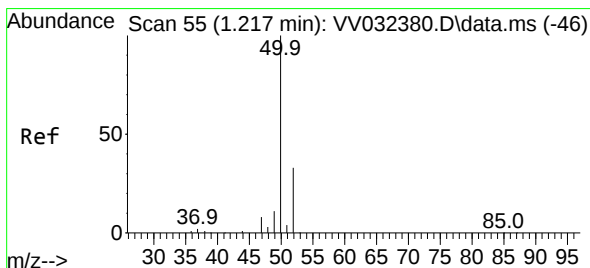
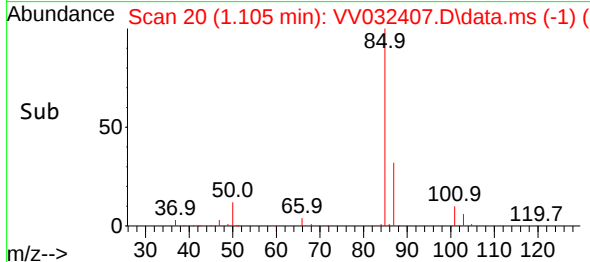
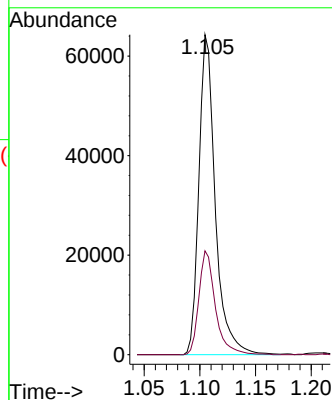
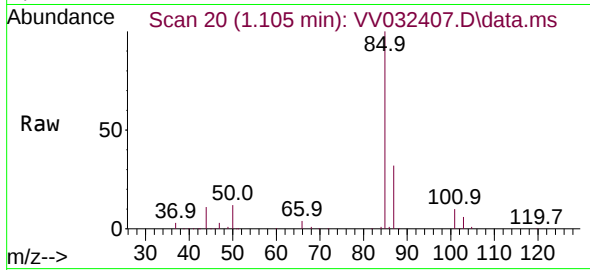




#2
 Dichlorodifluoromethane
 Concen: 5.285 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

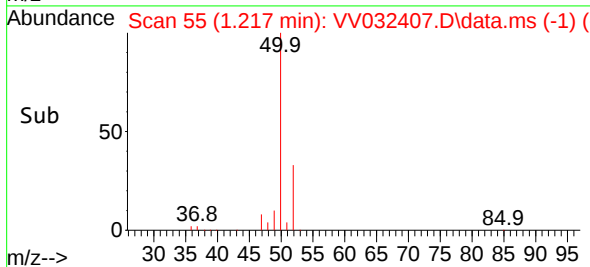
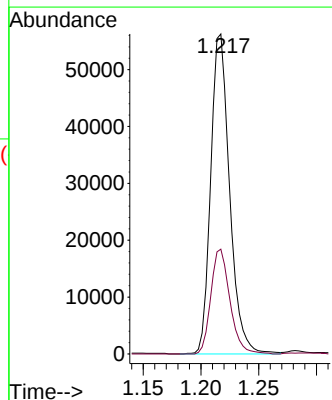
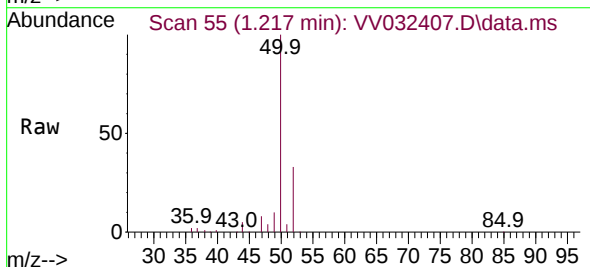
Instrument :
 MSVOA_V
 ClientSampleId :

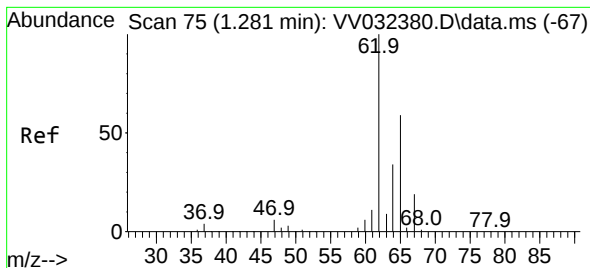
Tgt Ion: 85 Resp: 65891
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.5 38.3



#3
 Chloromethane
 Concen: 5.091 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

Tgt Ion: 50 Resp: 63989
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6





#5

Vinyl chloride

Concen: 5.316 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

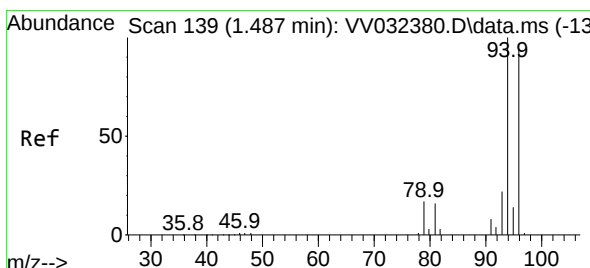
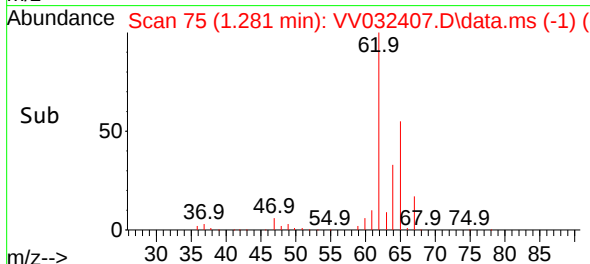
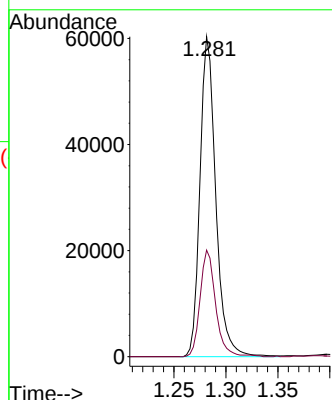
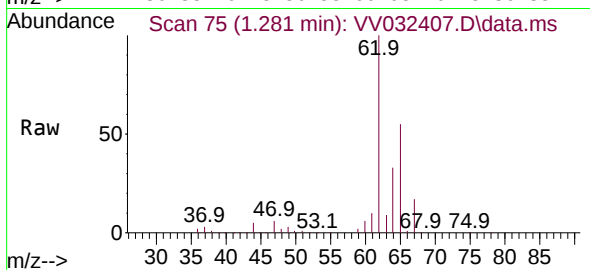
ClientSampleId :

Tgt Ion: 62 Resp: 63724

Ion Ratio Lower Upper

62 100

64 33.3 23.1 42.9



#6

Bromomethane

Concen: 4.956 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV032407.D

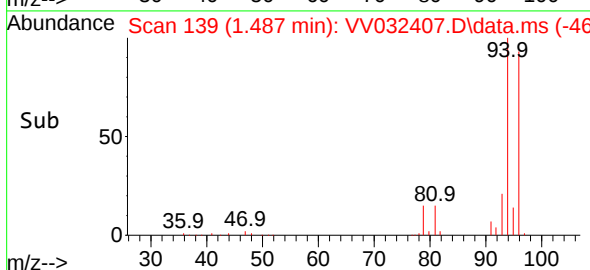
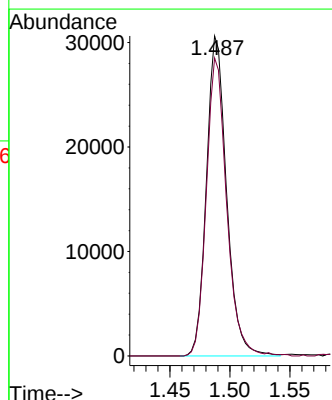
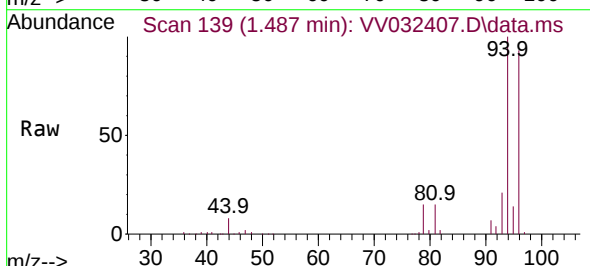
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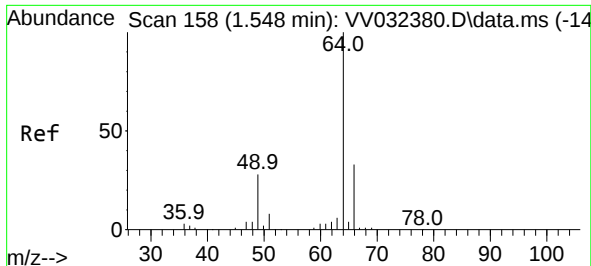
Tgt Ion: 94 Resp: 35890

Ion Ratio Lower Upper

94 100

96 93.1 66.8 124.2

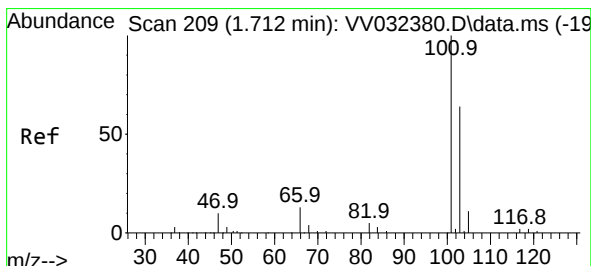
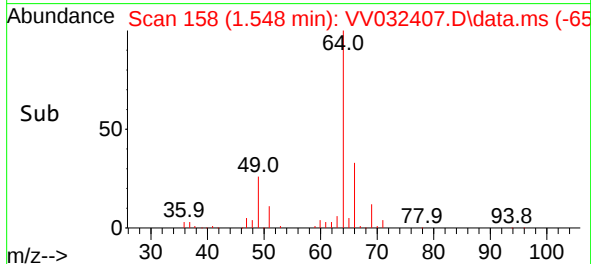
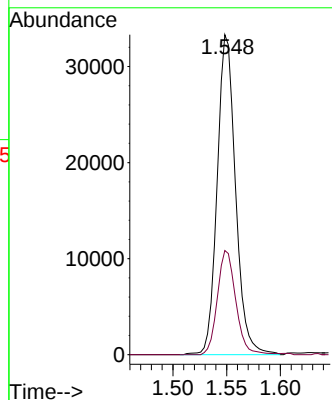
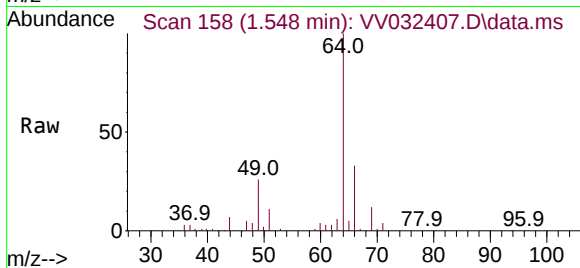




#8
Chloroethane
Concen: 5.489 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

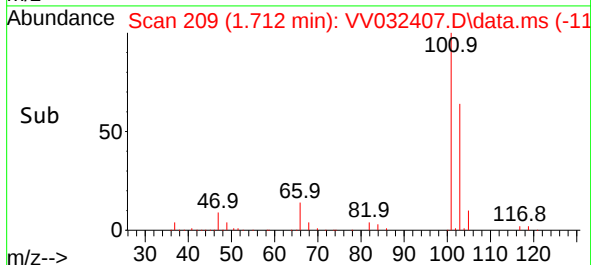
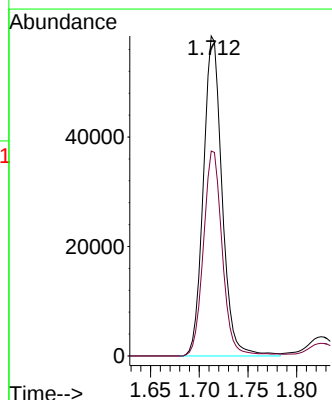
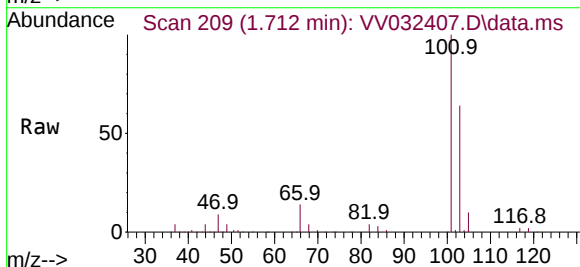
Instrument :
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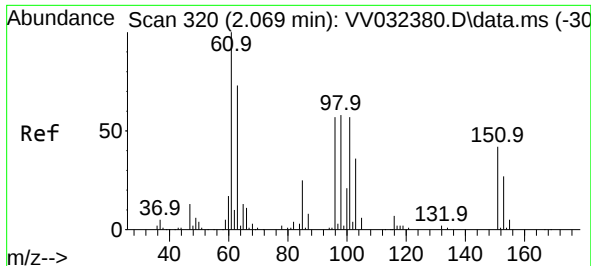
Tgt Ion: 64 Resp: 39610
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.441 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion:101 Resp: 78219
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

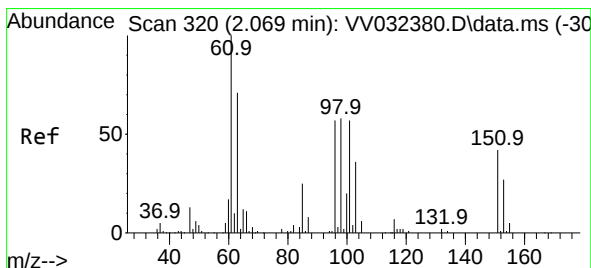
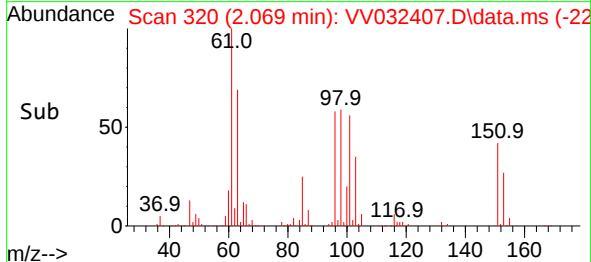
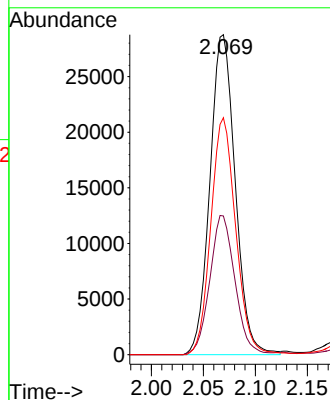
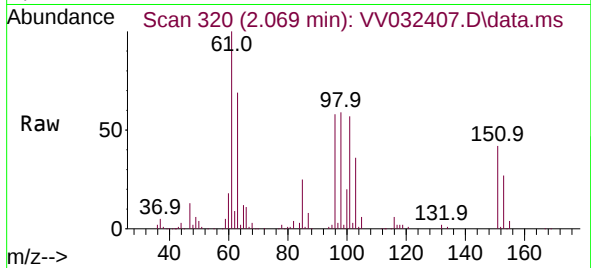




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.596 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

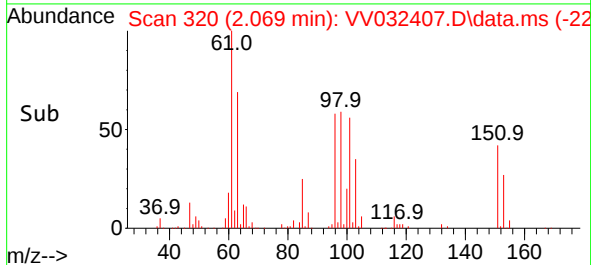
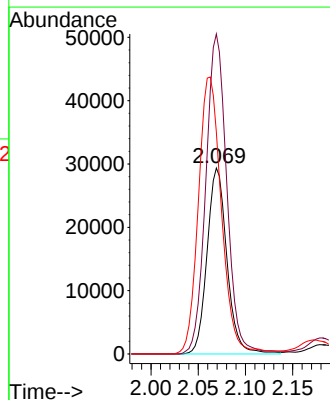
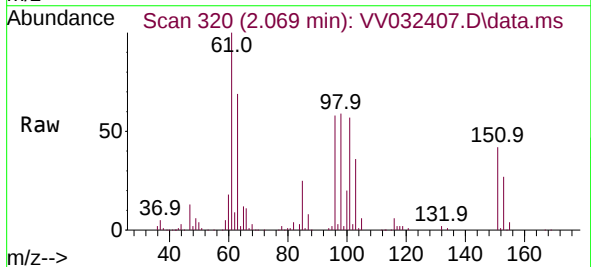
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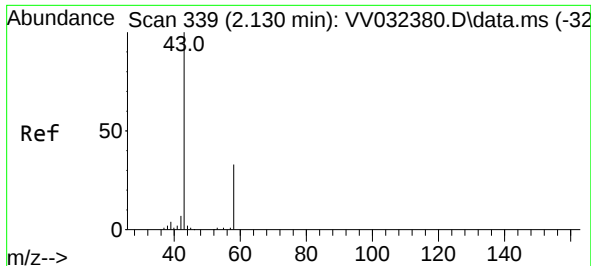
Tgt Ion:101 Resp: 48749
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.0 52.6
 151 73.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.231 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

Tgt Ion: 96 Resp: 42925
 Ion Ratio Lower Upper
 96 100
 61 172.2 127.3 236.3
 63 119.3 98.3 182.7





#13

Acetone

Concen: 56.122 ug/L

RT: 2.133 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

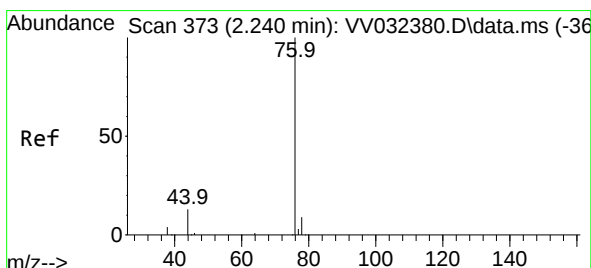
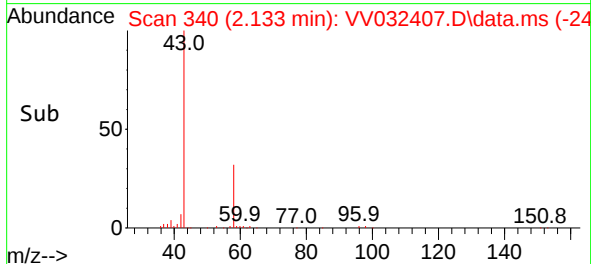
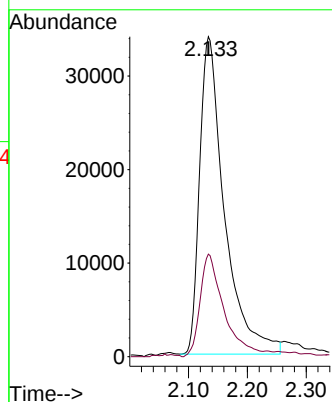
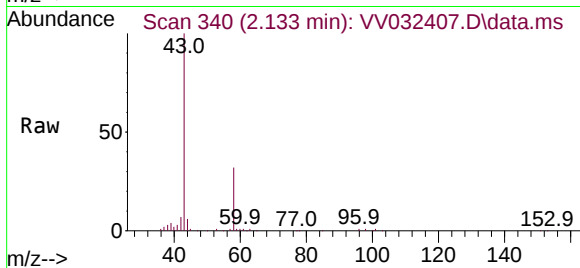
ClientSampleId :

Tgt Ion: 43 Resp: 99567

Ion Ratio Lower Upper

43 100

58 30.9 0.0 66.0



#14

Carbon disulfide

Concen: 4.617 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032407.D

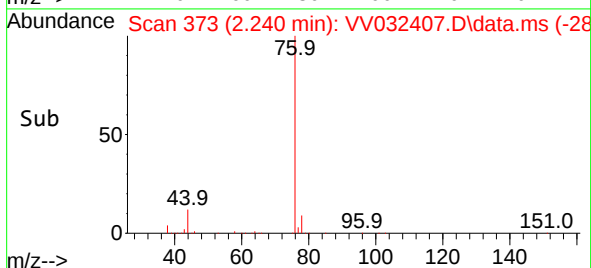
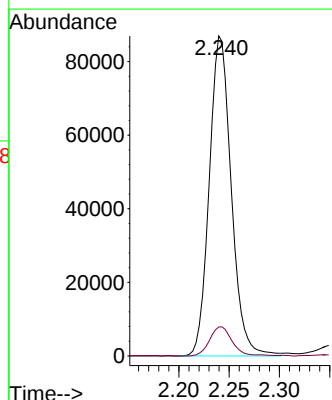
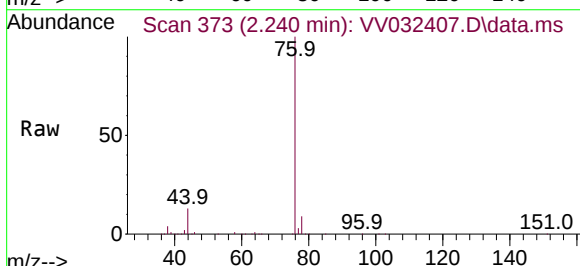
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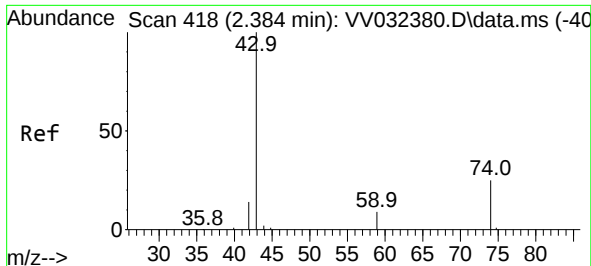
Tgt Ion: 76 Resp: 132445

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

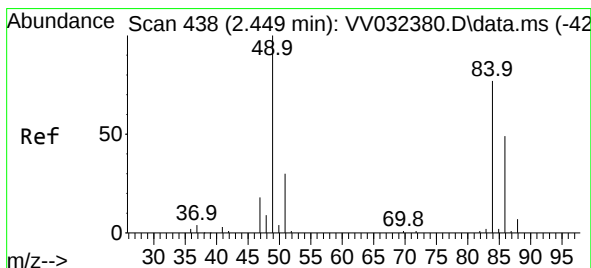
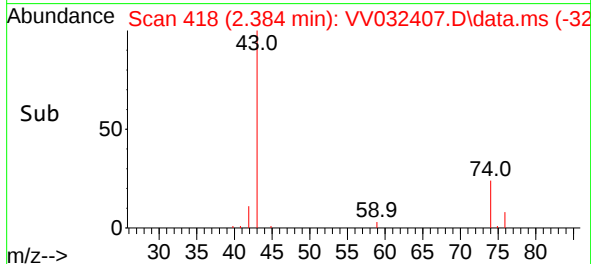
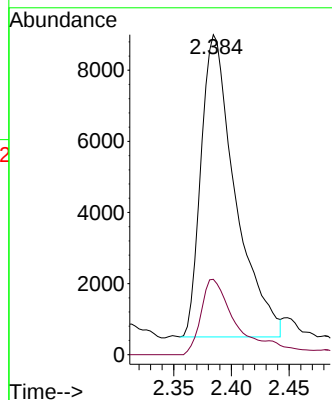
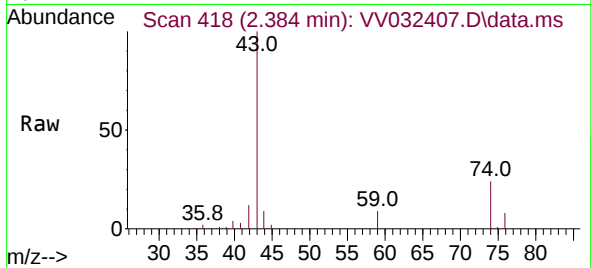




#15
Methyl Acetate
Concen: 4.385 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

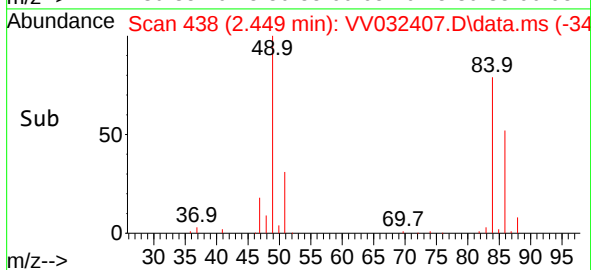
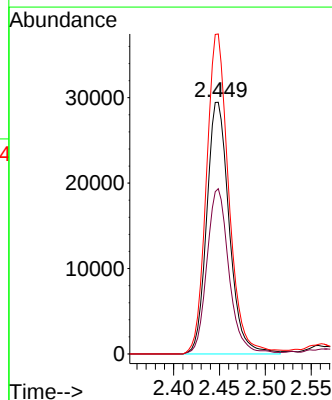
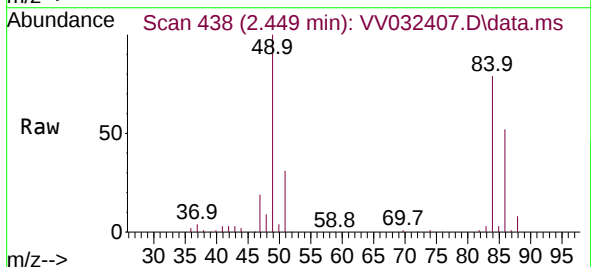
Instrument :
MSVOA_V
ClientSampleId :

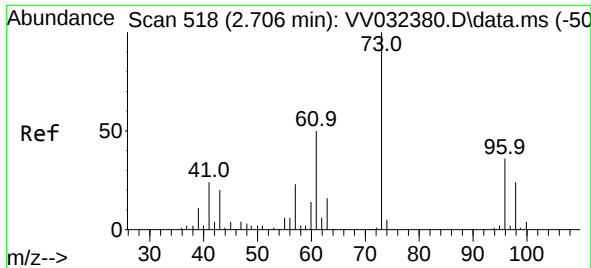
Tgt Ion: 43 Resp: 17515
Ion Ratio Lower Upper
43 100
74 26.9 18.0 27.0



#16
Methylene chloride
Concen: 4.699 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 84 Resp: 50268
Ion Ratio Lower Upper
84 100
86 65.7 43.2 80.2
49 127.1 86.3 160.3

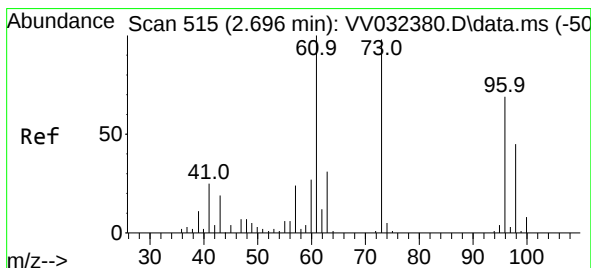
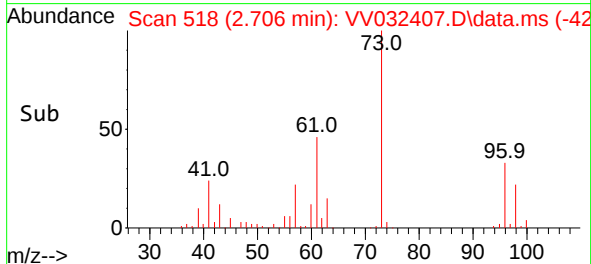
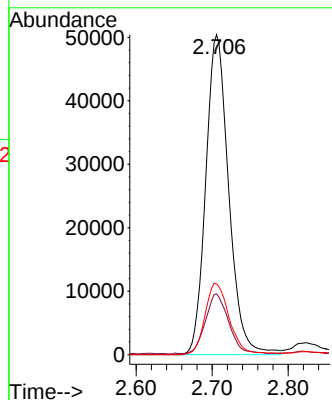
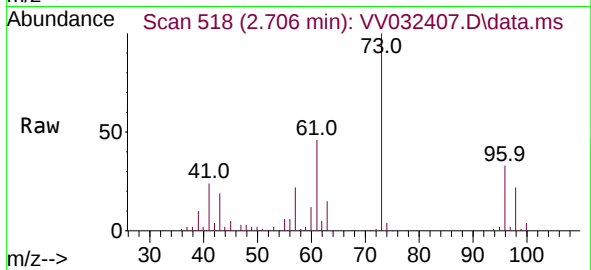




#17
Methyl tert-butyl Ether
Concen: 4.741 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

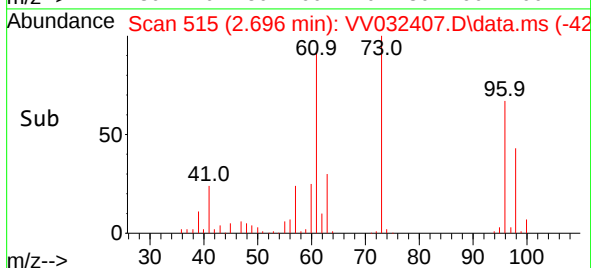
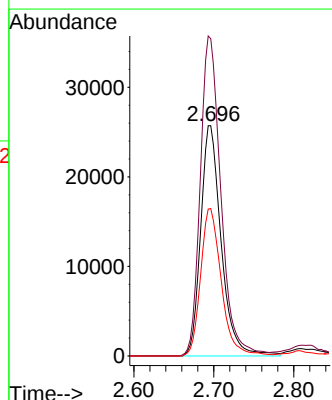
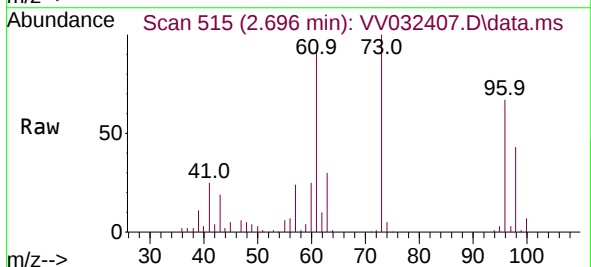
Instrument :
MSVOA_V
ClientSampleId :

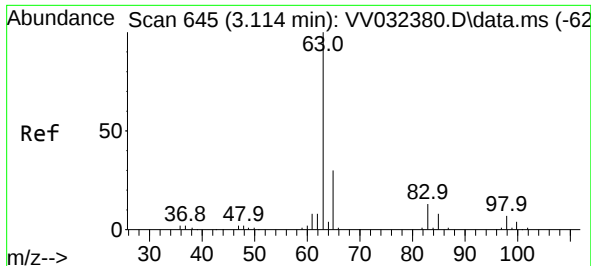
Tgt Ion: 73 Resp: 105901
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7
57 23.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.899 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 96 Resp: 46045
Ion Ratio Lower Upper
96 100
61 137.8 96.9 180.1
98 64.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.972 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

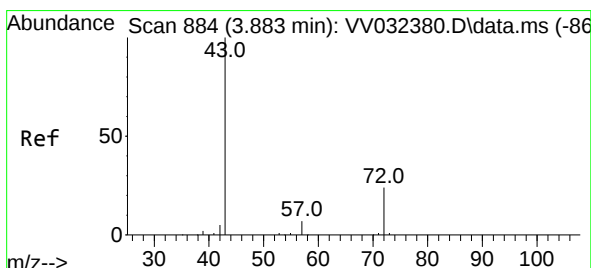
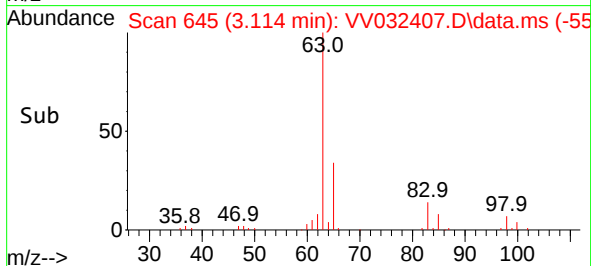
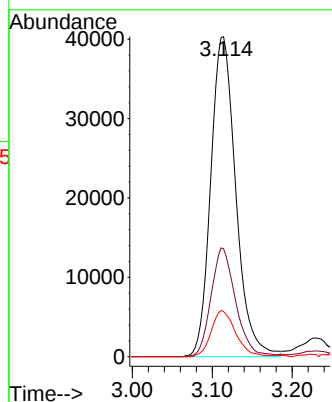
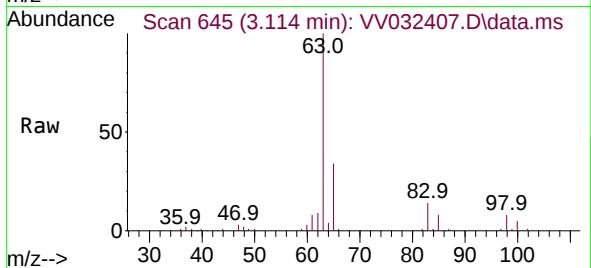
Tgt Ion: 63 Resp: 87902

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

83 14.1 9.0 16.6



#21

2-Butanone

Concen: 49.693 ug/L

RT: 3.883 min Scan# 884

Delta R.T. 0.000 min

Lab File: VV032407.D

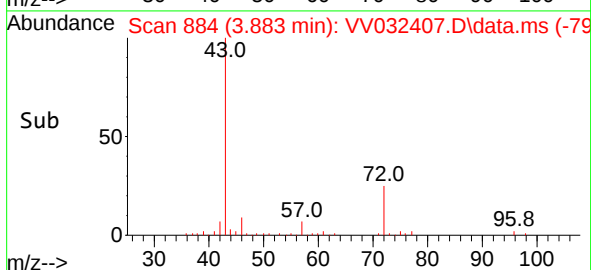
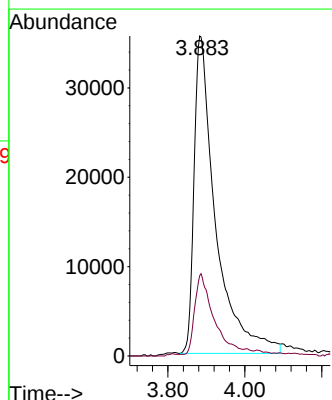
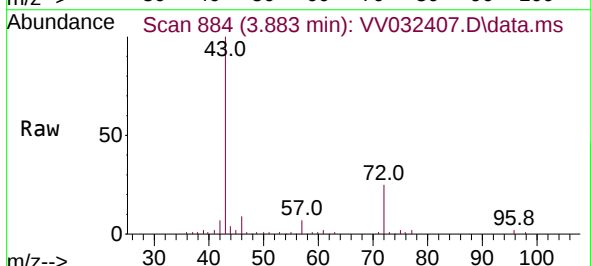
Acq: 12 Oct 2023 09:34

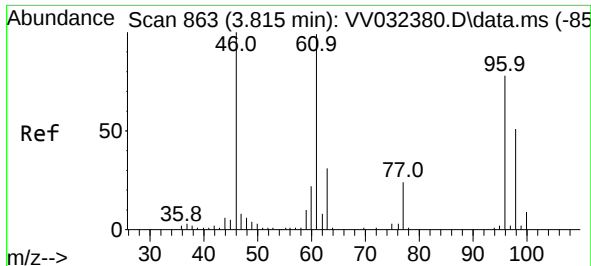
Tgt Ion: 43 Resp: 137867

Ion Ratio Lower Upper

43 100

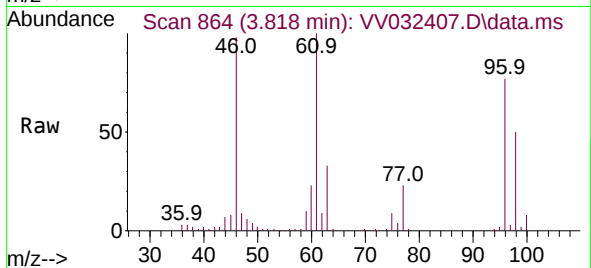
72 22.1 11.6 34.8





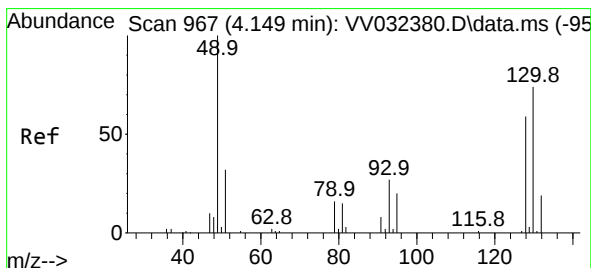
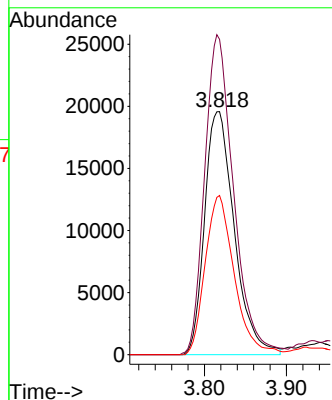
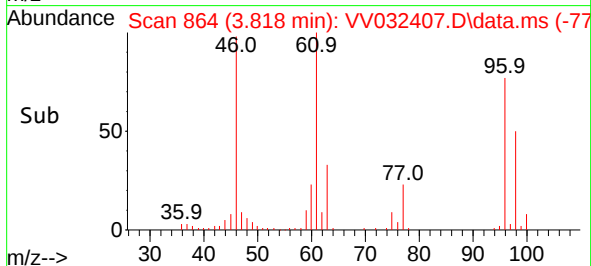
#22
 cis-1,2-Dichloroethene
 Concen: 4.878 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

Instrument :
 MSVOA_V
 ClientSampleId :

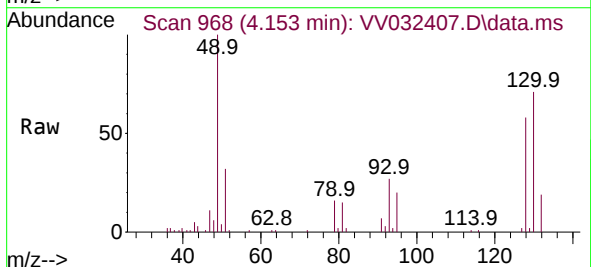


Tgt Ion: 96 Resp: 49368

Ion	Ratio	Lower	Upper
96	100		
61	129.8	85.8	159.4
98	65.5	44.0	81.6

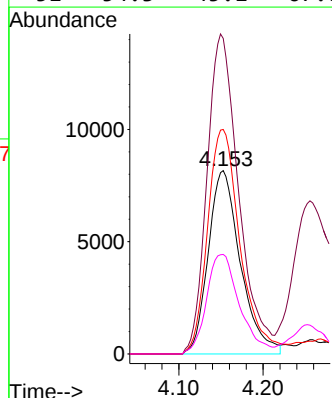
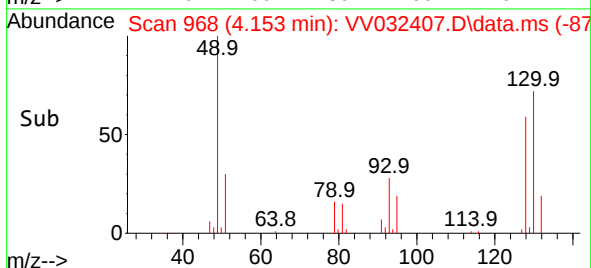


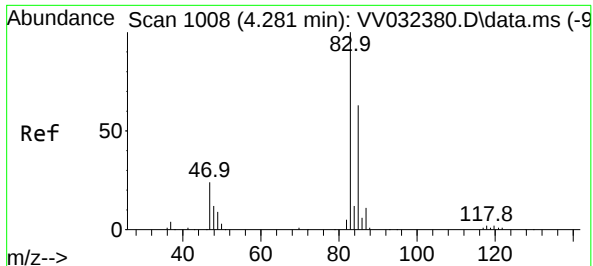
#23
 Bromochloromethane
 Concen: 5.082 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34



Tgt Ion: 128 Resp: 21638

Ion	Ratio	Lower	Upper
128	100		
49	172.2	121.2	225.0
130	122.5	88.2	163.8
51	54.3	45.1	67.7





#25

Chloroform

Concen: 5.181 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

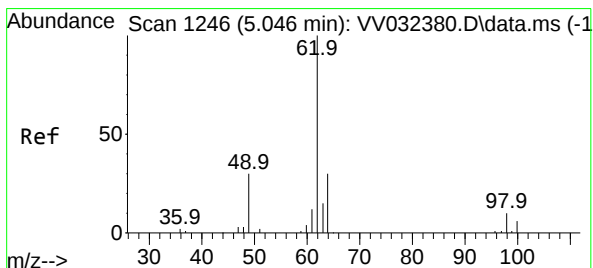
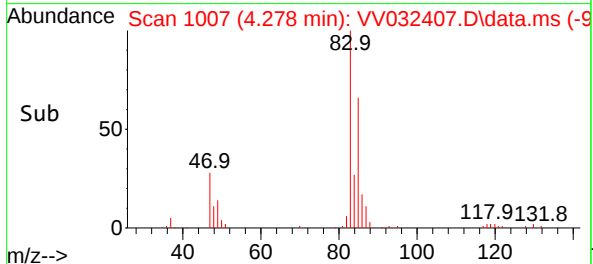
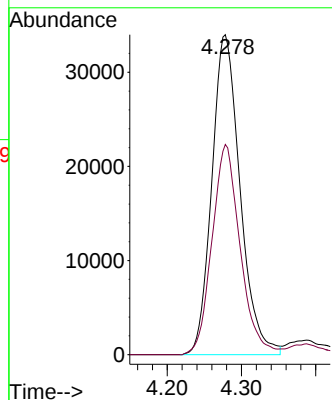
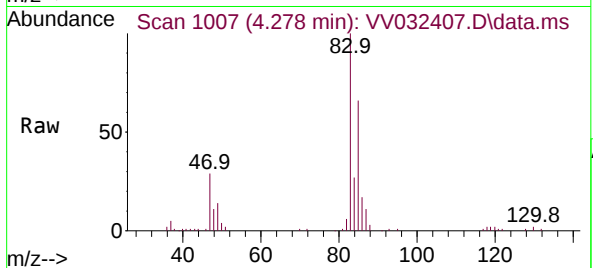
ClientSampleId :

Tgt Ion: 83 Resp: 89877

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.977 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV032407.D

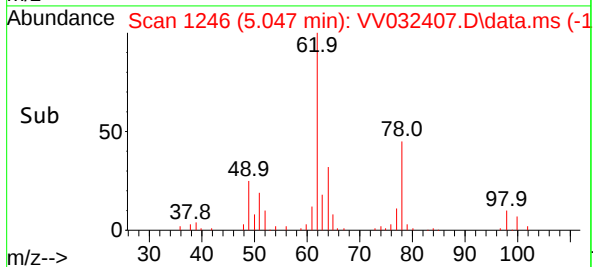
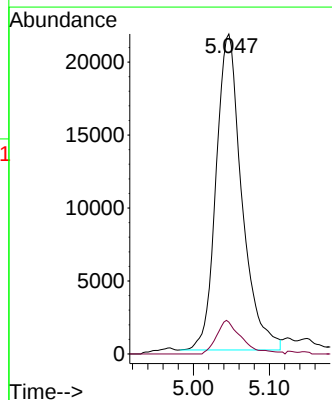
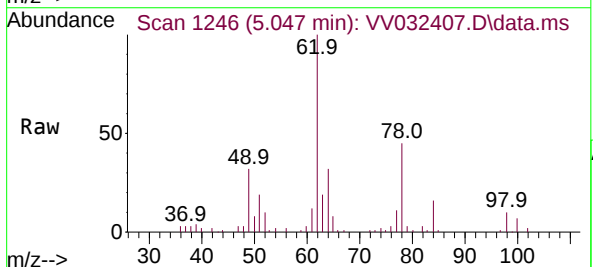
Acq: 12 Oct 2023 09:34

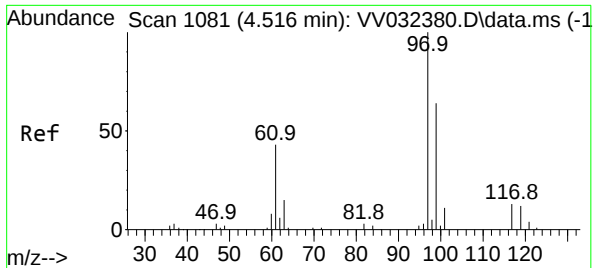
Tgt Ion: 62 Resp: 51006

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.531 ug/L

RT: 4.513 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV032407.D

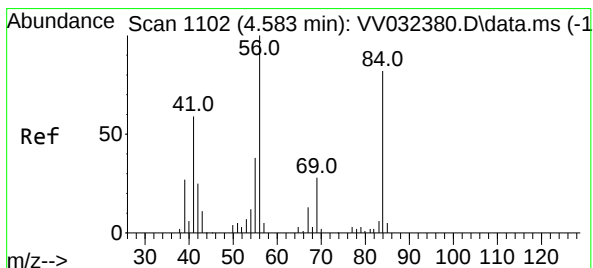
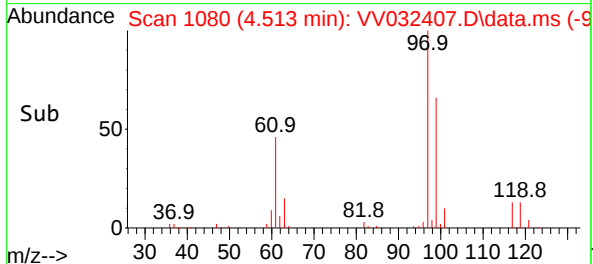
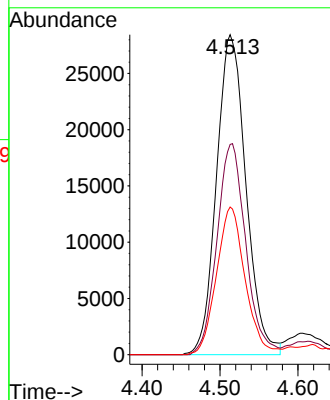
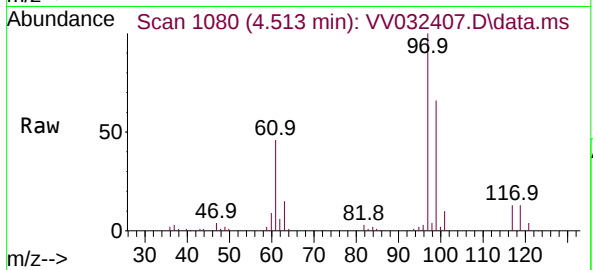
Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	74804
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.1	75.1
61	44.9	35.1	52.7



#30

Cyclohexane

Concen: 4.060 ug/L

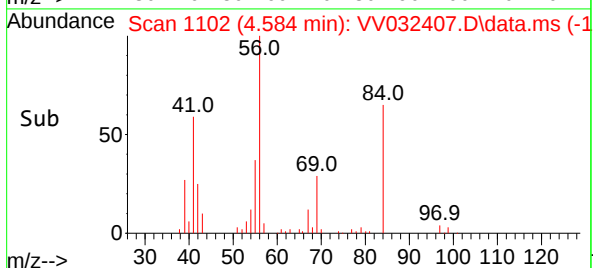
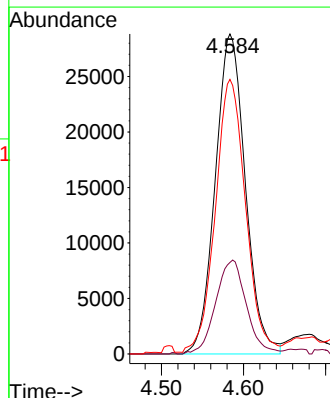
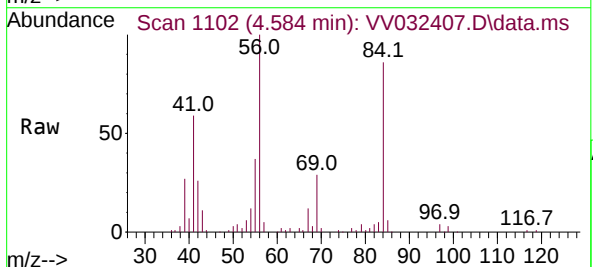
RT: 4.584 min Scan# 1102

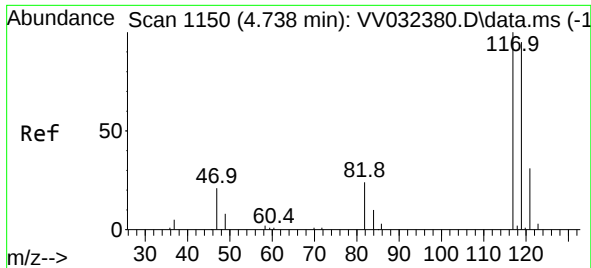
Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Tgt Ion:	56	Resp:	73661
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.2	36.2
84	85.1	68.1	102.1

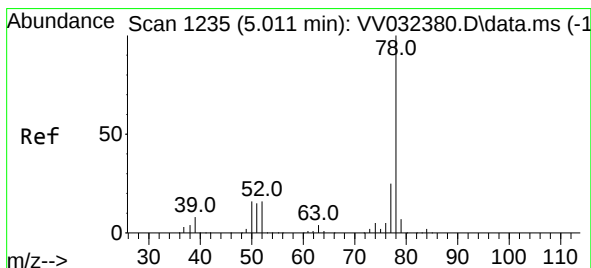
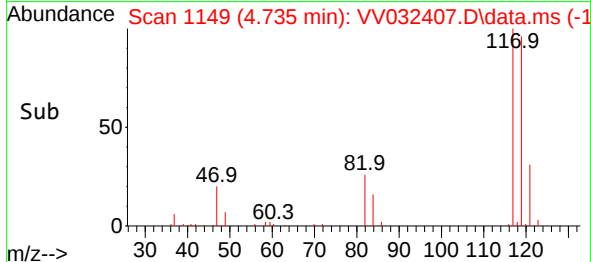
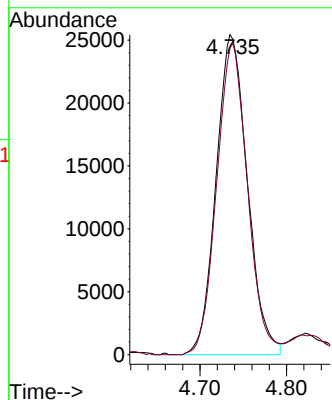
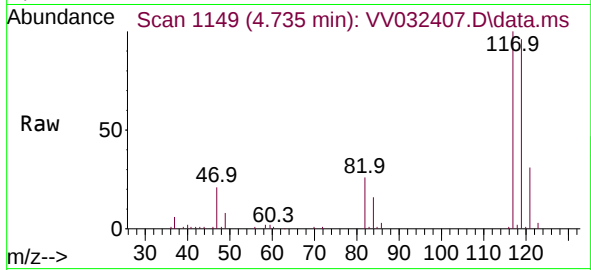




#31
Carbon tetrachloride
Concen: 4.568 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

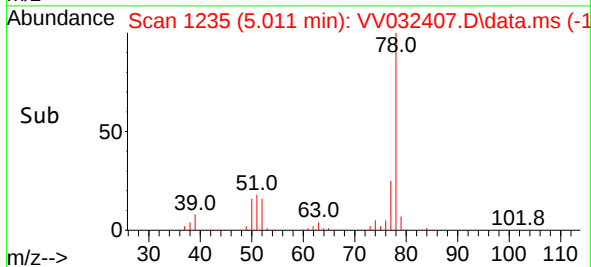
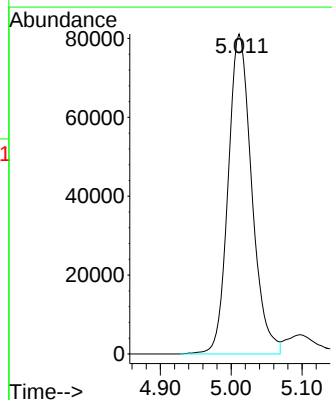
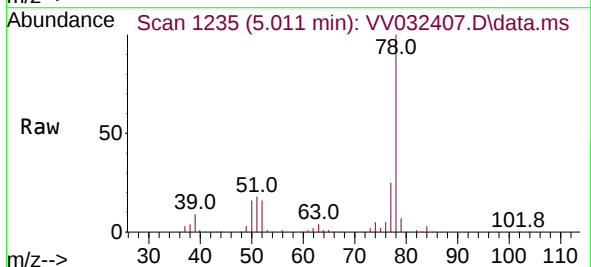
Instrument :
MSVOA_V
ClientSampleId :

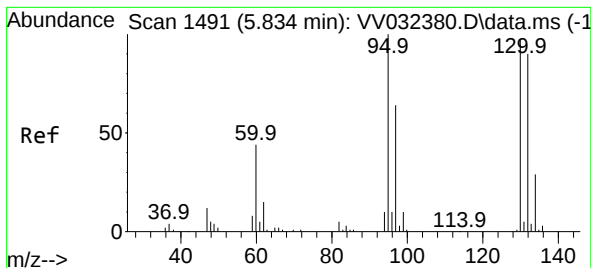
Tgt Ion:117 Resp: 63811
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4



#33
Benzene
Concen: 4.396 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 78 Resp: 187943





#34

Trichloroethene

Concen: 4.387 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51196

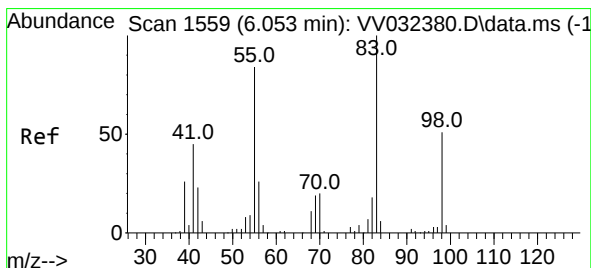
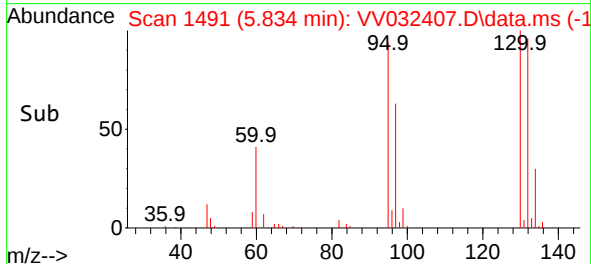
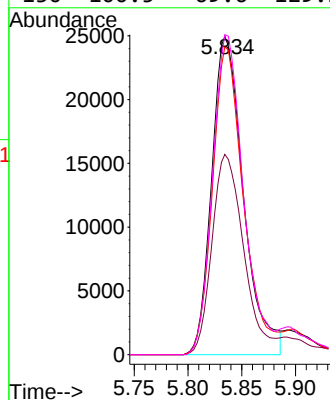
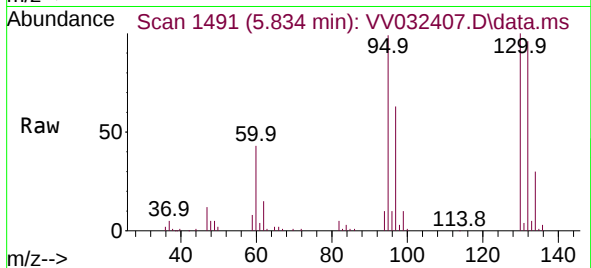
Ion Ratio Lower Upper

95 100

97 62.9 45.7 84.9

132 96.7 70.3 130.5

130 100.5 69.6 129.2



#35

Methylcyclohexane

Concen: 4.565 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

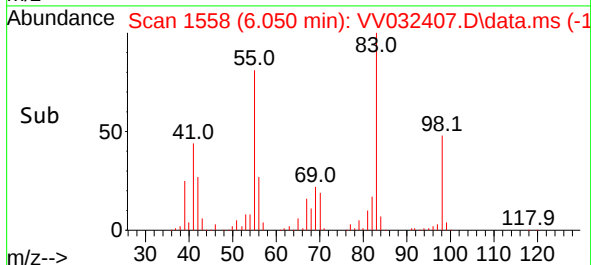
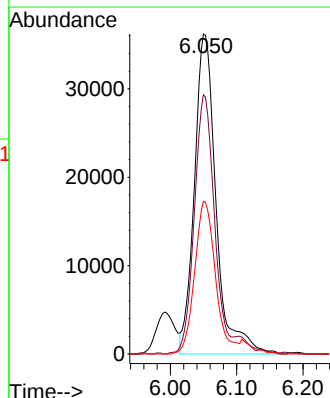
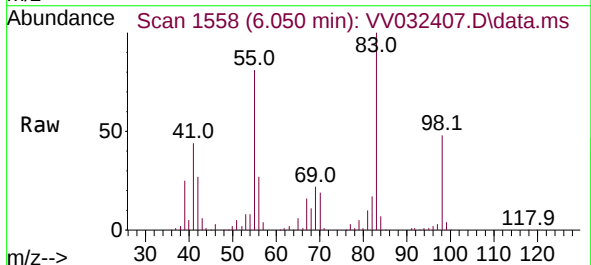
Tgt Ion: 83 Resp: 82450

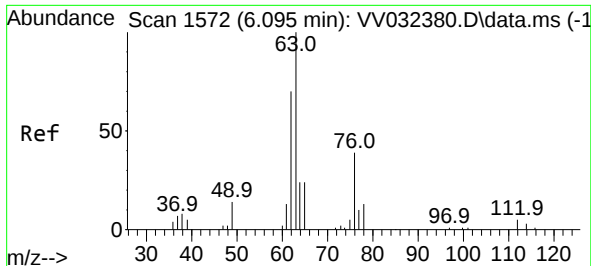
Ion Ratio Lower Upper

83 100

55 74.8 64.2 96.2

98 45.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.218 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

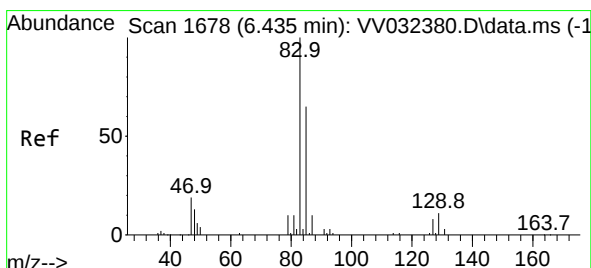
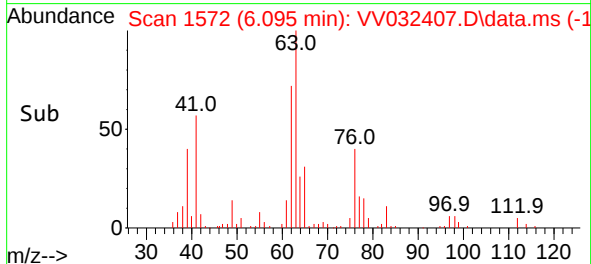
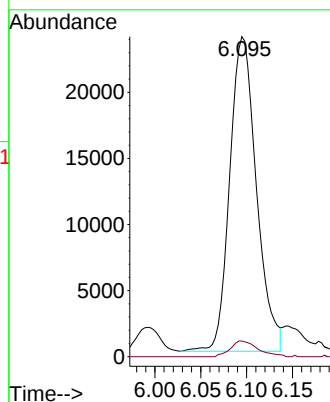
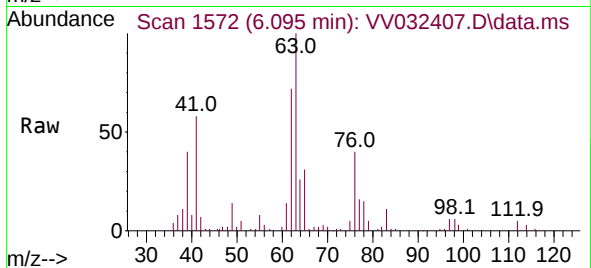
ClientSampleId :

Tgt Ion: 63 Resp: 48224

Ion Ratio Lower Upper

63 100

112 5.1 3.4 5.2



#38

Bromodichloromethane

Concen: 4.848 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

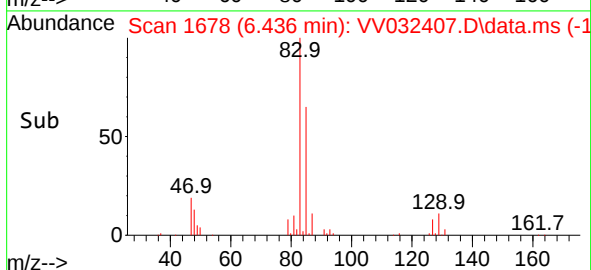
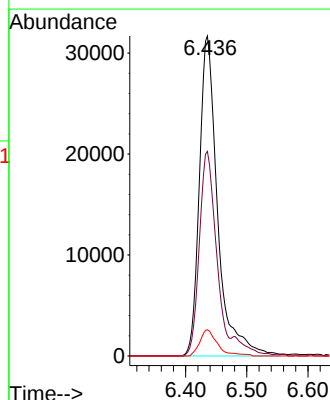
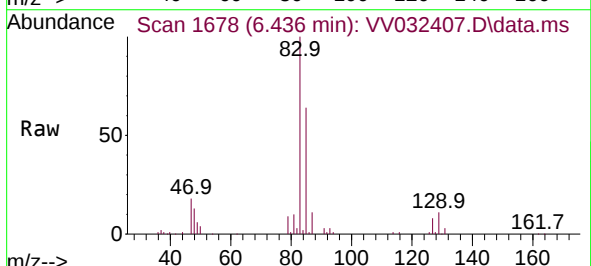
Tgt Ion: 83 Resp: 65864

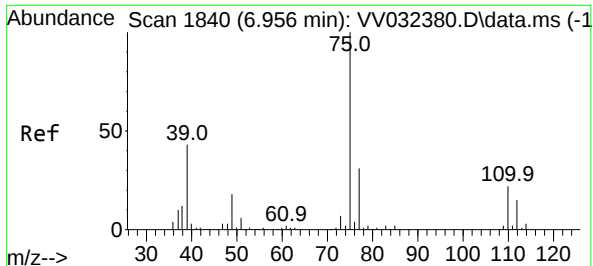
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.364 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

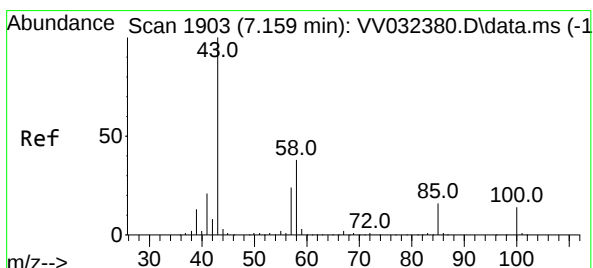
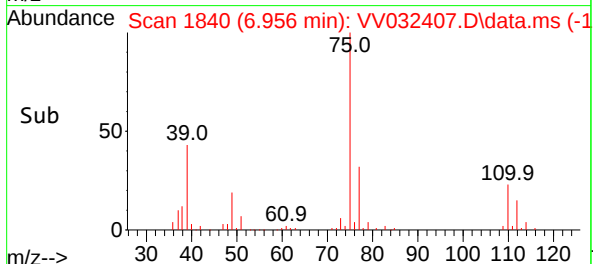
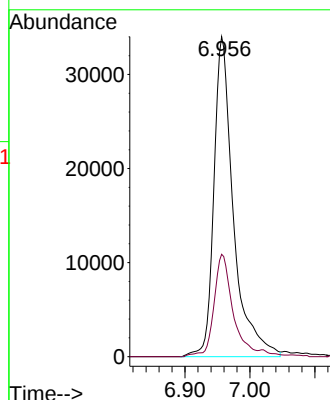
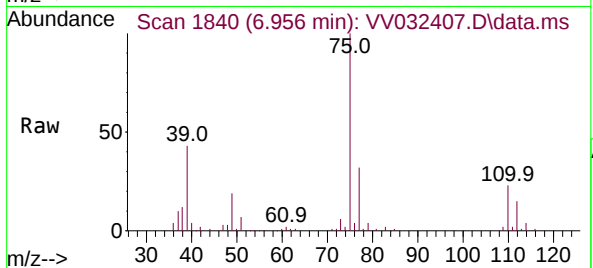
ClientSampleId :

Tgt Ion: 75 Resp: 71005

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 44.249 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

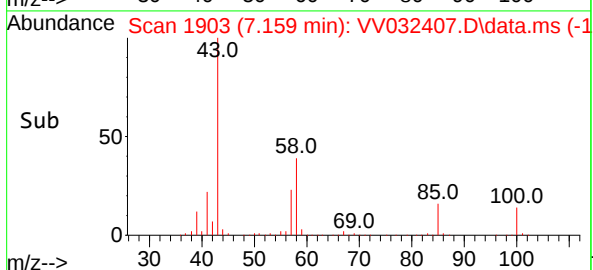
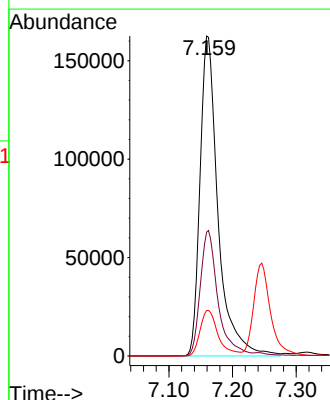
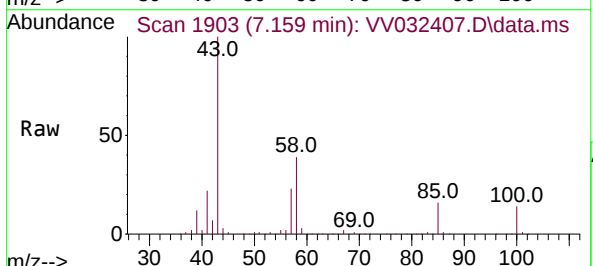
Tgt Ion: 43 Resp: 320165

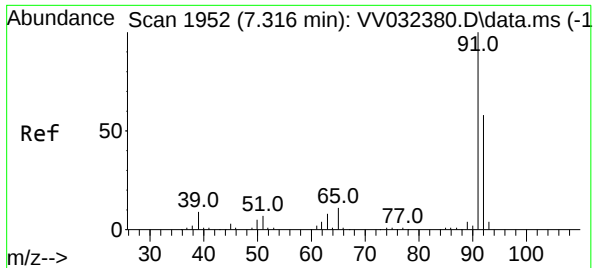
Ion Ratio Lower Upper

43 100

58 38.4 31.9 47.9

100 14.3 11.3 16.9





#42

Toluene

Concen: 4.767 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

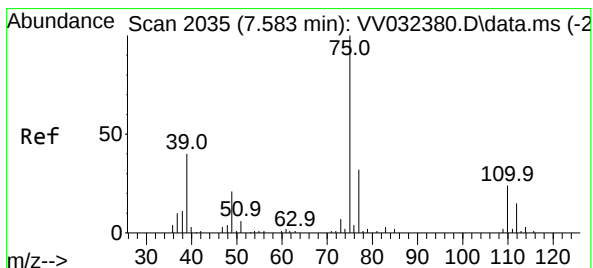
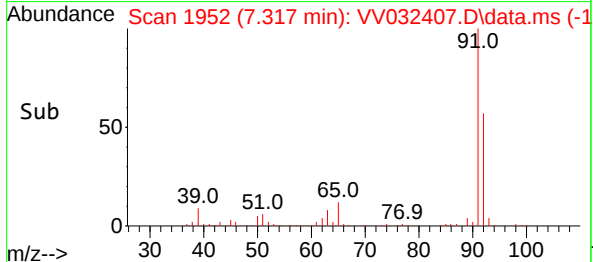
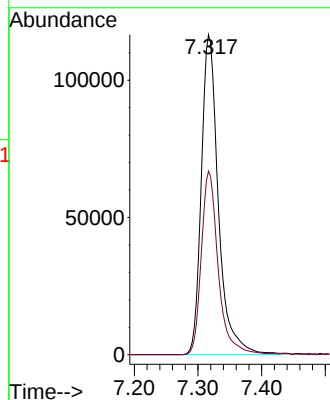
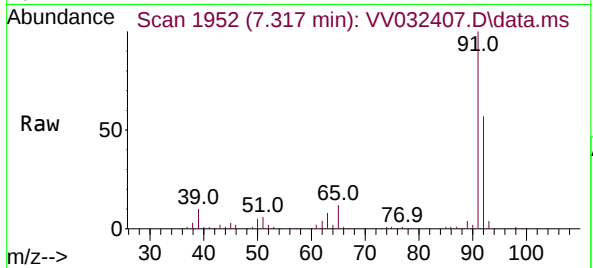
ClientSampleId :

Tgt Ion: 91 Resp: 217242

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.398 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032407.D

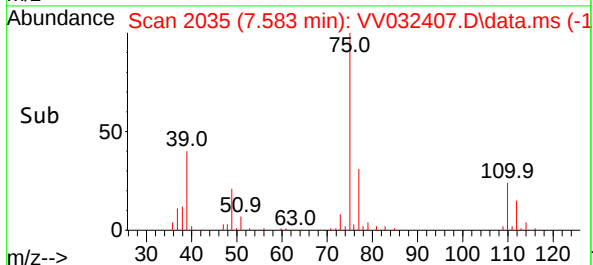
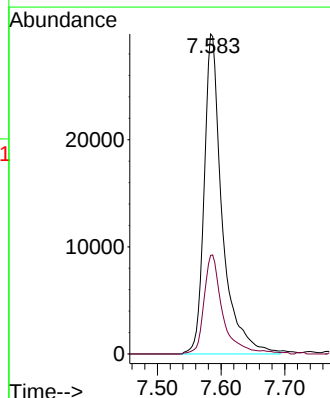
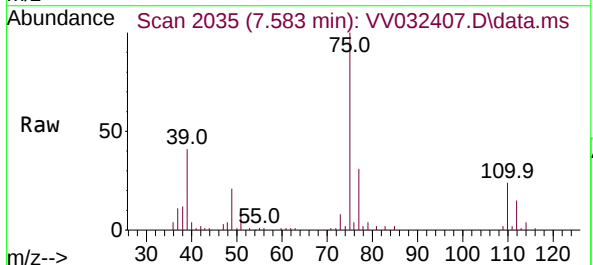
Acq: 12 Oct 2023 09:34

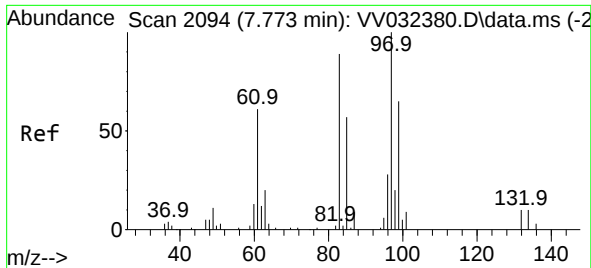
Tgt Ion: 75 Resp: 58815

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7

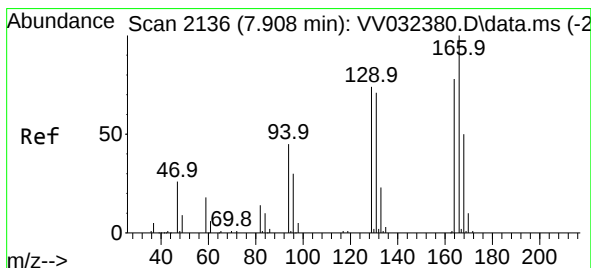
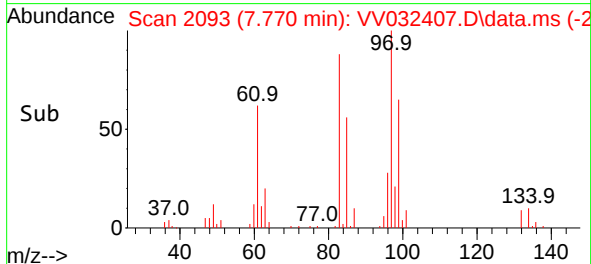
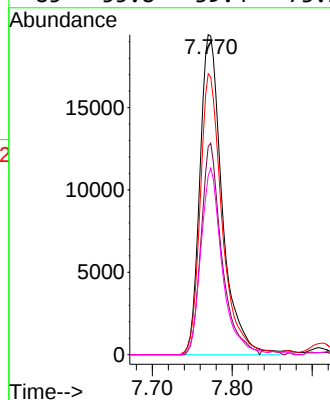
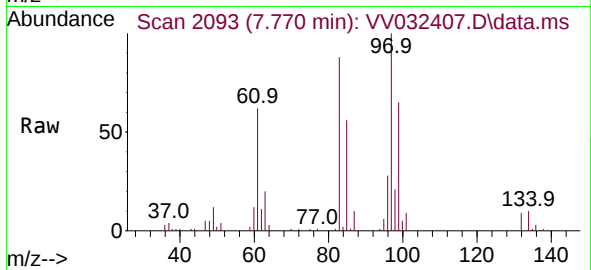




#45
1,1,2-Trichloroethane
Concen: 4.678 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

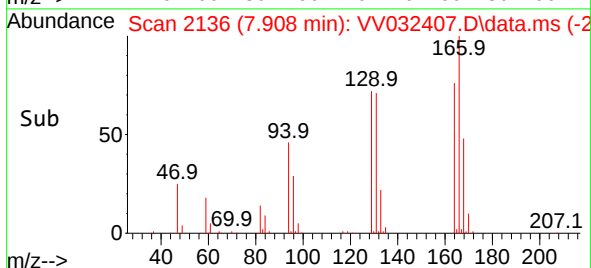
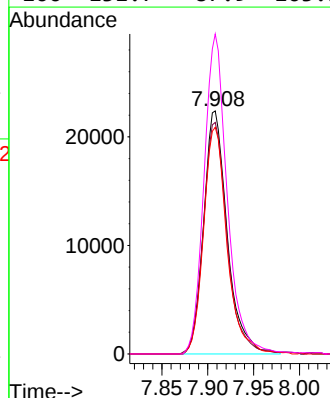
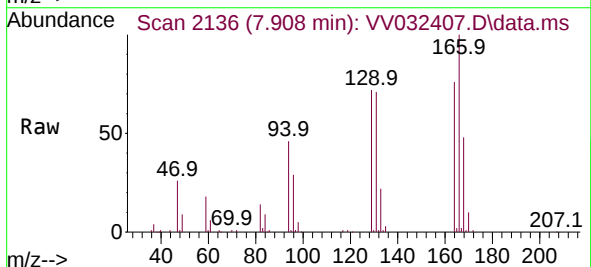
Instrument :
MSVOA_V
ClientSampleId :

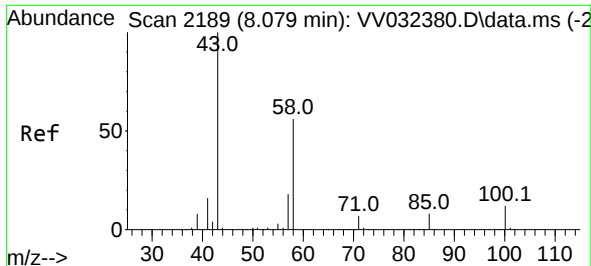
Tgt Ion:	97	Resp:	37727
Ion	Ratio	Lower	Upper
97	100		
99	65.0	42.8	79.4
83	87.8	60.9	113.1
85	55.8	39.4	73.2



#47
Tetrachloroethene
Concen: 4.537 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion:	164	Resp:	40155
Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.4	123.4
131	93.3	63.7	118.3
166	131.7	87.9	163.3

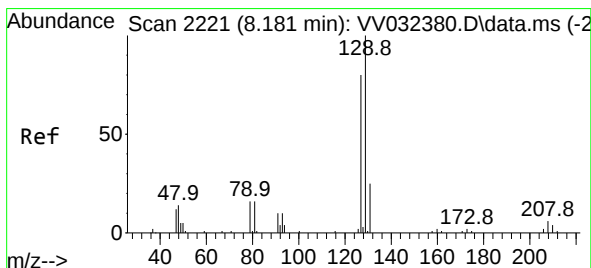
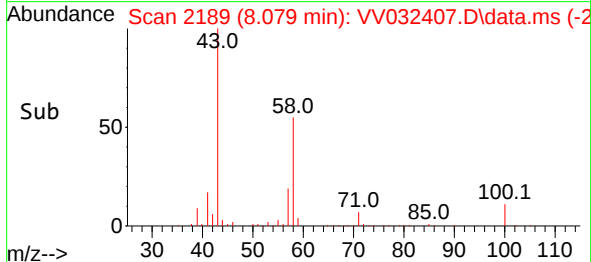
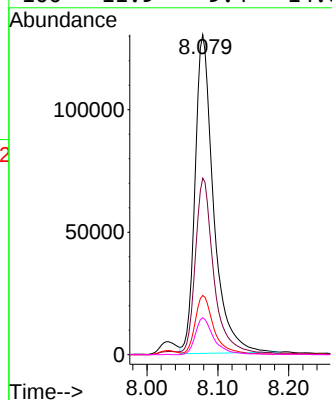
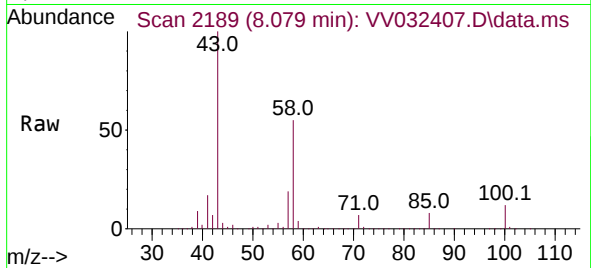




#48
2-Hexanone
Concen: 46.277 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

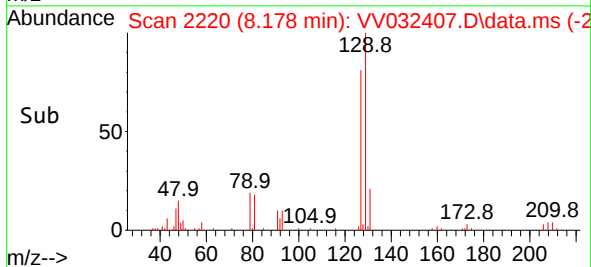
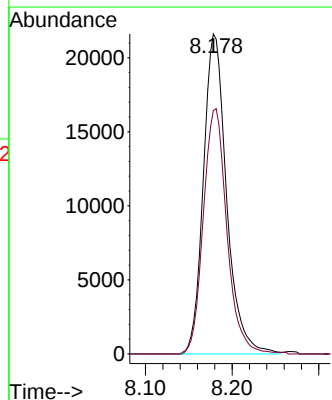
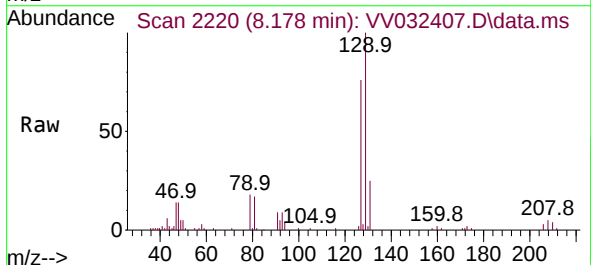
Instrument :
MSVOA_V
ClientSampleId :

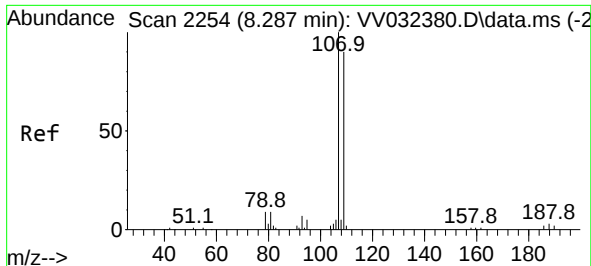
Tgt Ion: 43 Resp: 236248
Ion Ratio Lower Upper
43 100
58 54.9 43.6 65.4
57 18.0 14.6 22.0
100 11.9 9.4 14.0



#49
Dibromochloromethane
Concen: 4.790 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 129 Resp: 40226
Ion Ratio Lower Upper
129 100
127 76.0 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.595 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032407.D

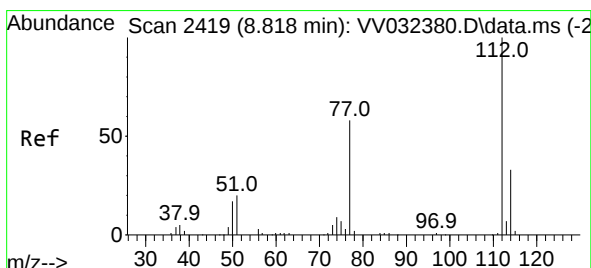
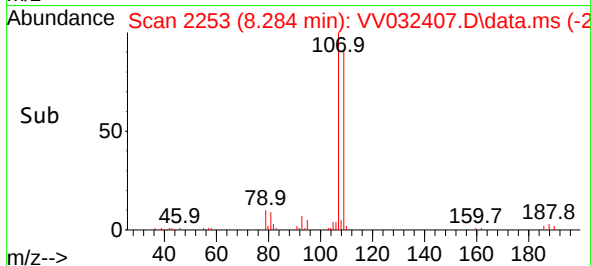
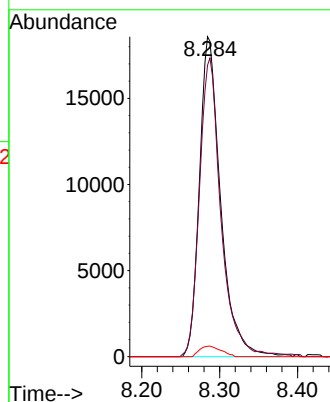
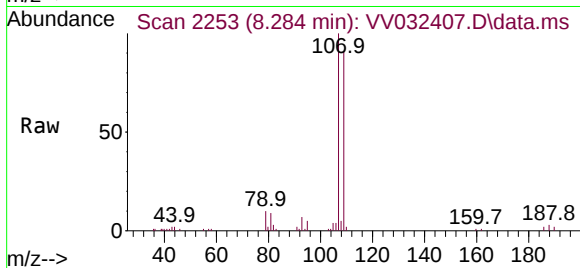
Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	35055
Ion Ratio	Lower	Upper
107	100	
109	91.1	68.4 127.0
188	3.3	3.2 4.8



#51

Chlorobenzene

Concen: 4.576 ug/L

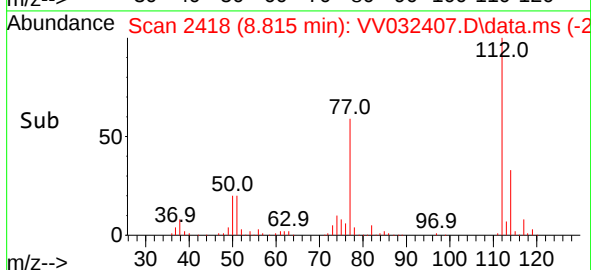
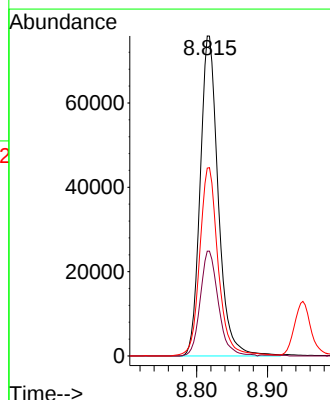
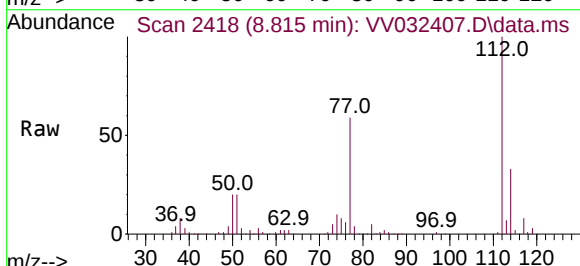
RT: 8.815 min Scan# 2418

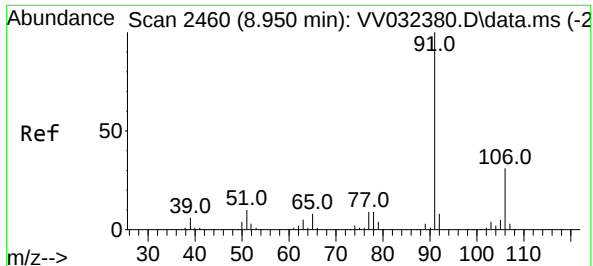
Delta R.T. -0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Tgt Ion:112	Resp:	134278
Ion Ratio	Lower	Upper
112	100	
114	32.7	22.1 41.1
77	58.7	46.1 69.1

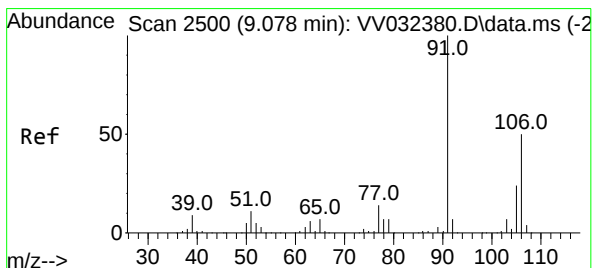
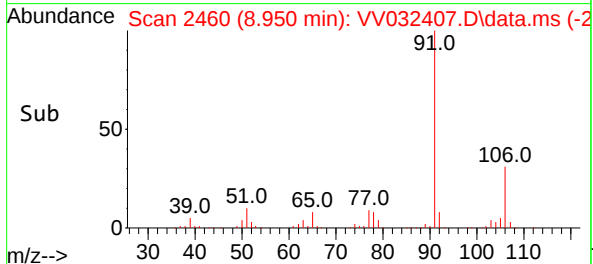
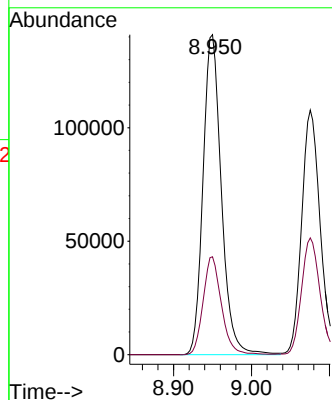
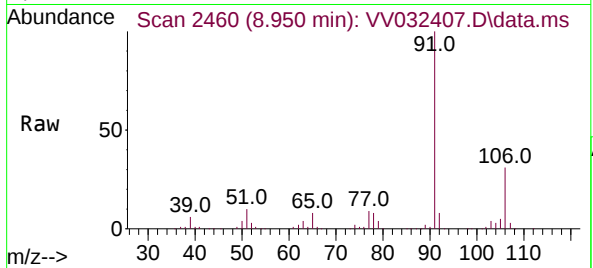




#52
Ethylbenzene
Concen: 4.537 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

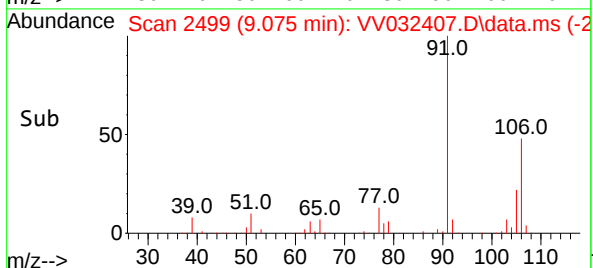
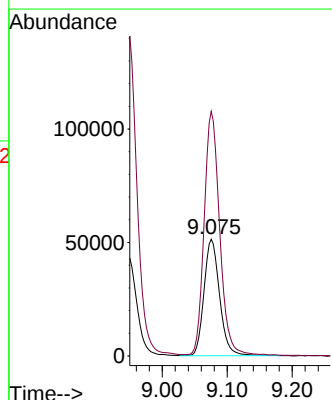
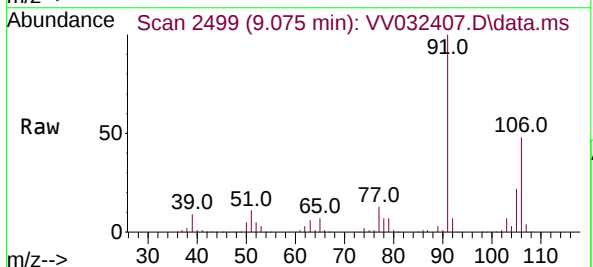
Instrument :
MSVOA_V
ClientSampleId :

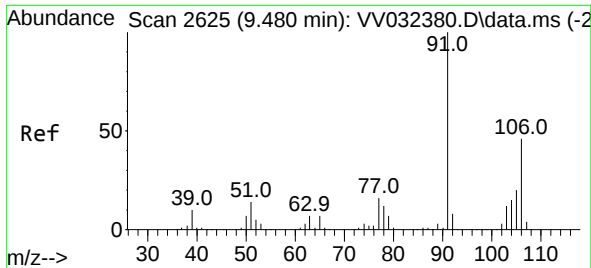
Tgt Ion: 91 Resp: 230270
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 4.579 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 106 Resp: 86182
Ion Ratio Lower Upper
106 100
91 209.3 144.5 268.3

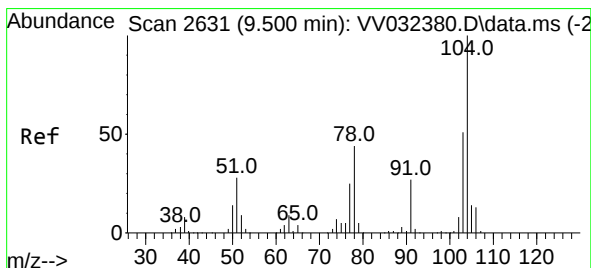
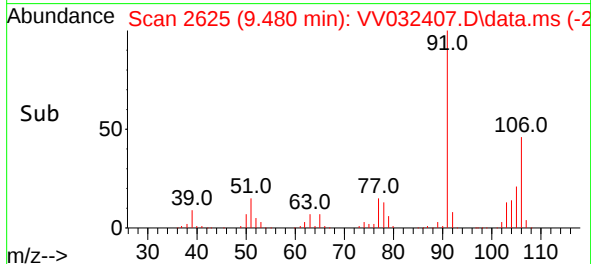
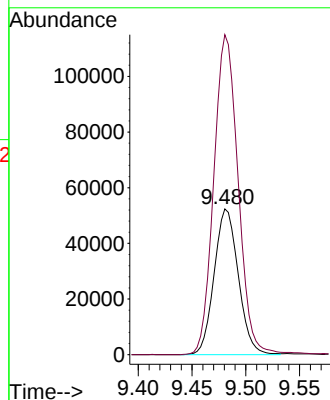
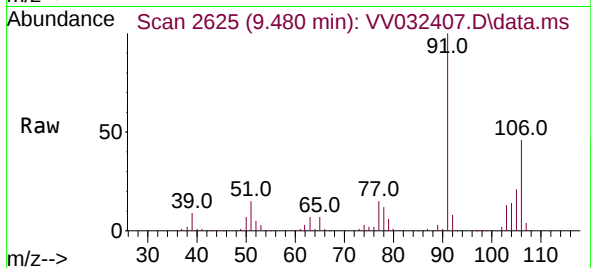




#54
o-Xylene
Concen: 4.518 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

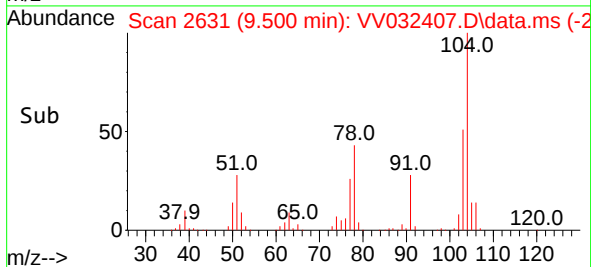
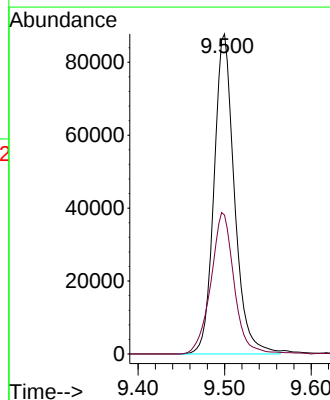
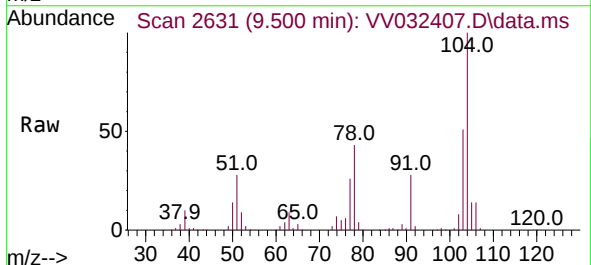
Instrument :
MSVOA_V
ClientSampleId :

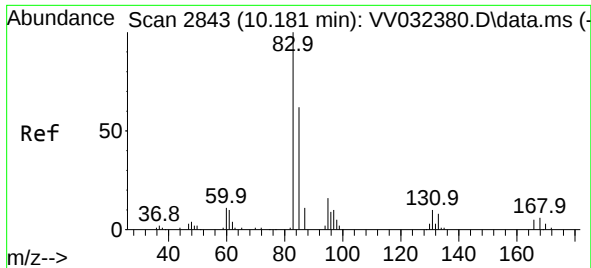
Tgt Ion:106 Resp: 81939
Ion Ratio Lower Upper
106 100
91 219.5 154.8 287.4



#55
Styrene
Concen: 4.698 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion:104 Resp: 143887
Ion Ratio Lower Upper
104 100
78 43.4 29.9 55.5

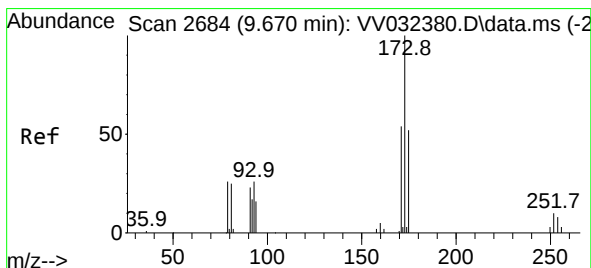
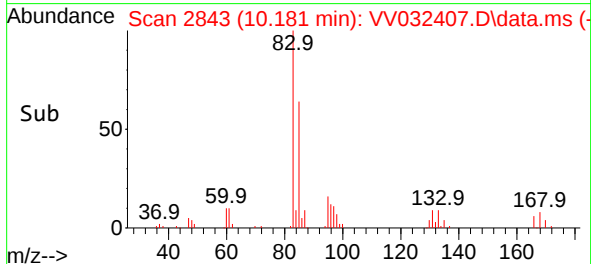
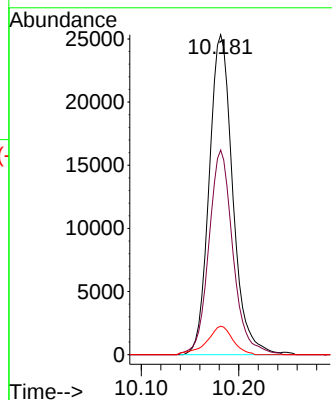
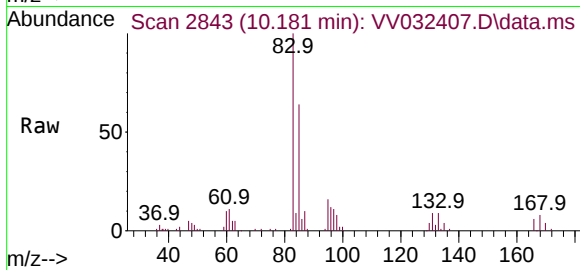




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.796 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

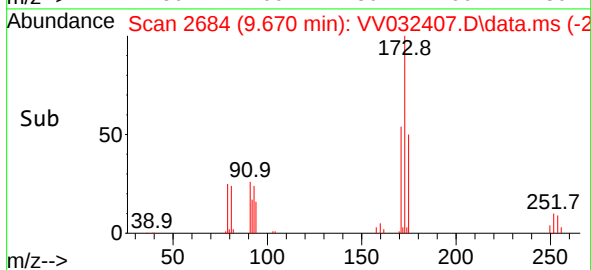
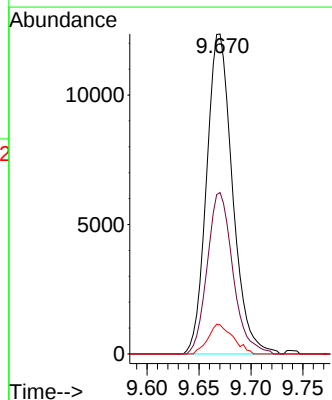
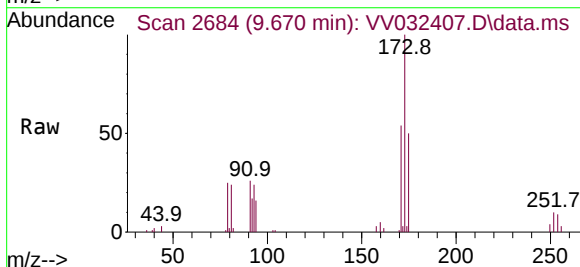
Instrument :
 MSVOA_V
 ClientSampleId :

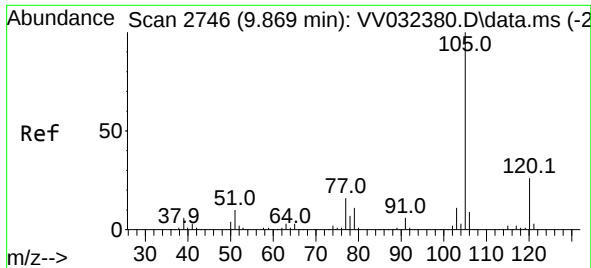
Tgt Ion: 83 Resp: 42565
 Ion Ratio Lower Upper
 83 100
 85 64.0 43.6 81.0
 131 8.9 7.0 10.6



#59
 Bromoform
 Concen: 4.564 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV032407.D
 Acq: 12 Oct 2023 09:34

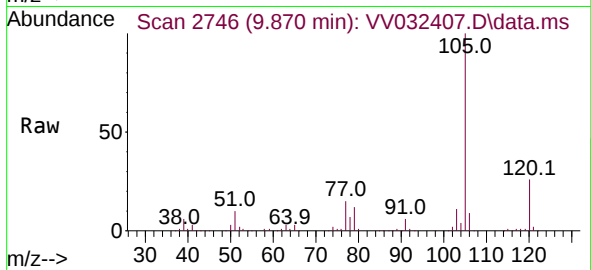
Tgt Ion: 173 Resp: 21417
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.2 57.2
 254 8.9 7.0 10.4



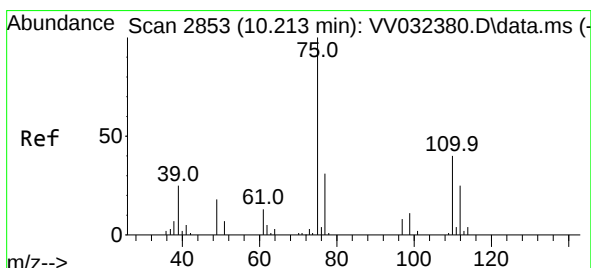
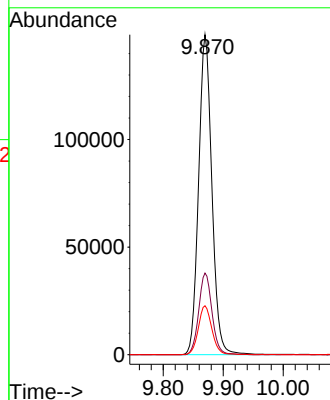
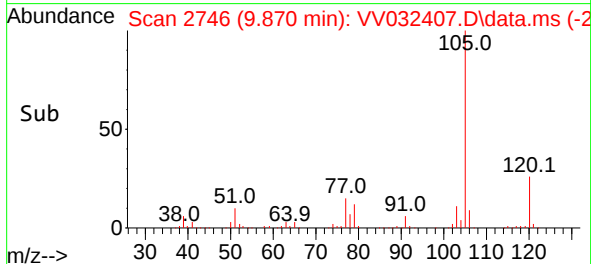


#60
Isopropylbenzene
Concen: 4.573 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

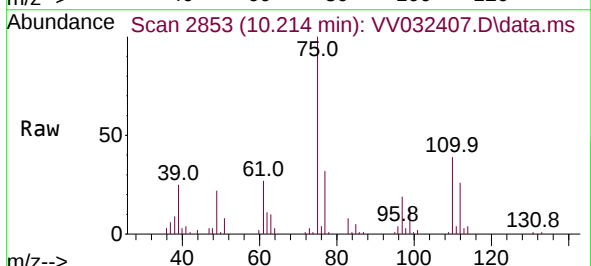
Instrument :
MSVOA_V
ClientSampleId :



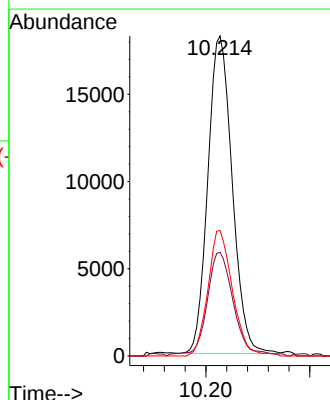
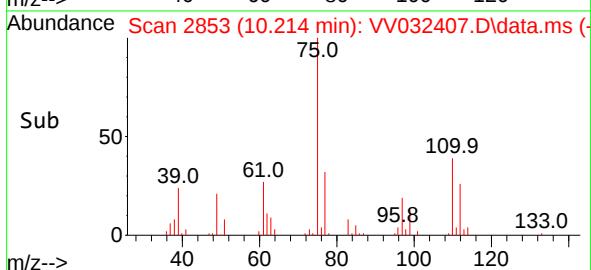
Tgt Ion:105 Resp: 229305
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 15.6 12.6 19.0

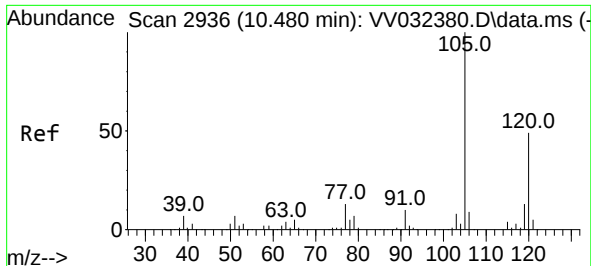


#61
1,2,3-Trichloropropane
Concen: 4.313 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34



Tgt Ion: 75 Resp: 29623
Ion Ratio Lower Upper
75 100
77 35.4 26.2 39.2
110 40.0 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.392 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

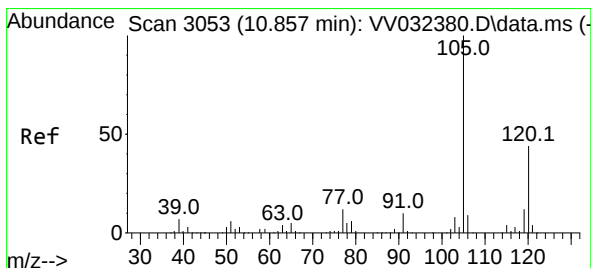
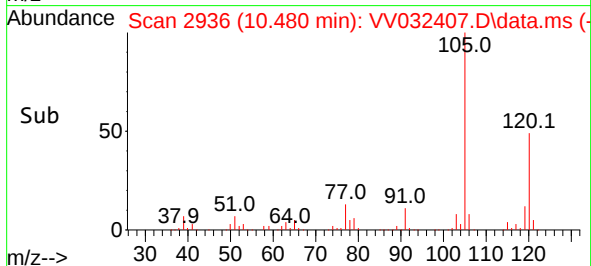
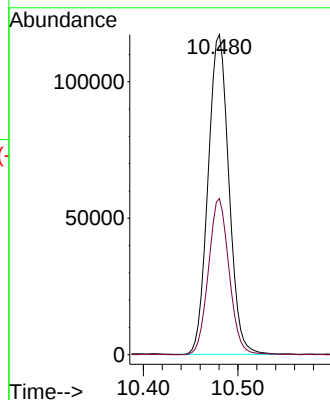
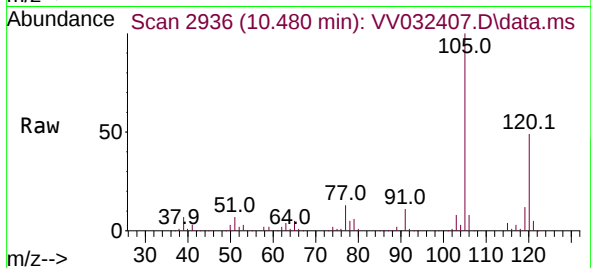
ClientSampleId :

Tgt Ion:105 Resp: 179501

Ion Ratio Lower Upper

105 100

120 48.5 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.466 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV032407.D

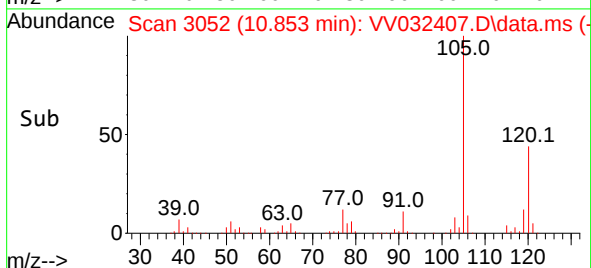
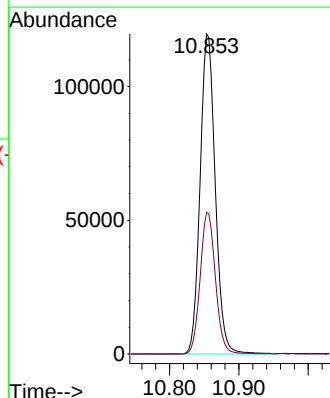
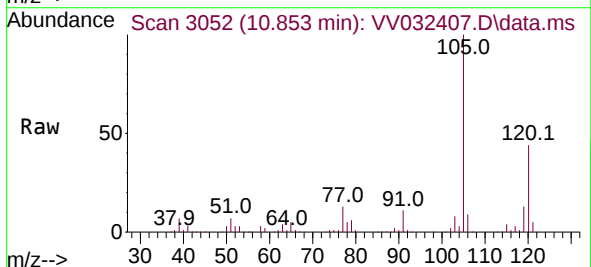
Acq: 12 Oct 2023 09:34

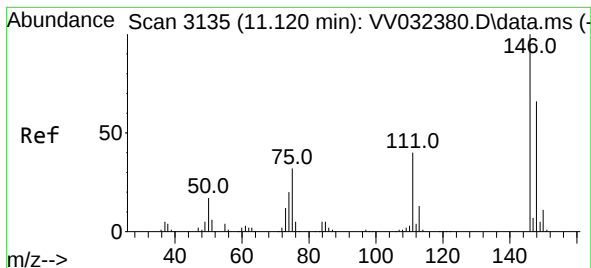
Tgt Ion:105 Resp: 181737

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 4.649 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

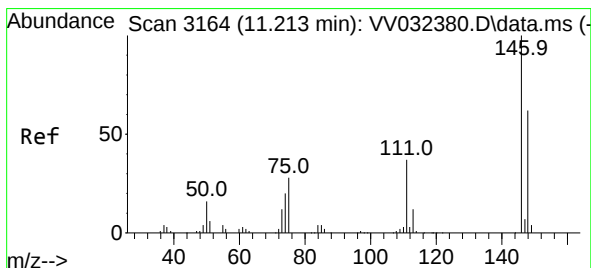
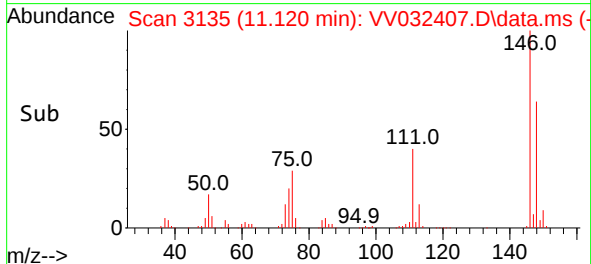
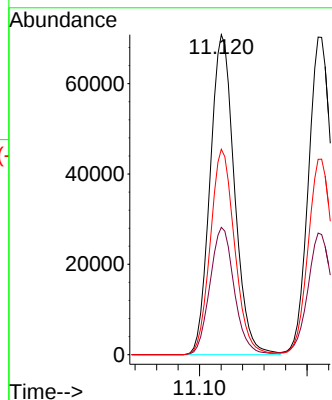
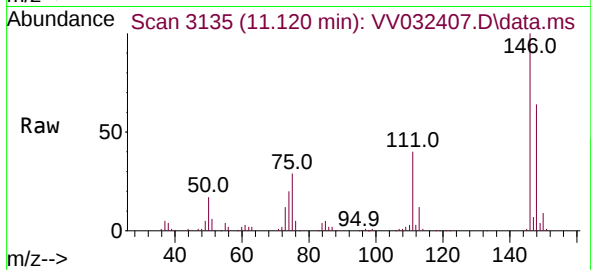
Tgt Ion:146 Resp: 111384

Ion Ratio Lower Upper

146 100

111 39.8 27.8 51.6

148 64.2 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.672 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

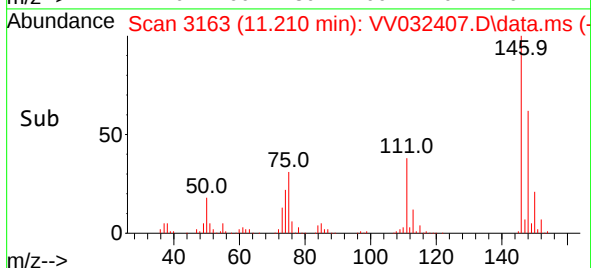
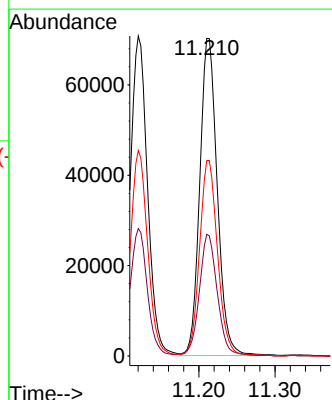
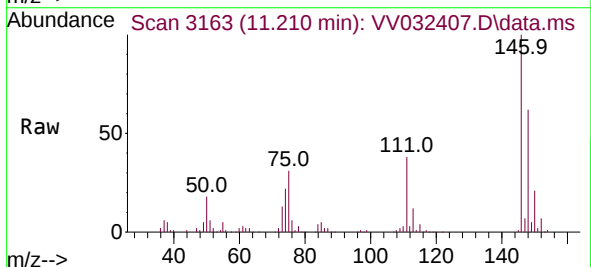
Tgt Ion:146 Resp: 112285

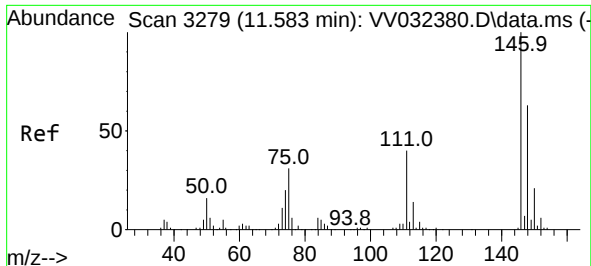
Ion Ratio Lower Upper

146 100

111 38.3 26.9 49.9

148 61.5 44.8 83.2

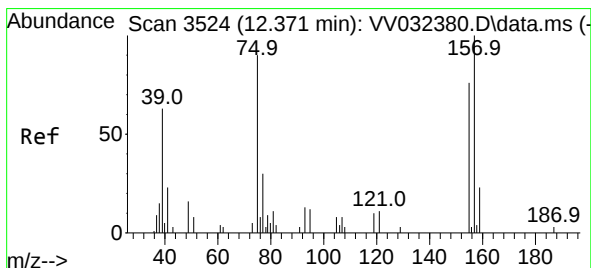
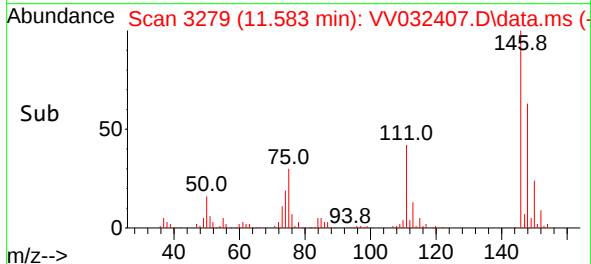
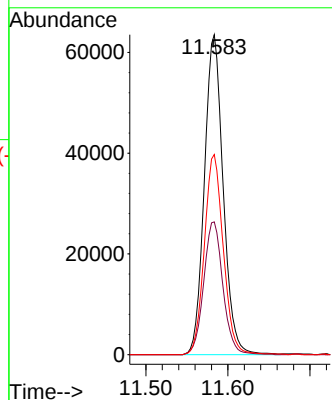
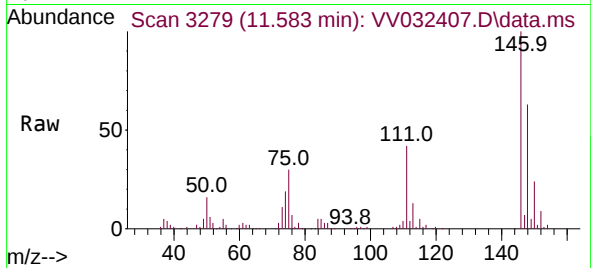




#67
1,2-Dichlorobenzene
Concen: 4.631 ug/L
RT: 11.583 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

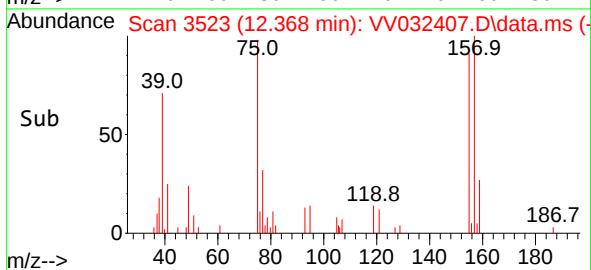
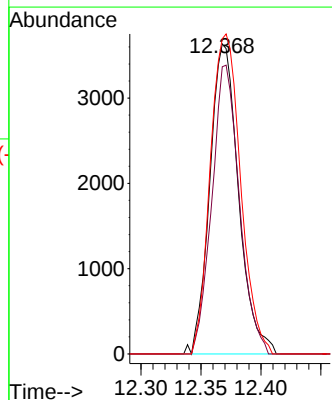
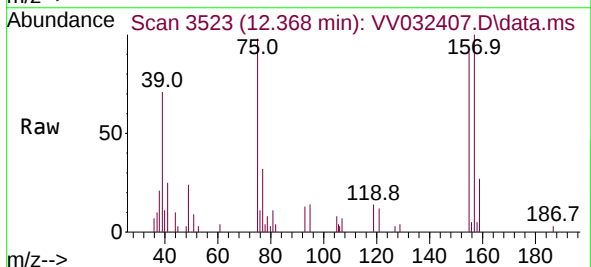
Instrument :
MSVOA_V
ClientSampleId :

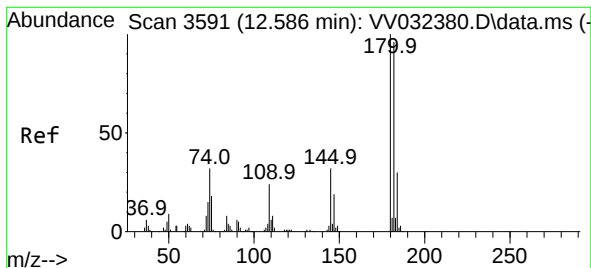
Tgt Ion:146 Resp: 101175
Ion Ratio Lower Upper
146 100
111 41.5 32.8 49.2
148 62.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.314 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion: 75 Resp: 6053
Ion Ratio Lower Upper
75 100
155 92.6 70.2 105.4
157 101.7 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.570 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 80173

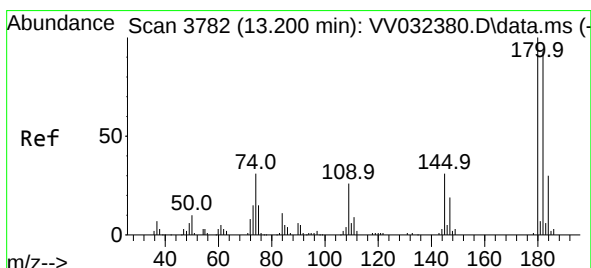
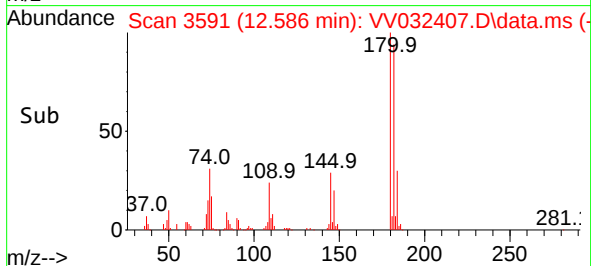
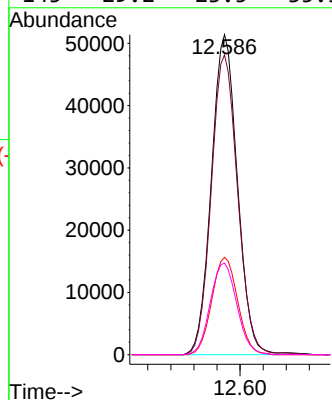
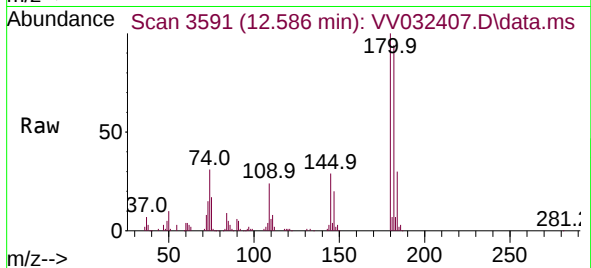
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

184 30.3 24.1 36.1

145 29.2 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.382 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032407.D

Acq: 12 Oct 2023 09:34

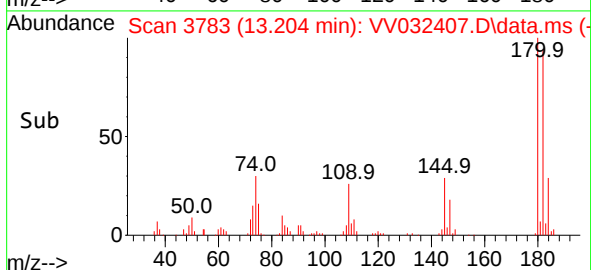
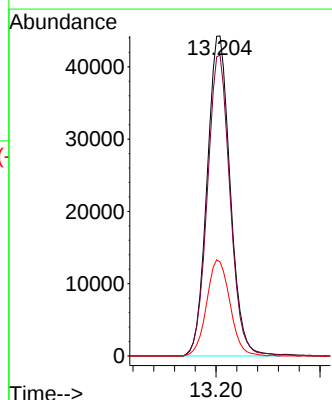
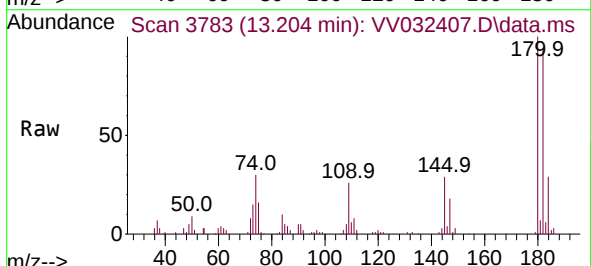
Tgt Ion:180 Resp: 68193

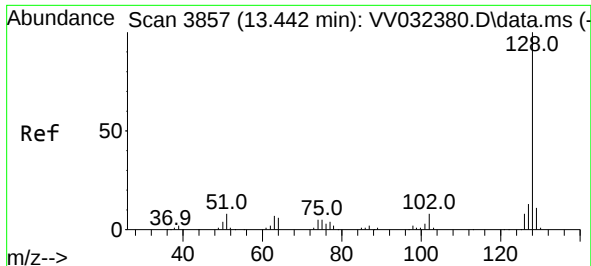
Ion Ratio Lower Upper

180 100

182 92.7 76.5 114.7

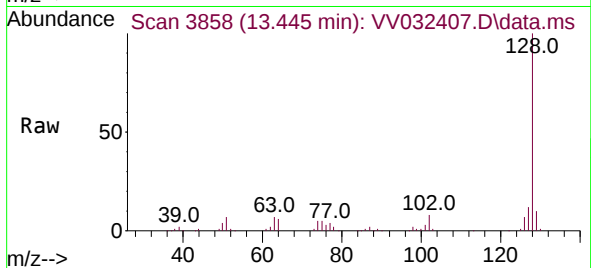
145 30.4 24.3 36.5



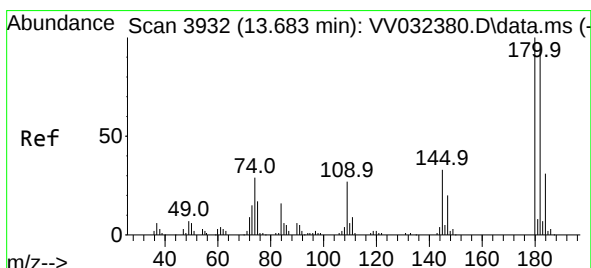
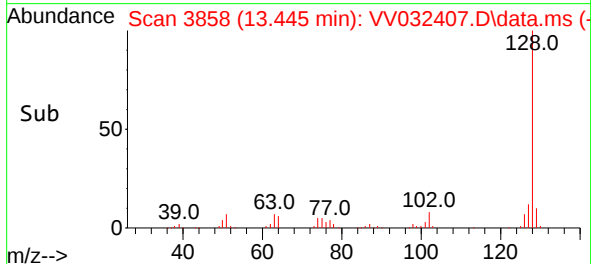
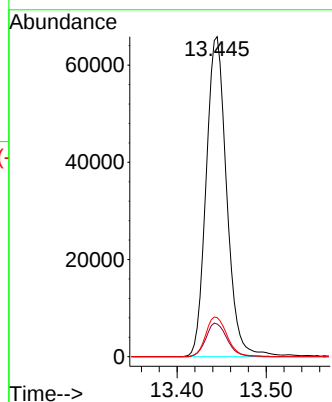


#71
Naphthalene
Concen: 3.980 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 105215
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.520 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032407.D
Acq: 12 Oct 2023 09:34

Tgt Ion:180 Resp: 60604
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.4
145 31.2 25.7 38.5

