

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032507.D
 Acq On : 19 Oct 2023 19:18
 Operator : SY/MD
 Sample : 04950-22MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:26:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	100883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56244	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38043	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.532	69	34562	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.060	65	15457	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.802	46	101396	48.853	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.700%
24) Chloroform-d	4.252	84	71430	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.947	65	35806	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.963	84	133665	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.992	67	42608	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.246	98	125967	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	15866	4.333	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.027	63	86366	50.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36870	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	46235	4.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	53416	4.751	ug/L	100
3) Chloromethane	1.217	50	63546	5.607	ug/L	99
5) Vinyl chloride	1.281	62	54093	5.004	ug/L	99
6) Bromomethane	1.487	94	28697	4.395	ug/L	97
8) Chloroethane	1.548	64	35823	5.505	ug/L	99
9) Trichlorofluoromethane	1.716	101	69320	5.348	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41573	5.293	ug/L	98
12) 1,1-Dichloroethene	2.069	96	37818	5.111	ug/L	97
13) Acetone	2.134	43	72787	45.500	ug/L	97
14) Carbon disulfide	2.243	76	108613	4.199	ug/L	100
15) Methyl Acetate	2.384	43	15579	4.326	ug/L	94
16) Methylene chloride	2.449	84	43857	4.547	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	95277	4.730	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	39499	4.661	ug/L	98
19) 1,1-Dichloroethane	3.114	63	80162	5.028	ug/L	98
21) 2-Butanone	3.883	43	108016	43.179	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	44435	4.870	ug/L	88
23) Bromochloromethane	4.153	128	19007	4.951	ug/L	97
25) Chloroform	4.278	83	83388	5.331	ug/L	99

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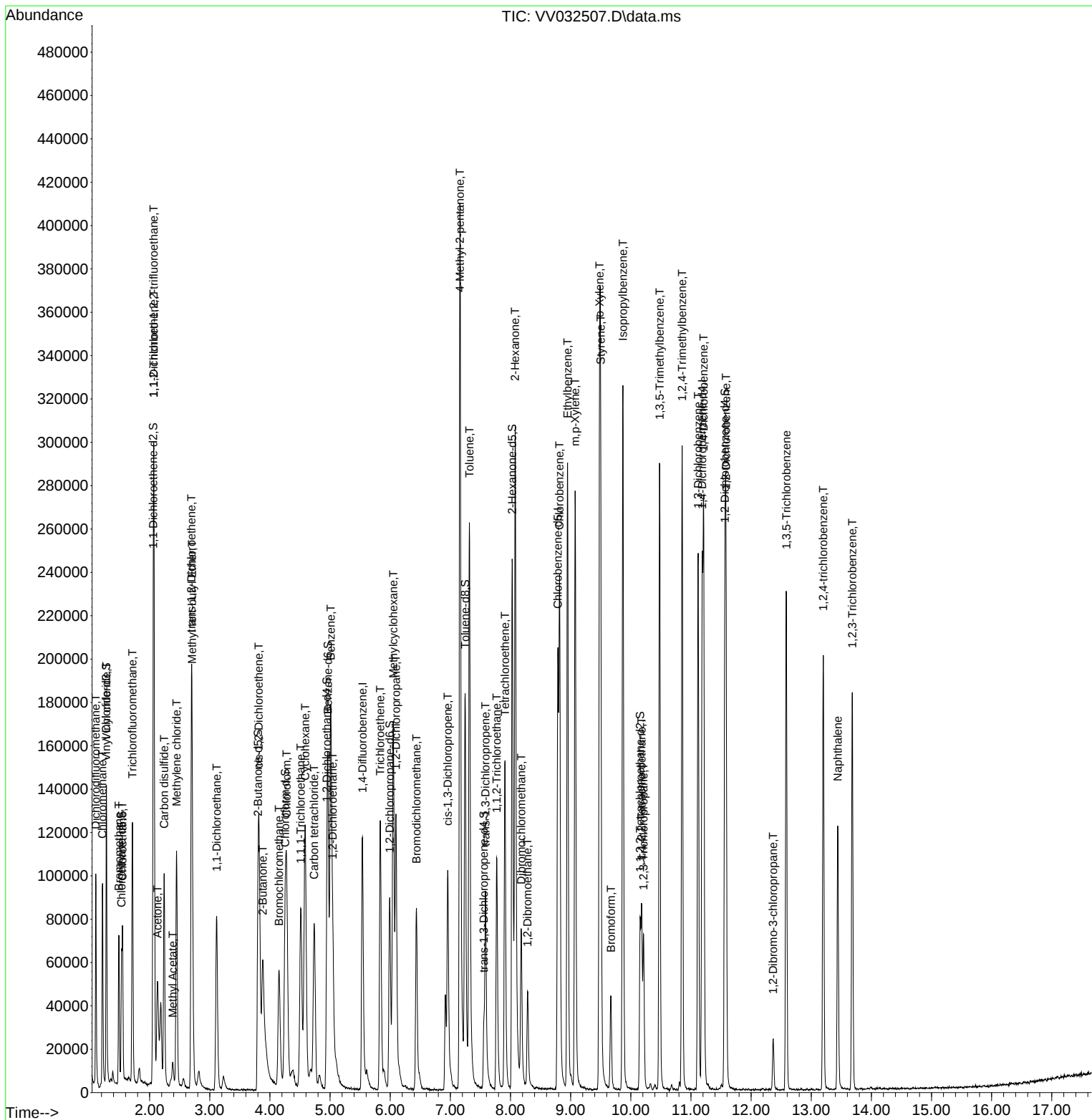
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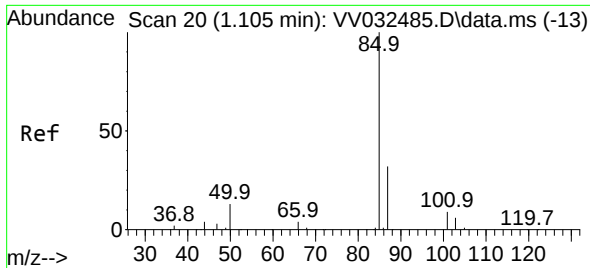
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	48055	5.200	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	68699	4.767	ug/L	98
30) Cyclohexane	4.587	56	62205	3.928	ug/L	99
31) Carbon tetrachloride	4.735	117	57353	4.703	ug/L	98
33) Benzene	5.011	78	175060	4.691	ug/L	100
34) Trichloroethene	5.834	95	43625	4.282	ug/L	94
35) Methylcyclohexane	6.053	83	58113	3.686	ug/L	91
37) 1,2-Dichloropropane	6.095	63	50678	5.077	ug/L	100
38) Bromodichloromethane	6.436	83	60594	5.109	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	63068	4.440	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	297219	47.056	ug/L	97
42) Toluene	7.317	91	196667	4.943	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	51837	4.441	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	34034	4.834	ug/L	98
47) Tetrachloroethene	7.908	164	34538	4.470	ug/L	99
48) 2-Hexanone	8.079	43	207537	46.570	ug/L	99
49) Dibromochloromethane	8.178	129	35570	4.852	ug/L	95
50) 1,2-Dibromoethane	8.284	107	30316	4.552	ug/L	96
51) Chlorobenzene	8.815	112	119996	4.685	ug/L	97
52) Ethylbenzene	8.950	91	204281	4.611	ug/L	99
53) m,p-Xylene	9.075	106	77378	4.709	ug/L	99
54) o-Xylene	9.480	106	73069	4.615	ug/L	100
55) Styrene	9.500	104	127703	4.776	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	40070	5.172	ug/L	100
59) Bromoform	9.670	173	18912	4.624	ug/L	99
60) Isopropylbenzene	9.870	105	201913	4.619	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	27376	4.573	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	152891	4.292	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	155949	4.397	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	96703	4.631	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	94967	4.533	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	87860	4.613	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6025	4.926	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.586	180	66485	4.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	55923	4.123	ug/L	99
71) Naphthalene	13.442	128	92601	4.019	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	51464	4.403	ug/L	98

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

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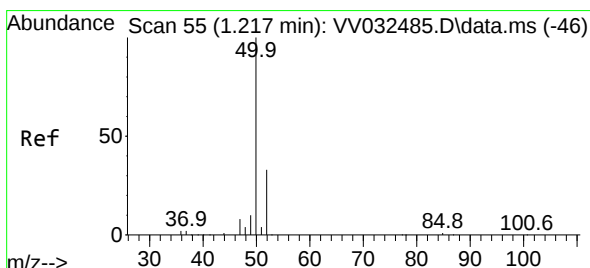
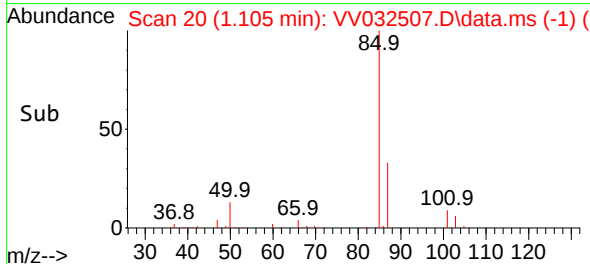
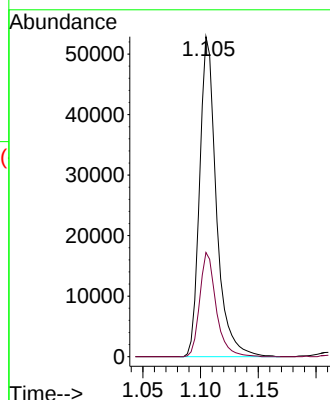
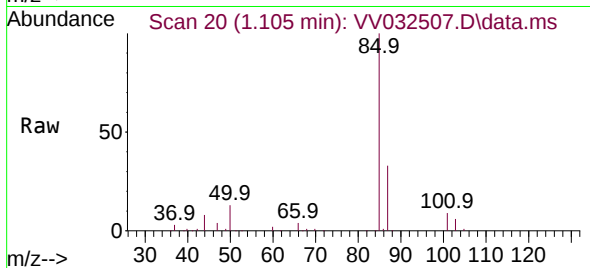




#2
 Dichlorodifluoromethane
 Concen: 4.751 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

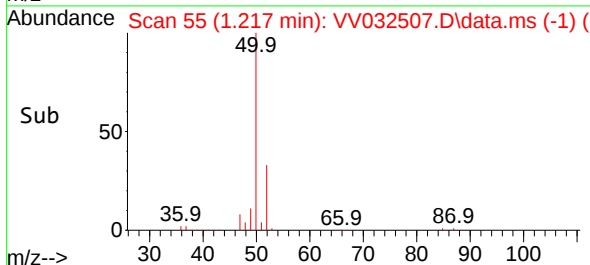
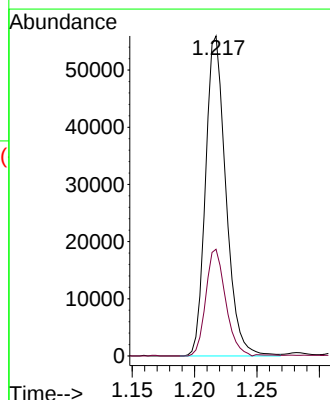
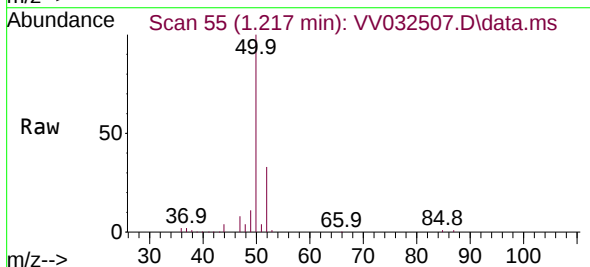
Instrument :
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 ClientSampleId :

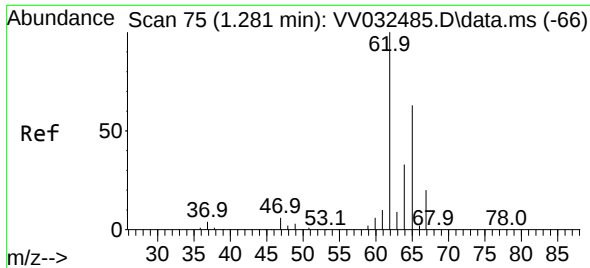
Tgt Ion: 85 Resp: 53416
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 5.607 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Tgt Ion: 50 Resp: 63546
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.6

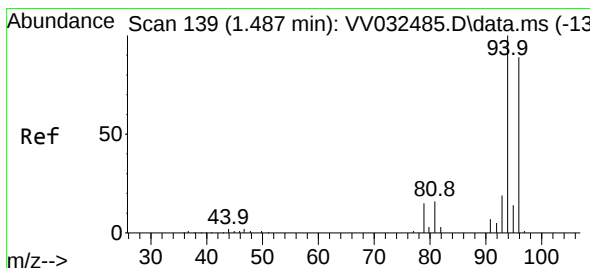
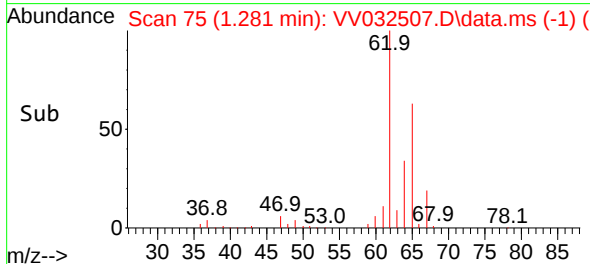
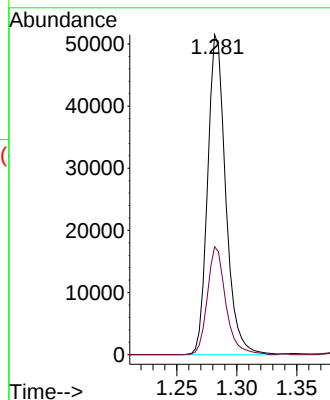
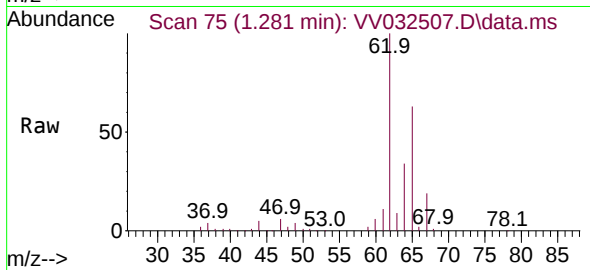




#5
 Vinyl chloride
 Concen: 5.004 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

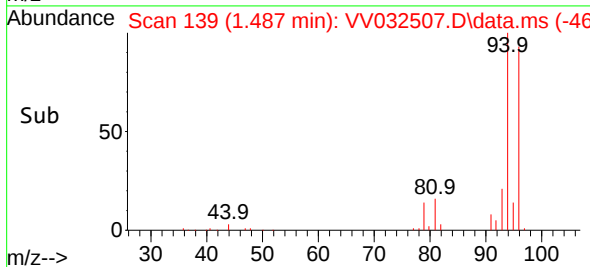
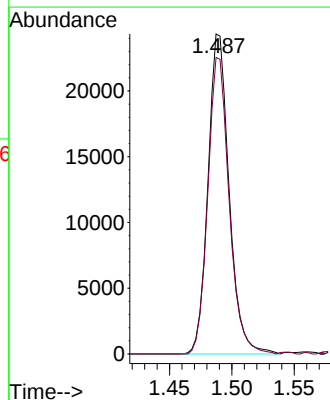
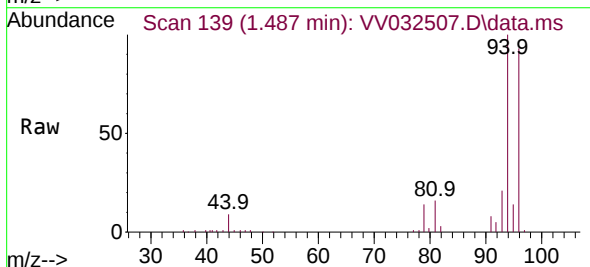
Instrument :
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 ClientSampleId :

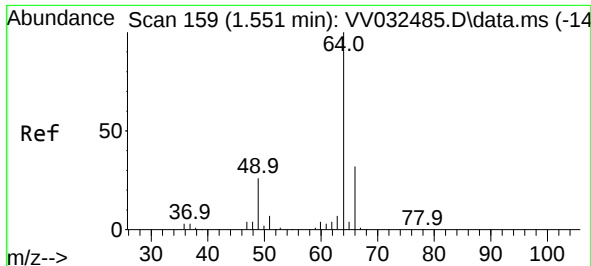
Tgt Ion: 62 Resp: 54093
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.395 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Tgt Ion: 94 Resp: 28697
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.8 124.2

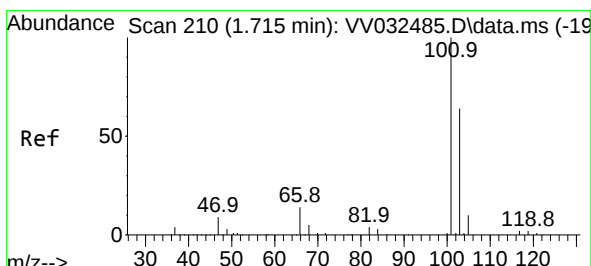
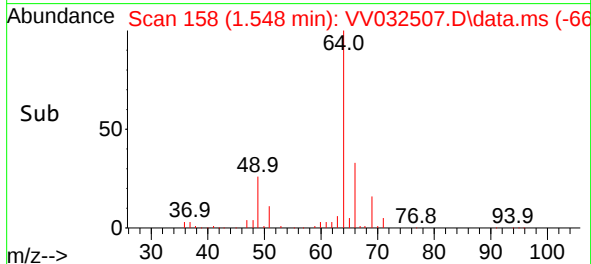
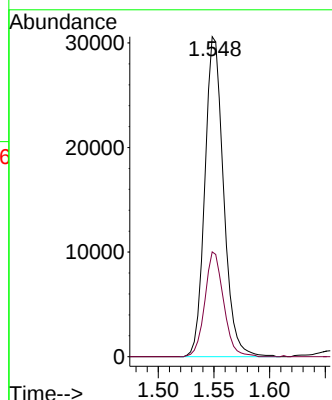
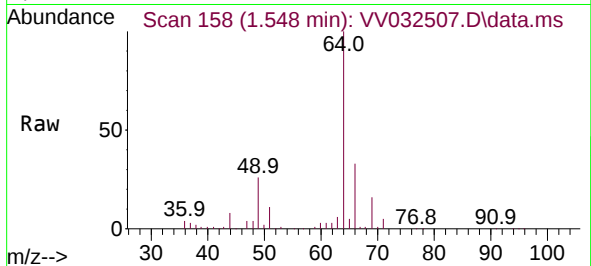




#8
Chloroethane
Concen: 5.505 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

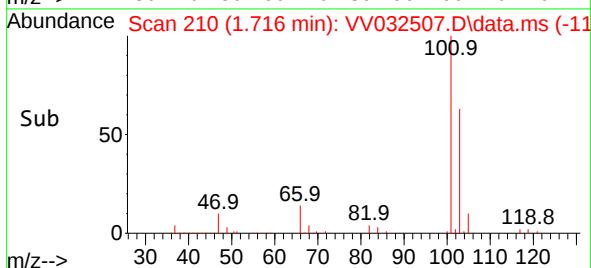
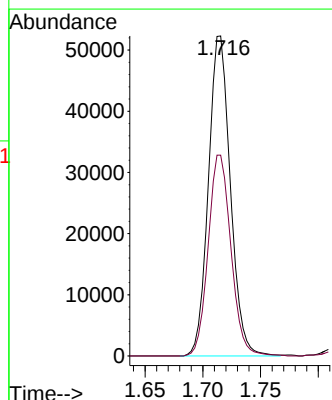
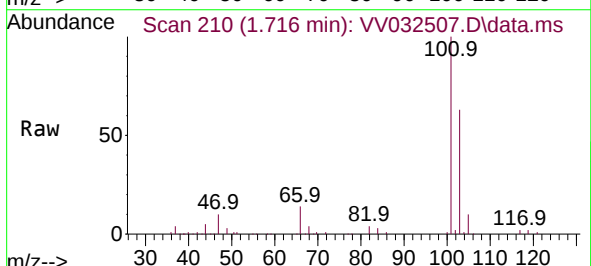
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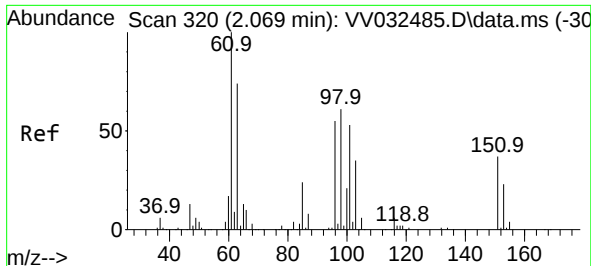
Tgt Ion: 64 Resp: 35823
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.348 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion:101 Resp: 69320
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2





#10

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

Concen: 5.293 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

ClientSampleId :

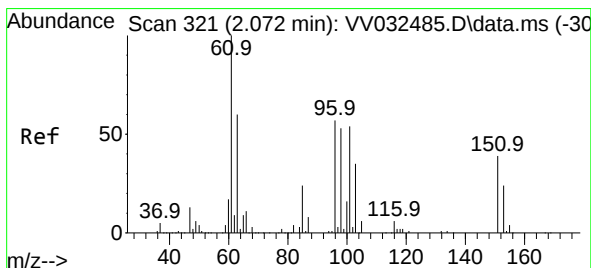
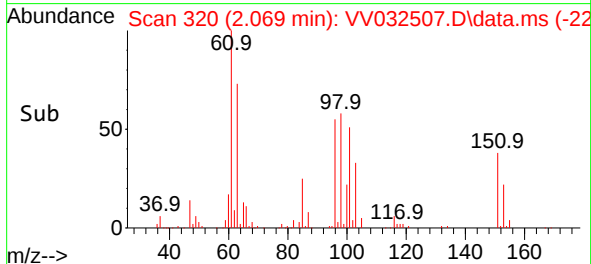
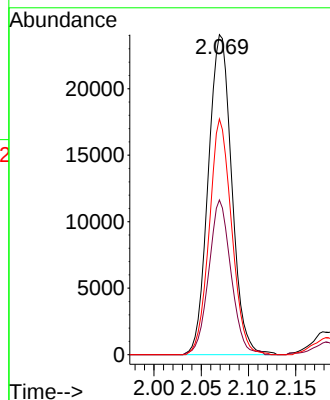
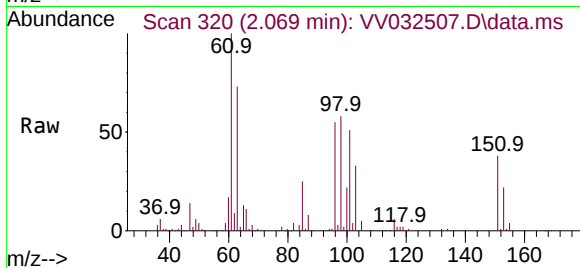
Tgt Ion:101 Resp: 41573

Ion Ratio Lower Upper

101 100

85 45.8 35.0 52.6

151 70.2 56.6 84.8



#12

1,1-Dichloroethene

Concen: 5.111 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

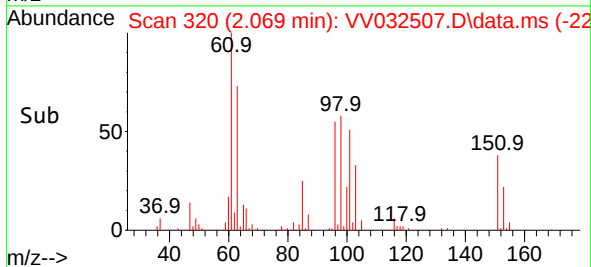
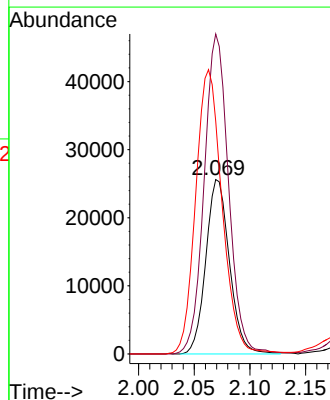
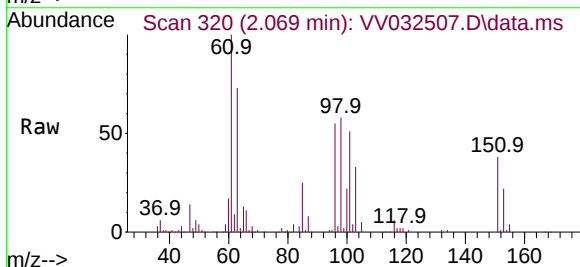
Tgt Ion: 96 Resp: 37818

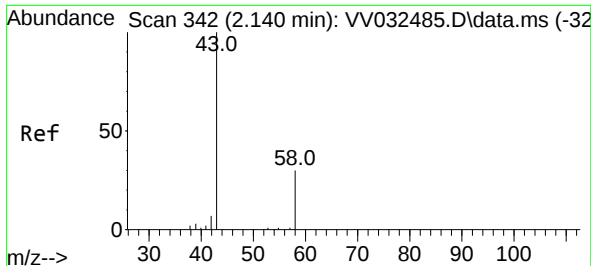
Ion Ratio Lower Upper

96 100

61 183.4 127.3 236.3

63 133.5 98.3 182.7





#13

Acetone

Concen: 45.500 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

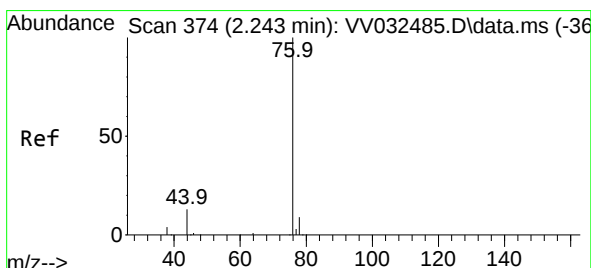
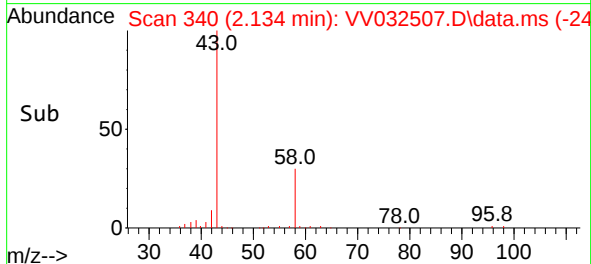
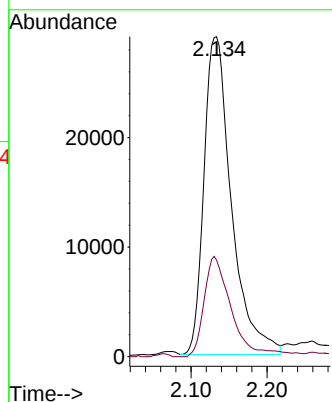
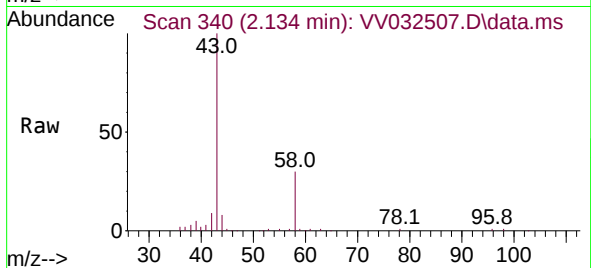
ClientSampleId :

Tgt Ion: 43 Resp: 72787

Ion Ratio Lower Upper

43 100

58 31.3 0.0 66.0



#14

Carbon disulfide

Concen: 4.199 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032507.D

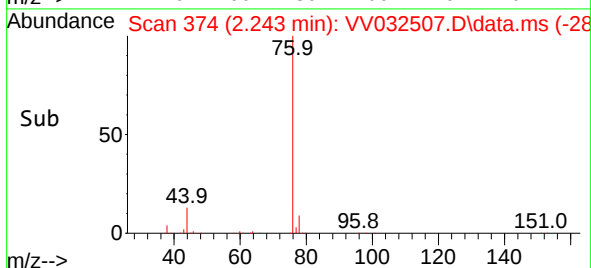
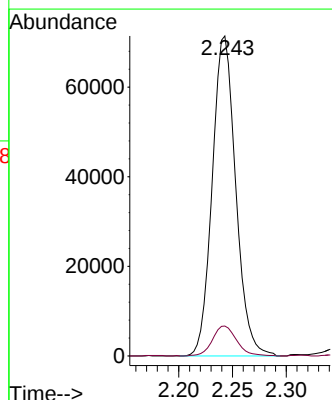
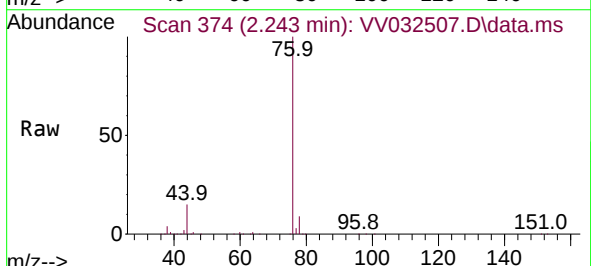
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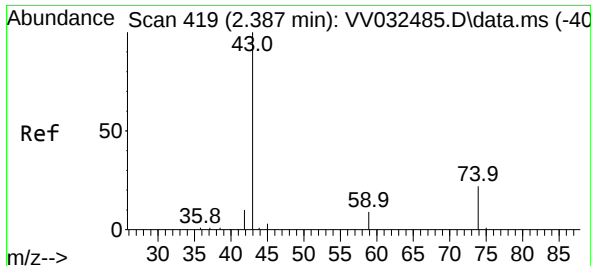
Tgt Ion: 76 Resp: 108613

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

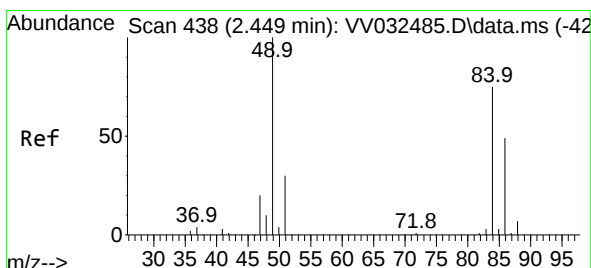
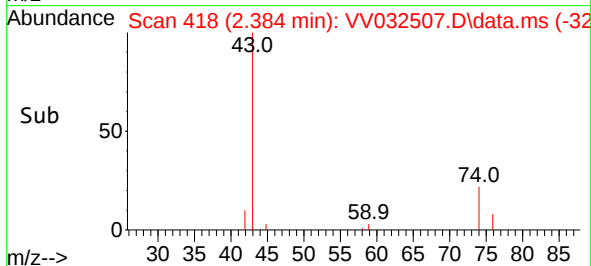
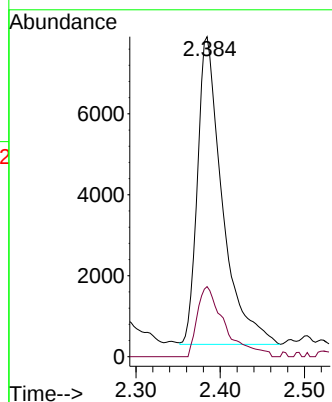
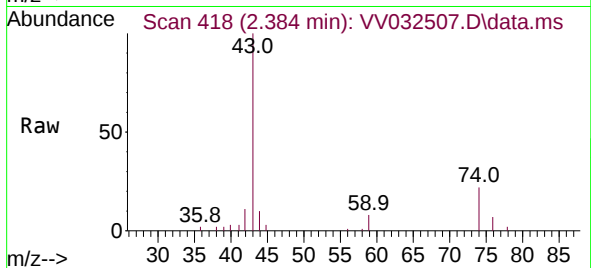




#15
Methyl Acetate
Concen: 4.326 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

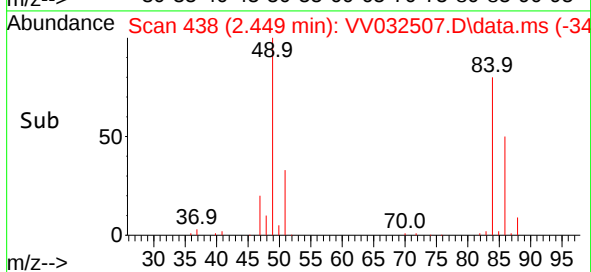
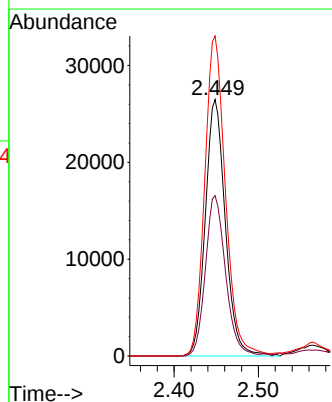
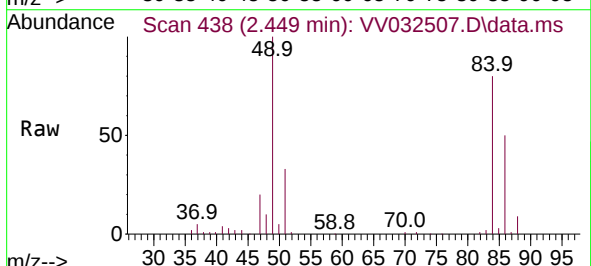
Instrument :
MSVOA_V
ClientSampleId :

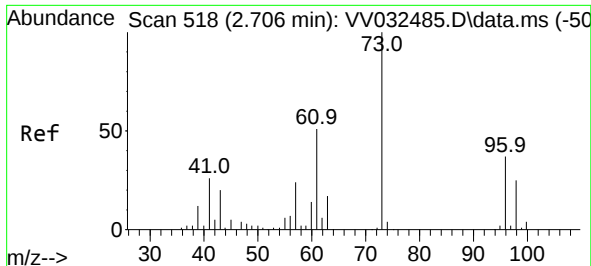
Tgt Ion: 43 Resp: 15579
Ion Ratio Lower Upper
43 100
74 25.2 18.0 27.0



#16
Methylene chloride
Concen: 4.547 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

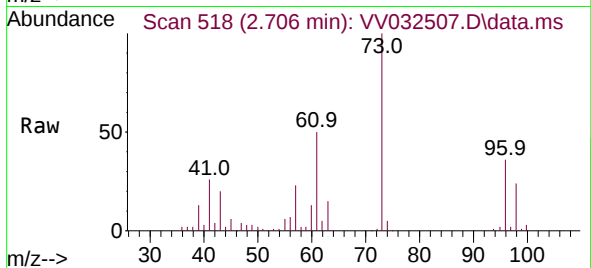
Tgt Ion: 84 Resp: 43857
Ion Ratio Lower Upper
84 100
86 62.5 43.2 80.2
49 124.7 86.3 160.3





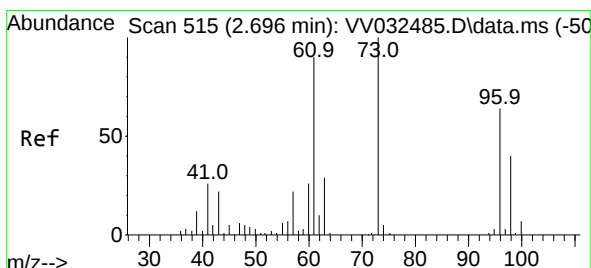
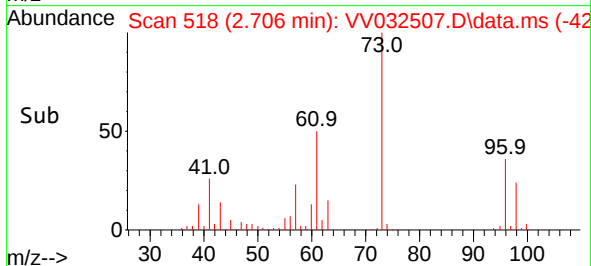
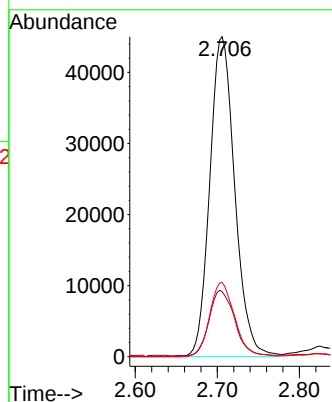
#17
Methyl tert-butyl Ether
Concen: 4.730 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 95277

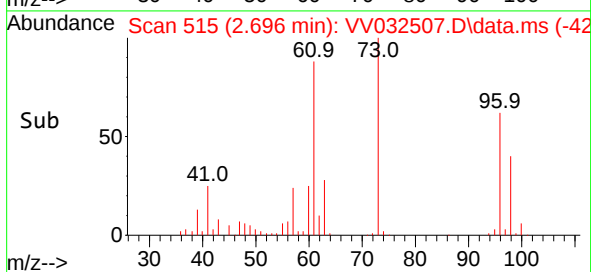
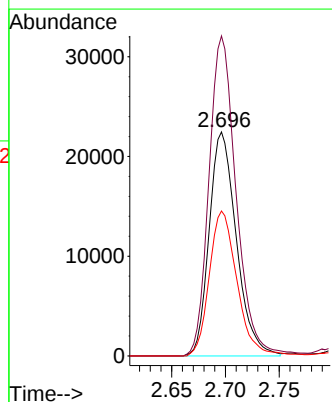
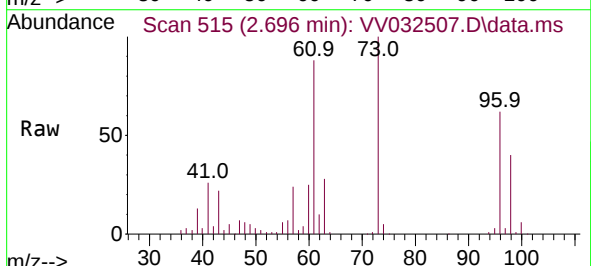
Ion	Ratio	Lower	Upper
73	100		
43	20.8	15.1	22.7
57	23.3	18.3	27.5

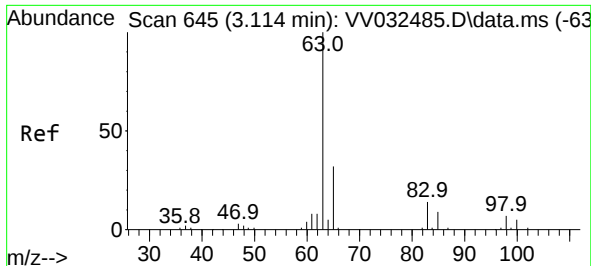


#18
trans-1,2-Dichloroethene
Concen: 4.661 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion: 96 Resp: 39499

Ion	Ratio	Lower	Upper
96	100		
61	142.9	96.9	180.1
98	64.7	45.3	84.1





#19

1,1-Dichloroethane

Concen: 5.028 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

ClientSampleId :

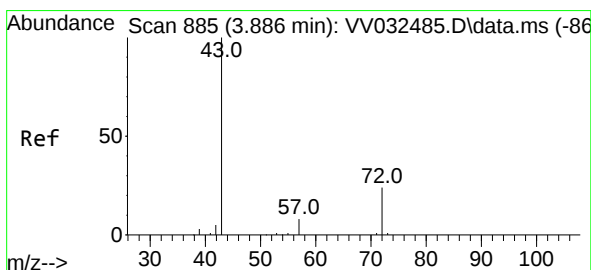
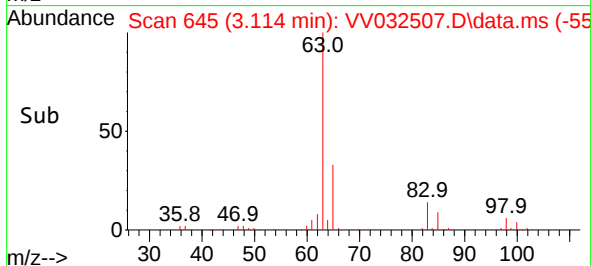
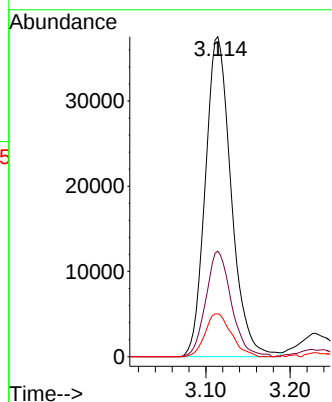
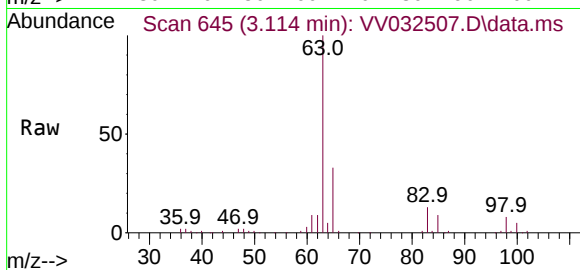
Tgt Ion: 63 Resp: 80162

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

83 13.4 9.0 16.6



#21

2-Butanone

Concen: 43.179 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.003 min

Lab File: VV032507.D

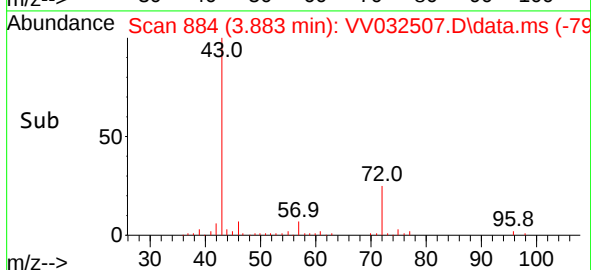
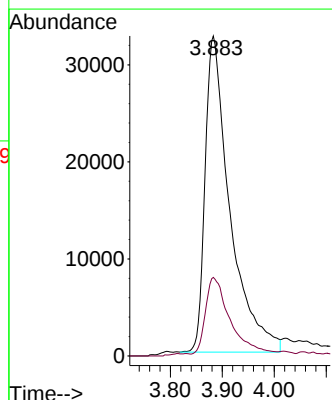
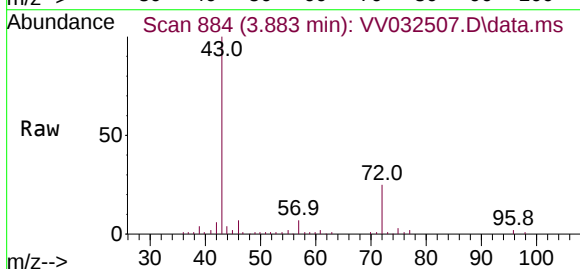
Acq: 19 Oct 2023 19:18

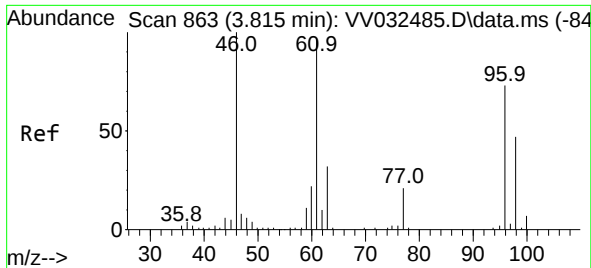
Tgt Ion: 43 Resp: 108016

Ion Ratio Lower Upper

43 100

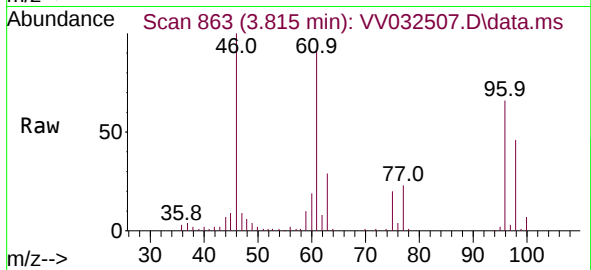
72 23.8 11.6 34.8





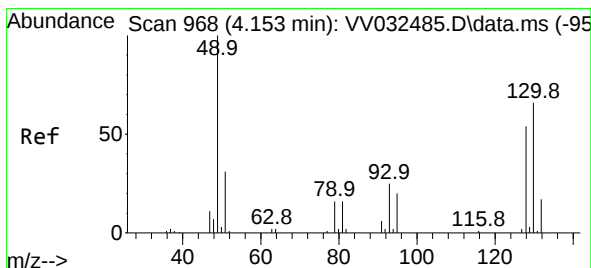
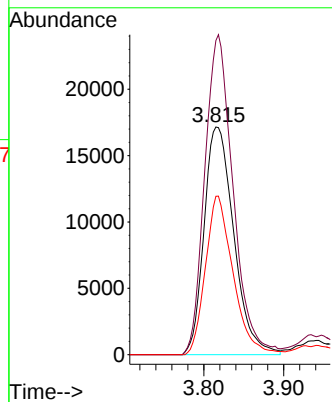
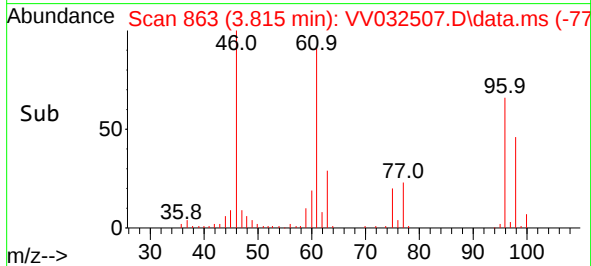
#22
 cis-1,2-Dichloroethene
 Concen: 4.870 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 44435

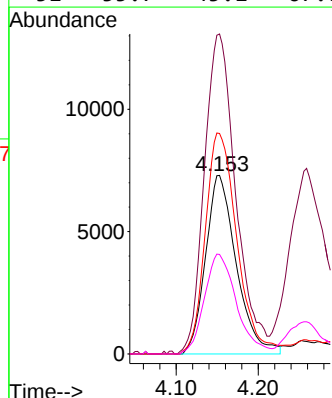
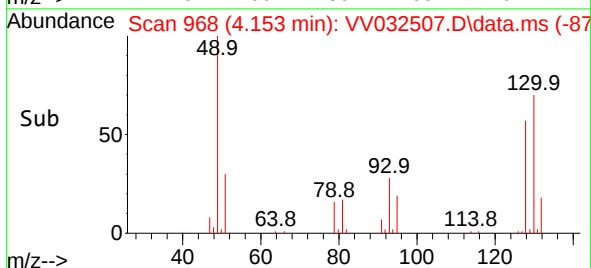
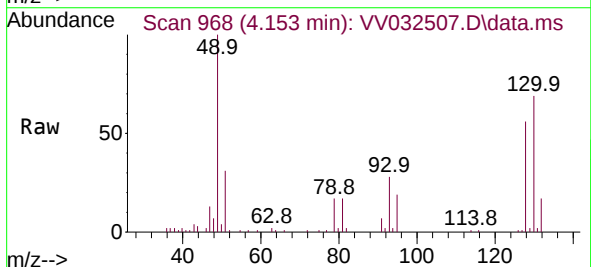
Ion	Ratio	Lower	Upper
96	100		
61	137.9	85.8	159.4
98	69.6	44.0	81.6

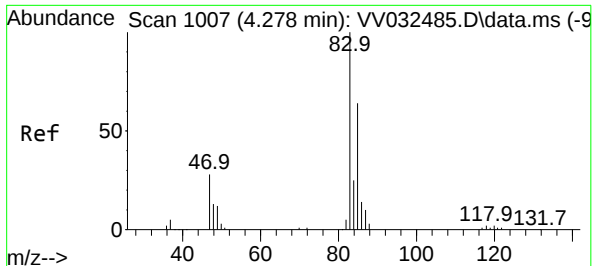


#23
 Bromochloromethane
 Concen: 4.951 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Tgt Ion: 128 Resp: 19007

Ion	Ratio	Lower	Upper
128	100		
49	179.2	121.2	225.0
130	123.5	88.2	163.8
51	55.7	45.1	67.7





#25

Chloroform

Concen: 5.331 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

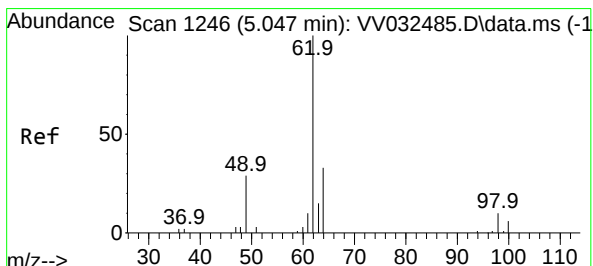
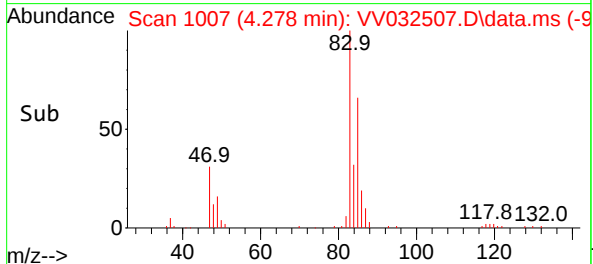
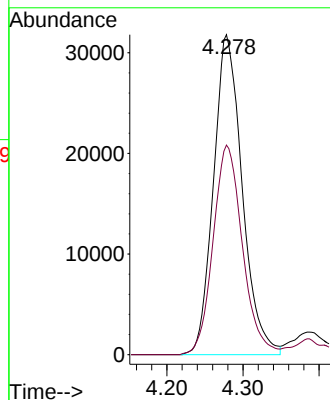
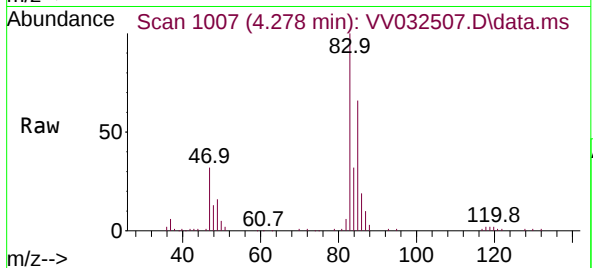
ClientSampleId :

Tgt Ion: 83 Resp: 83388

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.200 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV032507.D

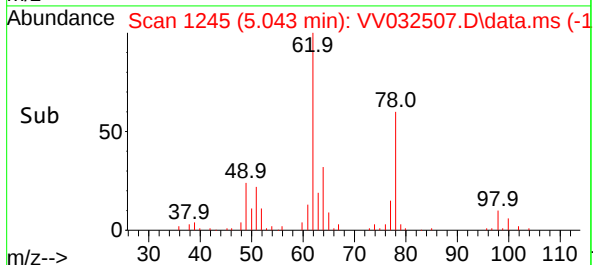
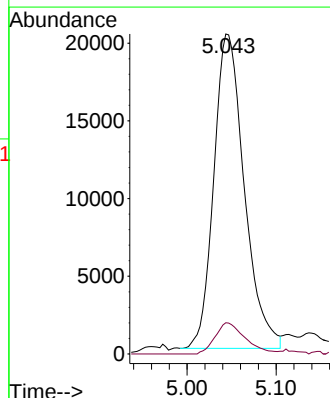
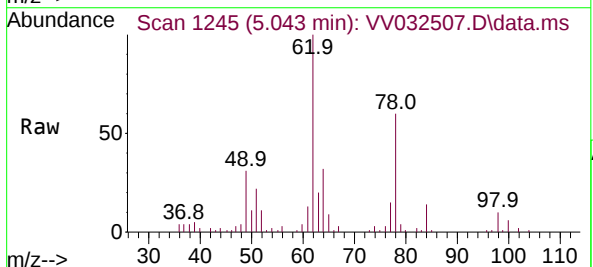
Acq: 19 Oct 2023 19:18

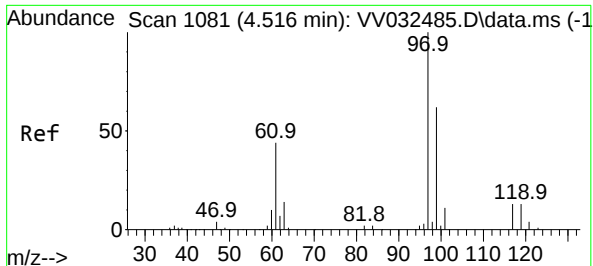
Tgt Ion: 62 Resp: 48055

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.767 ug/L

RT: 4.513 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

ClientSampleId :

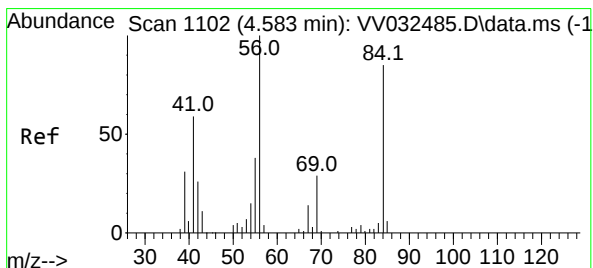
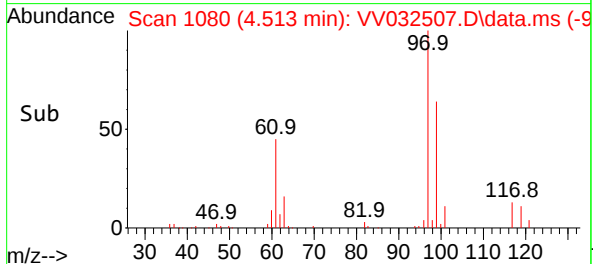
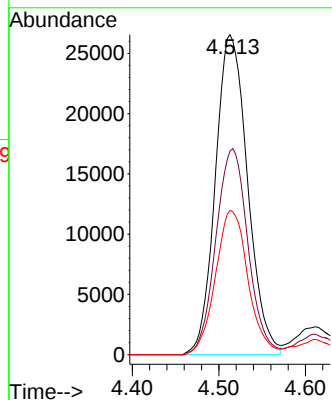
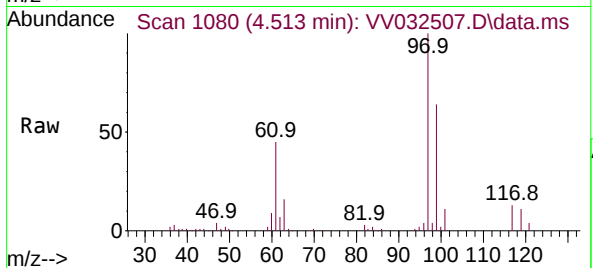
Tgt Ion: 97 Resp: 68699

Ion Ratio Lower Upper

97 100

99 64.2 50.1 75.1

61 45.5 35.1 52.7



#30

Cyclohexane

Concen: 3.928 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

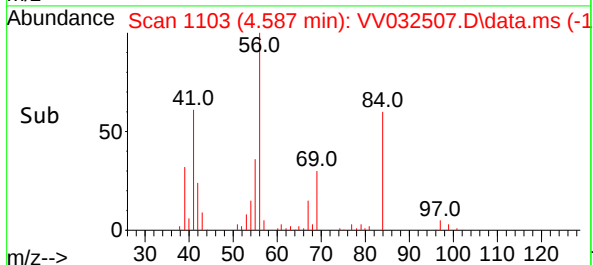
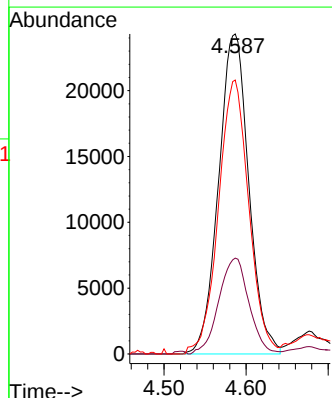
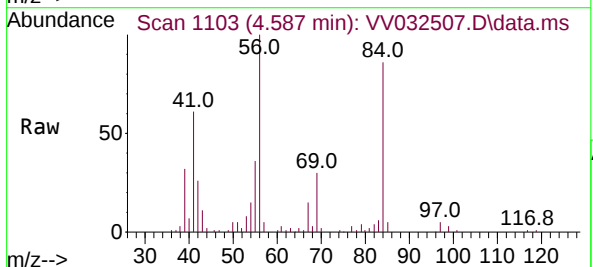
Tgt Ion: 56 Resp: 62205

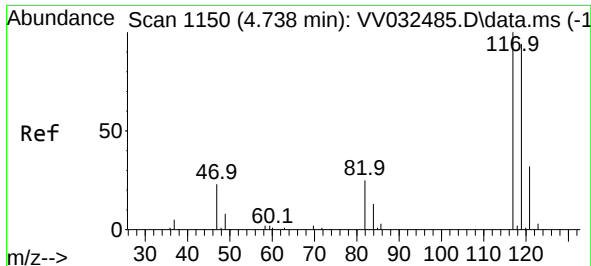
Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

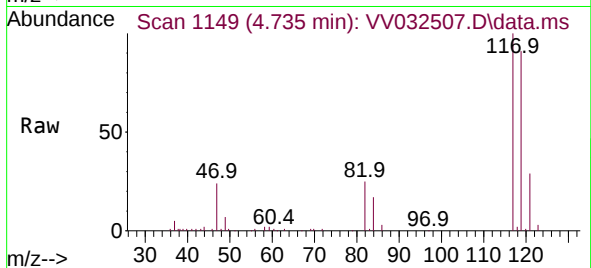
84 85.9 68.1 102.1



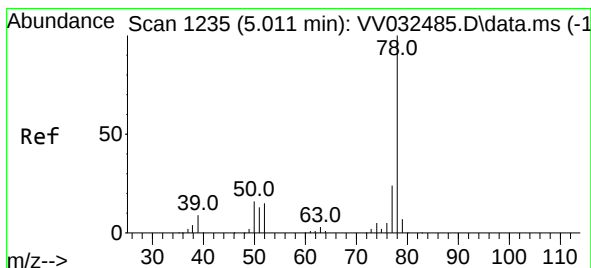
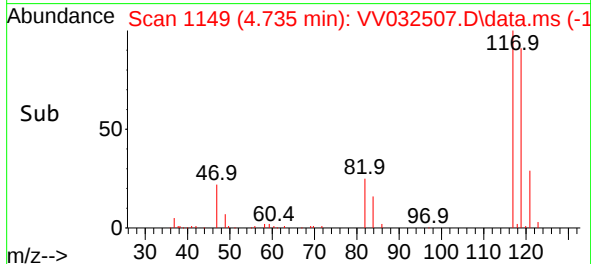
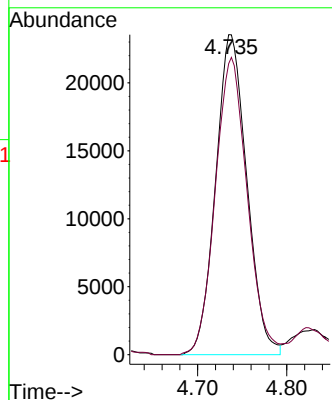


#31
Carbon tetrachloride
Concen: 4.703 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :

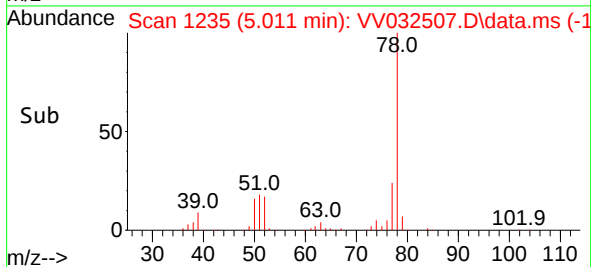
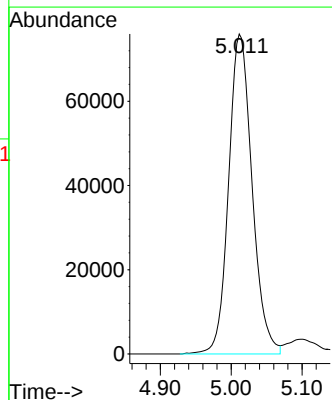
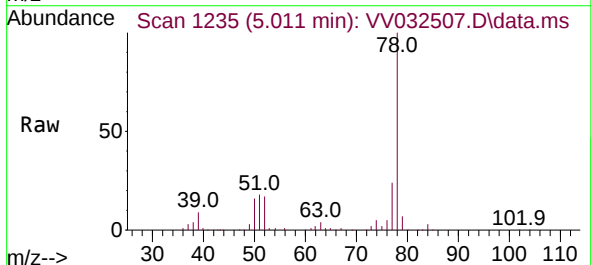


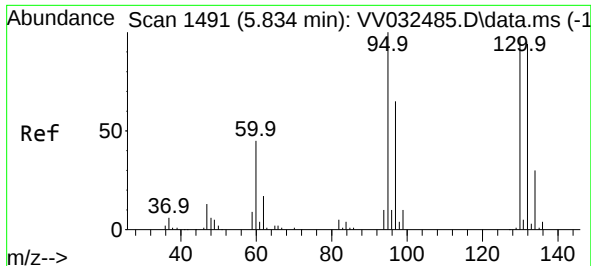
Tgt Ion:117 Resp: 57353
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4



#33
Benzene
Concen: 4.691 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

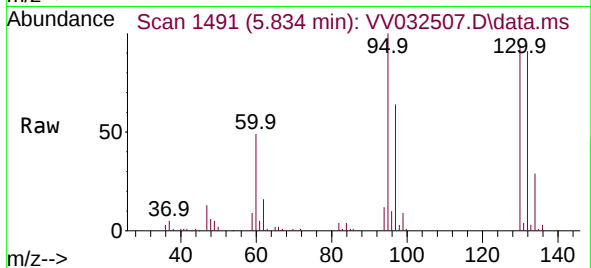
Tgt Ion: 78 Resp: 175060





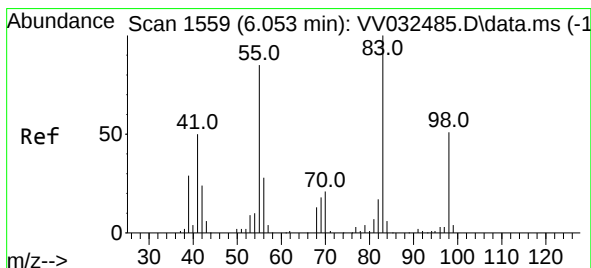
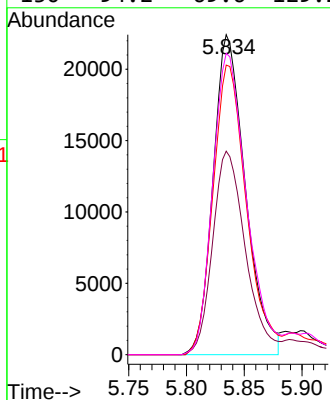
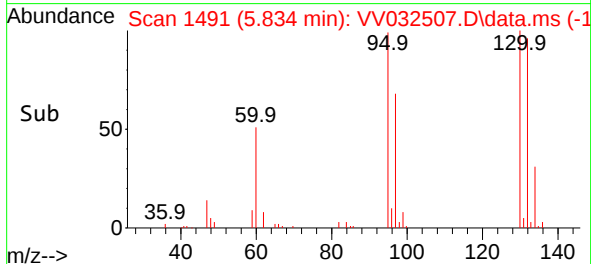
#34
Trichloroethene
Concen: 4.282 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 43625

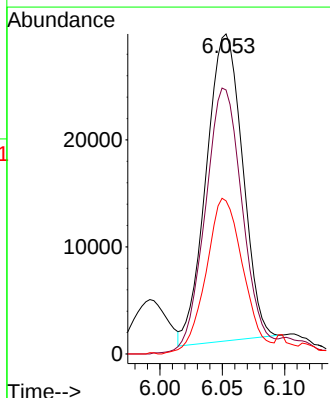
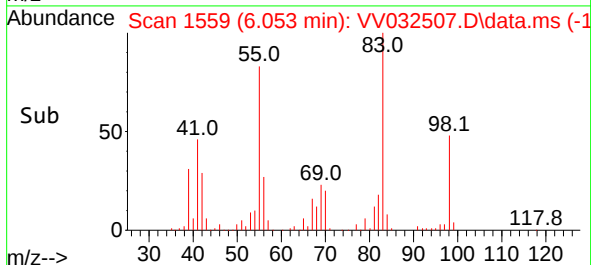
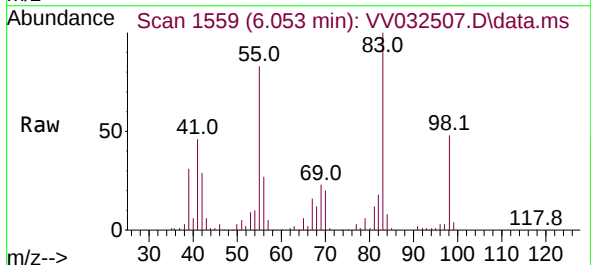
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.7	84.9
132	90.5	70.3	130.5
130	94.2	69.6	129.2

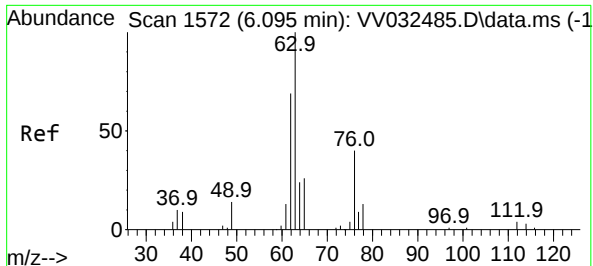


#35
Methylcyclohexane
Concen: 3.686 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion: 83 Resp: 58113

Ion	Ratio	Lower	Upper
83	100		
55	90.4	64.2	96.2
98	52.2	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.077 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

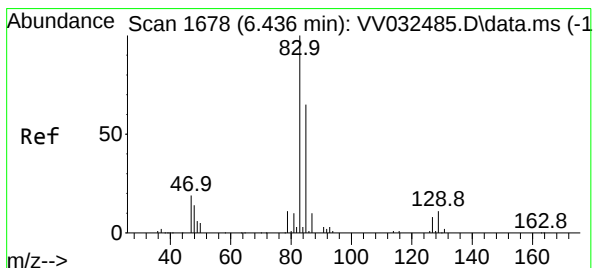
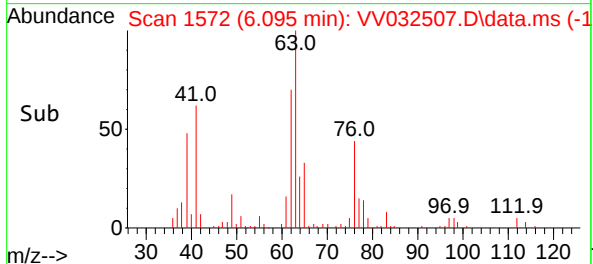
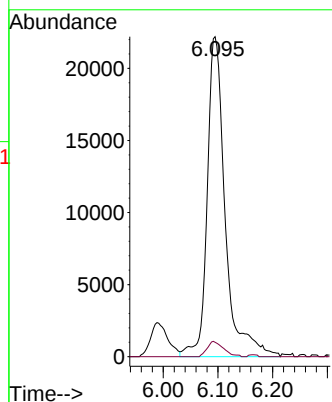
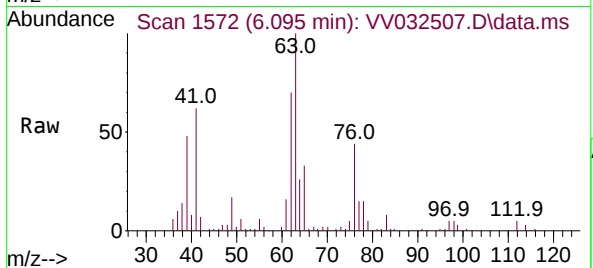
ClientSampleId :

Tgt Ion: 63 Resp: 50678

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 5.109 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

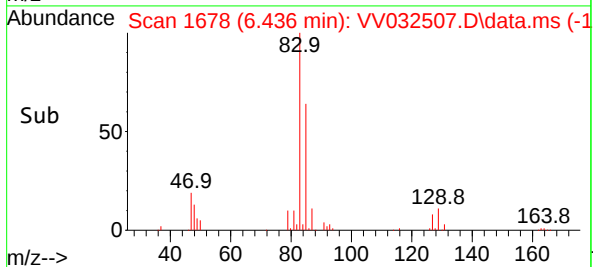
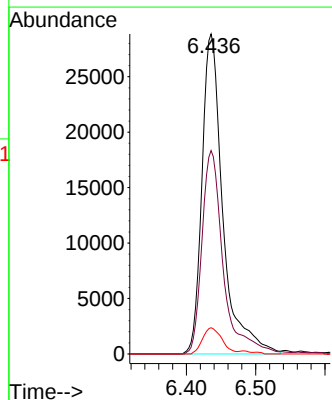
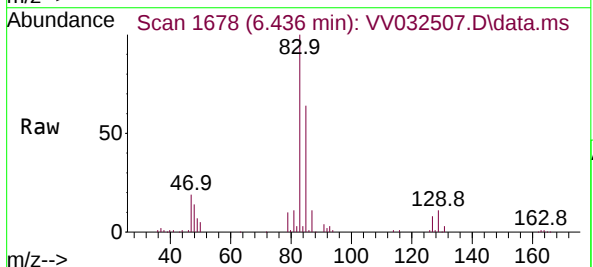
Tgt Ion: 83 Resp: 60594

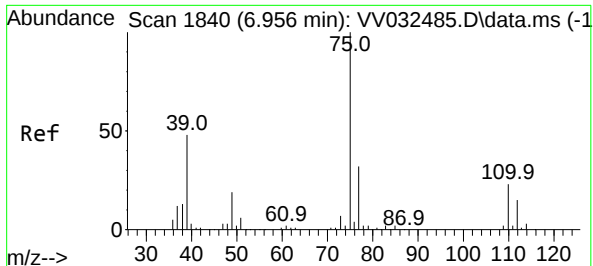
Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.3

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.440 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

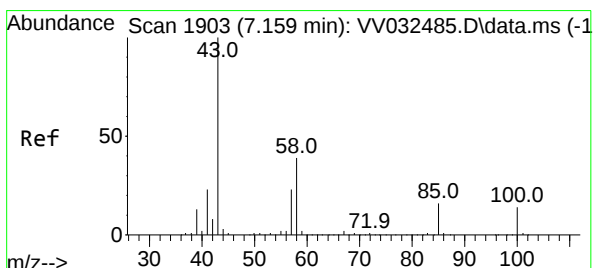
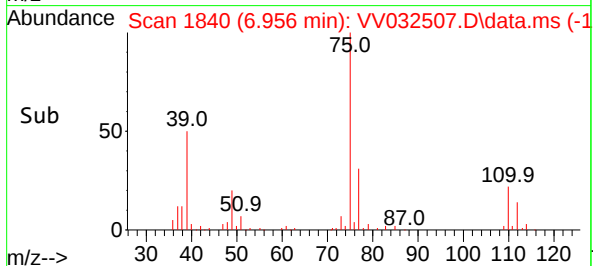
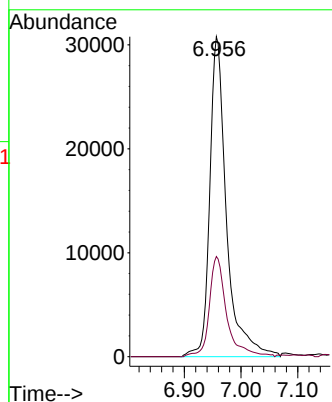
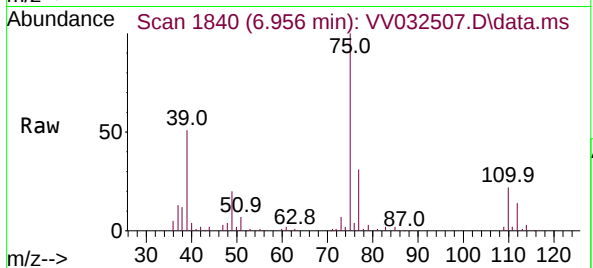
ClientSampleId :

Tgt Ion: 75 Resp: 63068

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 47.056 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

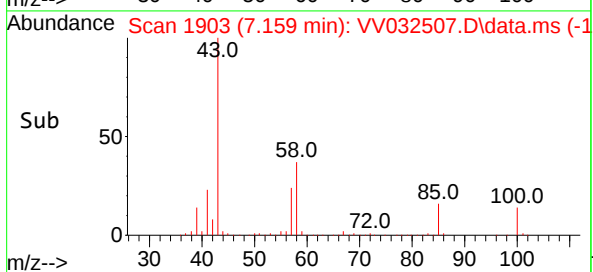
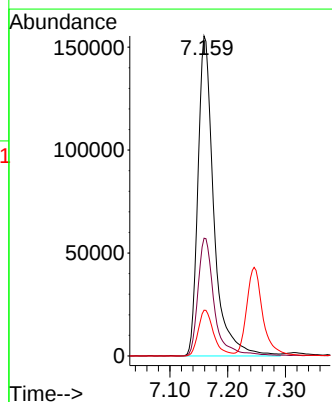
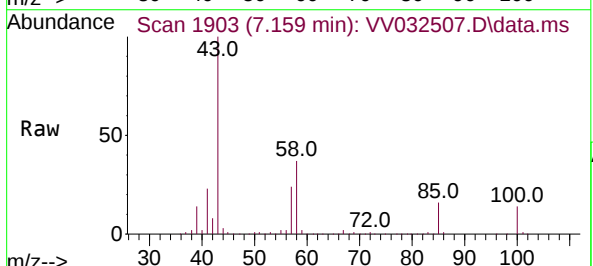
Tgt Ion: 43 Resp: 297219

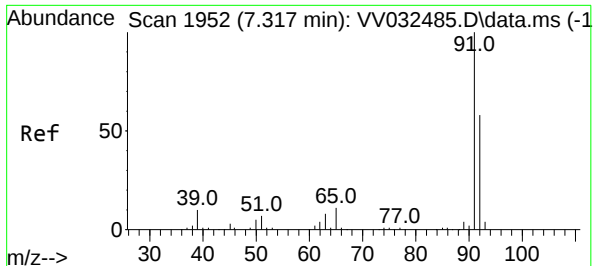
Ion Ratio Lower Upper

43 100

58 37.8 31.9 47.9

100 14.0 11.3 16.9





#42

Toluene

Concen: 4.943 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

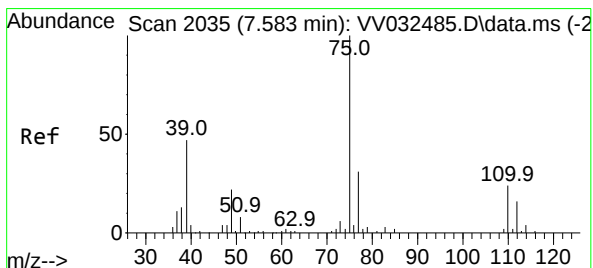
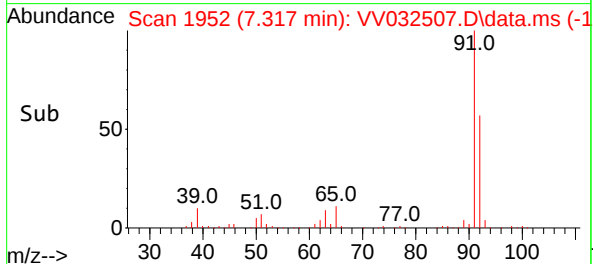
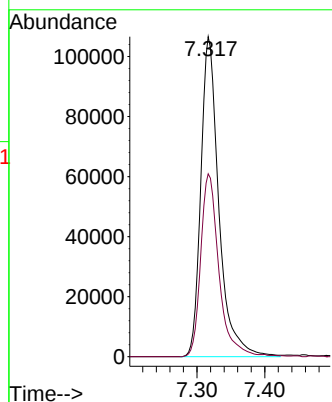
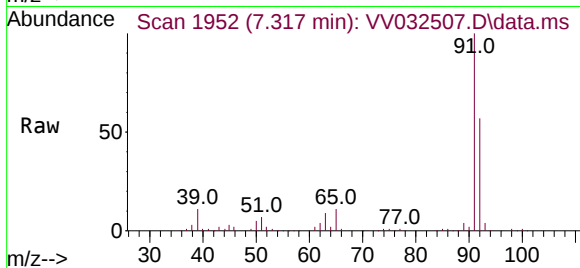
ClientSampleId :

Tgt Ion: 91 Resp: 196667

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.441 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032507.D

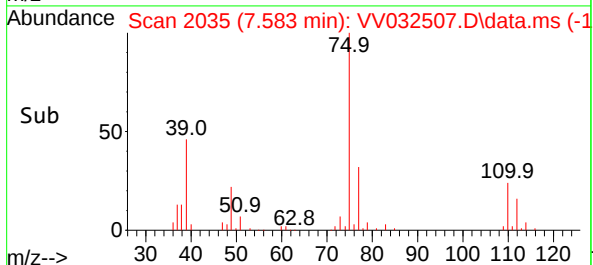
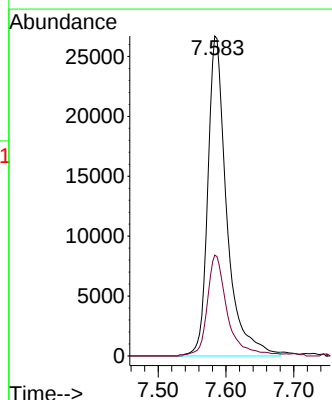
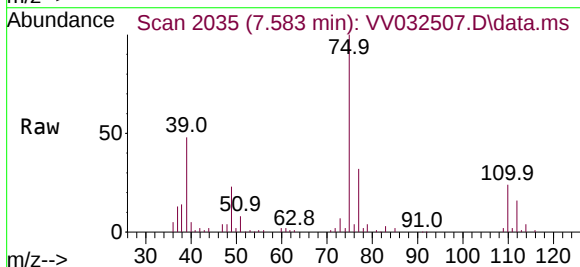
Acq: 19 Oct 2023 19:18

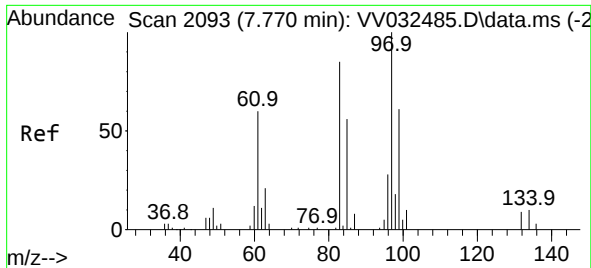
Tgt Ion: 75 Resp: 51837

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7

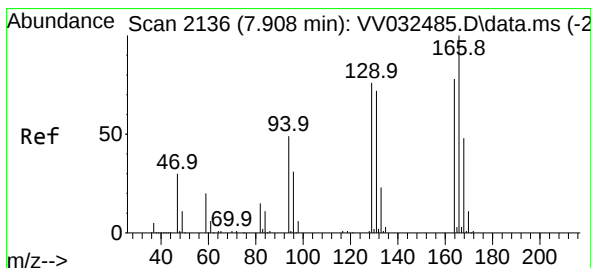
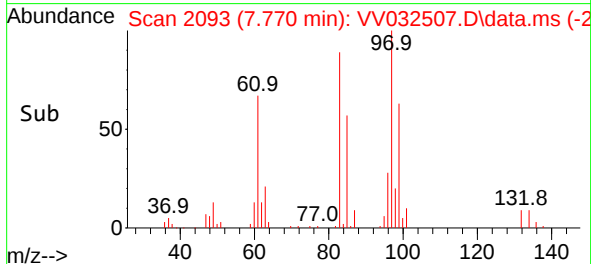
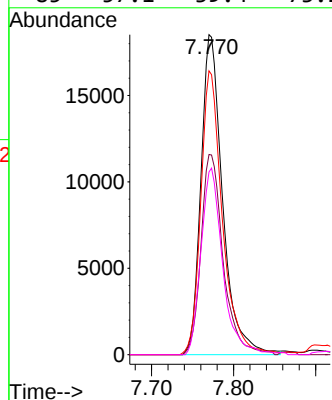
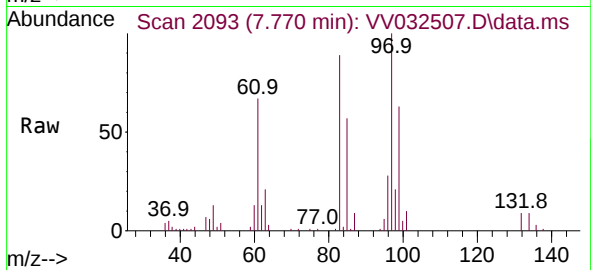




#45
1,1,2-Trichloroethane
Concen: 4.834 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

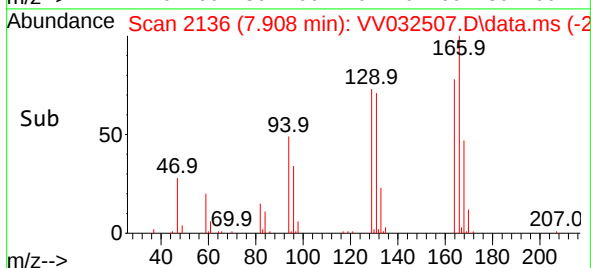
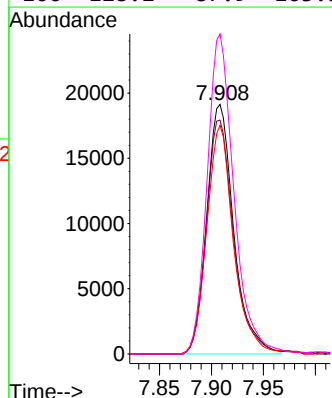
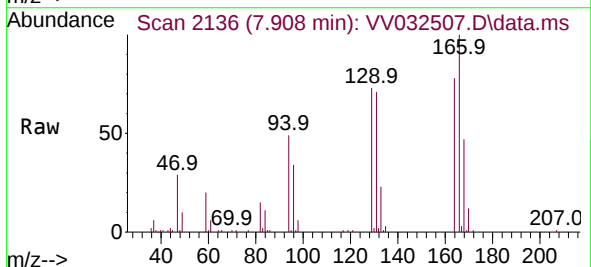
Instrument :
MSVOA_V
ClientSampleId :

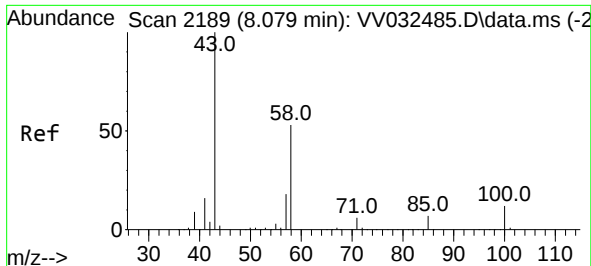
Tgt Ion:	97	Resp:	34034
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.8	79.4
83	88.7	60.9	113.1
85	57.1	39.4	73.2



#47
Tetrachloroethene
Concen: 4.470 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion:	164	Resp:	34538
Ion	Ratio	Lower	Upper
164	100		
129	93.7	66.4	123.4
131	91.6	63.7	118.3
166	128.2	87.9	163.3

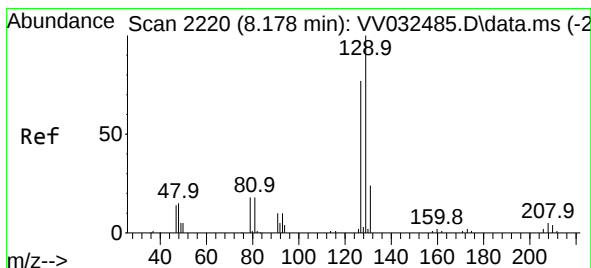
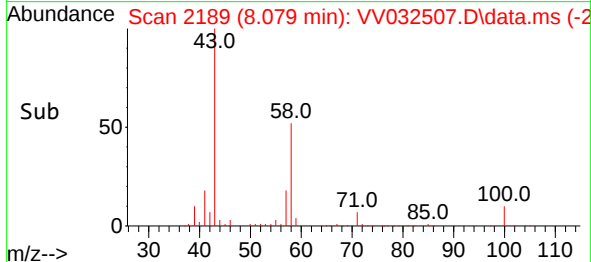
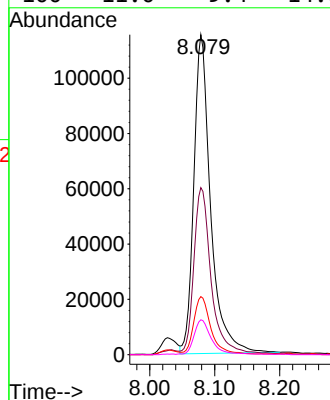
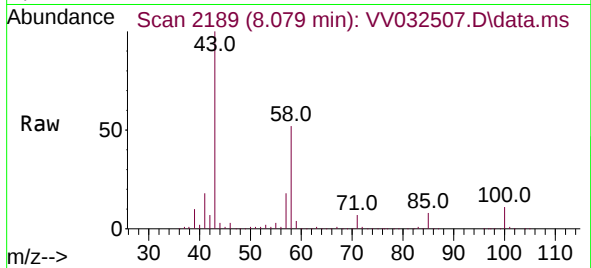




#48
2-Hexanone
Concen: 46.570 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

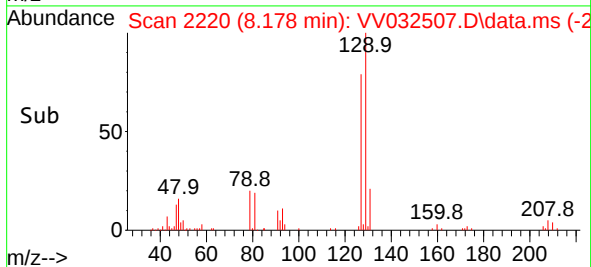
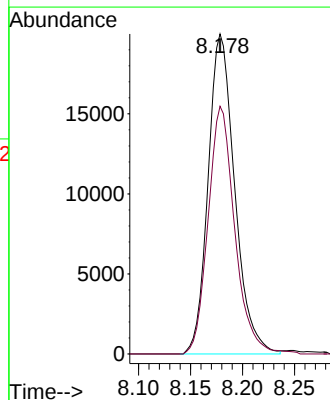
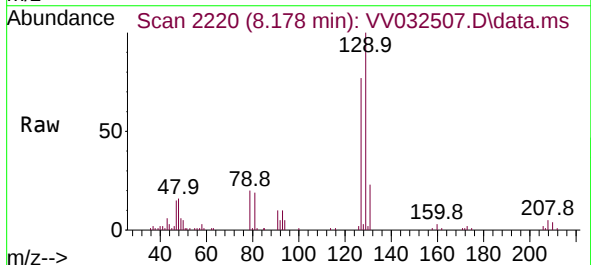
Instrument :
MSVOA_V
ClientSampleId :

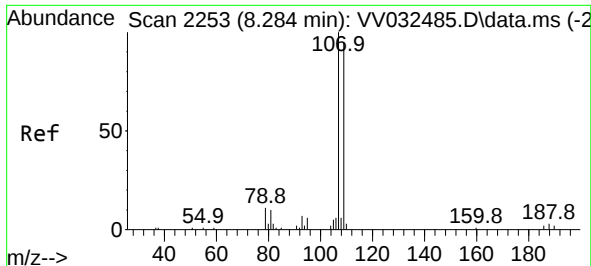
Tgt Ion: 43 Resp: 207537
Ion Ratio Lower Upper
43 100
58 53.5 43.6 65.4
57 18.2 14.6 22.0
100 11.0 9.4 14.0



#49
Dibromochloromethane
Concen: 4.852 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion: 129 Resp: 35570
Ion Ratio Lower Upper
129 100
127 77.4 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.552 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

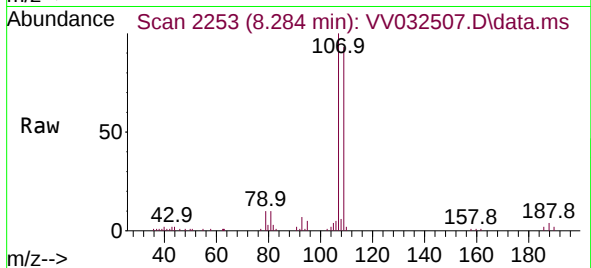
Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

ClientSampleId :



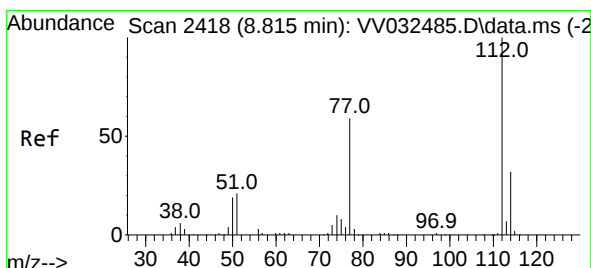
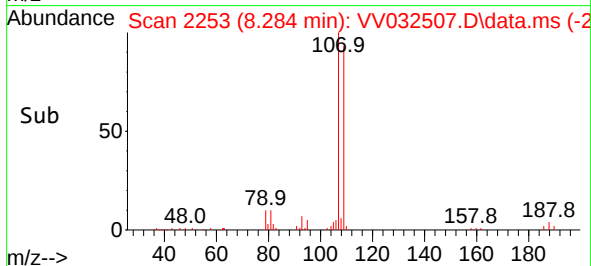
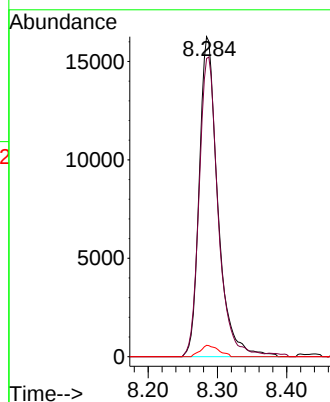
Tgt Ion:107 Resp: 30316

Ion Ratio Lower Upper

107 100

109 93.2 68.4 127.0

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 4.685 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

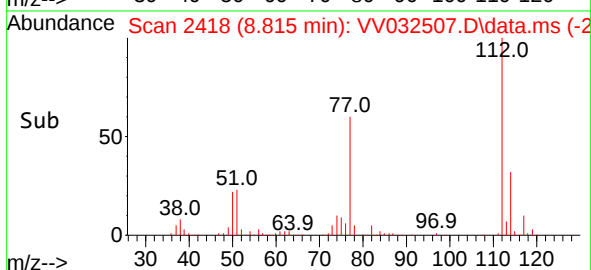
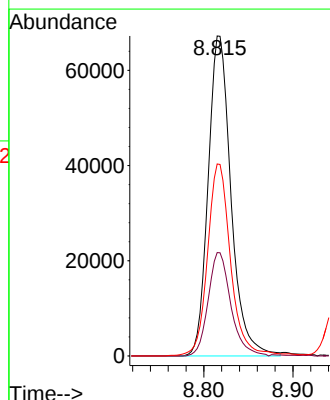
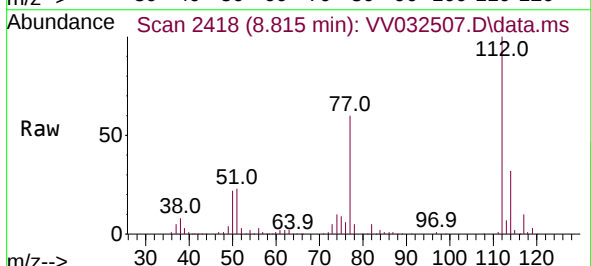
Tgt Ion:112 Resp: 119996

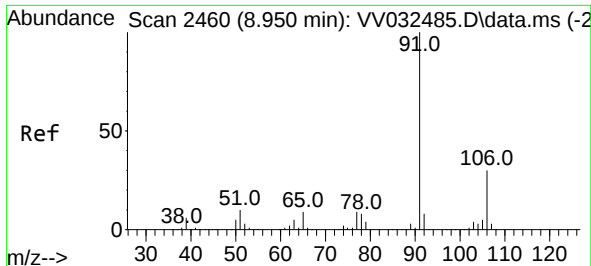
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 60.0 46.1 69.1





#52

Ethylbenzene

Concen: 4.611 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

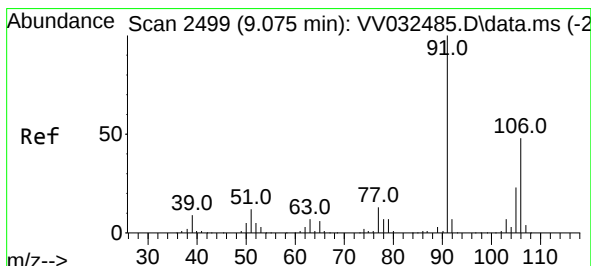
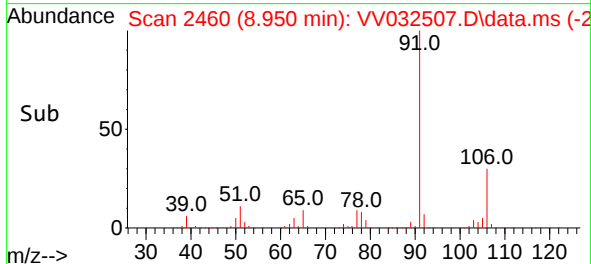
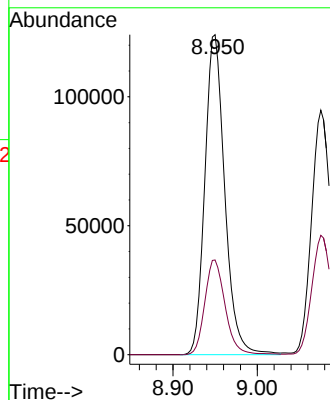
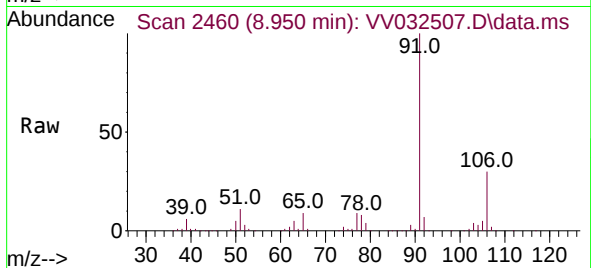
ClientSampleId :

Tgt Ion: 91 Resp: 204281

Ion Ratio Lower Upper

91 100

106 29.6 21.3 39.5



#53

m,p-Xylene

Concen: 4.709 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032507.D

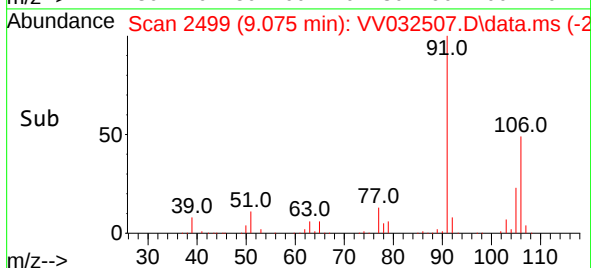
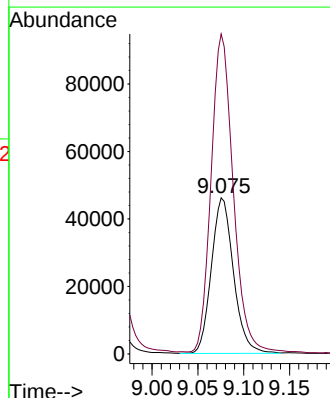
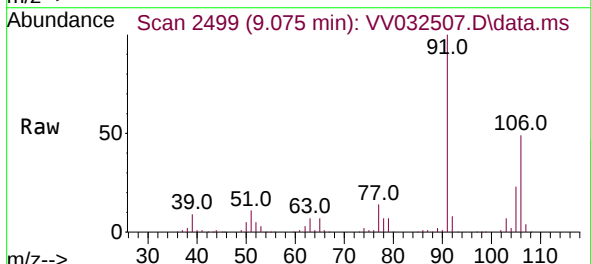
Acq: 19 Oct 2023 19:18

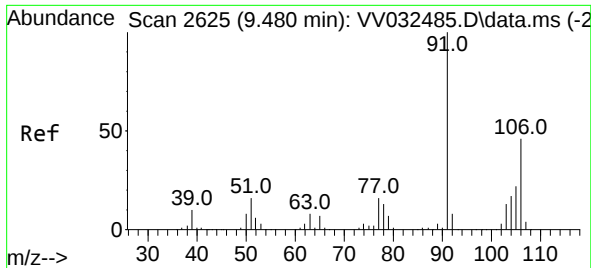
Tgt Ion: 106 Resp: 77378

Ion Ratio Lower Upper

106 100

91 204.8 144.5 268.3

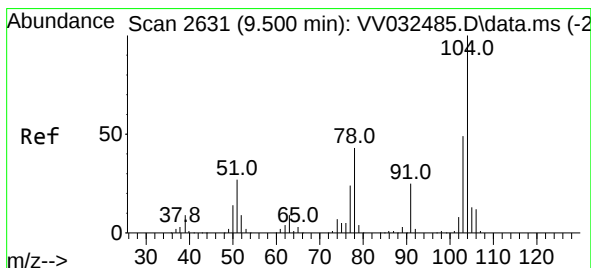
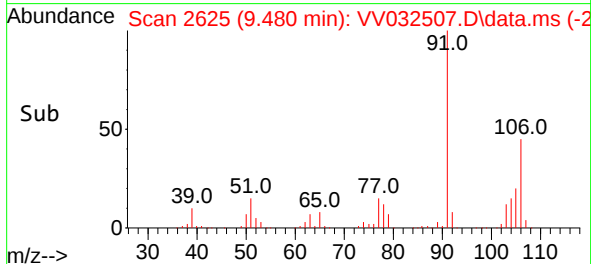
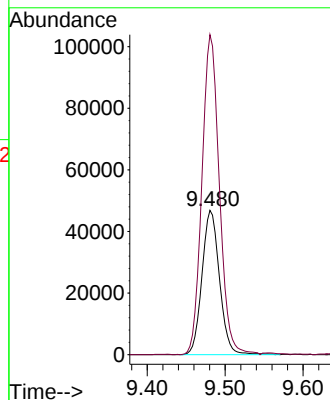
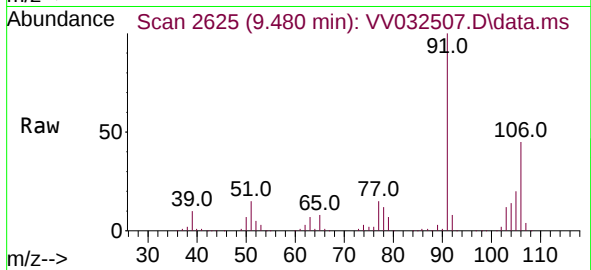




#54
o-Xylene
Concen: 4.615 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

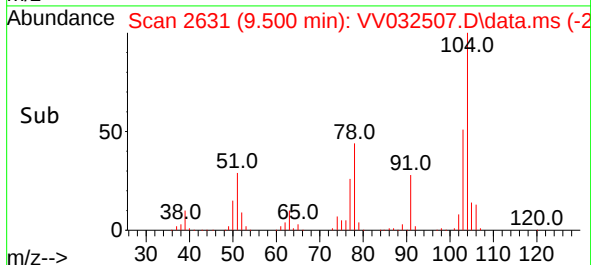
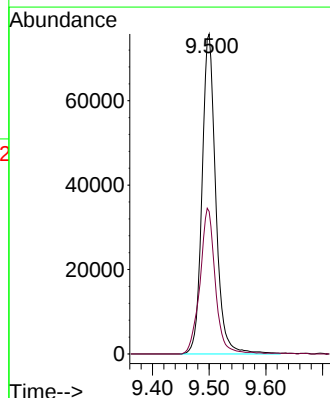
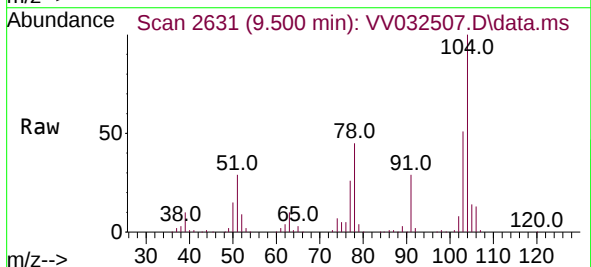
Instrument :
MSVOA_V
ClientSampleId :

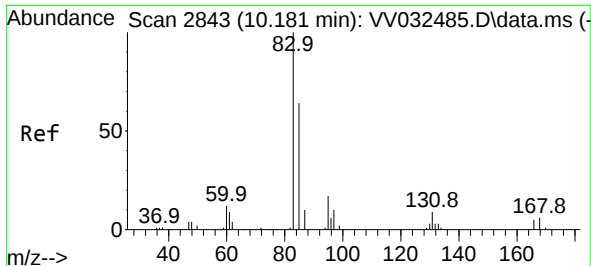
Tgt Ion:106 Resp: 73069
Ion Ratio Lower Upper
106 100
91 221.8 154.8 287.4



#55
Styrene
Concen: 4.776 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion:104 Resp: 127703
Ion Ratio Lower Upper
104 100
78 44.5 29.9 55.5

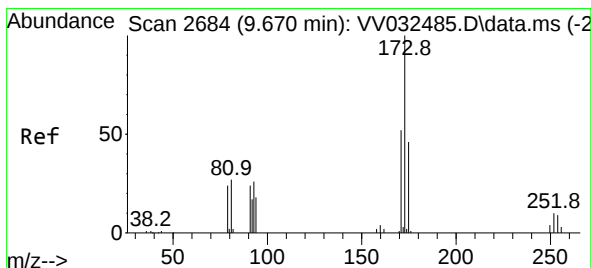
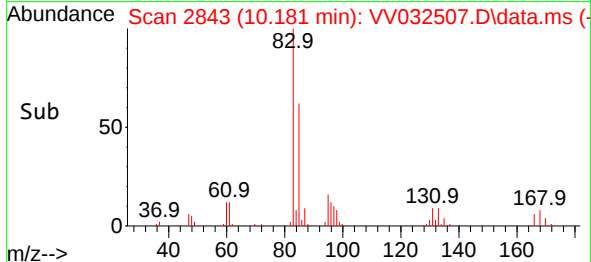
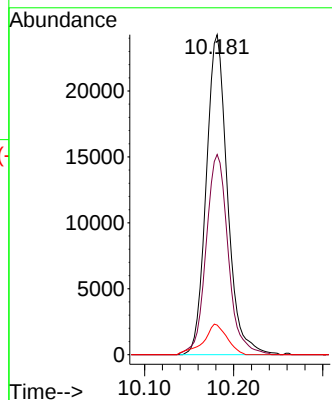
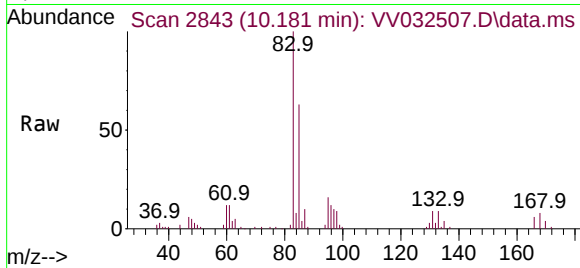




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.172 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

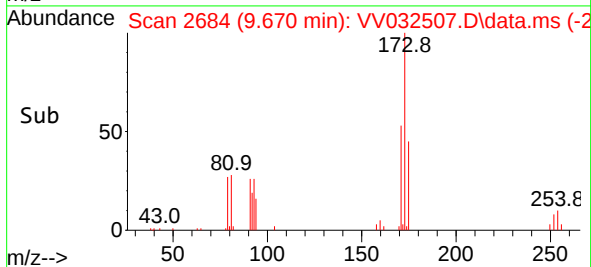
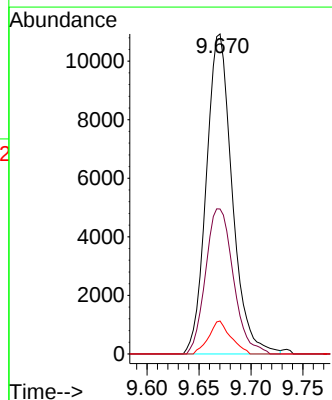
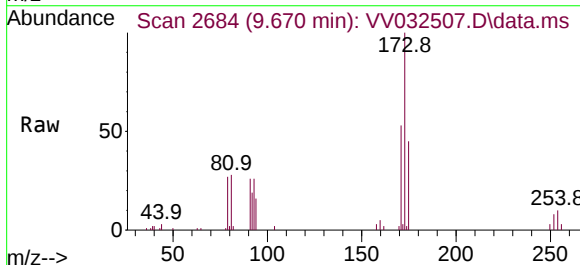
Instrument :
 MSVOA_V
 ClientSampleId :

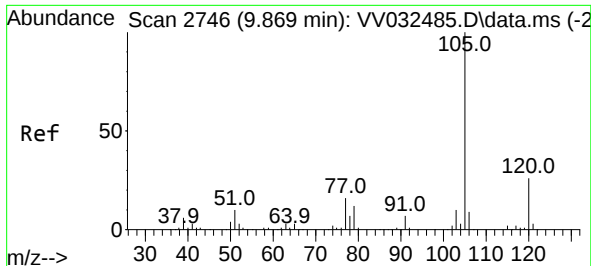
Tgt Ion: 83 Resp: 40070
 Ion Ratio Lower Upper
 83 100
 85 62.5 43.6 81.0
 131 9.2 7.0 10.6



#59
 Bromoform
 Concen: 4.624 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

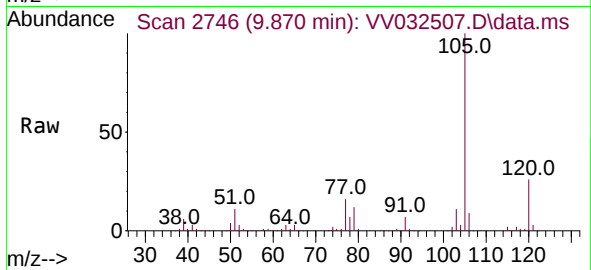
Tgt Ion: 173 Resp: 18912
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.2 57.2
 254 8.8 7.0 10.4



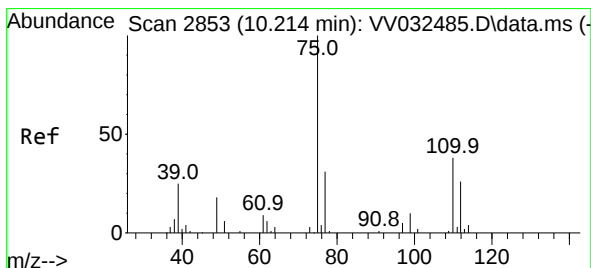
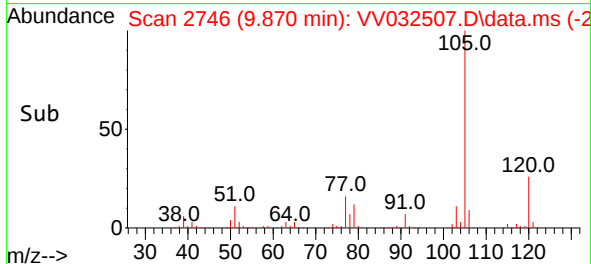
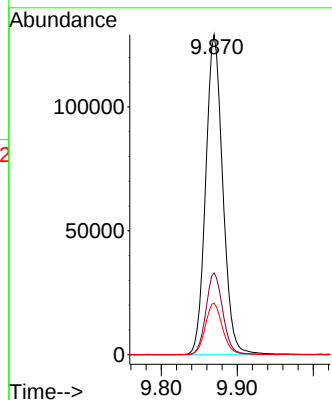


#60
Isopropylbenzene
Concen: 4.619 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :

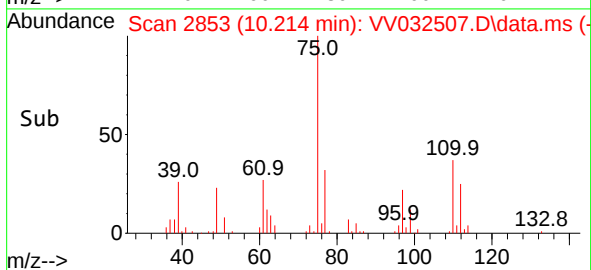
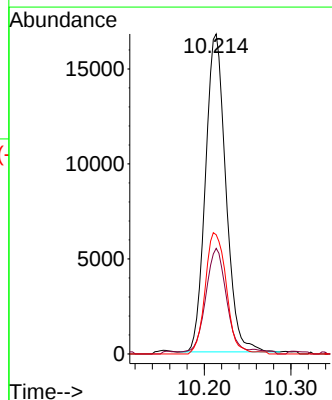
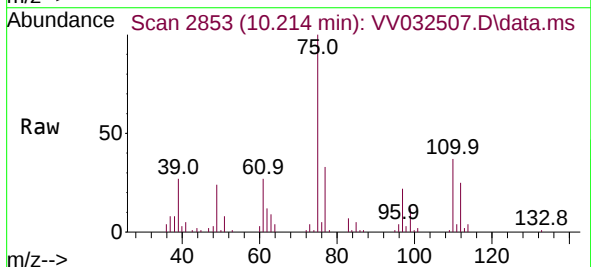


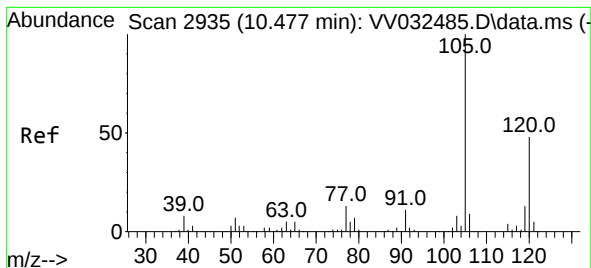
Tgt Ion:105 Resp: 201913
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6
77 16.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.573 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion: 75 Resp: 27376
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.6 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.292 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV032507.D

Acq: 19 Oct 2023 19:18

Instrument :

MSVOA_V

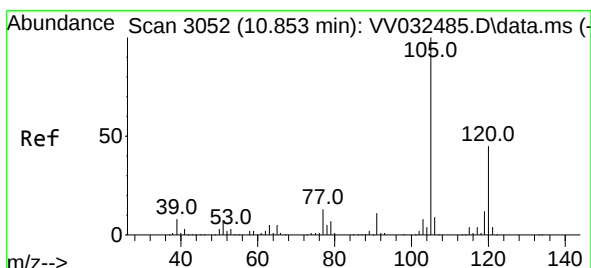
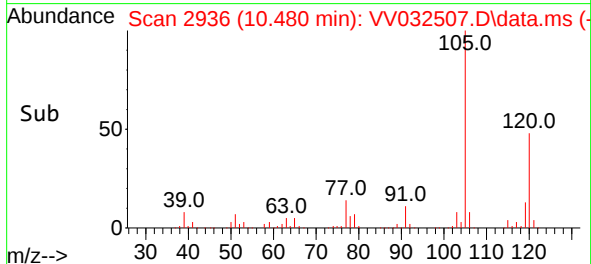
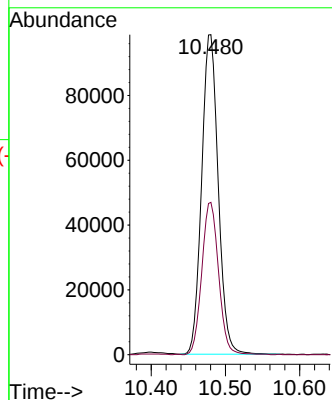
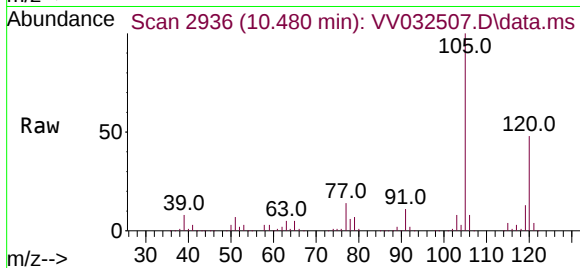
ClientSampleId :

Tgt Ion:105 Resp: 152891

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.397 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032507.D

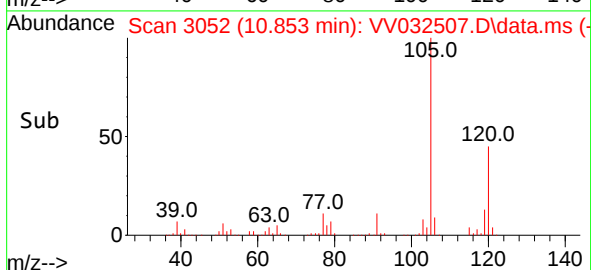
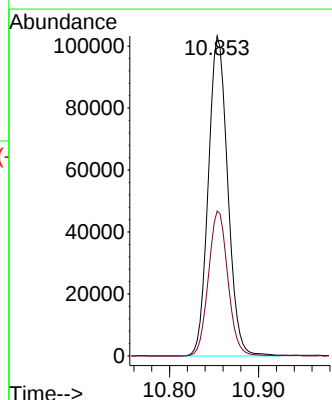
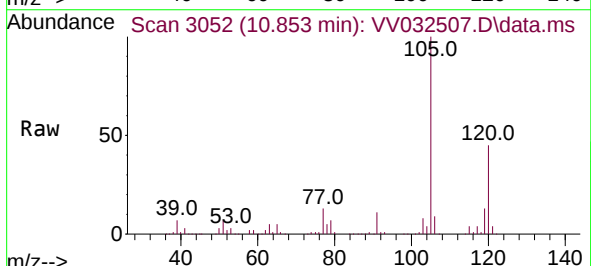
Acq: 19 Oct 2023 19:18

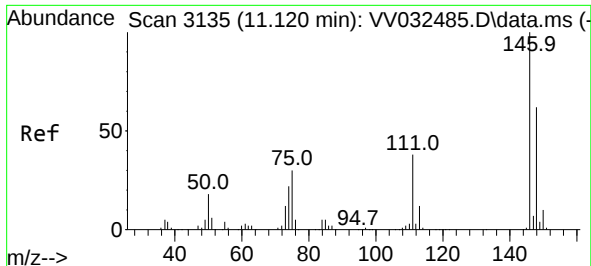
Tgt Ion:105 Resp: 155949

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4

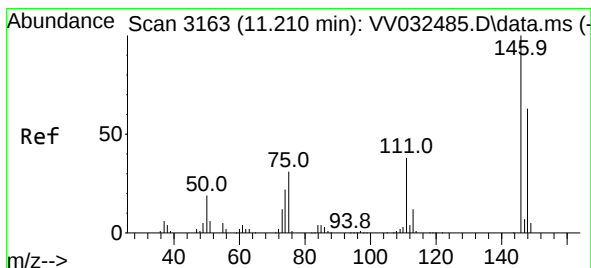
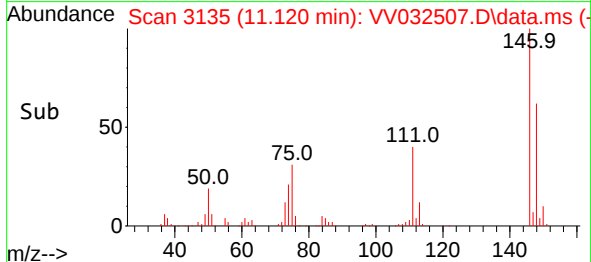
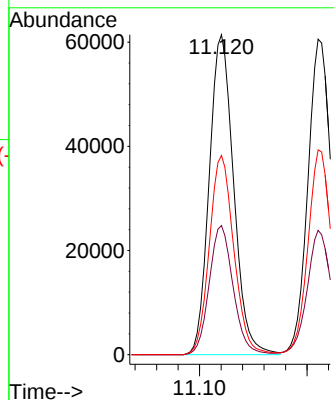
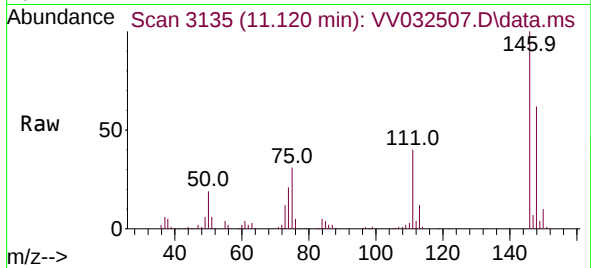




#64
1,3-Dichlorobenzene
Concen: 4.631 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

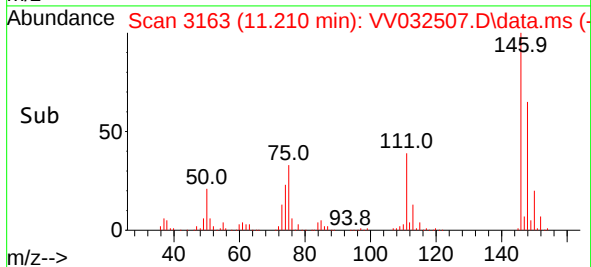
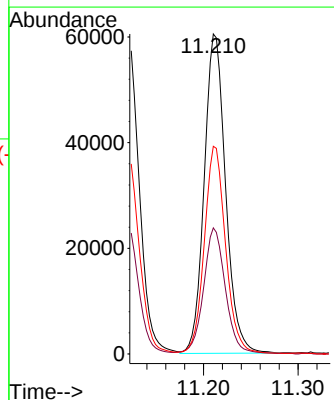
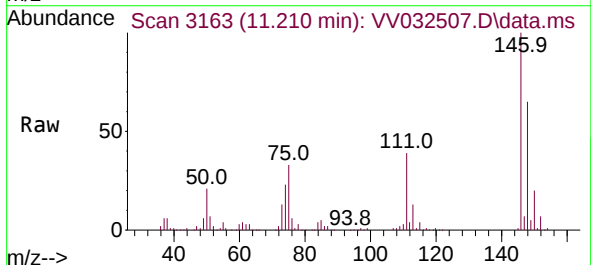
Instrument :
MSVOA_V
ClientSampleId :

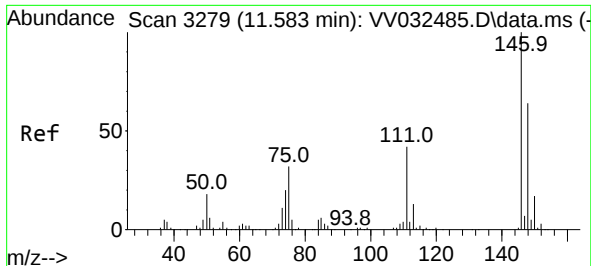
Tgt Ion:146 Resp: 96703
Ion Ratio Lower Upper
146 100
111 40.4 27.8 51.6
148 62.3 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.533 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion:146 Resp: 94967
Ion Ratio Lower Upper
146 100
111 39.4 26.9 49.9
148 64.9 44.8 83.2

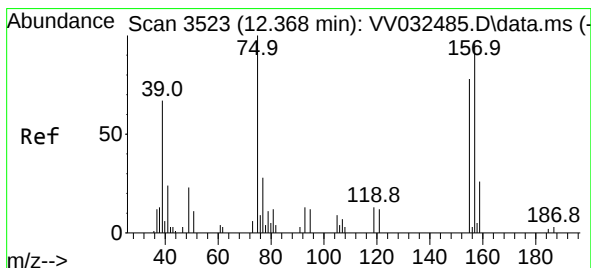
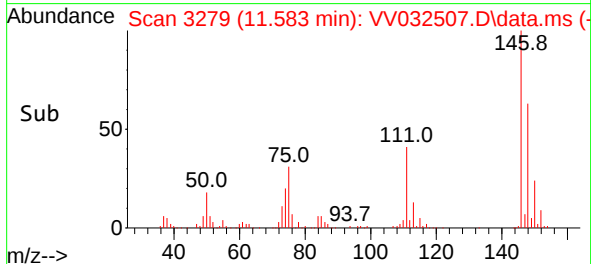
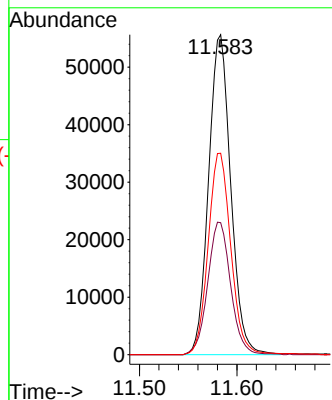
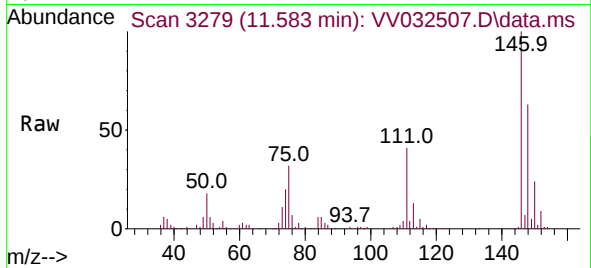




#67
1,2-Dichlorobenzene
Concen: 4.613 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

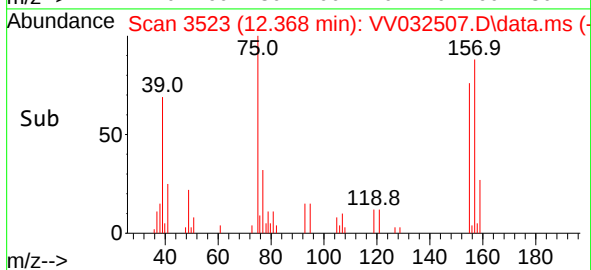
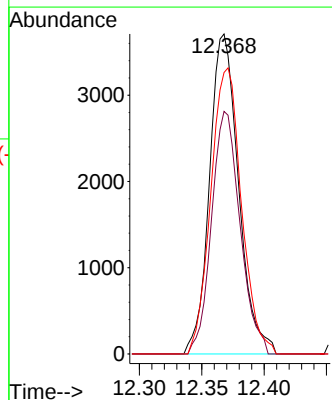
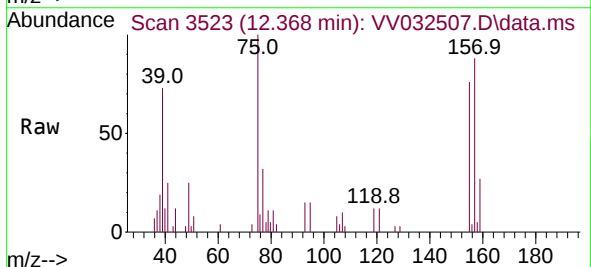
Instrument :
MSVOA_V
ClientSampleId :

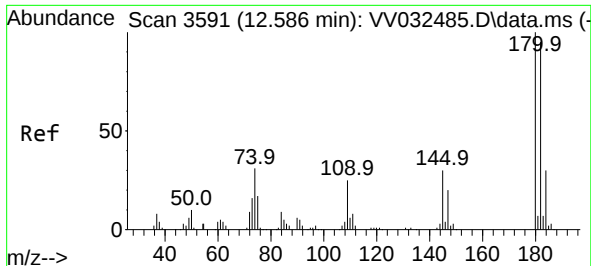
Tgt Ion:146 Resp: 87860
Ion Ratio Lower Upper
146 100
111 41.2 32.8 49.2
148 62.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.926 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

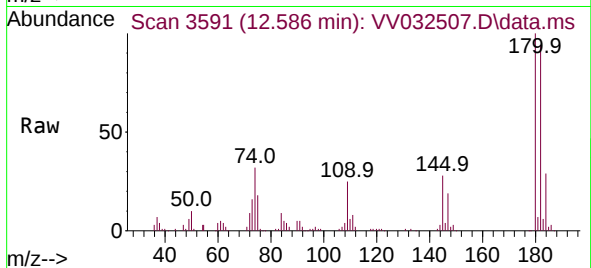
Tgt Ion: 75 Resp: 6025
Ion Ratio Lower Upper
75 100
155 75.8 70.2 105.4
157 88.0 90.6 135.8#



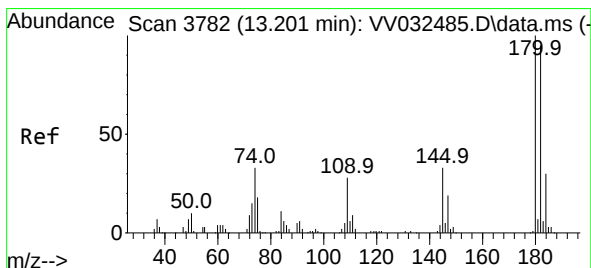
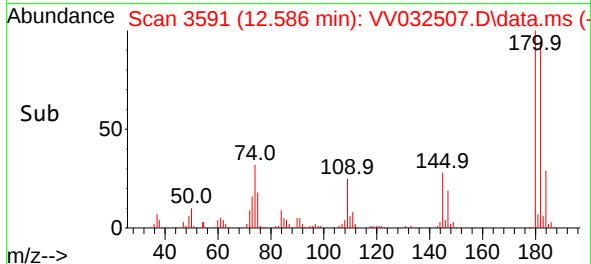
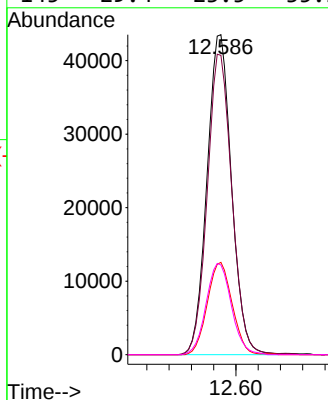


#69
 1,3,5-Trichlorobenzene
 Concen: 4.348 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Instrument :
 MSVOA_V
 ClientSampleId :

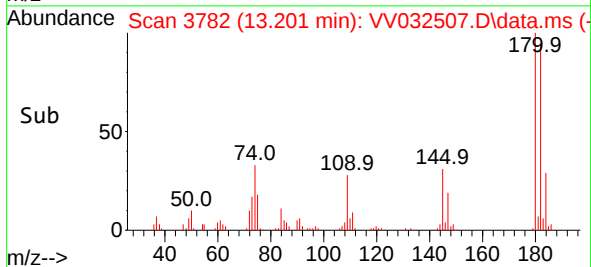
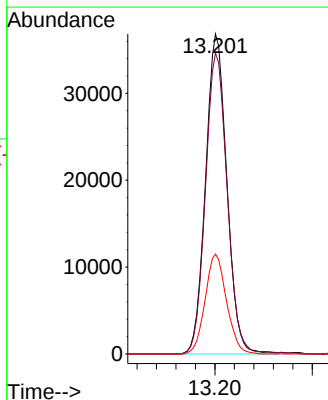
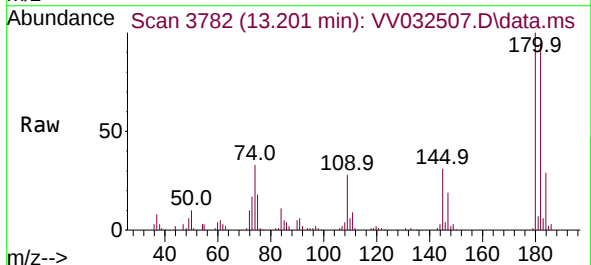


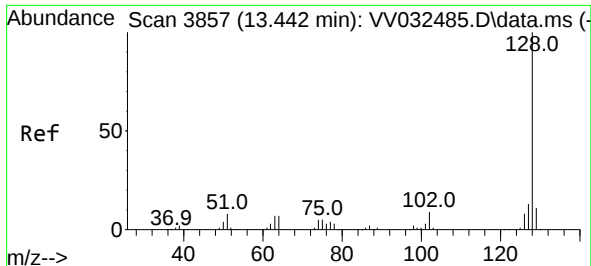
Tgt Ion:180 Resp: 66485
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.6 112.0
 184 29.2 24.1 36.1
 145 29.4 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.123 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032507.D
 Acq: 19 Oct 2023 19:18

Tgt Ion:180 Resp: 55923
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 145 31.3 24.3 36.5

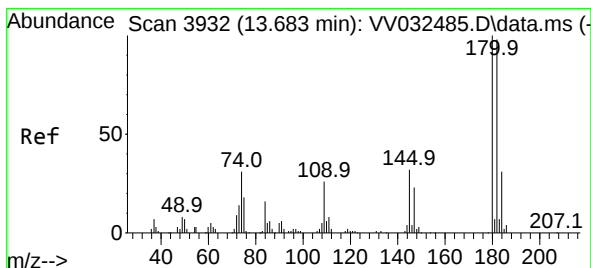
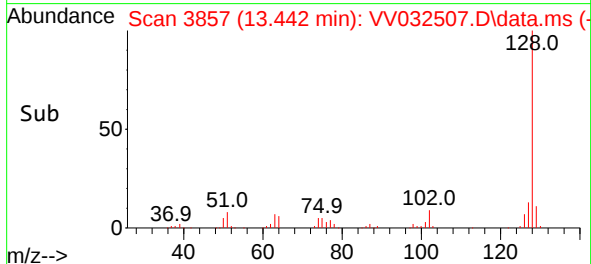
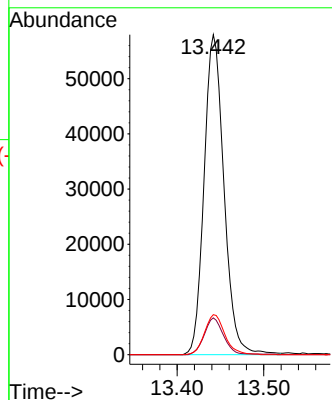
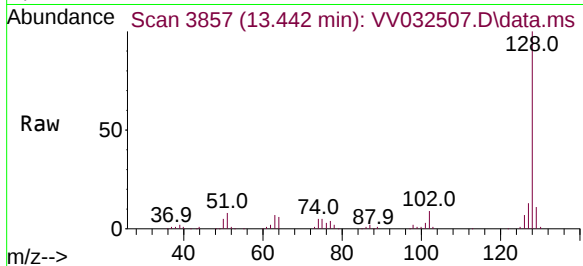




#71
Naphthalene
Concen: 4.019 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 92601
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.403 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032507.D
Acq: 19 Oct 2023 19:18

Tgt Ion:180 Resp: 51464
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.4
145 32.6 25.7 38.5

