

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032360.D
 Acq On : 10 Oct 2023 04:18
 Operator : SY/MD
 Sample : 04774-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 06:04:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39690	5.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.532	69	31291	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.060	65	14423	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.799	46	97200	50.317	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.640%
24) Chloroform-d	4.252	84	63760	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.947	65	31641	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.966	84	117652	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.992	67	37637	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.246	98	108050	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	14238	4.558	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.027	63	86246	58.676	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31881	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	33300	4.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	59764	5.712	ug/L	100
3) Chloromethane	1.217	50	59129	5.606	ug/L	99
5) Vinyl chloride	1.282	62	56928	5.659	ug/L	100
6) Bromomethane	1.487	94	31516	5.186	ug/L	96
8) Chloroethane	1.548	64	35997	5.943	ug/L	99
9) Trichlorofluoromethane	1.716	101	66252	5.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38156	5.219	ug/L	98
12) 1,1-Dichloroethene	2.069	96	36149	5.249	ug/L	98
13) Acetone	2.124	43	86230	57.915	ug/L	97
14) Carbon disulfide	2.243	76	116110	4.823	ug/L	100
15) Methyl Acetate	2.381	43	18760	5.597	ug/L	95
16) Methylene chloride	2.449	84	44703	4.979	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	103922	5.543	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	41033	5.202	ug/L	99
19) 1,1-Dichloroethane	3.114	63	78125	5.265	ug/L	99
21) 2-Butanone	3.876	43	129656	55.686	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	53264	6.272	ug/L	99
23) Bromochloromethane	4.156	128	19755	5.529	ug/L	98
25) Chloroform	4.281	83	85580	5.878	ug/L	99

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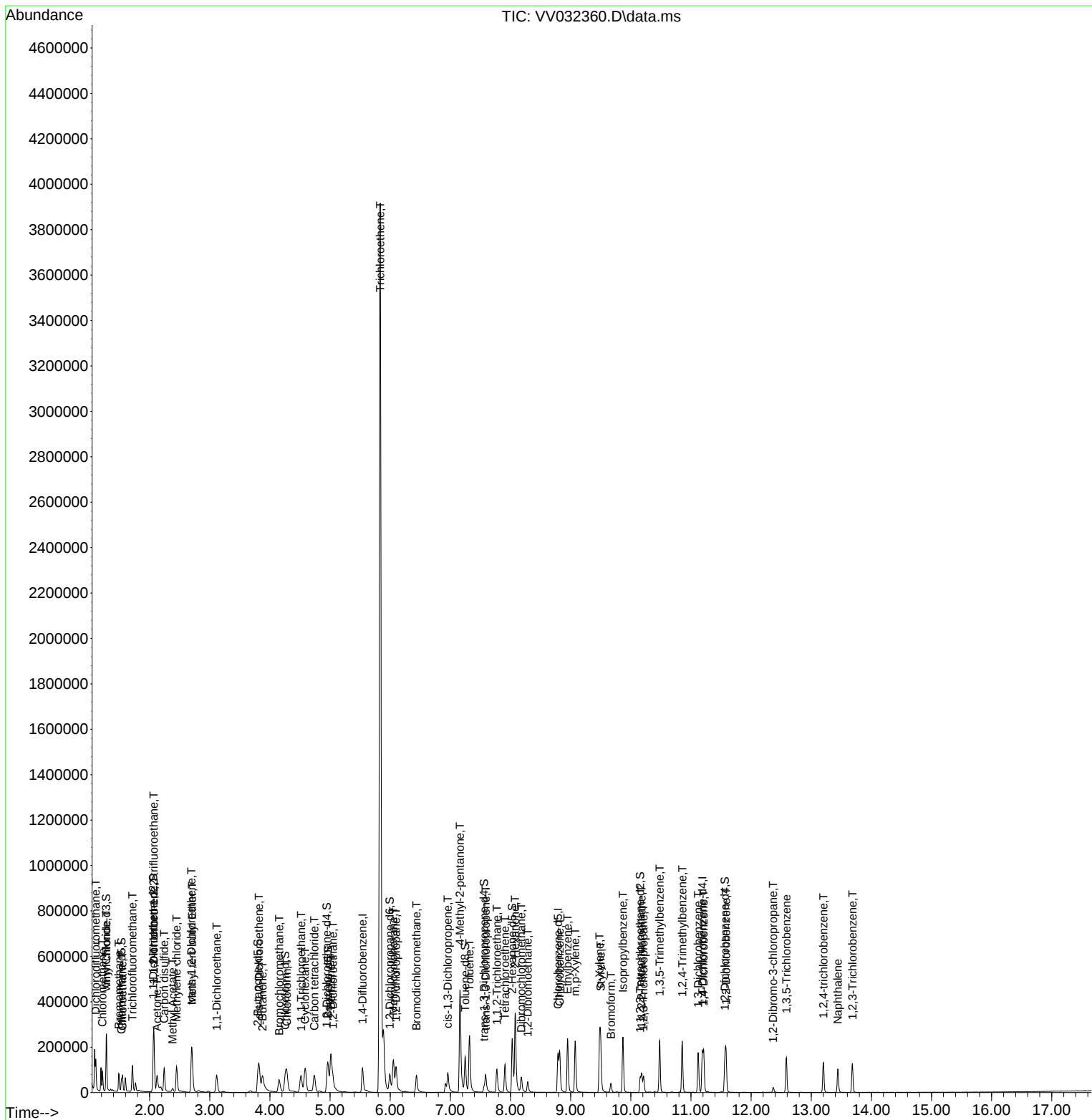
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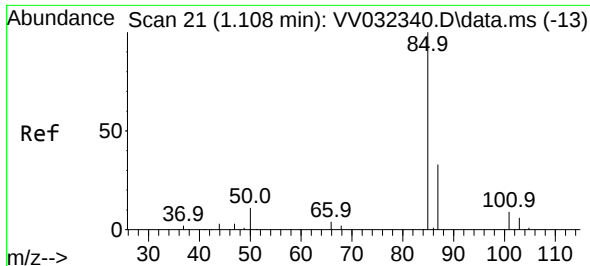
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	47234	5.492	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	62731	5.102	ug/L	100
30) Cyclohexane	4.584	56	57600	4.263	ug/L	99
31) Carbon tetrachloride	4.738	117	58477	5.621	ug/L	98
33) Benzene	5.015	78	166229	5.221	ug/L	100
34) Trichloroethene	5.834	95	1361580	156.658	ug/L	98
35) Methylcyclohexane	6.053	83	60223	4.478	ug/L	93
37) 1,2-Dichloropropane	6.095	63	43705	5.133	ug/L	100
38) Bromodichloromethane	6.436	83	56524	5.587	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	59534	4.913	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	336154	62.386	ug/L	99
42) Toluene	7.320	91	188206	5.545	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	47194	4.739	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	33894	5.643	ug/L	98
47) Tetrachloroethene	7.908	164	29003	4.400	ug/L	97
48) 2-Hexanone	8.079	43	234179	61.599	ug/L	99
49) Dibromochloromethane	8.178	129	34652	5.541	ug/L	96
50) 1,2-Dibromoethane	8.288	107	32746	5.764	ug/L	98
51) Chlorobenzene	8.818	112	97378	4.456	ug/L	99
52) Ethylbenzene	8.950	91	168740	4.465	ug/L	100
53) m,p-Xylene	9.075	106	65512	4.674	ug/L	99
54) o-Xylene	9.481	106	60795	4.501	ug/L	98
55) Styrene	9.500	104	101960	4.470	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	41116	6.221	ug/L	98
59) Bromoform	9.670	173	18003	5.881	ug/L	97
60) Isopropylbenzene	9.870	105	155710	4.759	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	28657	6.396	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	118278	4.436	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	121379	4.572	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	68988	4.414	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	68959	4.398	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	67753	4.753	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	5395	5.893	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	45079	3.938	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	39511	3.892	ug/L	98
71) Naphthalene	13.442	128	80527	4.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	36984	4.228	ug/L	99

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

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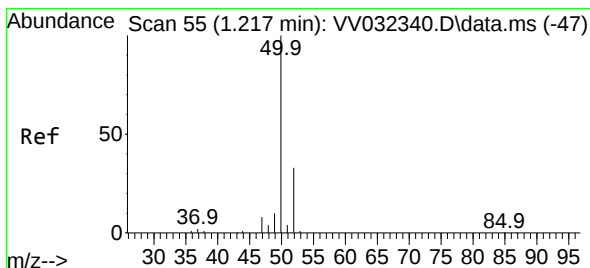
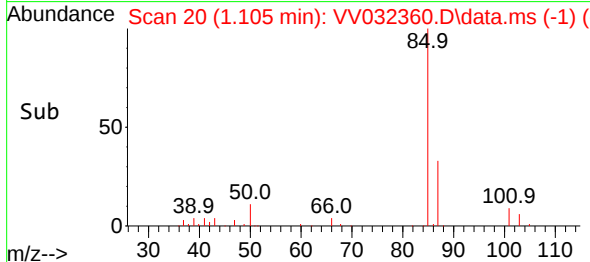
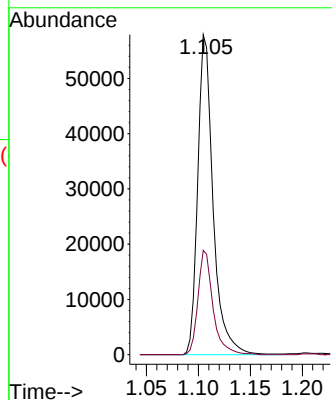
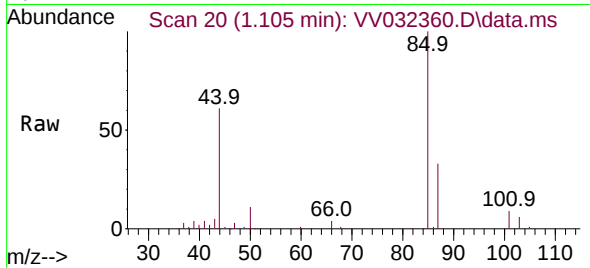




#2
 Dichlorodifluoromethane
 Concen: 5.712 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

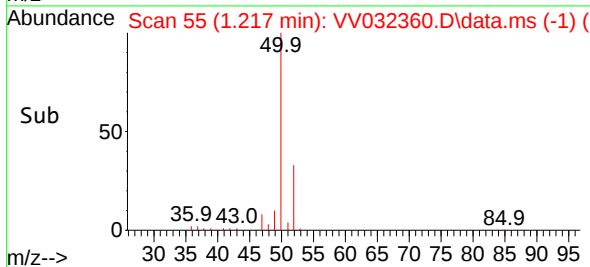
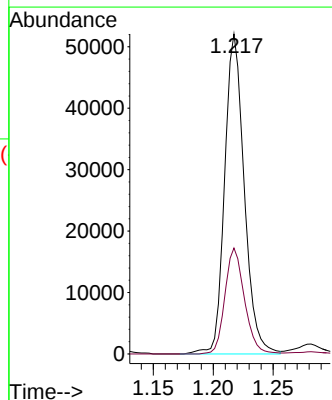
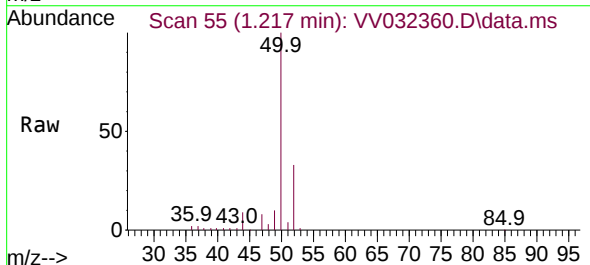
Instrument :
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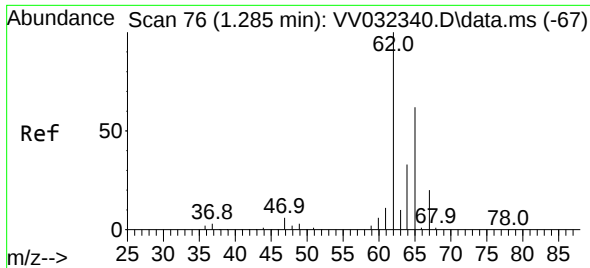
Tgt Ion: 85 Resp: 59764
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 5.606 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

Tgt Ion: 50 Resp: 59129
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6

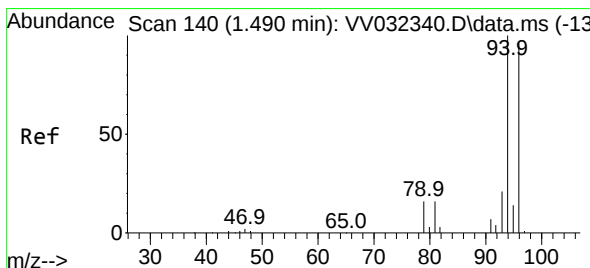
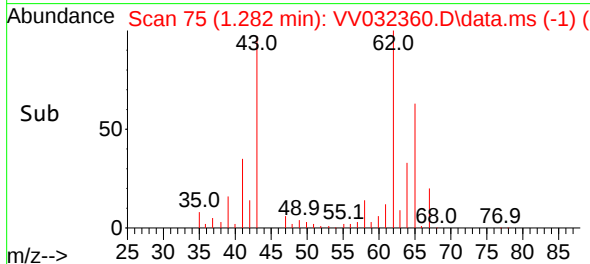
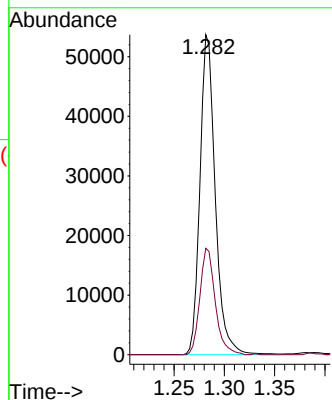
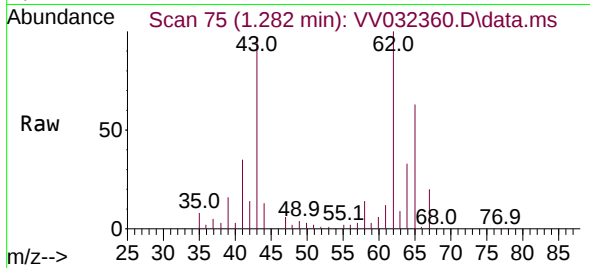




#5
 Vinyl chloride
 Concen: 5.659 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

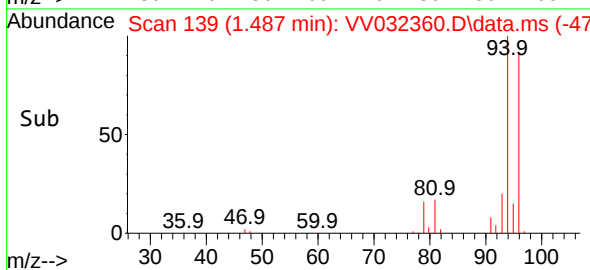
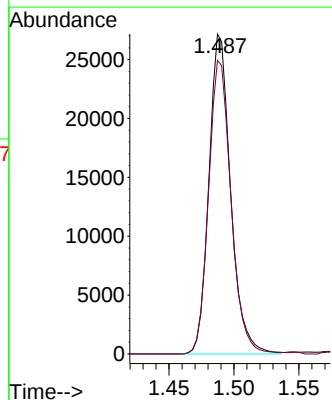
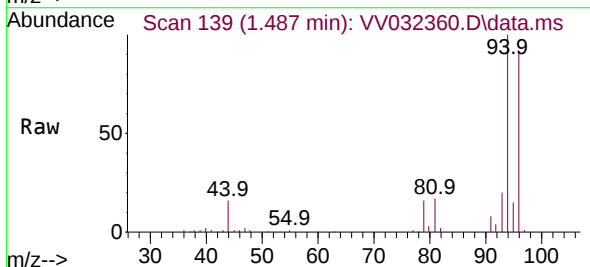
Instrument :
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 ClientSampleId :

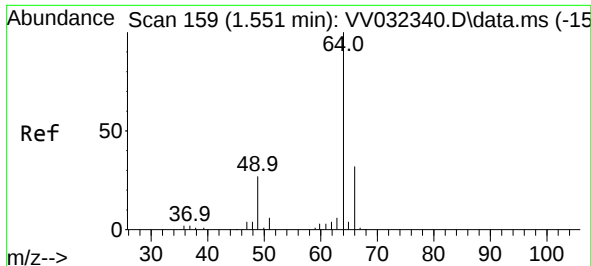
Tgt Ion: 62 Resp: 56928
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 5.186 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

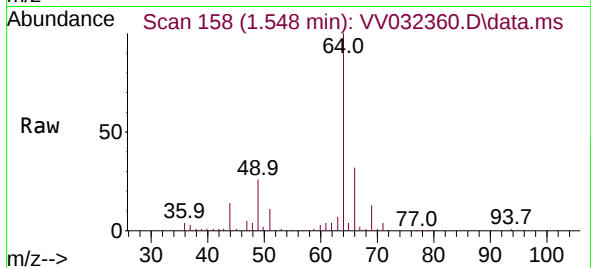
Tgt Ion: 94 Resp: 31516
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.8 124.2



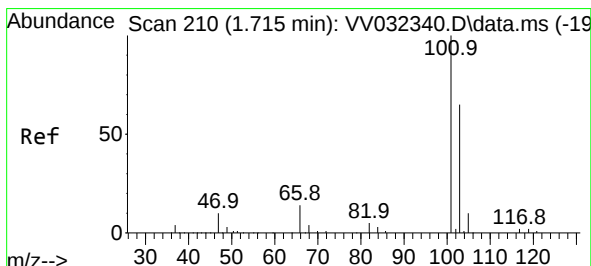
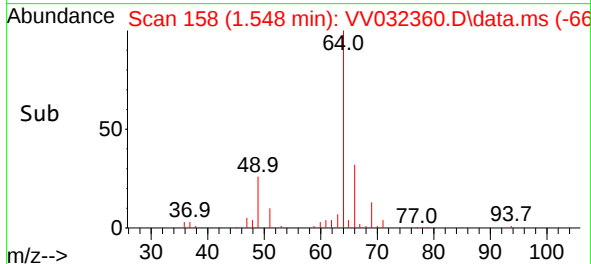
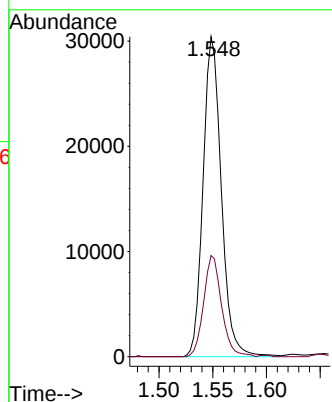


#8
Chloroethane
Concen: 5.943 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Instrument :
MSVOA_V
ClientSampleId :

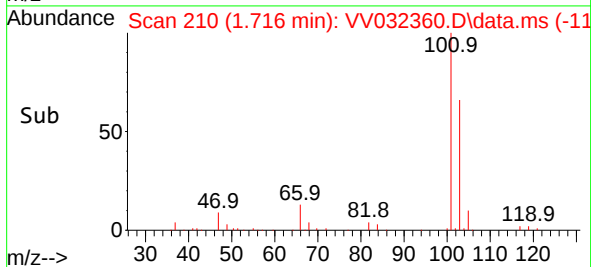
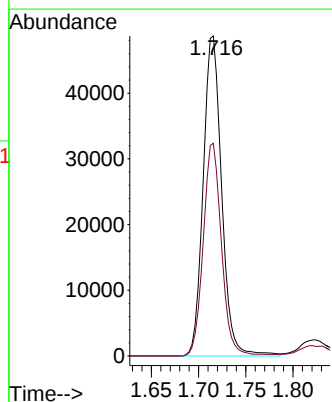
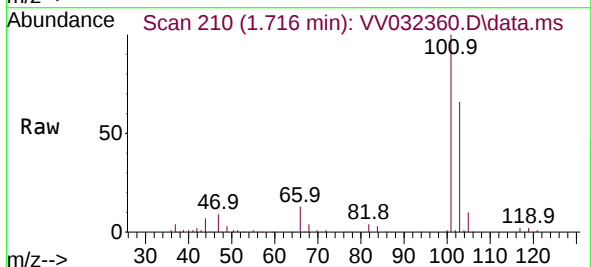


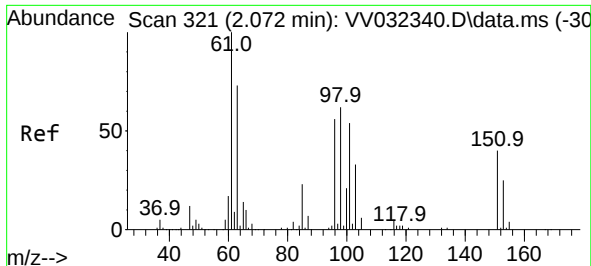
Tgt Ion: 64 Resp: 35997
Ion Ratio Lower Upper
64 100
66 31.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.491 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 101 Resp: 66252
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

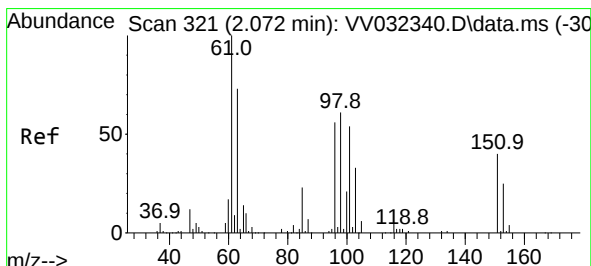
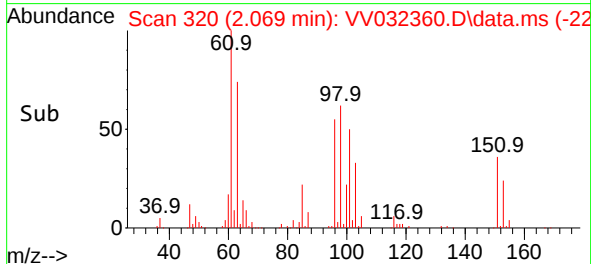
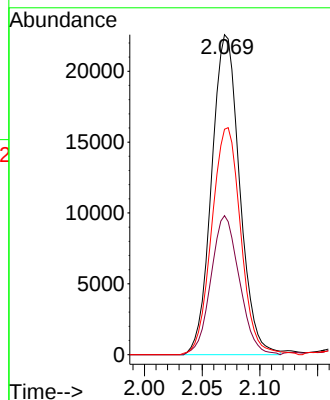
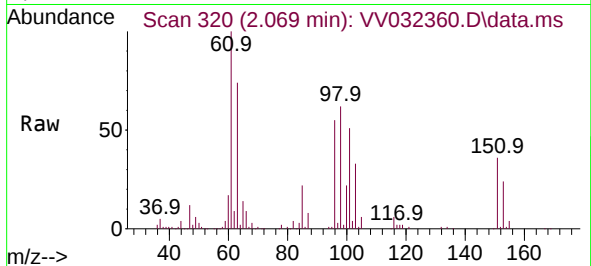




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.219 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

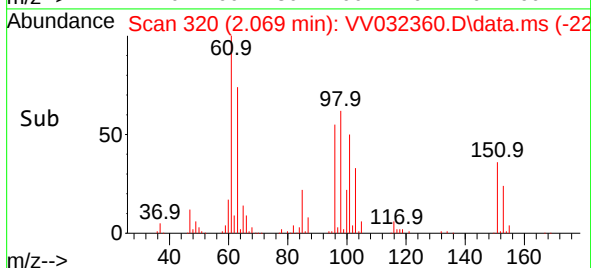
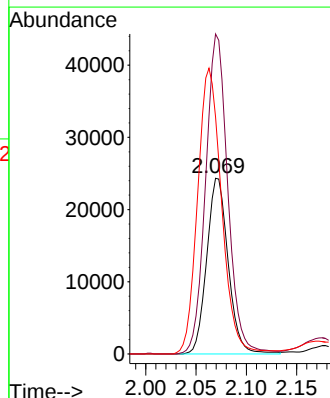
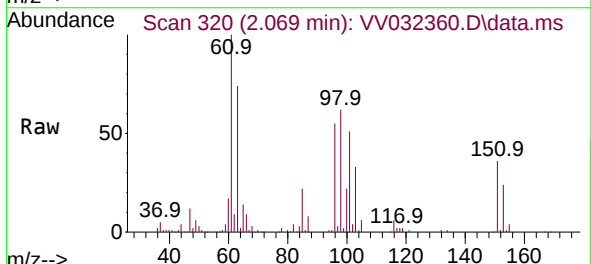
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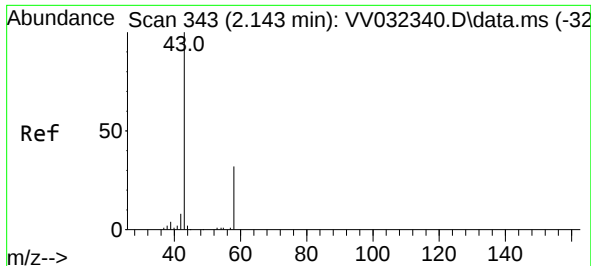
Tgt Ion:101 Resp: 38156
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 73.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.249 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

Tgt Ion: 96 Resp: 36149
 Ion Ratio Lower Upper
 96 100
 61 182.1 127.3 236.3
 63 134.9 98.3 182.7





#13

Acetone

Concen: 57.915 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

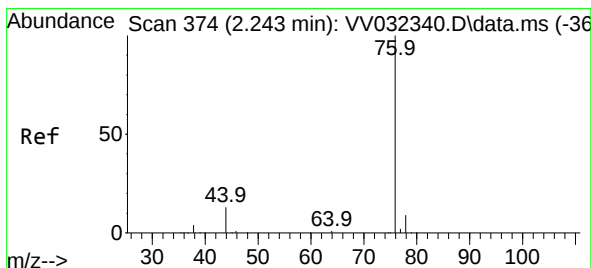
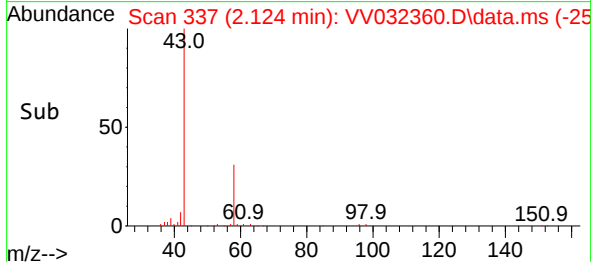
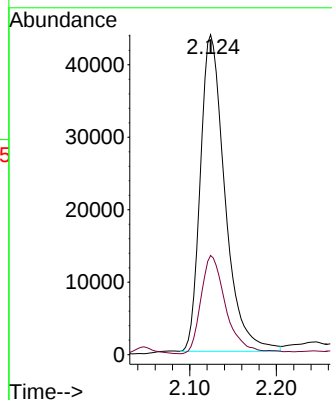
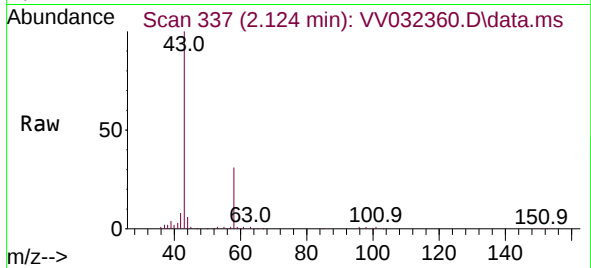
ClientSampleId :

Tgt Ion: 43 Resp: 86230

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.0



#14

Carbon disulfide

Concen: 4.823 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032360.D

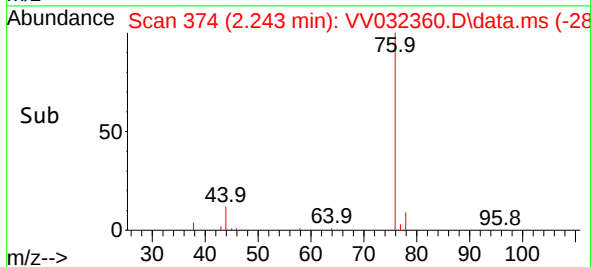
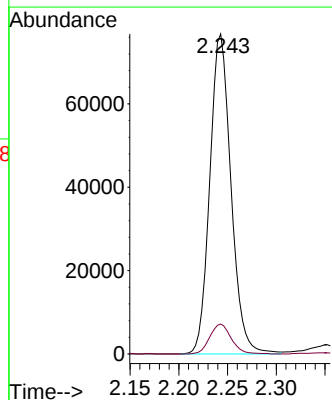
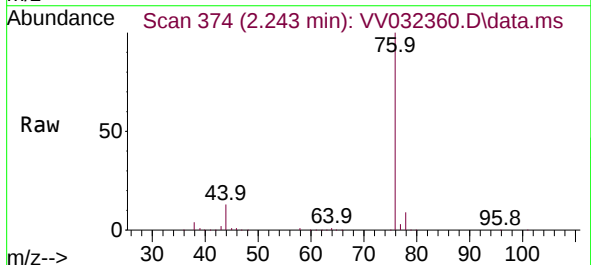
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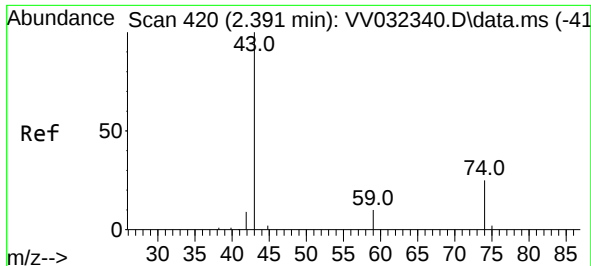
Tgt Ion: 76 Resp: 116110

Ion Ratio Lower Upper

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78 9.4 7.4 11.2

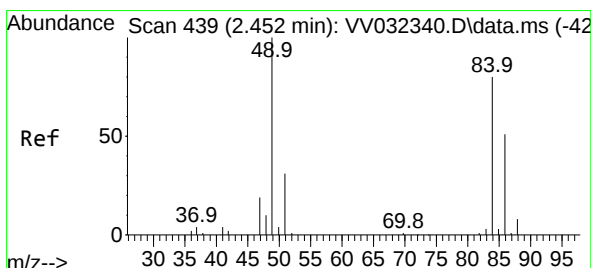
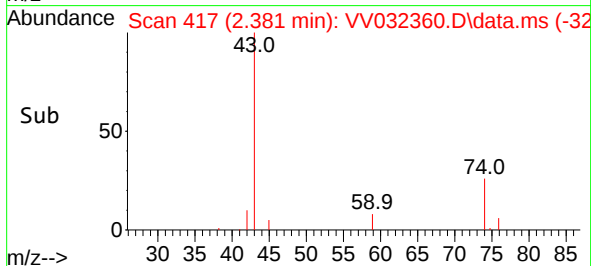
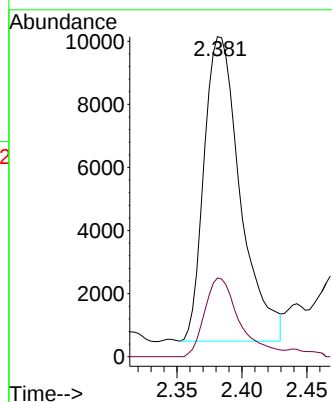
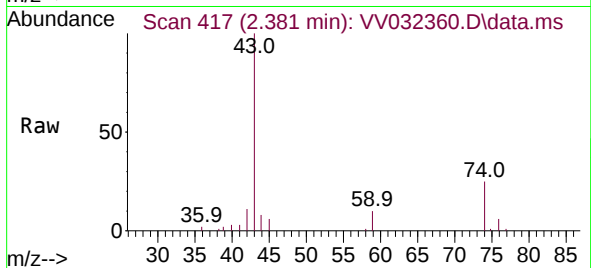




#15
Methyl Acetate
Concen: 5.597 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

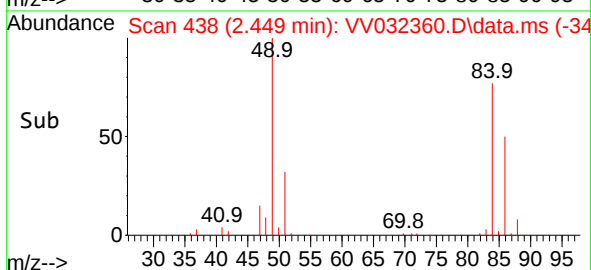
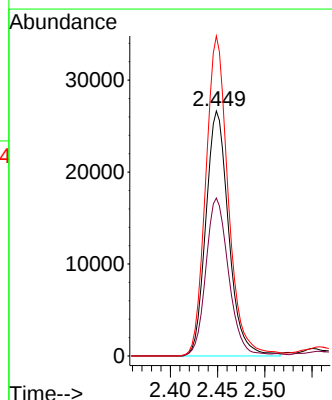
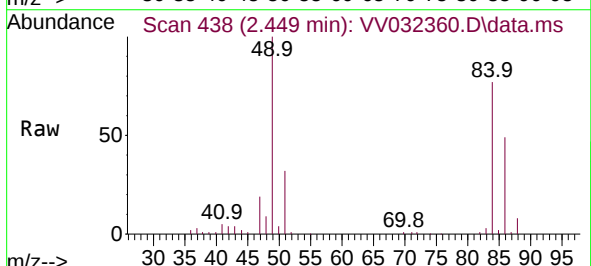
Instrument :
MSVOA_V
ClientSampleId :

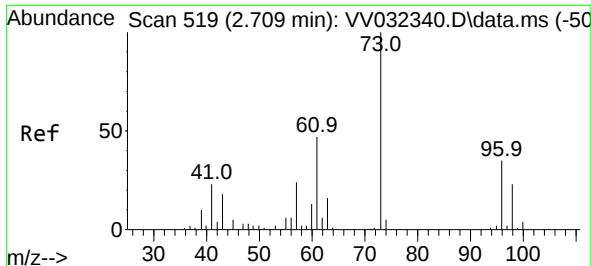
Tgt Ion: 43 Resp: 18760
Ion Ratio Lower Upper
43 100
74 25.0 18.0 27.0



#16
Methylene chloride
Concen: 4.979 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 84 Resp: 44703
Ion Ratio Lower Upper
84 100
86 64.5 43.2 80.2
49 130.6 86.3 160.3

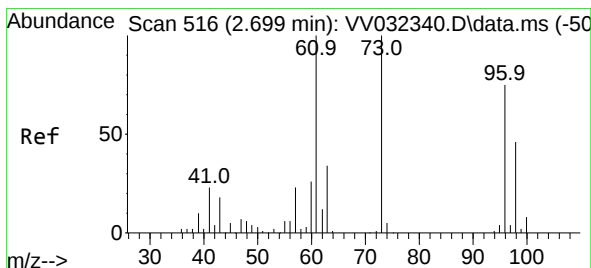
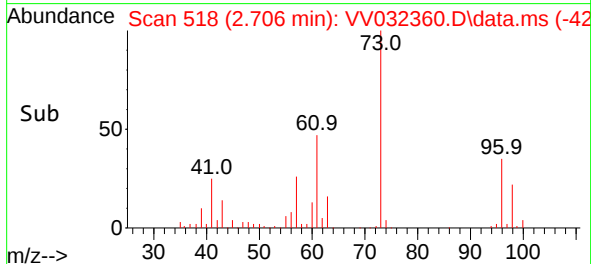
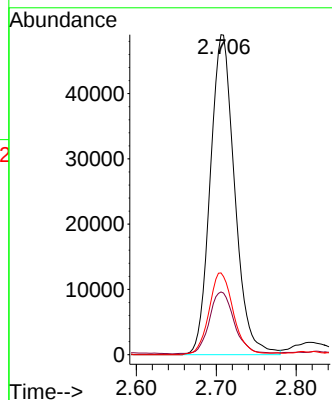
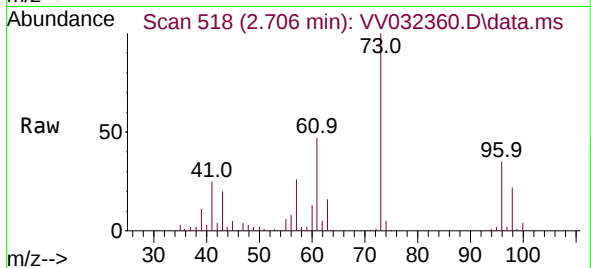




#17
Methyl tert-butyl Ether
Concen: 5.543 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

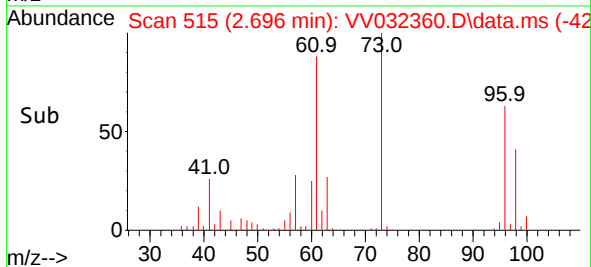
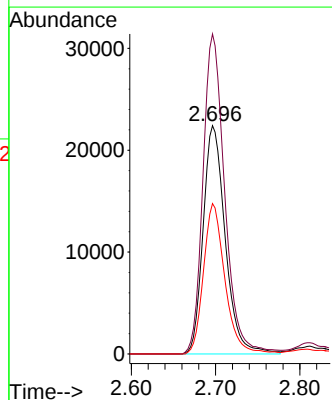
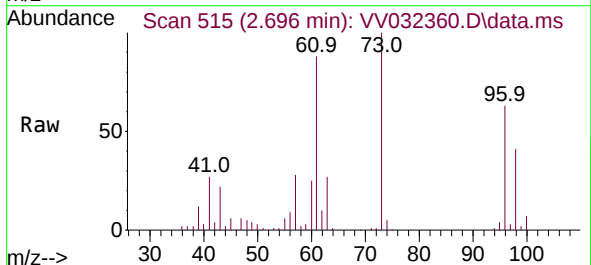
Instrument :
MSVOA_V
ClientSampleId :

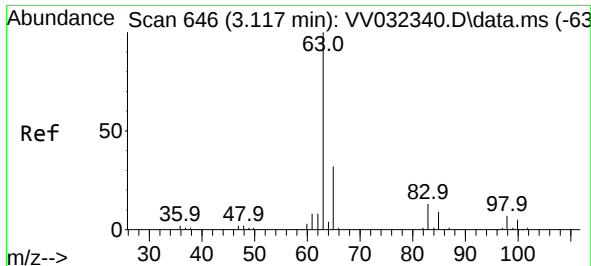
Tgt Ion: 73 Resp: 103922
Ion Ratio Lower Upper
73 100
43 19.7 15.1 22.7
57 25.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.202 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 96 Resp: 41033
Ion Ratio Lower Upper
96 100
61 140.1 96.9 180.1
98 65.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.265 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

ClientSampleId :

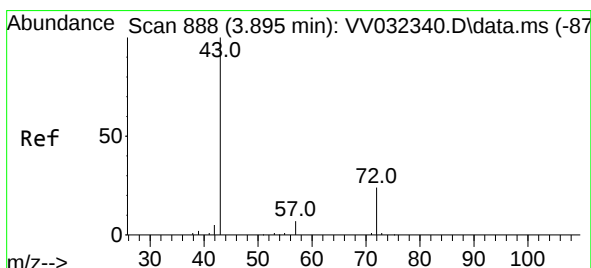
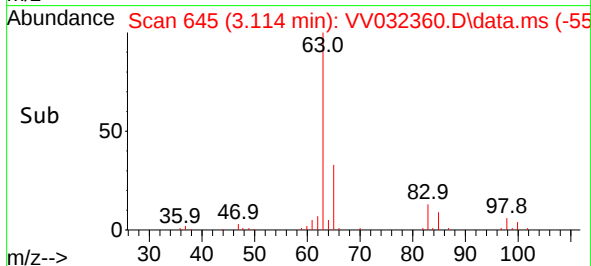
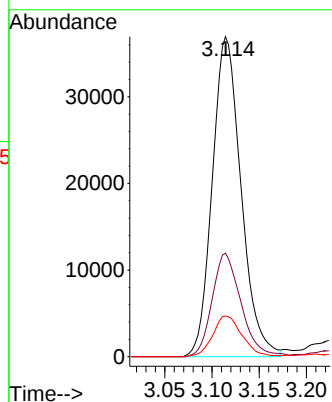
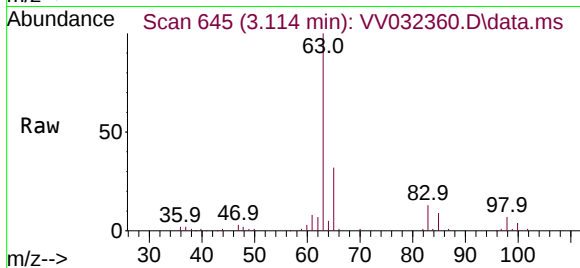
Tgt Ion: 63 Resp: 78125

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 12.7 9.0 16.6



#21

2-Butanone

Concen: 55.686 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.019 min

Lab File: VV032360.D

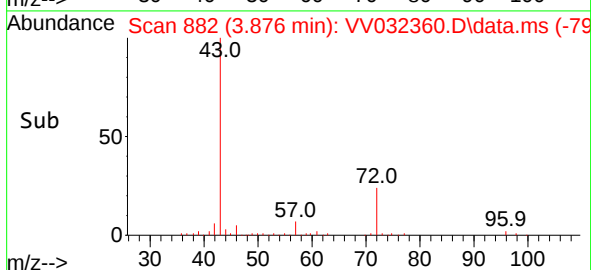
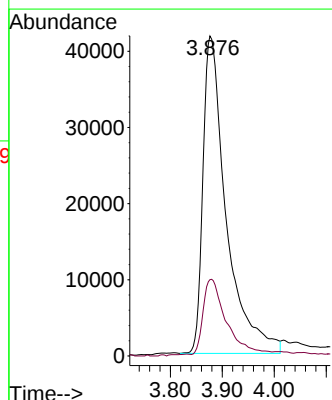
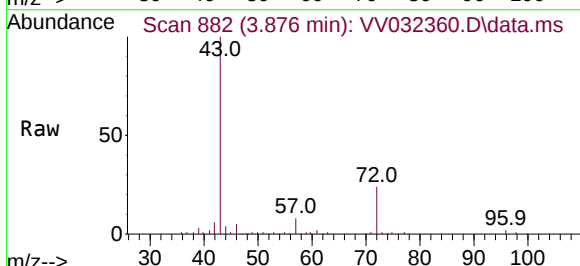
Acq: 10 Oct 2023 04:18

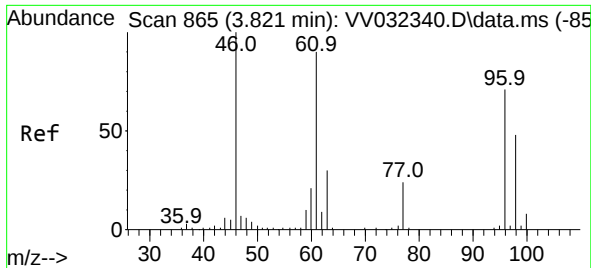
Tgt Ion: 43 Resp: 129656

Ion Ratio Lower Upper

43 100

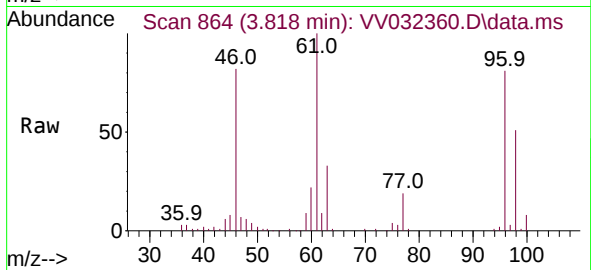
72 23.6 11.6 34.8





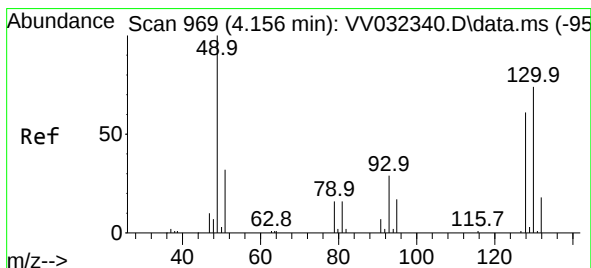
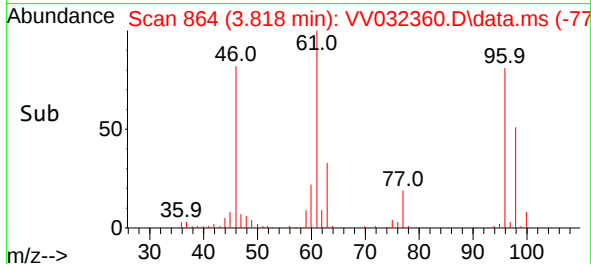
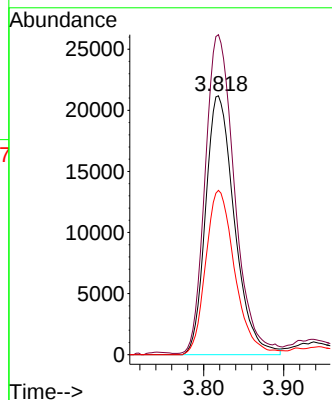
#22
 cis-1,2-Dichloroethene
 Concen: 6.272 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 53264

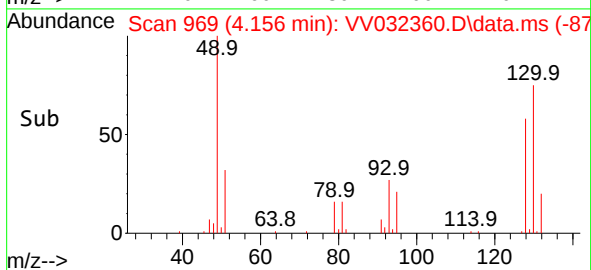
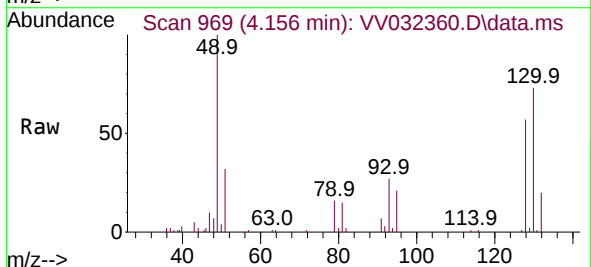
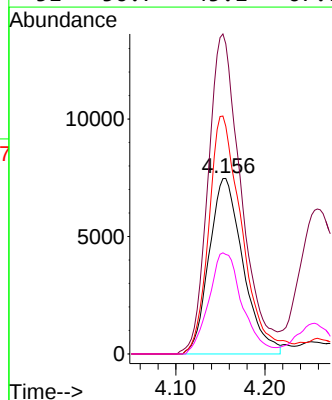
Ion	Ratio	Lower	Upper
96	100		
61	123.6	85.8	159.4
98	63.5	44.0	81.6

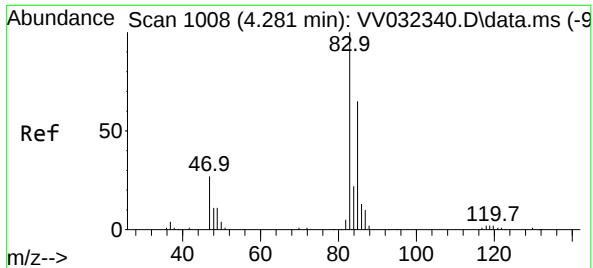


#23
 Bromochloromethane
 Concen: 5.529 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

Tgt Ion: 128 Resp: 19755

Ion	Ratio	Lower	Upper
128	100		
49	176.6	121.2	225.0
130	129.7	88.2	163.8
51	56.7	45.1	67.7

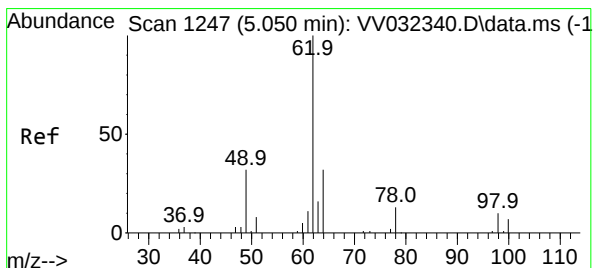
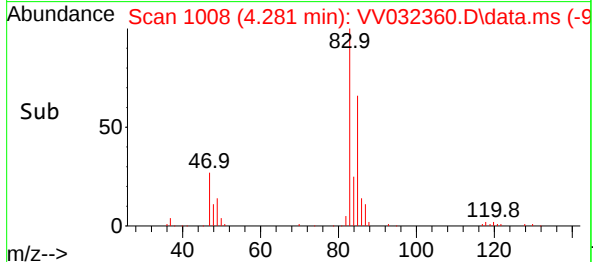
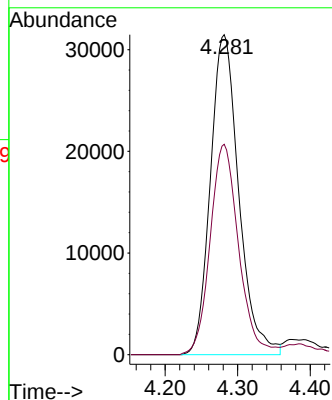
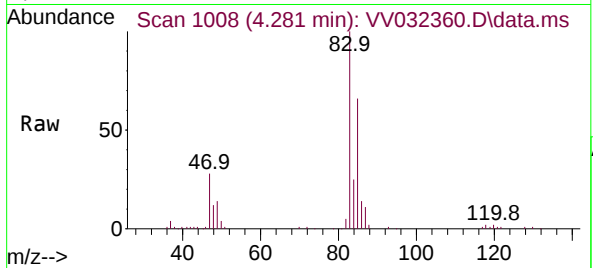




#25
Chloroform
Concen: 5.878 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

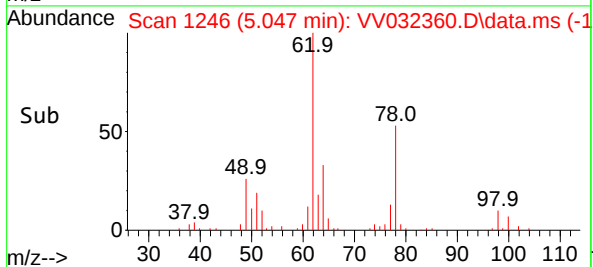
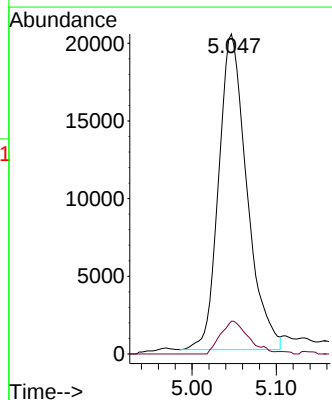
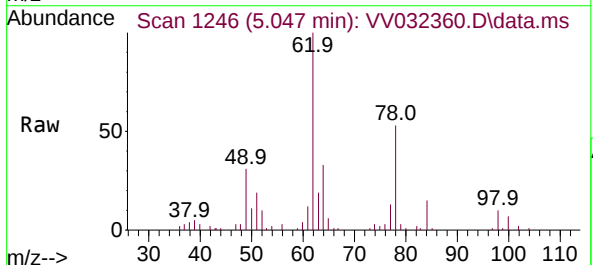
Instrument :
MSVOA_V
ClientSampleId :

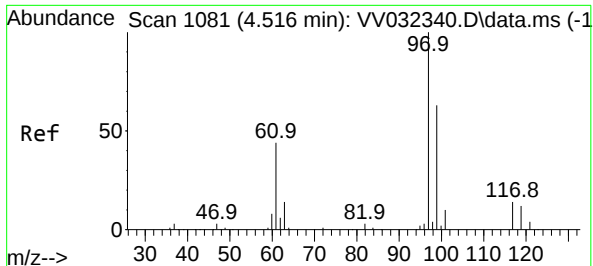
Tgt Ion: 83 Resp: 85580
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.492 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 62 Resp: 47234
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.102 ug/L

RT: 4.519 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

ClientSampleId :

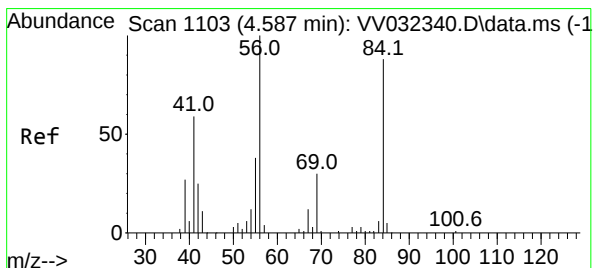
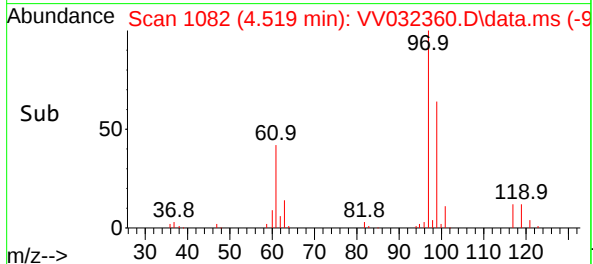
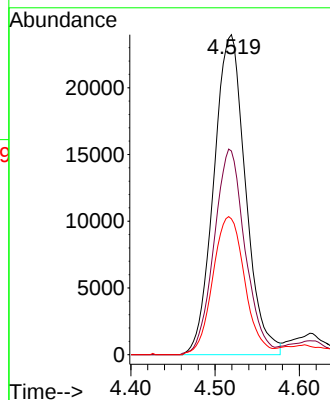
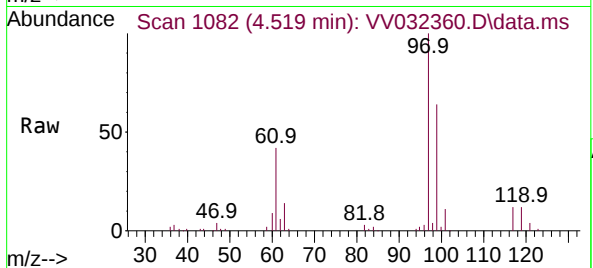
Tgt Ion: 97 Resp: 62731

Ion Ratio Lower Upper

97 100

99 62.6 50.1 75.1

61 43.4 35.1 52.7



#30

Cyclohexane

Concen: 4.263 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

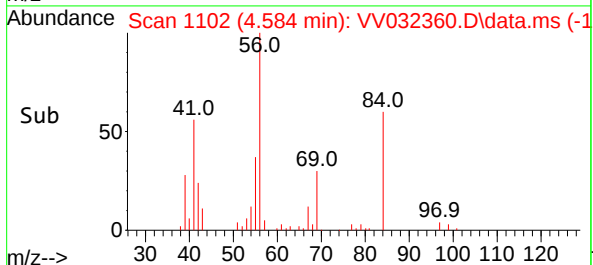
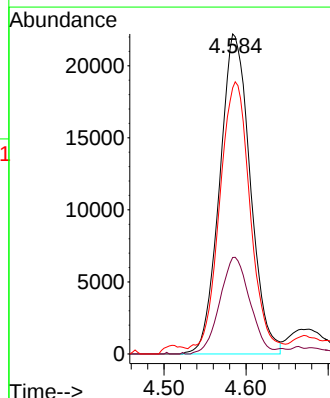
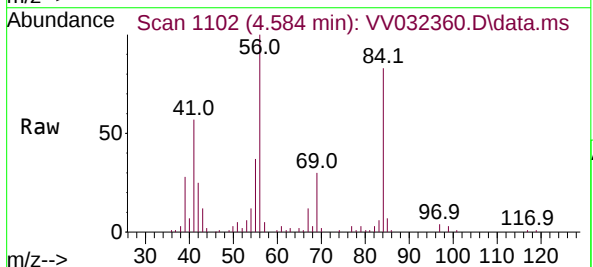
Tgt Ion: 56 Resp: 57600

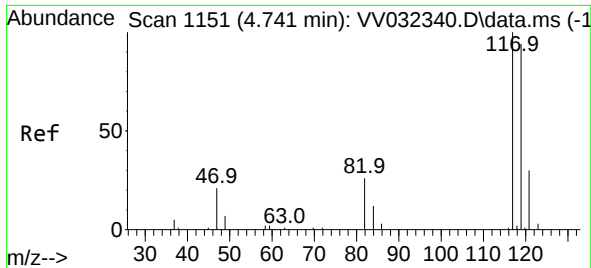
Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.2

84 85.9 68.1 102.1

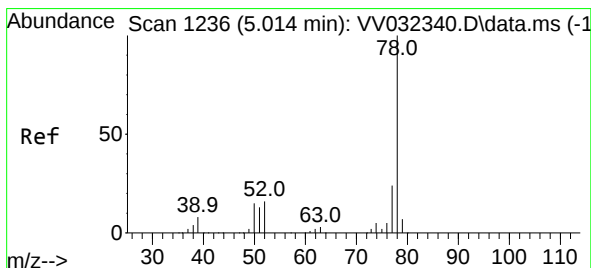
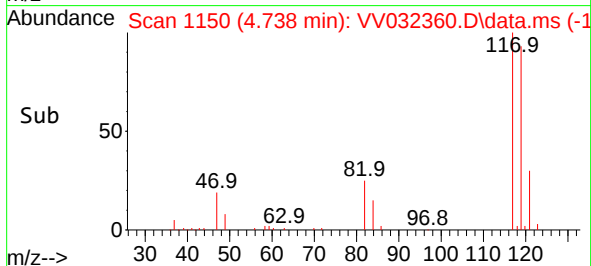
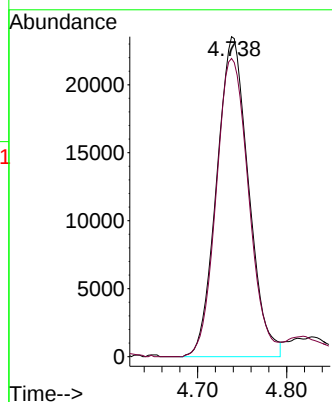
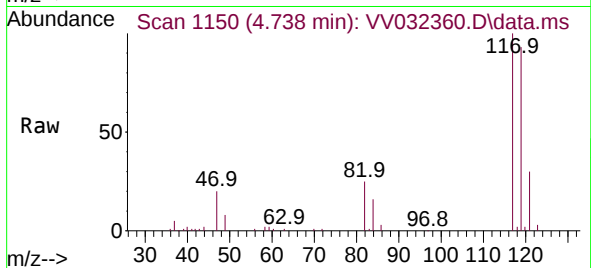




#31
Carbon tetrachloride
Concen: 5.621 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

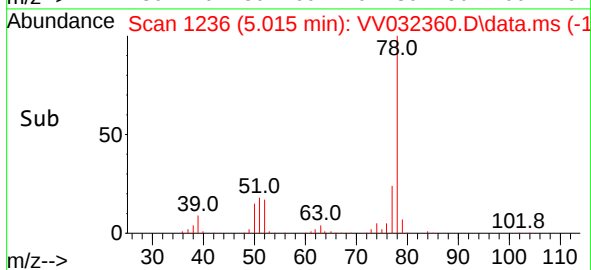
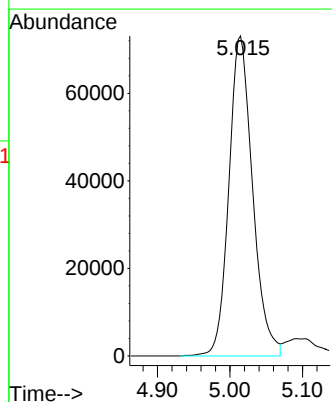
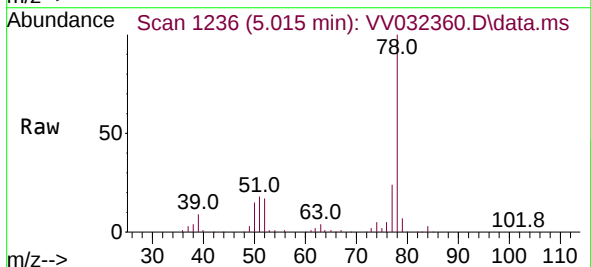
Instrument :
MSVOA_V
ClientSampleId :

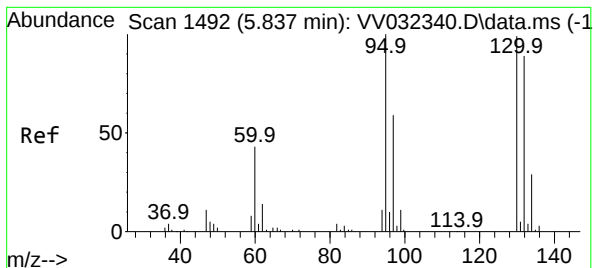
Tgt Ion:117 Resp: 58477
Ion Ratio Lower Upper
117 100
119 95.0 77.6 116.4



#33
Benzene
Concen: 5.221 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 78 Resp: 166229





#34

Trichloroethene

Concen: 156.658 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1361580

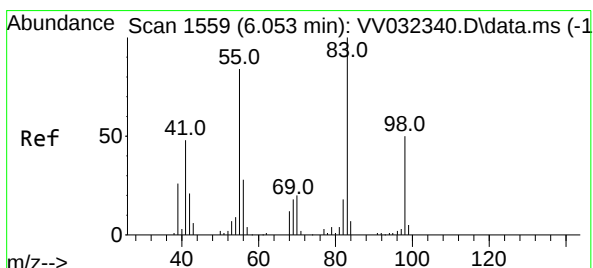
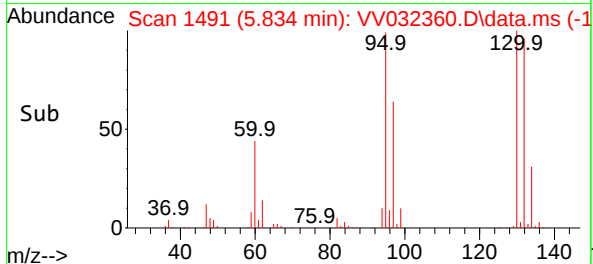
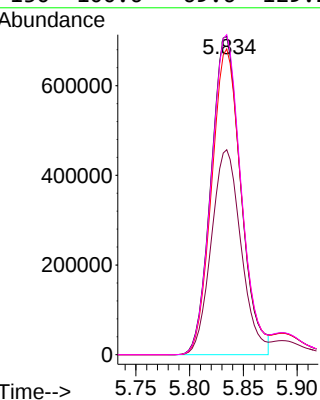
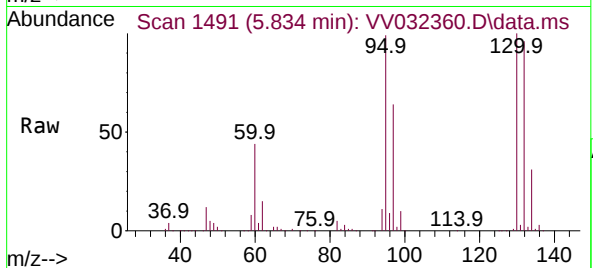
Ion Ratio Lower Upper

95 100

97 64.4 45.7 84.9

132 96.1 70.3 130.5

130 100.6 69.6 129.2



#35

Methylcyclohexane

Concen: 4.478 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

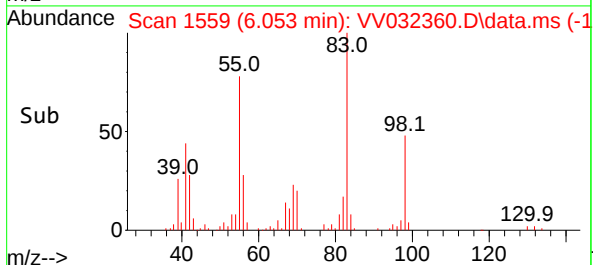
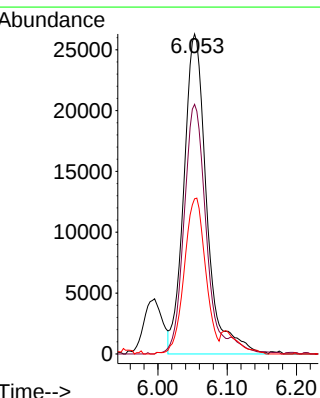
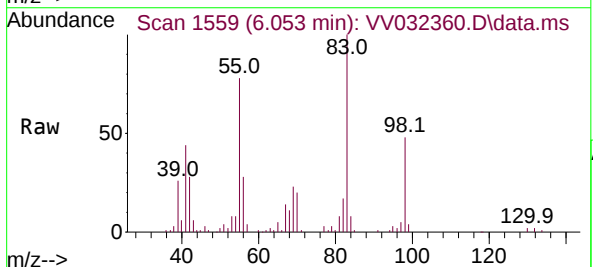
Tgt Ion: 83 Resp: 60223

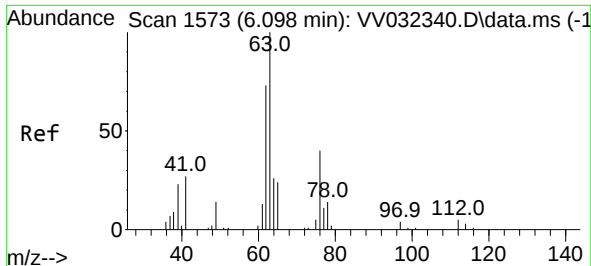
Ion Ratio Lower Upper

83 100

55 74.0 64.2 96.2

98 45.4 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.133 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

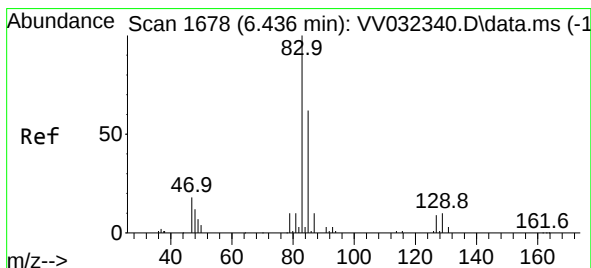
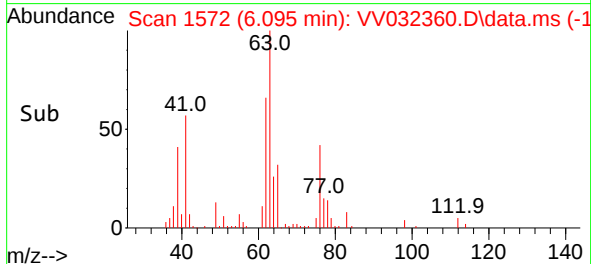
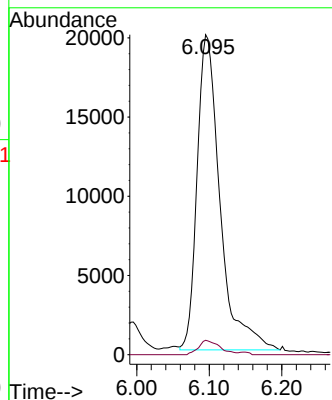
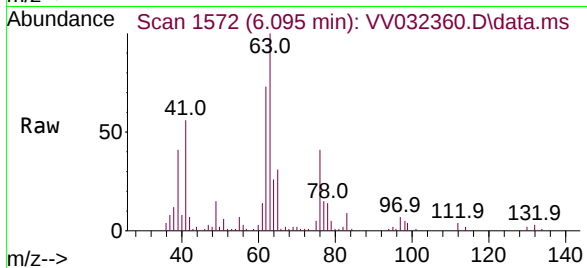
ClientSampleId :

Tgt Ion: 63 Resp: 43705

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.587 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

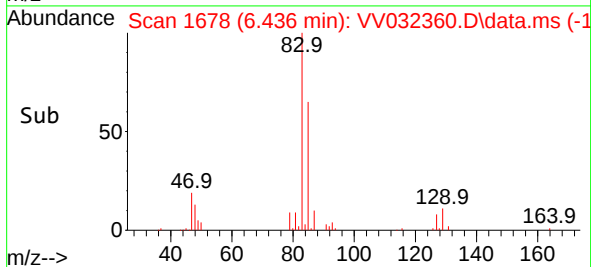
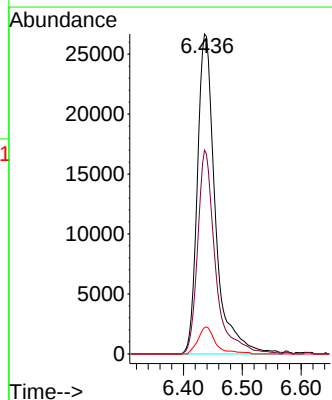
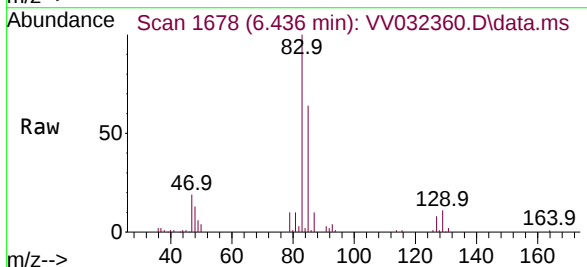
Tgt Ion: 83 Resp: 56524

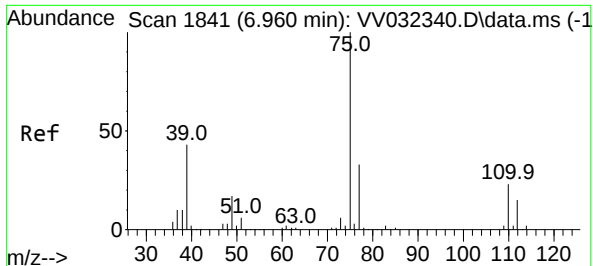
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.3

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.913 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

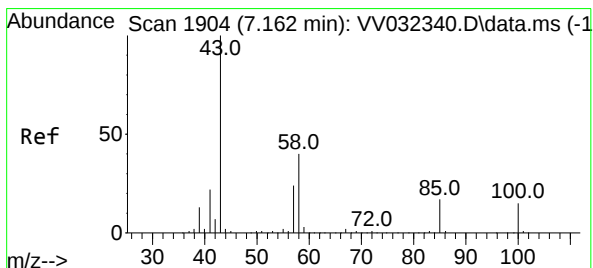
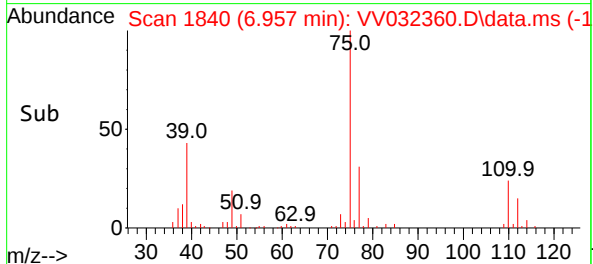
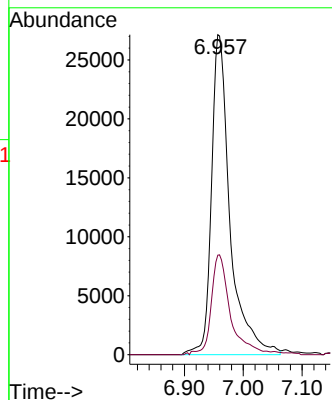
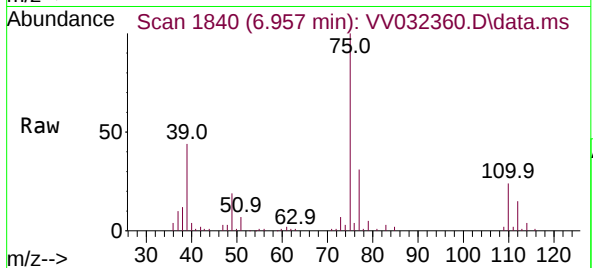
ClientSampleId :

Tgt Ion: 75 Resp: 59534

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 62.386 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

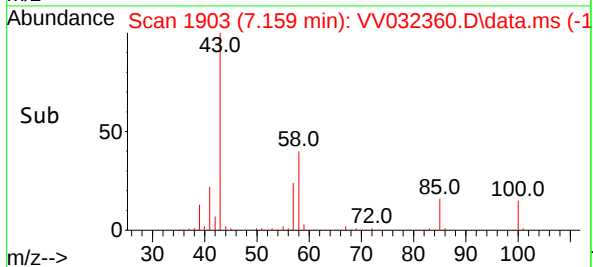
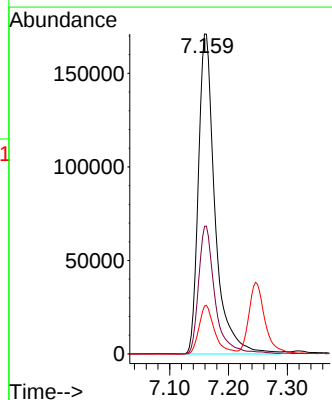
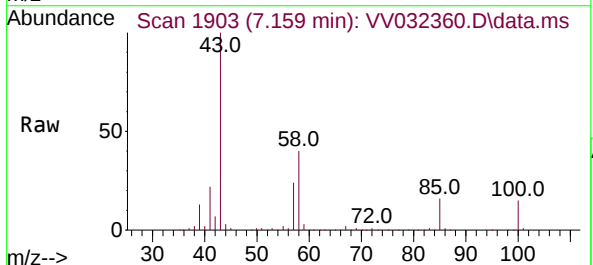
Tgt Ion: 43 Resp: 336154

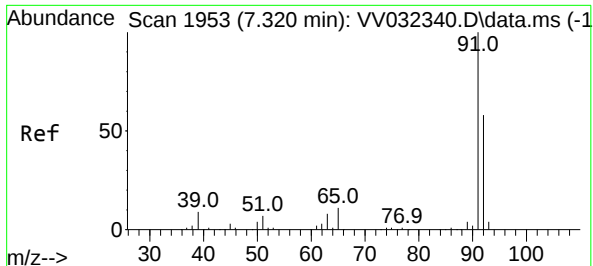
Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9

100 14.4 11.3 16.9





#42

Toluene

Concen: 5.545 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

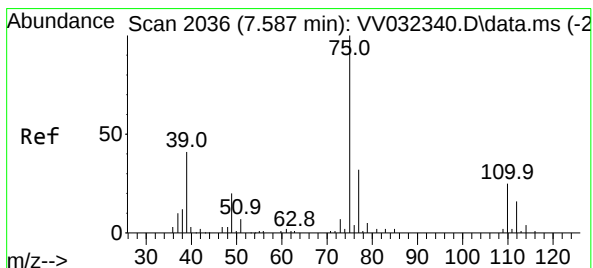
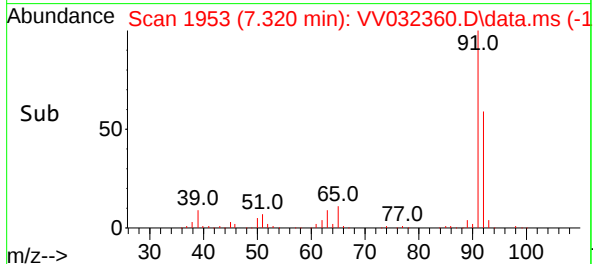
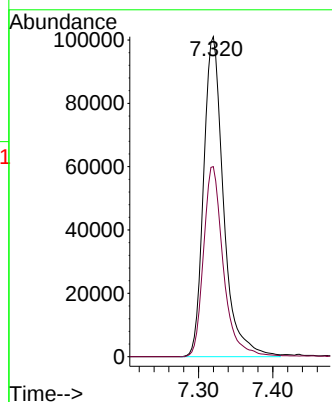
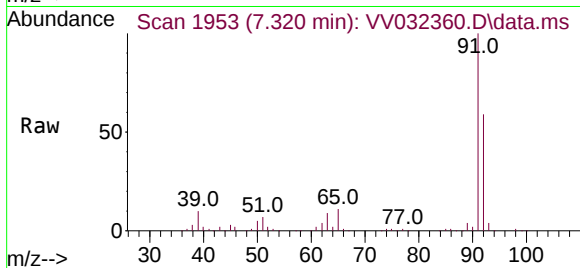
ClientSampleId :

Tgt Ion: 91 Resp: 188206

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.739 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032360.D

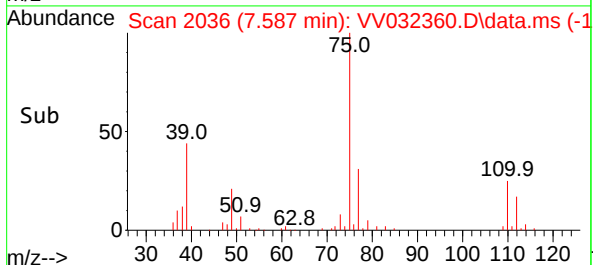
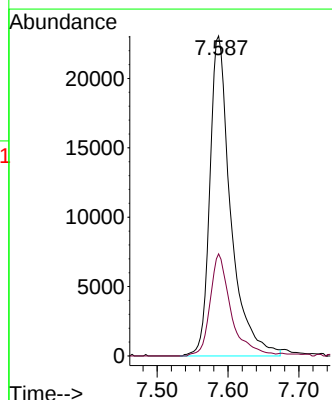
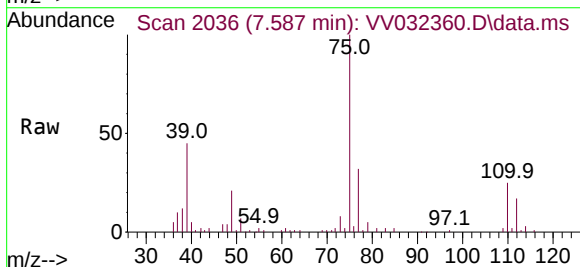
Acq: 10 Oct 2023 04:18

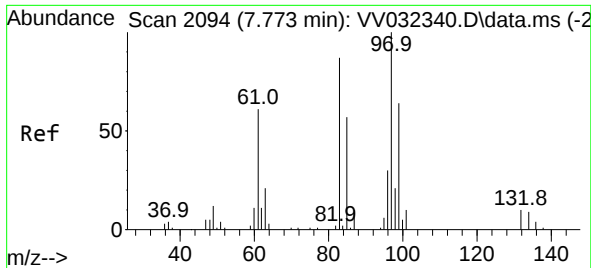
Tgt Ion: 75 Resp: 47194

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7

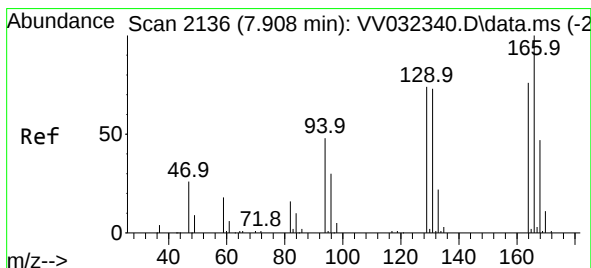
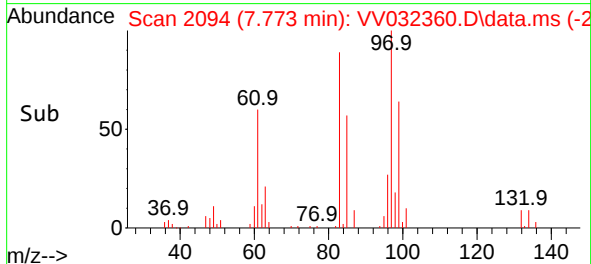
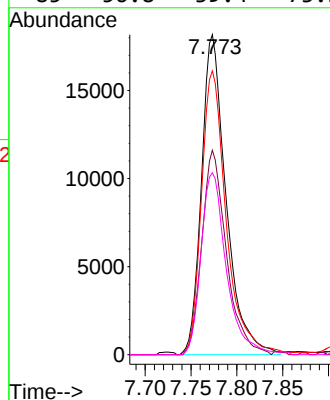
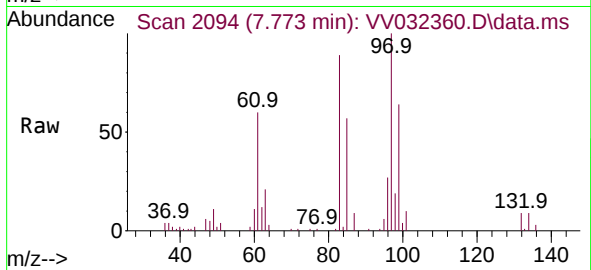




#45
1,1,2-Trichloroethane
Concen: 5.643 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

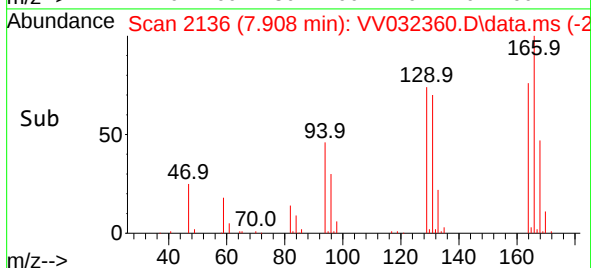
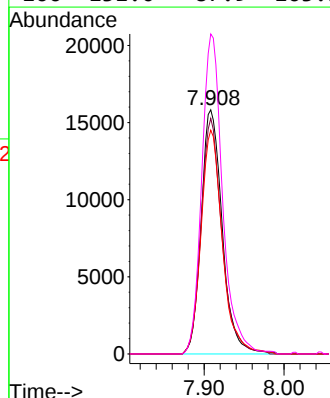
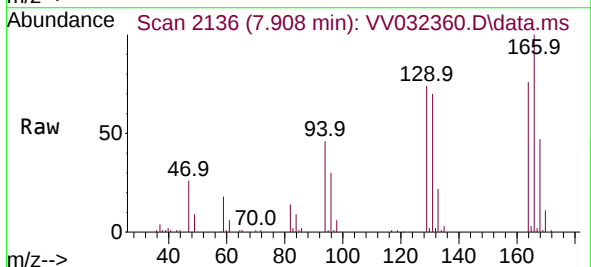
Instrument :
MSVOA_V
ClientSampleId :

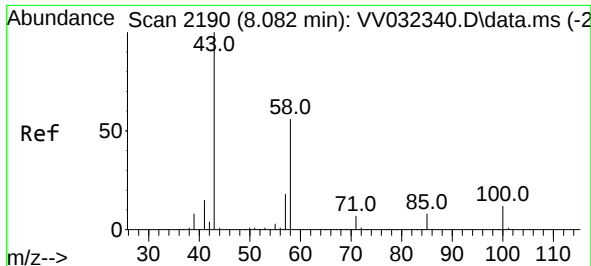
Tgt Ion:	97	Resp:	33894
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.8	79.4
83	88.7	60.9	113.1
85	56.8	39.4	73.2



#47
Tetrachloroethene
Concen: 4.400 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion:	164	Resp:	29003
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.4	123.4
131	91.6	63.7	118.3
166	131.0	87.9	163.3



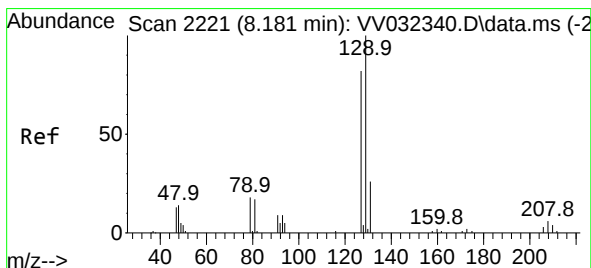
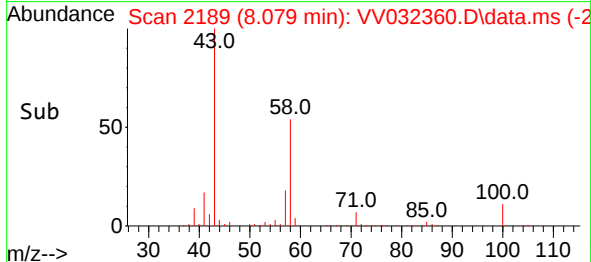
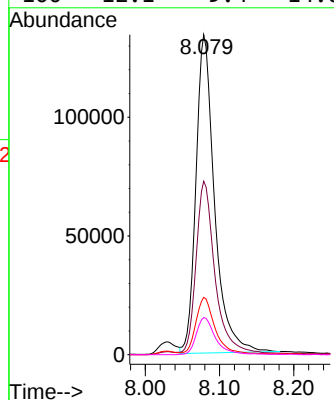
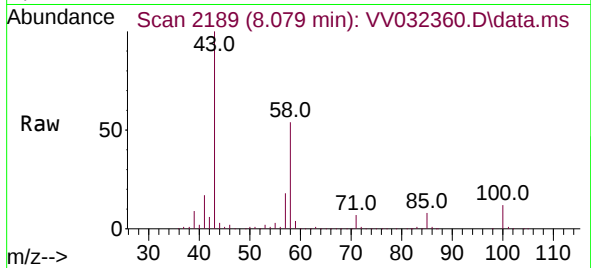


#48
2-Hexanone
Concen: 61.599 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 234179

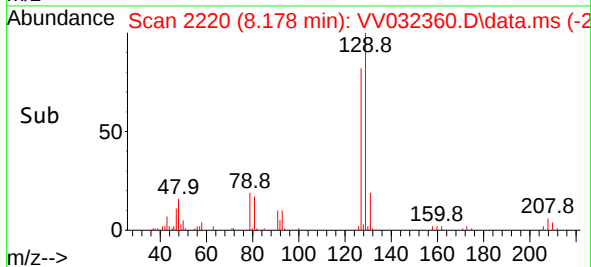
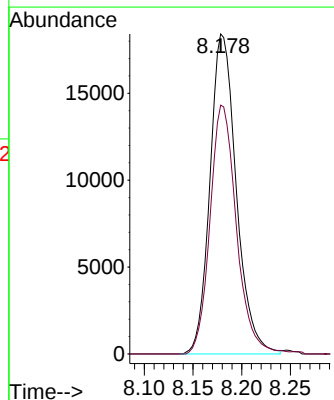
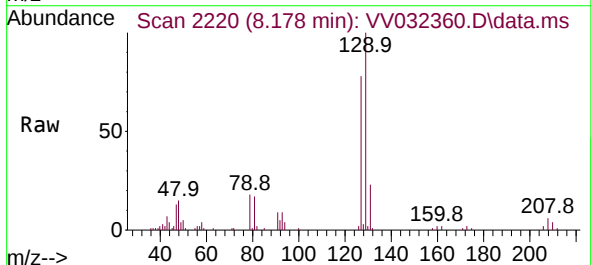
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.6	65.4
57	19.1	14.6	22.0
100	12.1	9.4	14.0

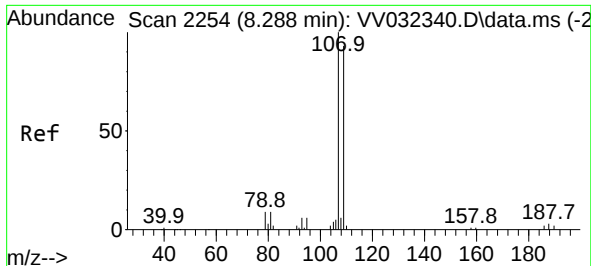


#49
Dibromochloromethane
Concen: 5.541 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 129 Resp: 34652

Ion	Ratio	Lower	Upper
129	100		
127	77.7	57.2	106.2





#50

1,2-Dibromoethane

Concen: 5.764 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

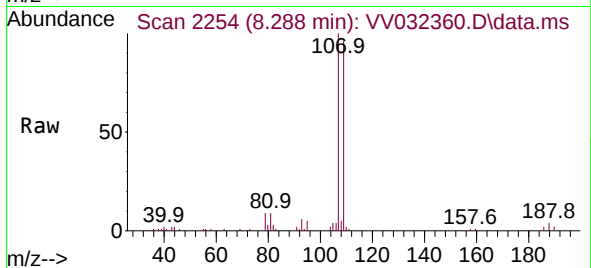
Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

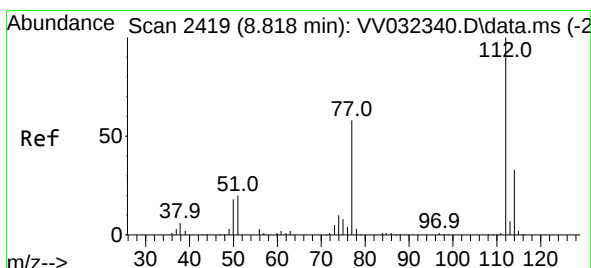
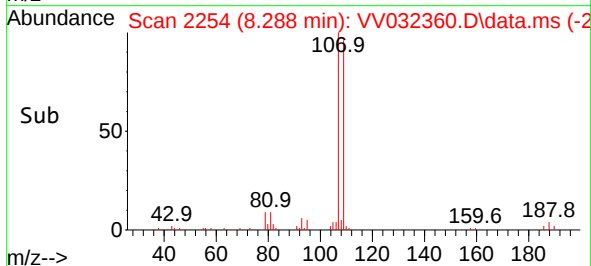
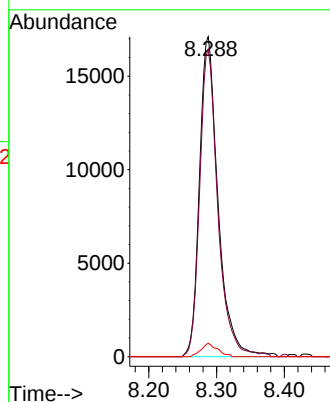
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	32746
Ion	Ratio	Lower	Upper
107	100		
109	96.1	68.4	127.0
188	4.2	3.2	4.8



#51

Chlorobenzene

Concen: 4.456 ug/L

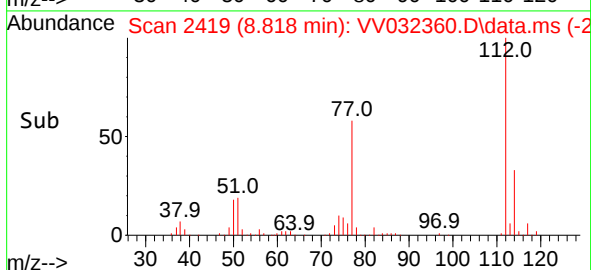
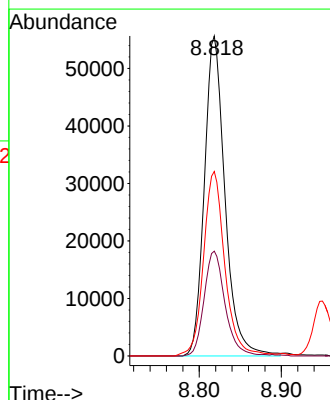
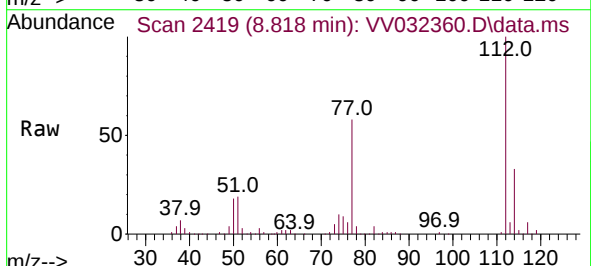
RT: 8.818 min Scan# 2419

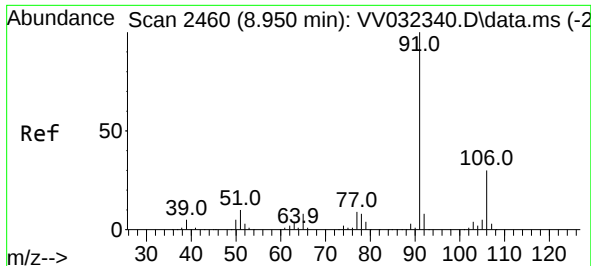
Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Tgt Ion:	112	Resp:	97378
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.1	41.1
77	57.6	46.1	69.1

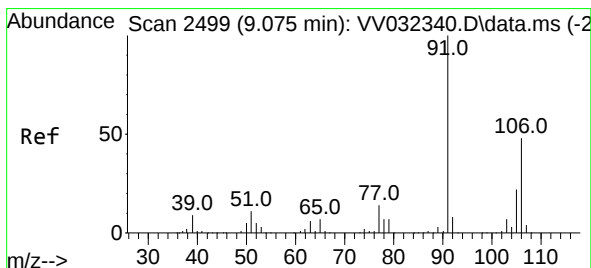
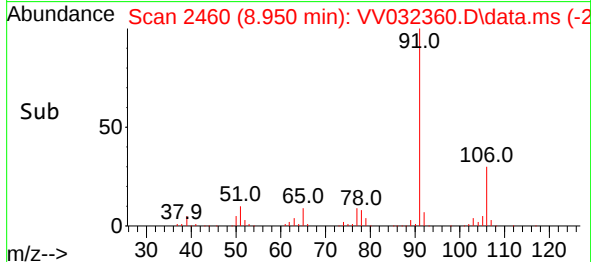
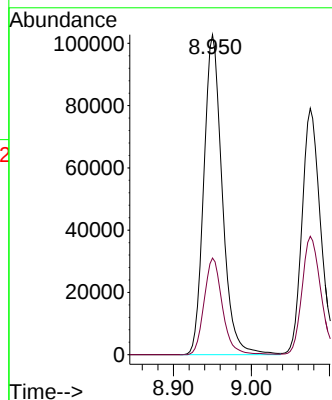
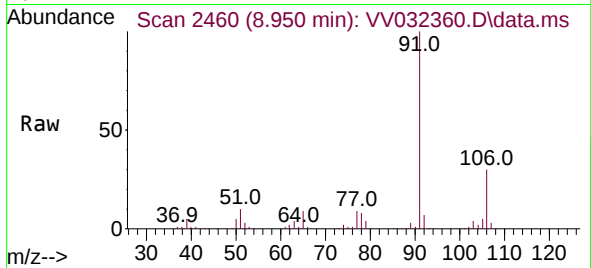




#52
Ethylbenzene
Concen: 4.465 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

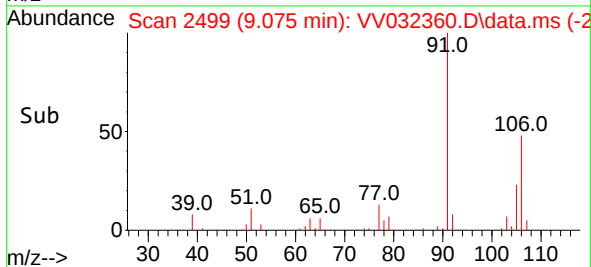
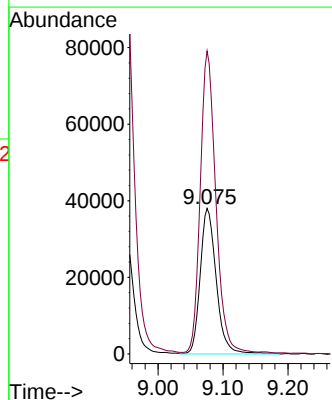
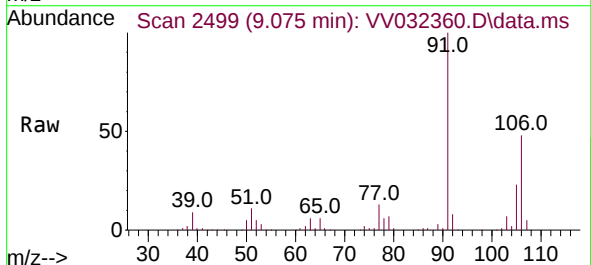
Instrument :
MSVOA_V
ClientSampleId :

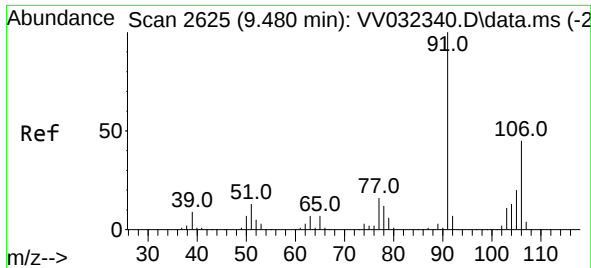
Tgt Ion: 91 Resp: 168740
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 4.674 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 106 Resp: 65512
Ion Ratio Lower Upper
106 100
91 208.2 144.5 268.3

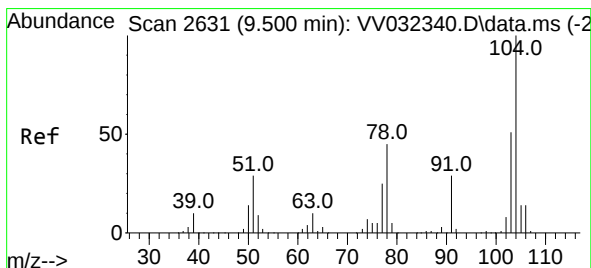
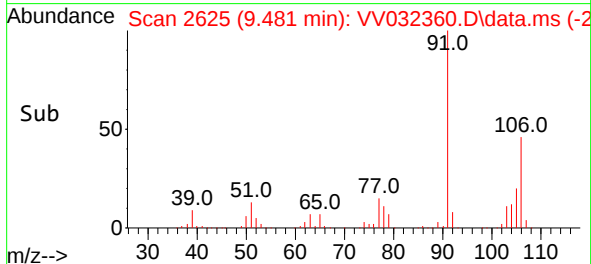
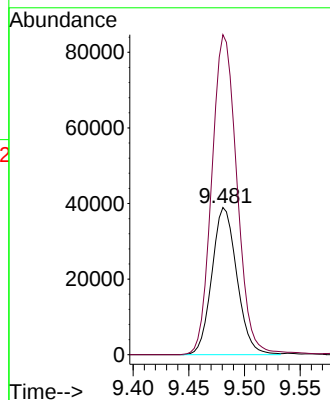
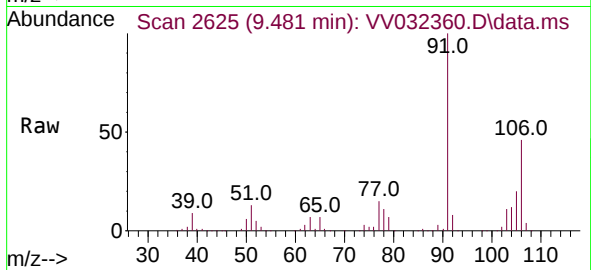




#54
o-Xylene
Concen: 4.501 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

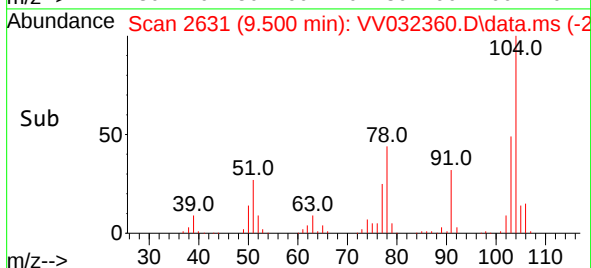
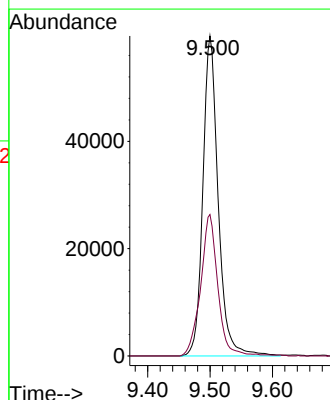
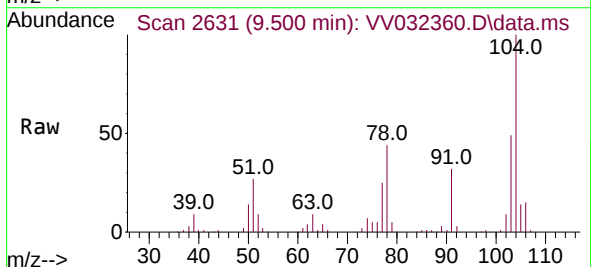
Instrument :
MSVOA_V
ClientSampleId :

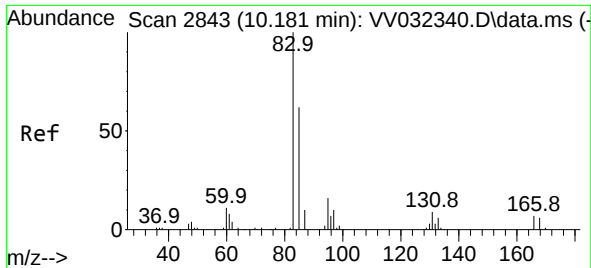
Tgt Ion:106 Resp: 60795
Ion Ratio Lower Upper
106 100
91 217.3 154.8 287.4



#55
Styrene
Concen: 4.470 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion:104 Resp: 101960
Ion Ratio Lower Upper
104 100
78 44.2 29.9 55.5

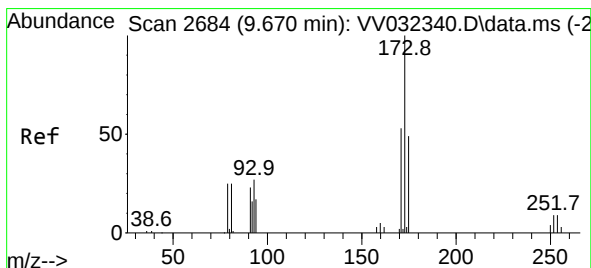
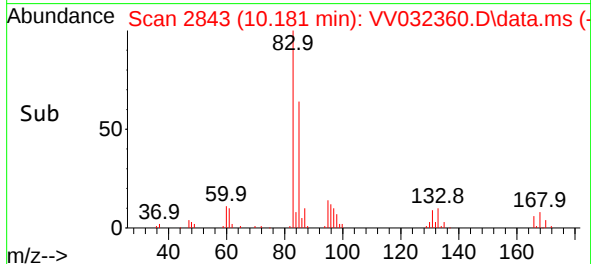
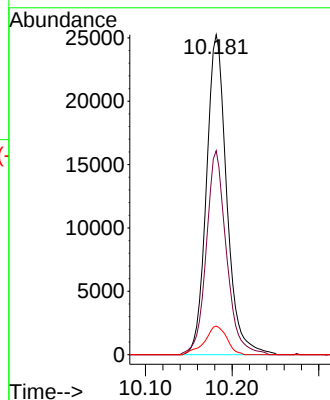
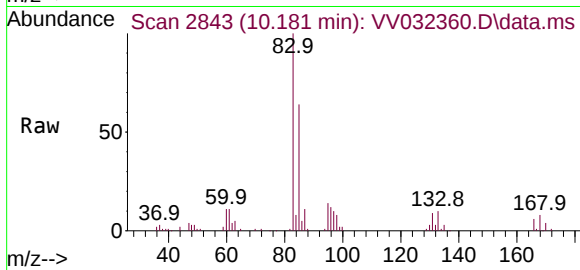




#57
1,1,2,2-Tetrachloroethane
Concen: 6.221 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

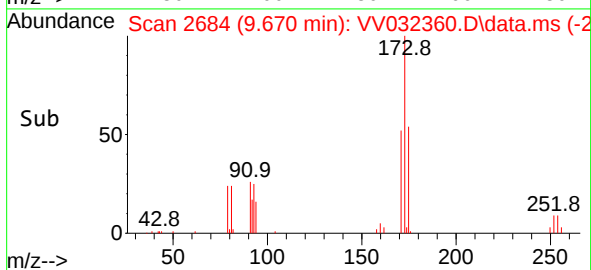
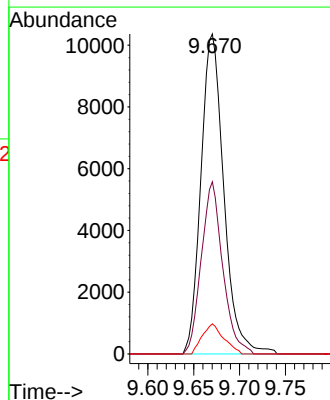
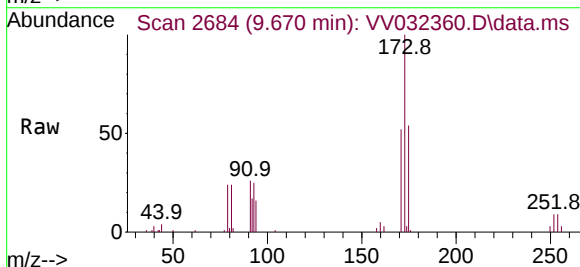
Instrument :
MSVOA_V
ClientSampleId :

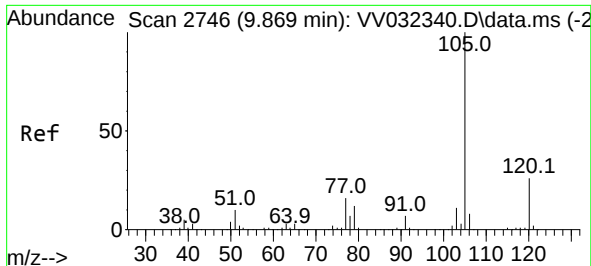
Tgt Ion: 83 Resp: 41116
Ion Ratio Lower Upper
83 100
85 63.8 43.6 81.0
131 9.0 7.0 10.6



#59
Bromoform
Concen: 5.881 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

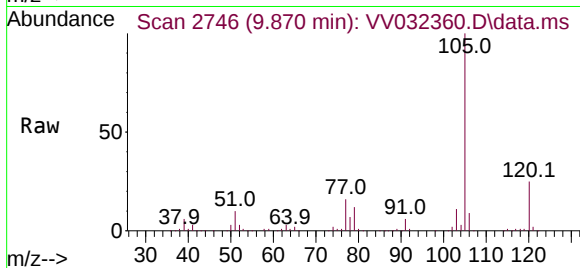
Tgt Ion: 173 Resp: 18003
Ion Ratio Lower Upper
173 100
175 50.3 38.2 57.2
254 8.8 7.0 10.4



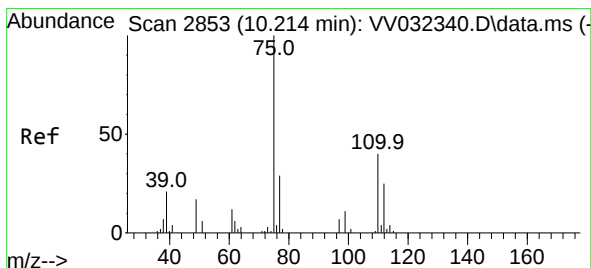
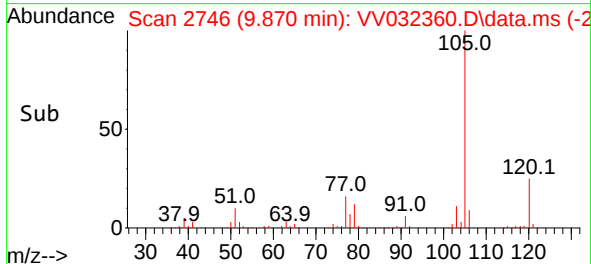
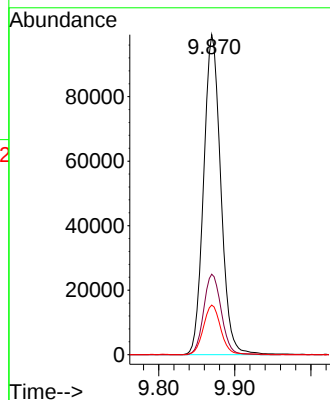


#60
Isopropylbenzene
Concen: 4.759 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Instrument :
MSVOA_V
ClientSampleId :

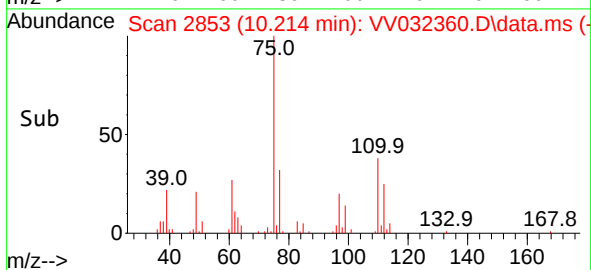
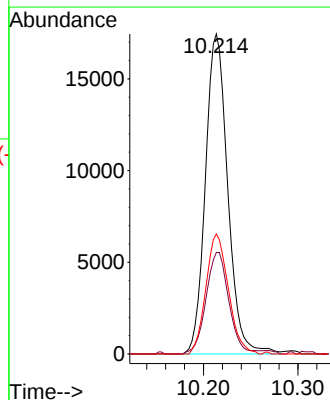
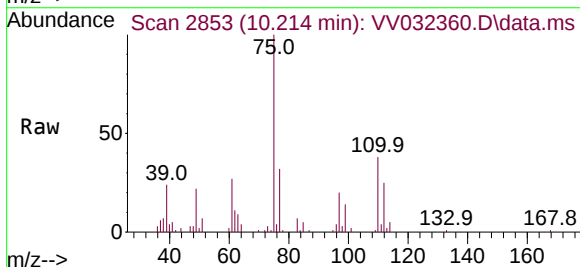


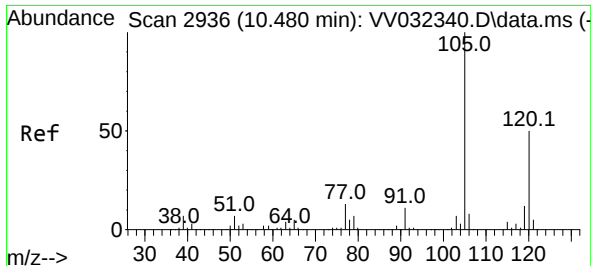
Tgt Ion:105 Resp: 155710
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.396 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion: 75 Resp: 28657
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 37.6 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.436 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

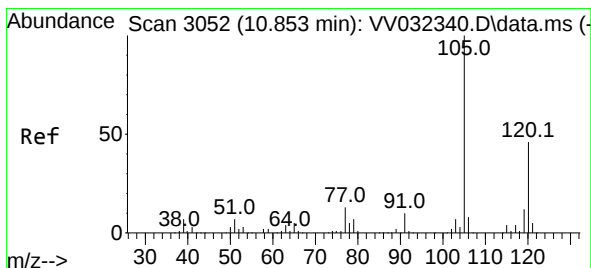
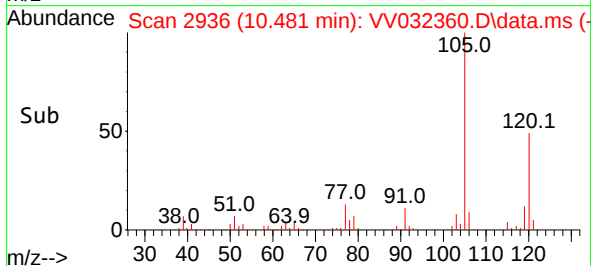
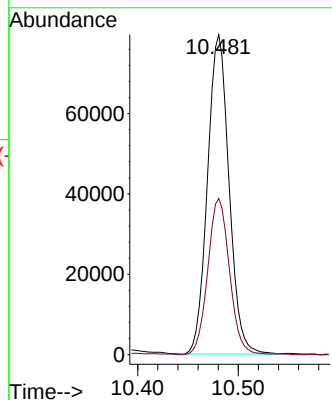
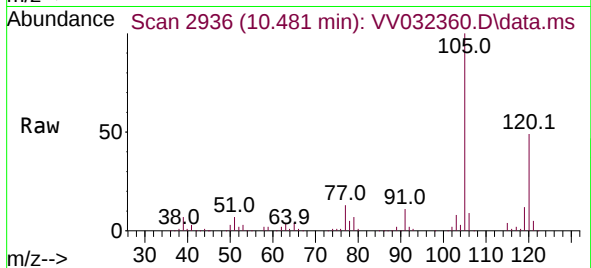
ClientSampleId :

Tgt Ion:105 Resp: 118278

Ion Ratio Lower Upper

105 100

120 49.4 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.572 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032360.D

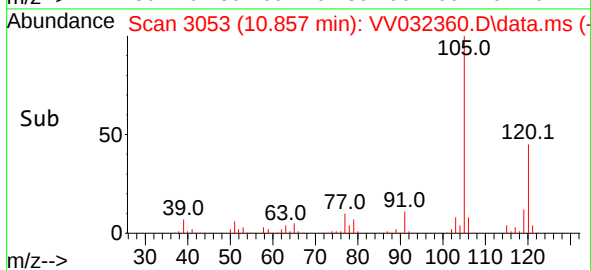
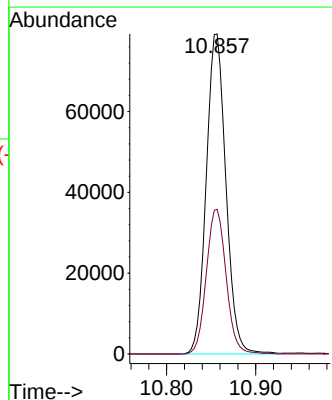
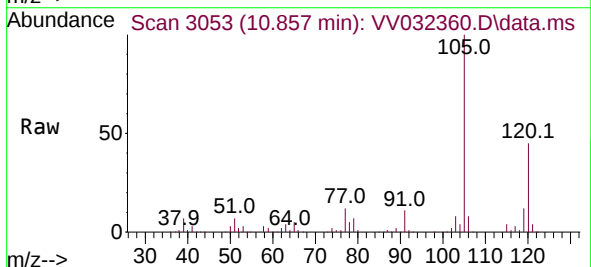
Acq: 10 Oct 2023 04:18

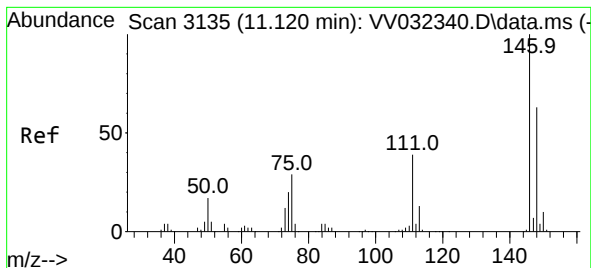
Tgt Ion:105 Resp: 121379

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 4.414 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

ClientSampleId :

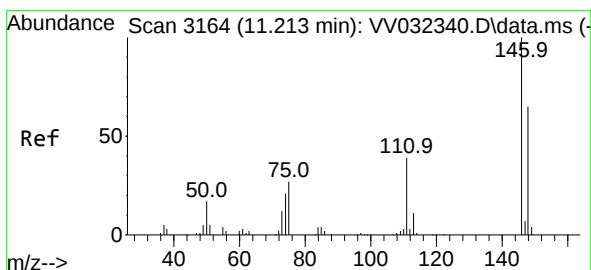
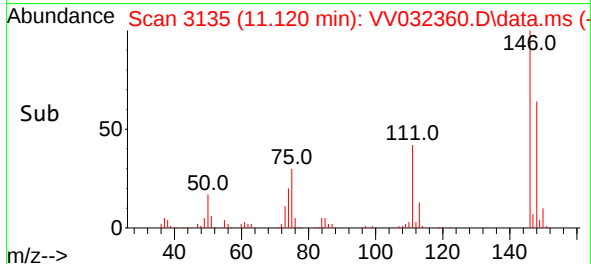
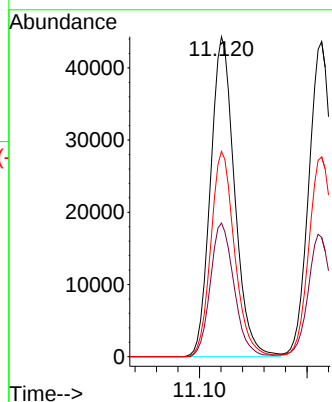
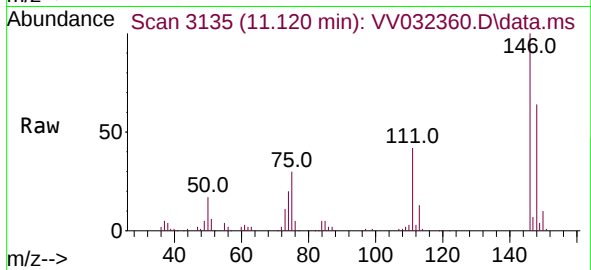
Tgt Ion:146 Resp: 68988

Ion Ratio Lower Upper

146 100

111 41.7 27.8 51.6

148 64.1 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.398 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

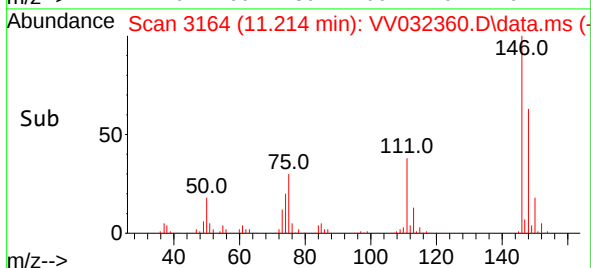
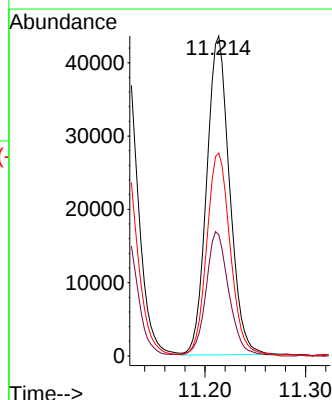
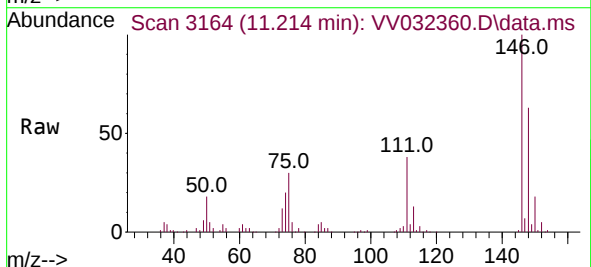
Tgt Ion:146 Resp: 68959

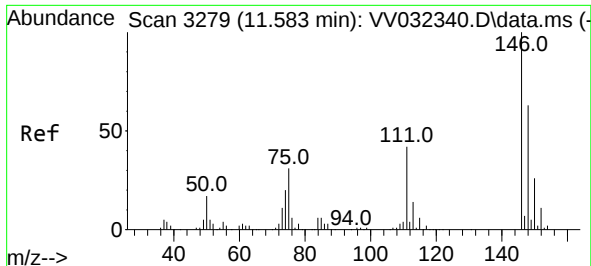
Ion Ratio Lower Upper

146 100

111 37.9 26.9 49.9

148 63.4 44.8 83.2

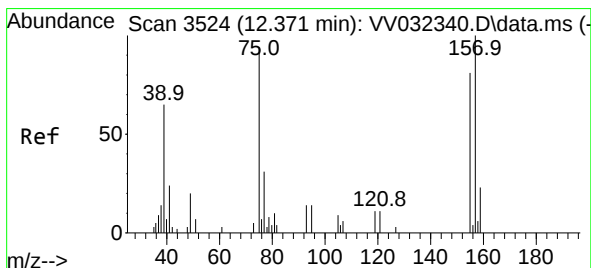
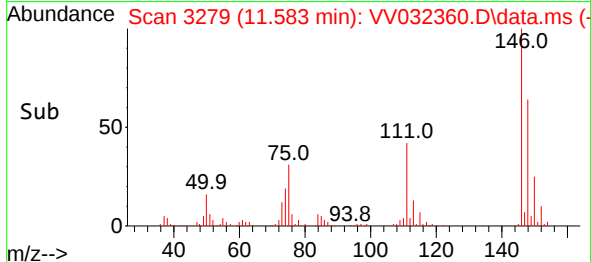
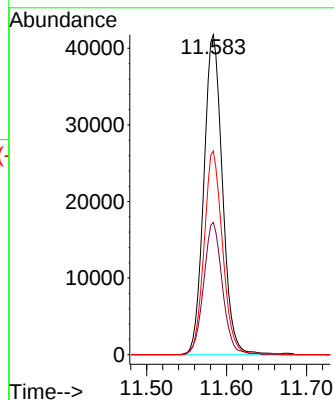
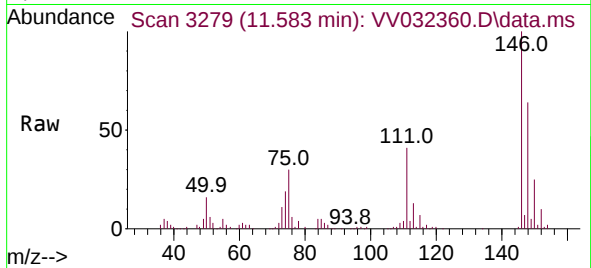




#67
 1,2-Dichlorobenzene
 Concen: 4.753 ug/L
 RT: 11.583 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

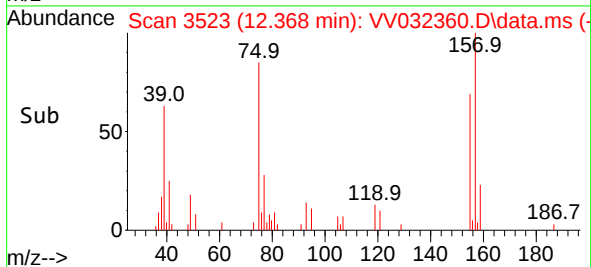
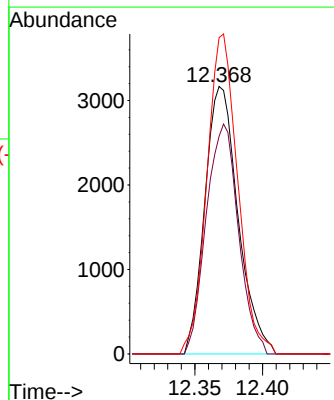
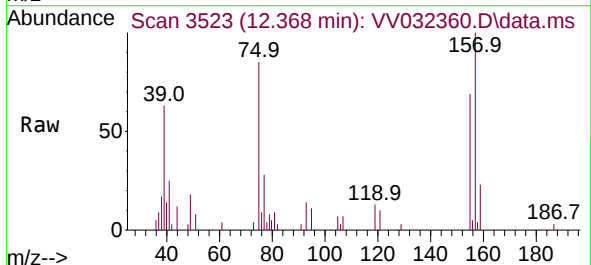
Instrument :
 MSVOA_V
 ClientSampleId :

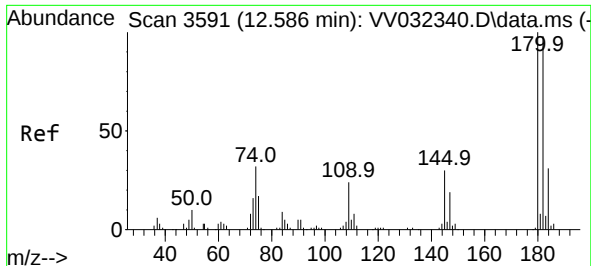
Tgt Ion:146 Resp: 67753
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.8 49.2
 148 63.6 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.893 ug/L
 RT: 12.368 min Scan# 3523
 Delta R.T. -0.003 min
 Lab File: VV032360.D
 Acq: 10 Oct 2023 04:18

Tgt Ion: 75 Resp: 5395
 Ion Ratio Lower Upper
 75 100
 155 81.4 70.2 105.4
 157 118.3 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 3.938 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

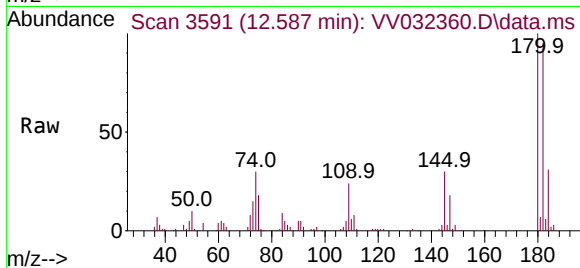
Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 45079

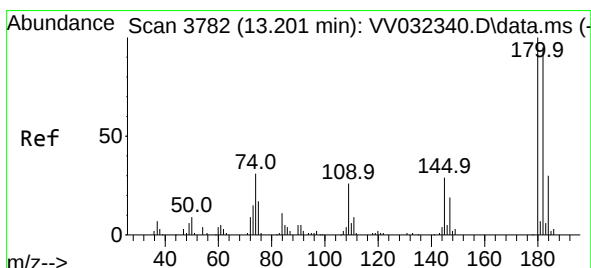
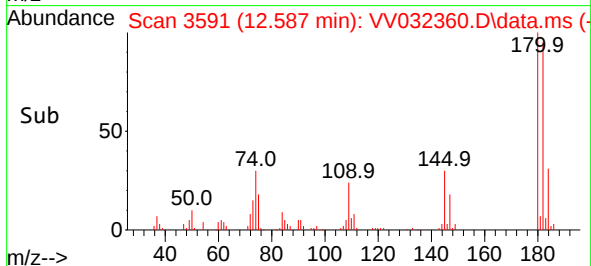
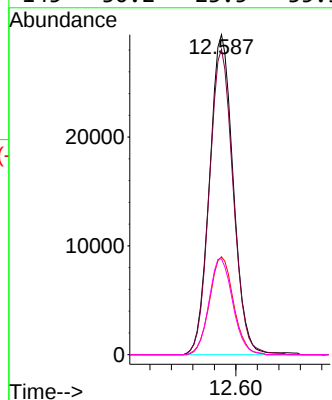
Ion Ratio Lower Upper

180 100

182 95.8 74.6 112.0

184 30.8 24.1 36.1

145 30.2 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 3.892 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032360.D

Acq: 10 Oct 2023 04:18

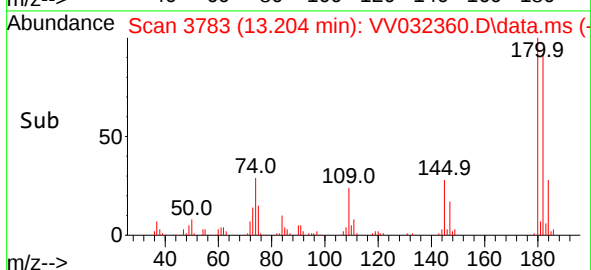
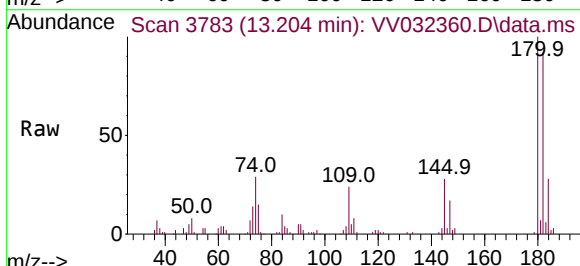
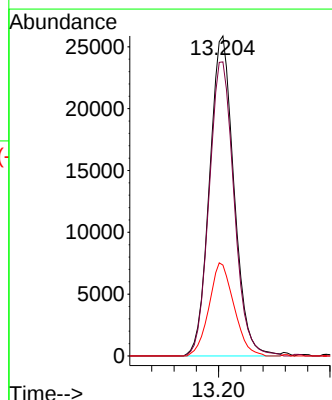
Tgt Ion:180 Resp: 39511

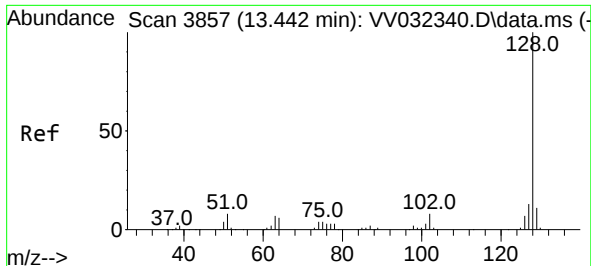
Ion Ratio Lower Upper

180 100

182 93.5 76.5 114.7

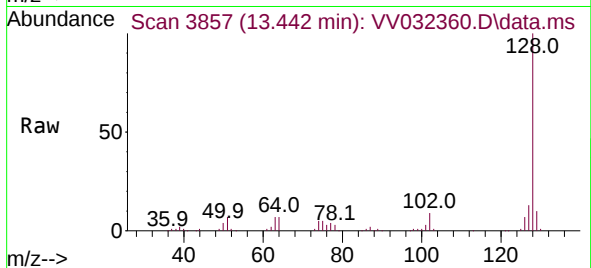
145 29.6 24.3 36.5



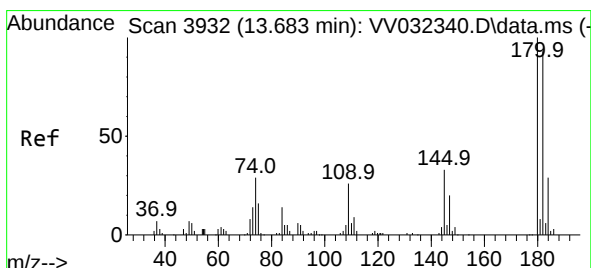
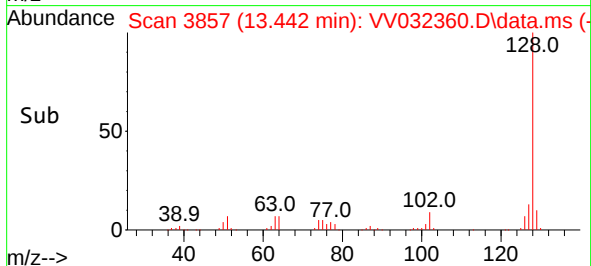
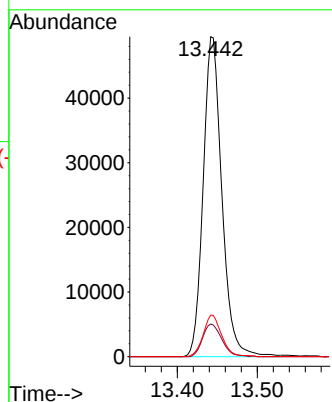


#71
Naphthalene
Concen: 4.669 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 80527
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.228 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032360.D
Acq: 10 Oct 2023 04:18

Tgt Ion:180 Resp: 36984
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
145 32.8 25.7 38.5

