

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032459.D
 Acq On : 18 Oct 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	104940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50494	5.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.400%
7) Chloroethane-d5	1.532	69	42599	6.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.000%
11) 1,1-Dichloroethene-d2	2.059	65	20733	5.760	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.200%
20) 2-Butanone-d5	3.809	46	105412	48.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	4.252	84	84958	5.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	4.944	65	38923	5.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	4.963	84	161397	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.992	67	50485	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.246	98	160309	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.558	79	18483	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.030	63	91238	48.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37947	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	53810	4.779	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	66551	5.691	ug/L	98
3) Chloromethane	1.217	50	63983	5.427	ug/L	99
5) Vinyl chloride	1.281	62	64456	5.733	ug/L	98
6) Bromomethane	1.490	94	34514	5.082	ug/L	99
8) Chloroethane	1.551	64	40393	5.967	ug/L	99
9) Trichlorofluoromethane	1.715	101	77513	5.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48997	5.997	ug/L	97
12) 1,1-Dichloroethene	2.069	96	43920	5.707	ug/L	98
13) Acetone	2.137	43	100311	60.282	ug/L	98
14) Carbon disulfide	2.243	76	130878	4.865	ug/L	99
15) Methyl Acetate	2.387	43	19057	5.087	ug/L	95
16) Methylene chloride	2.449	84	51101	5.093	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	108646	5.185	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	47689	5.410	ug/L	98
19) 1,1-Dichloroethane	3.114	63	93406	5.633	ug/L	99
21) 2-Butanone	3.886	43	139035	53.430	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	51092	5.383	ug/L	94
23) Bromochloromethane	4.153	128	21197	5.308	ug/L	97
25) Chloroform	4.278	83	94262	5.793	ug/L	97

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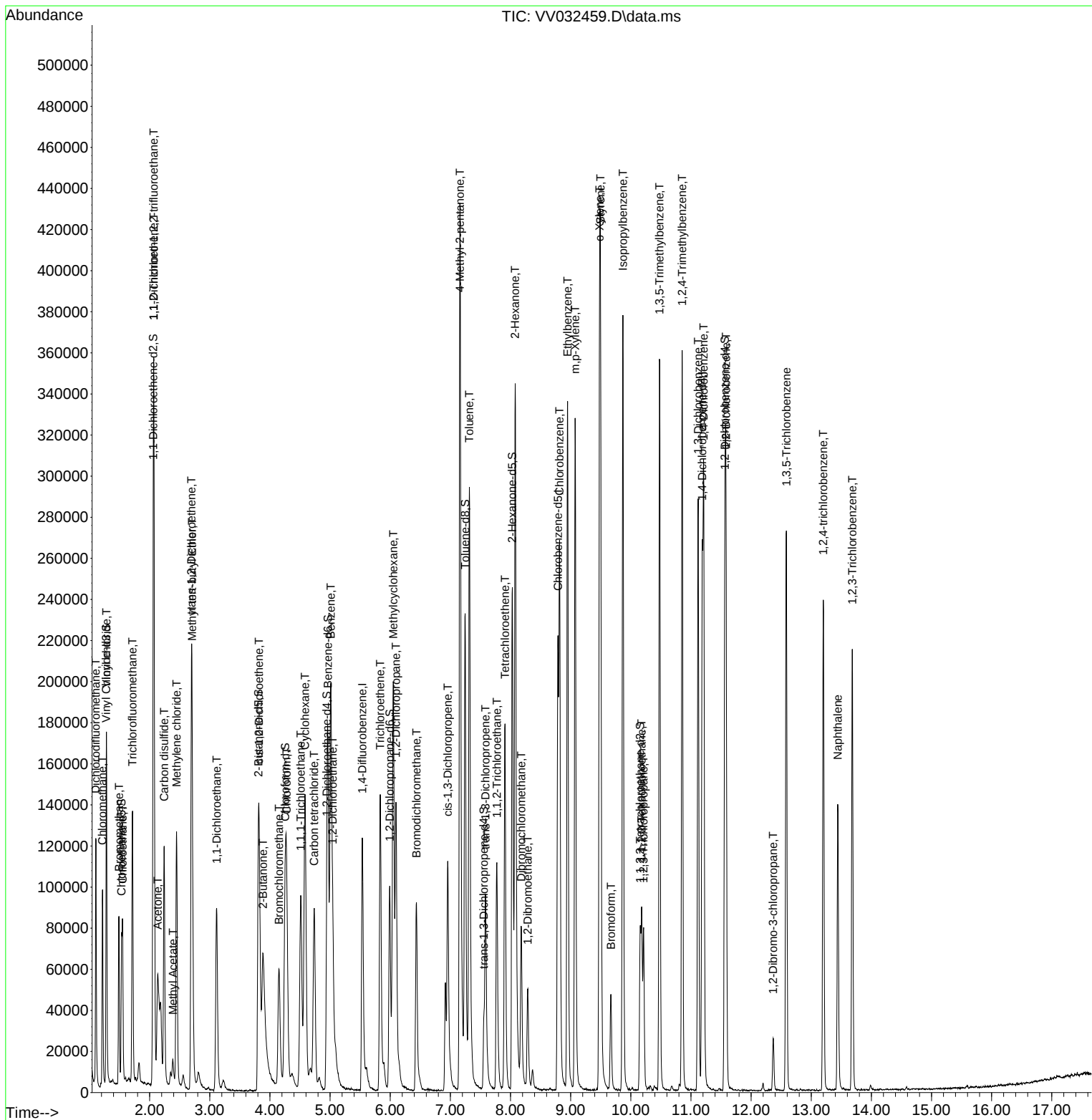
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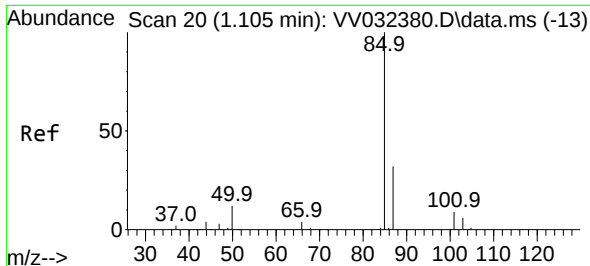
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	55278	5.751	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	78117	4.944	ug/L	98
30) Cyclohexane	4.584	56	76877	4.427	ug/L	96
31) Carbon tetrachloride	4.735	117	66601	4.981	ug/L	98
33) Benzene	5.011	78	195808	4.785	ug/L	100
34) Trichloroethene	5.834	95	51782	4.636	ug/L	98
35) Methylcyclohexane	6.053	83	71840	4.156	ug/L	89
37) 1,2-Dichloropropane	6.095	63	57042	5.213	ug/L	99
38) Bromodichloromethane	6.436	83	67714	5.208	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	73651	4.729	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	329395	47.565	ug/L	98
42) Toluene	7.317	91	226319	5.188	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	58015	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	38917	5.041	ug/L	97
47) Tetrachloroethene	7.908	164	40584	4.791	ug/L	96
48) 2-Hexanone	8.079	43	243024	49.739	ug/L	99
49) Dibromochloromethane	8.178	129	40669	5.060	ug/L	94
50) 1,2-Dibromoethane	8.288	107	34890	4.778	ug/L	95
51) Chlorobenzene	8.815	112	140887	5.017	ug/L	97
52) Ethylbenzene	8.950	91	241406	4.970	ug/L	98
53) m,p-Xylene	9.075	106	92839	5.154	ug/L	99
54) o-Xylene	9.480	106	87642	5.049	ug/L	96
55) Styrene	9.496	104	152386	5.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	42362	4.987	ug/L	99
59) Bromoform	9.670	173	21422	4.855	ug/L	100
60) Isopropylbenzene	9.869	105	236765	5.020	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30183	4.673	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	185305	4.821	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	189274	4.946	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	112458	4.992	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	112638	4.983	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	100978	4.914	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6425	4.869	ug/L	88
69) 1,3,5-Trichlorobenzene	12.586	180	82604	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	67372	4.604	ug/L	100
71) Naphthalene	13.442	128	107423	4.321	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	61147	4.849	ug/L	99

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

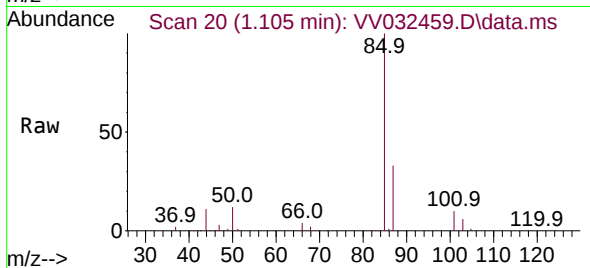
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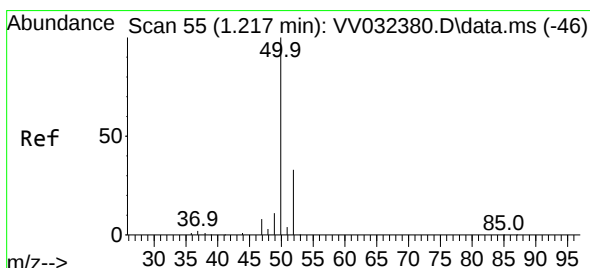
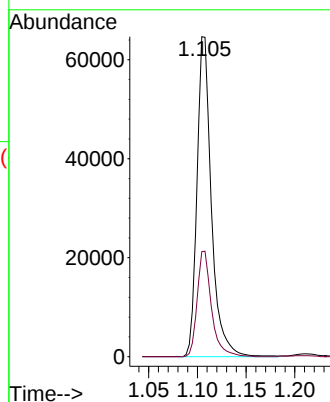
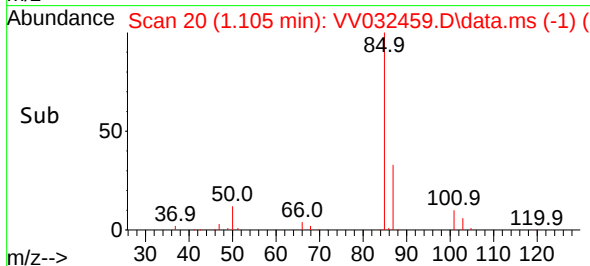


#2
 Dichlorodifluoromethane
 Concen: 5.691 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032459.D
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 MSVOA_V
 ClientSampleId :

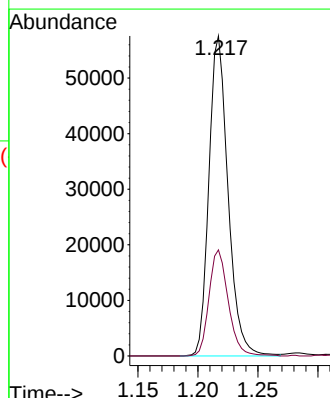
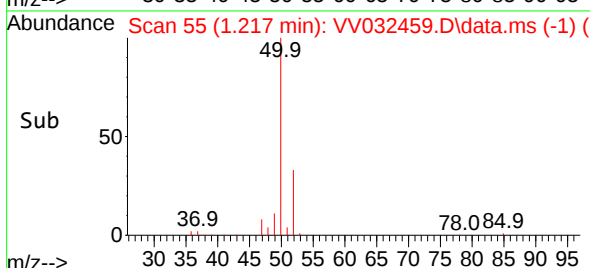
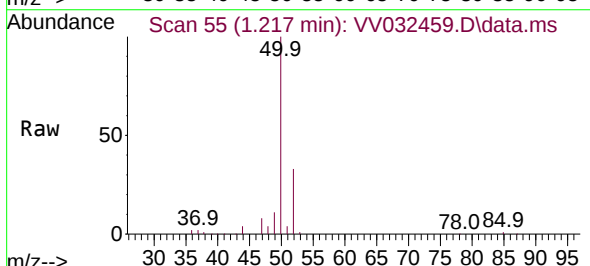


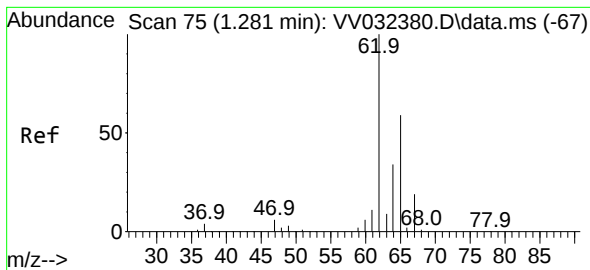
Tgt Ion: 85 Resp: 66551
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 5.427 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032459.D
 Acq: 18 Oct 2023 09:44

Tgt Ion: 50 Resp: 63983
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6





#5

Vinyl chloride

Concen: 5.733 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

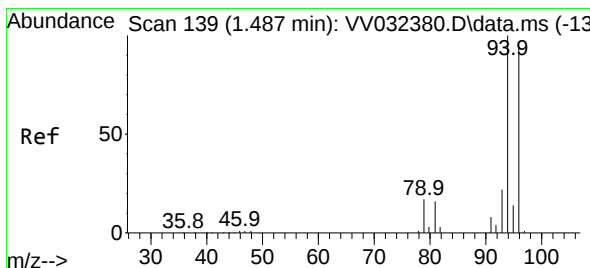
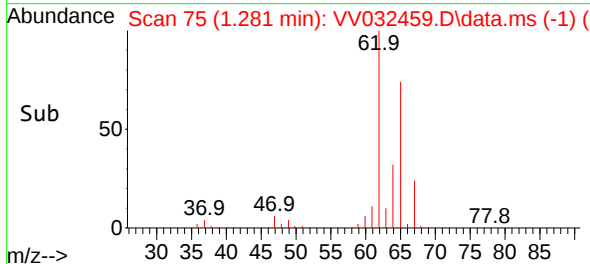
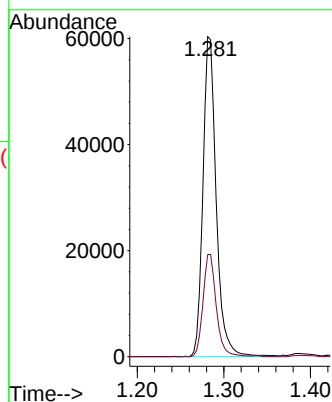
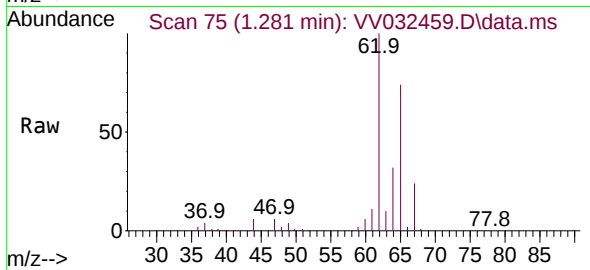
ClientSampleId :

Tgt Ion: 62 Resp: 64456

Ion Ratio Lower Upper

62 100

64 31.9 23.1 42.9



#6

Bromomethane

Concen: 5.082 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV032459.D

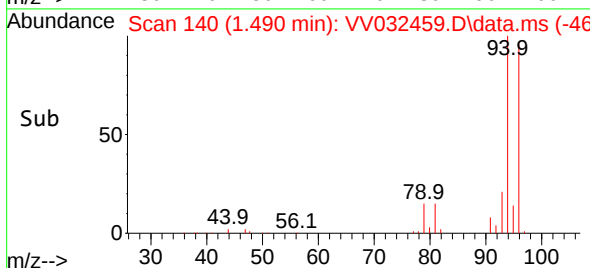
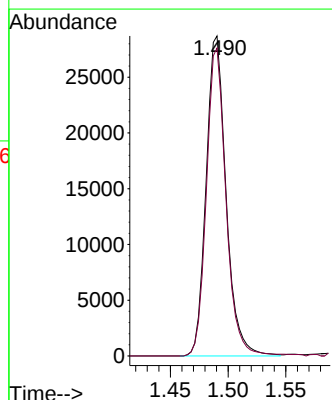
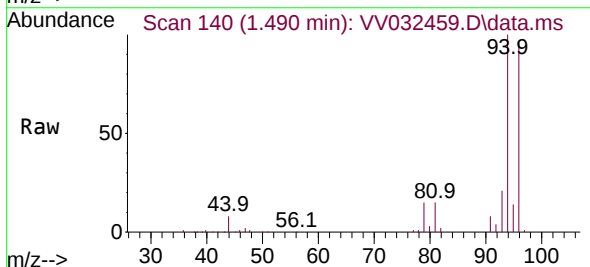
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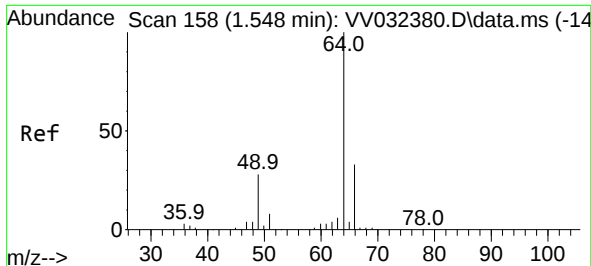
Tgt Ion: 94 Resp: 34514

Ion Ratio Lower Upper

94 100

96 96.2 66.8 124.2

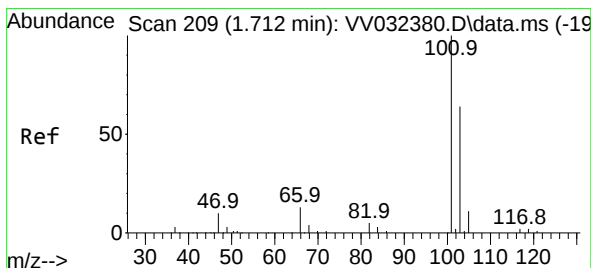
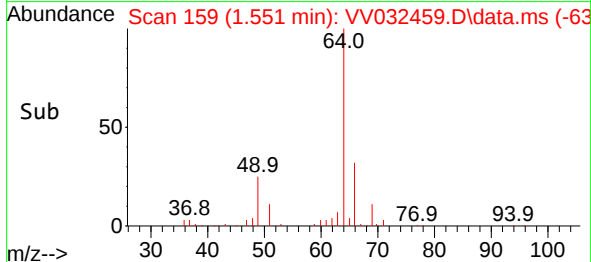
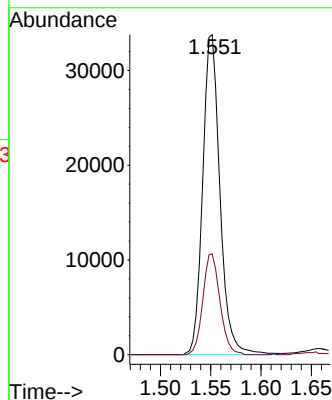
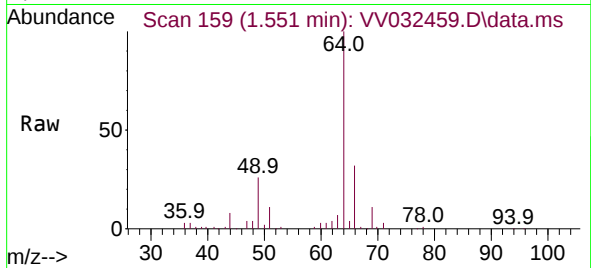




#8
Chloroethane
Concen: 5.967 ug/L
RT: 1.551 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

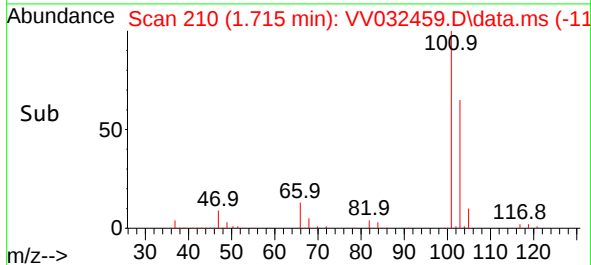
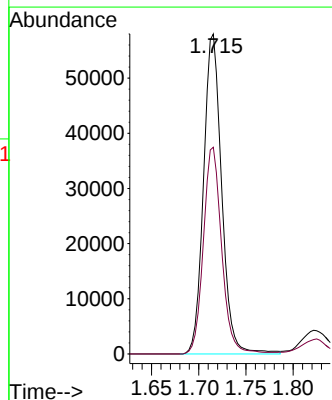
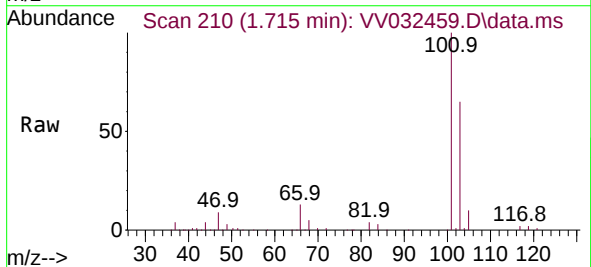
Instrument :
MSVOA_V
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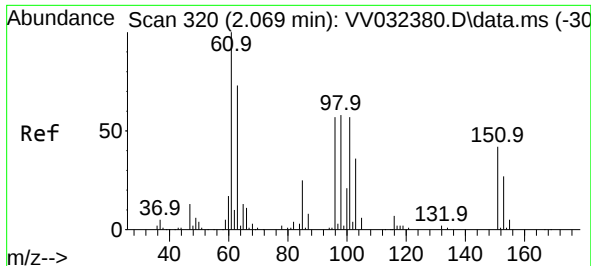
Tgt Ion: 64 Resp: 40393
Ion Ratio Lower Upper
64 100
66 31.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.749 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.019 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion:101 Resp: 77513
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2





#10

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

Concen: 5.997 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV032459.D

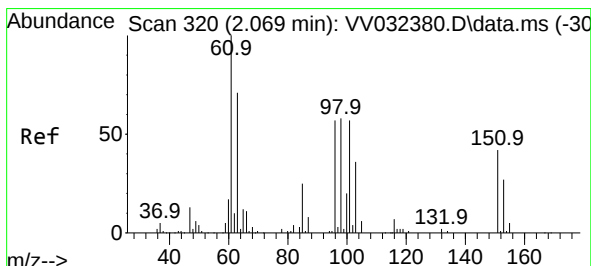
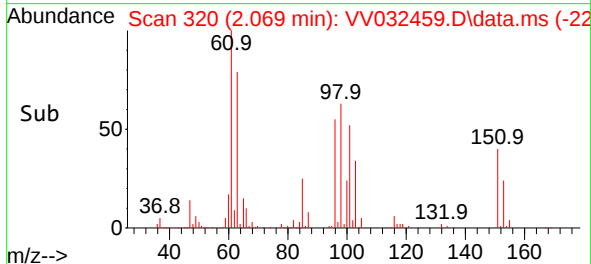
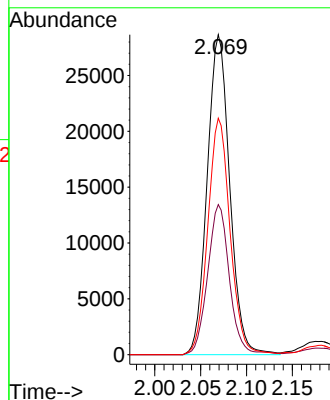
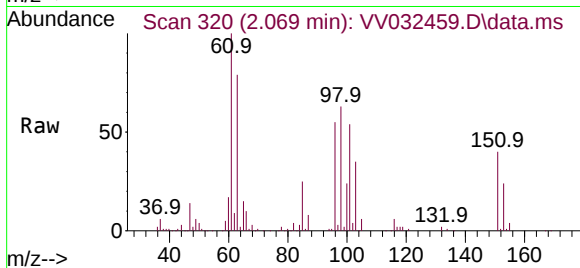
Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	48997
Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.0	52.6
151	73.0	56.6	84.8



#12

1,1-Dichloroethene

Concen: 5.707 ug/L

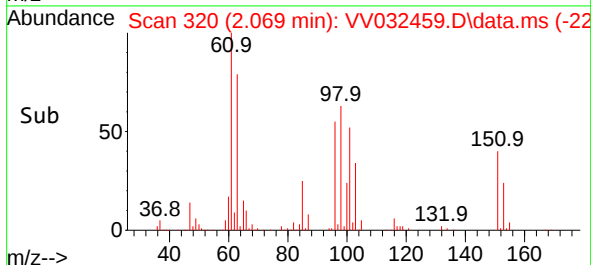
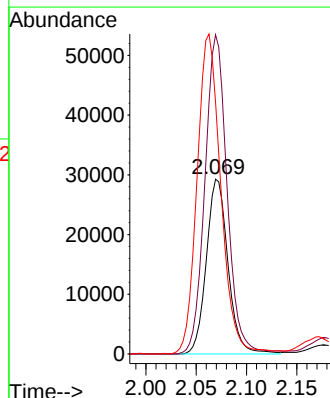
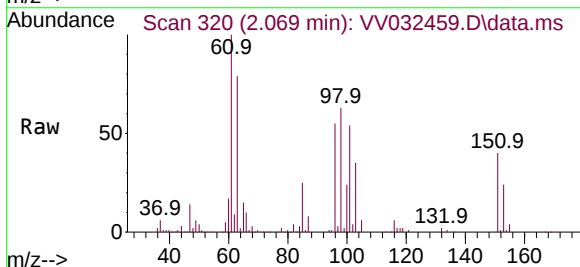
RT: 2.069 min Scan# 320

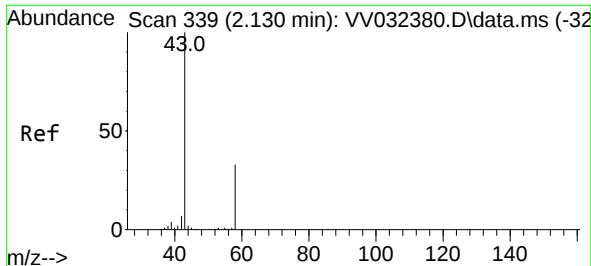
Delta R.T. 0.013 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Tgt Ion:	96	Resp:	43920
Ion	Ratio	Lower	Upper
96	100		
61	182.8	127.3	236.3
63	144.0	98.3	182.7





#13

Acetone

Concen: 60.282 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.006 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

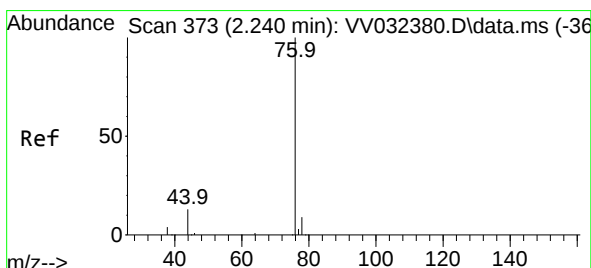
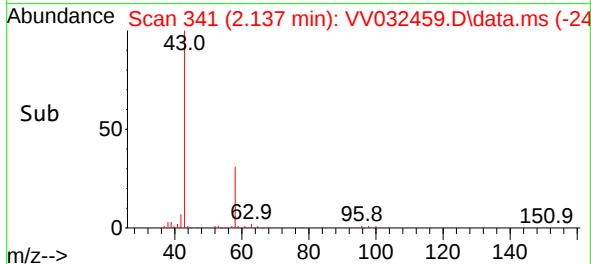
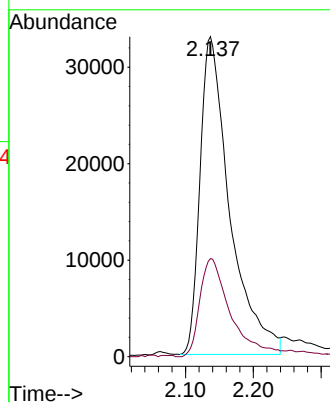
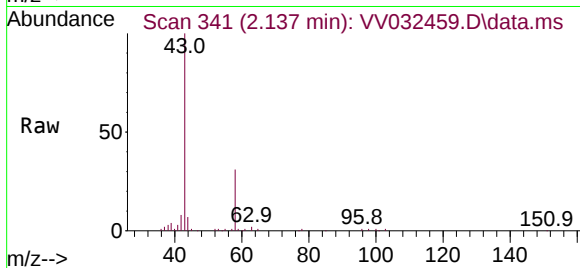
ClientSampleId :

Tgt Ion: 43 Resp: 100311

Ion Ratio Lower Upper

43 100

58 32.1 0.0 66.0



#14

Carbon disulfide

Concen: 4.865 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.016 min

Lab File: VV032459.D

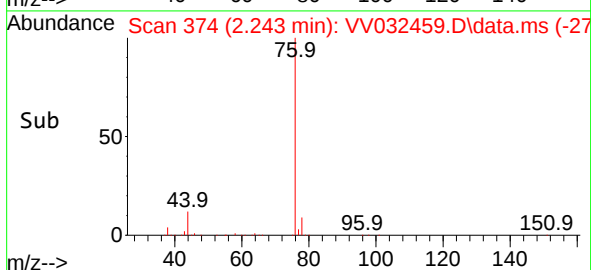
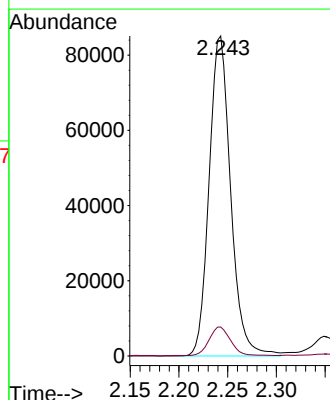
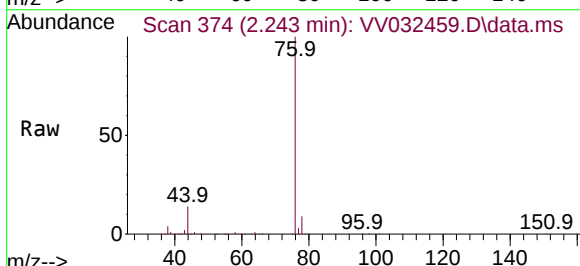
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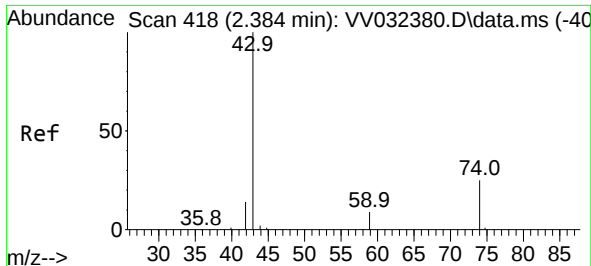
Tgt Ion: 76 Resp: 130878

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

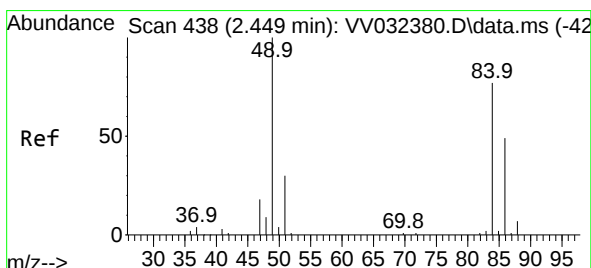
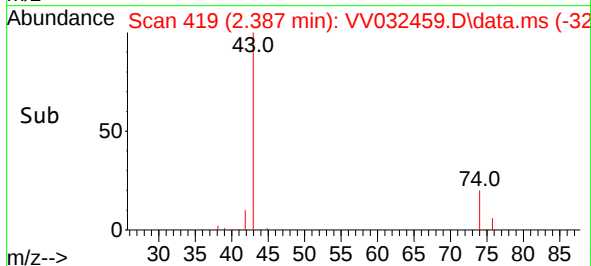
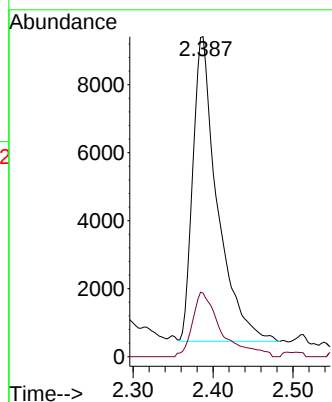
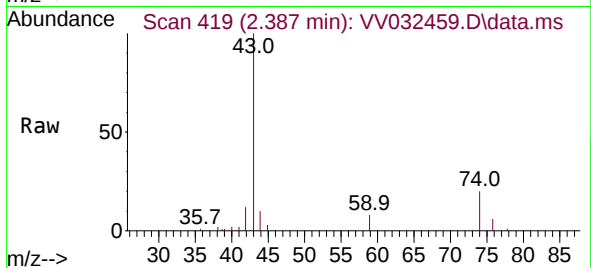




#15
Methyl Acetate
Concen: 5.087 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

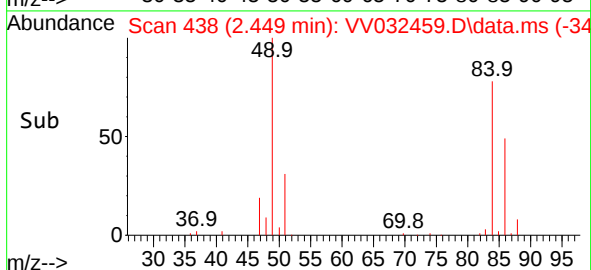
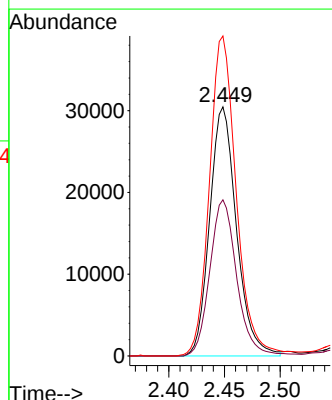
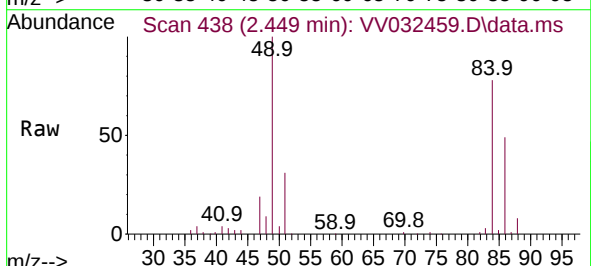
Instrument :
MSVOA_V
ClientSampleId :

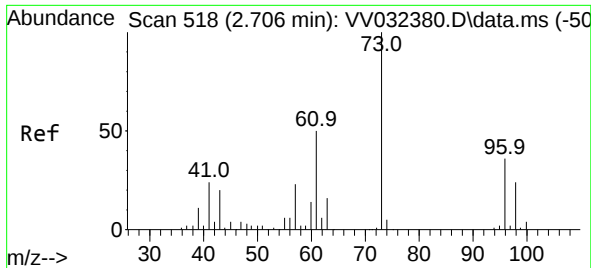
Tgt Ion: 43 Resp: 19057
Ion Ratio Lower Upper
43 100
74 24.8 18.0 27.0



#16
Methylene chloride
Concen: 5.093 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.010 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 84 Resp: 51101
Ion Ratio Lower Upper
84 100
86 62.7 43.2 80.2
49 128.5 86.3 160.3

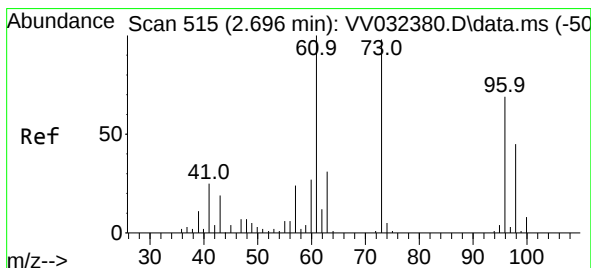
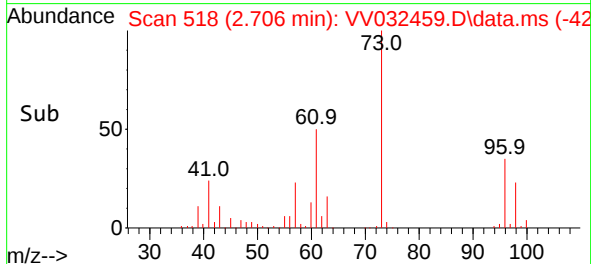
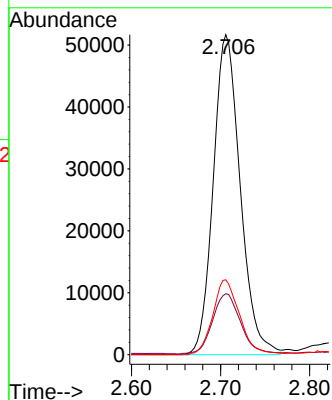
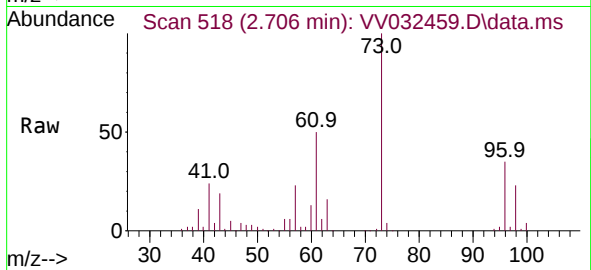




#17
Methyl tert-butyl Ether
Concen: 5.185 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

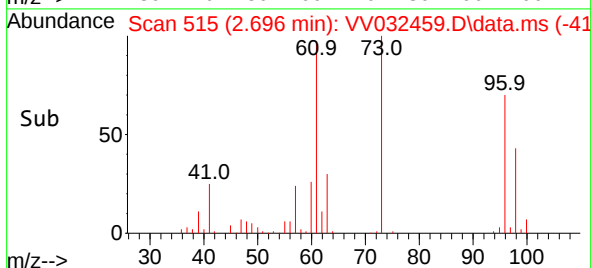
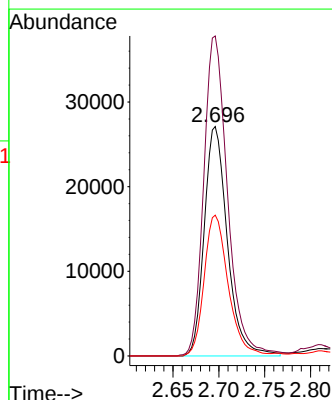
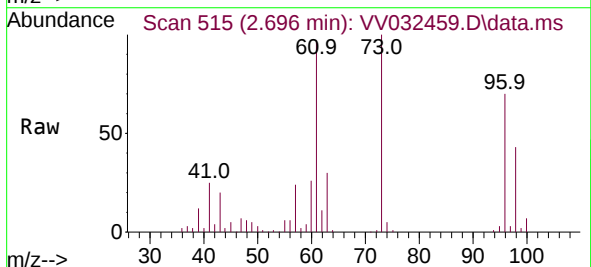
Instrument :
MSVOA_V
ClientSampleId :

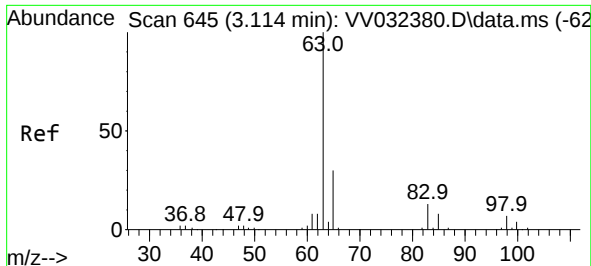
Tgt Ion: 73 Resp: 108646
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7
57 23.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.410 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 96 Resp: 47689
Ion Ratio Lower Upper
96 100
61 139.4 96.9 180.1
98 61.3 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.633 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :

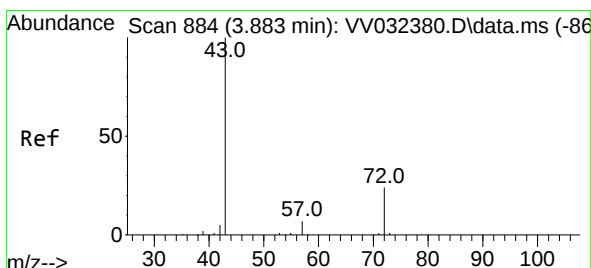
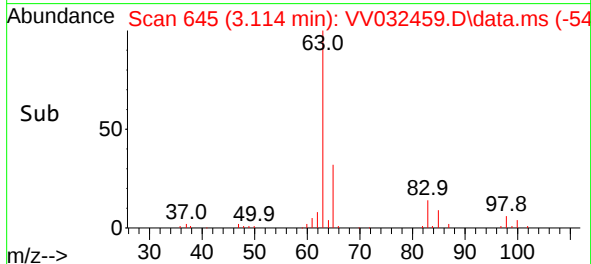
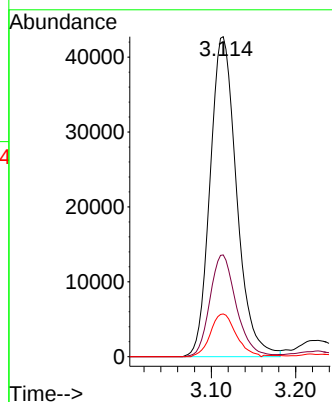
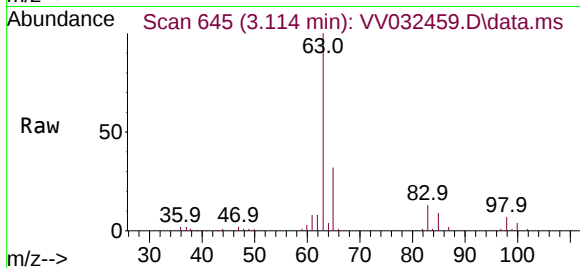
Tgt Ion: 63 Resp: 93406

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.5

83 13.4 9.0 16.6



#21

2-Butanone

Concen: 53.430 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.000 min

Lab File: VV032459.D

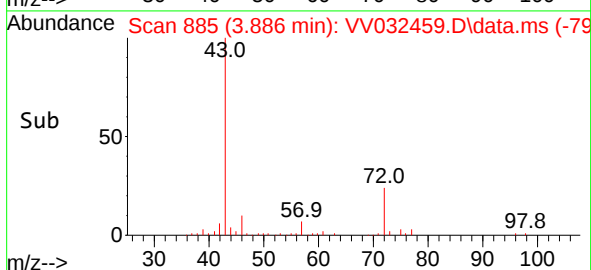
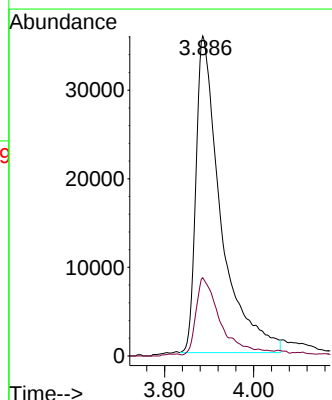
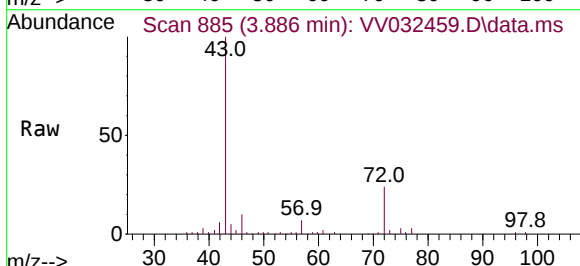
Acq: 18 Oct 2023 09:44

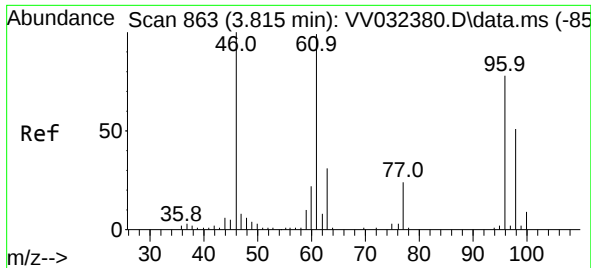
Tgt Ion: 43 Resp: 139035

Ion Ratio Lower Upper

43 100

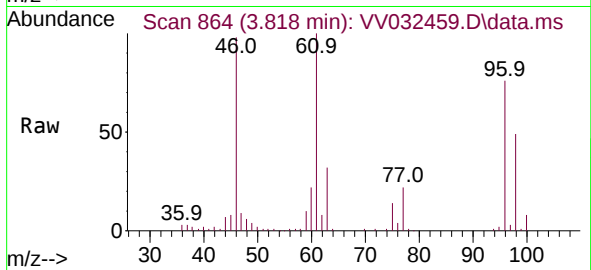
72 23.1 11.6 34.8





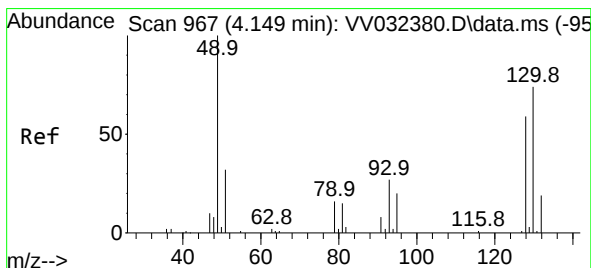
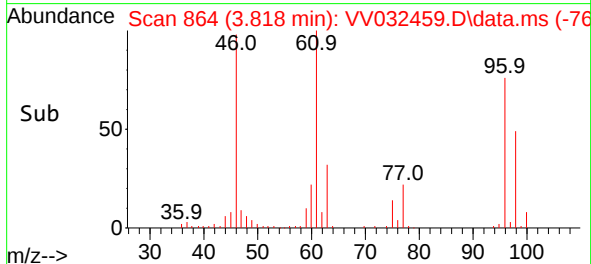
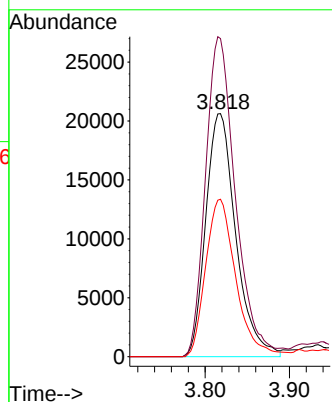
#22
 cis-1,2-Dichloroethene
 Concen: 5.383 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.006 min
 Lab File: VV032459.D
 Acq: 18 Oct 2023 09:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 51092

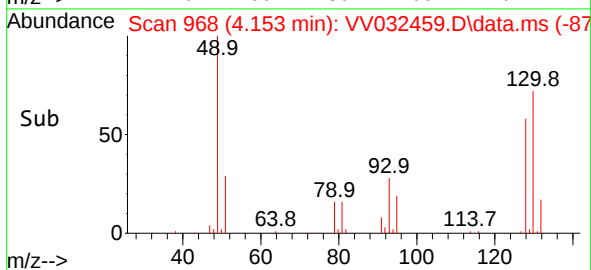
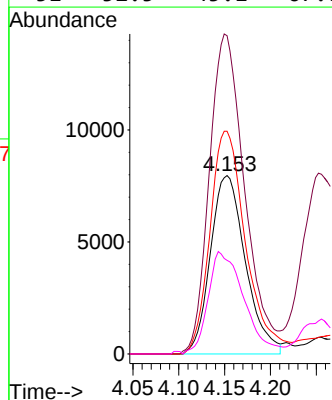
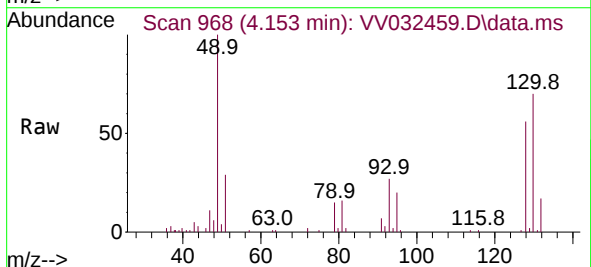
Ion	Ratio	Lower	Upper
96	100		
61	130.9	85.8	159.4
98	64.7	44.0	81.6

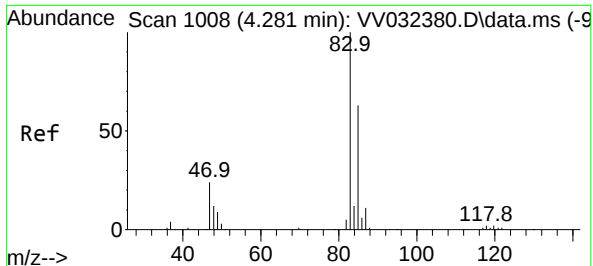


#23
 Bromochloromethane
 Concen: 5.308 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV032459.D
 Acq: 18 Oct 2023 09:44

Tgt Ion: 128 Resp: 21197

Ion	Ratio	Lower	Upper
128	100		
49	178.4	121.2	225.0
130	124.9	88.2	163.8
51	52.5	45.1	67.7





#25

Chloroform

Concen: 5.793 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

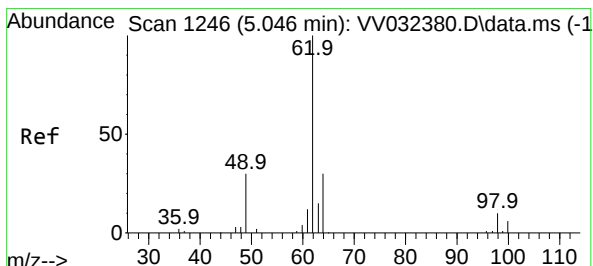
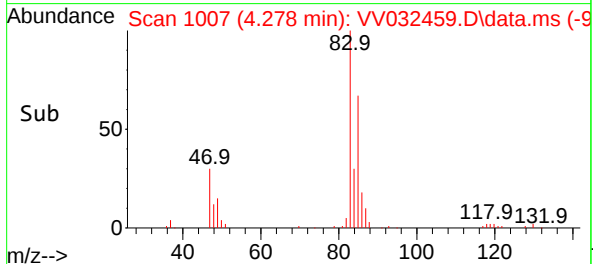
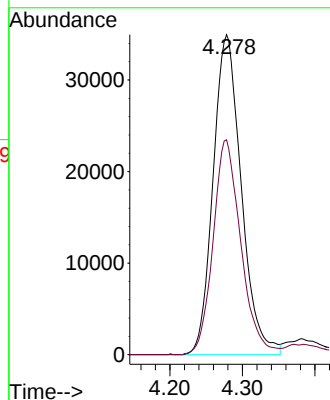
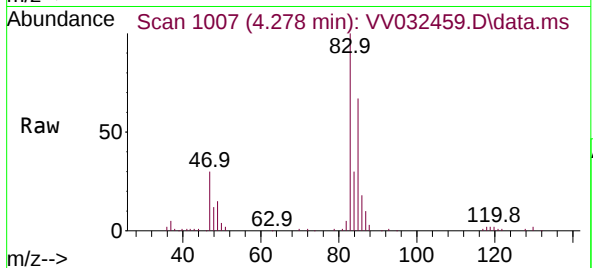
ClientSampleId :

Tgt Ion: 83 Resp: 94262

Ion Ratio Lower Upper

83 100

85 67.1 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.751 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV032459.D

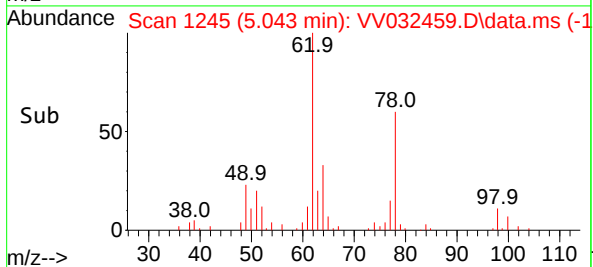
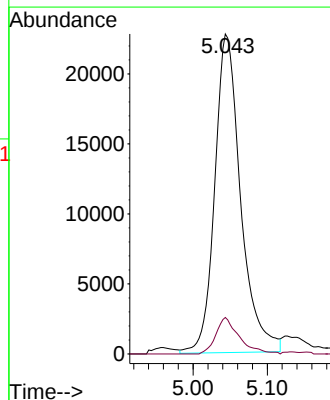
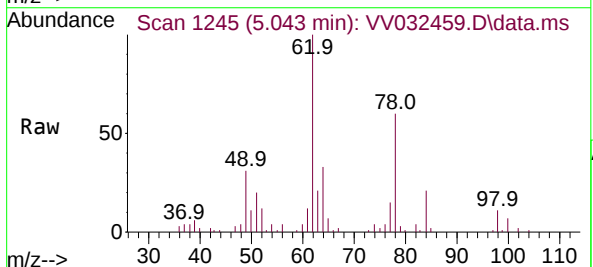
Acq: 18 Oct 2023 09:44

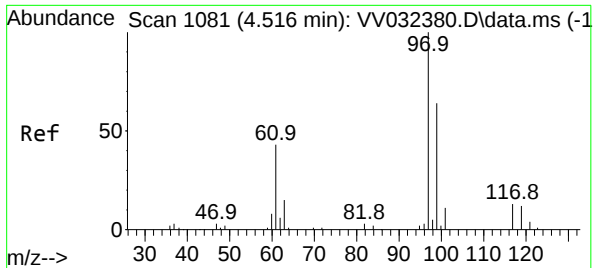
Tgt Ion: 62 Resp: 55278

Ion Ratio Lower Upper

62 100

98 11.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.944 ug/L

RT: 4.513 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :

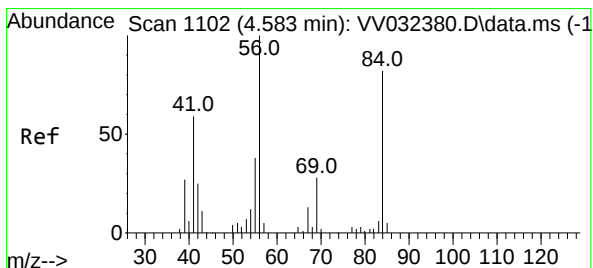
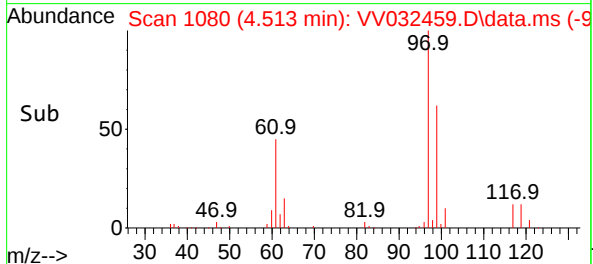
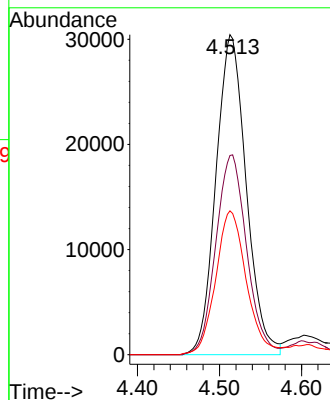
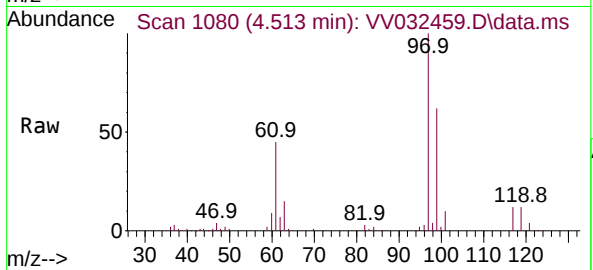
Tgt Ion: 97 Resp: 78117

Ion Ratio Lower Upper

97 100

99 63.7 50.1 75.1

61 45.6 35.1 52.7



#30

Cyclohexane

Concen: 4.427 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

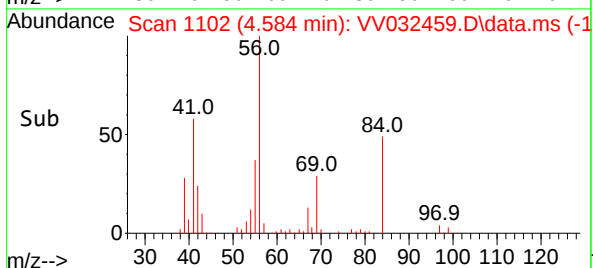
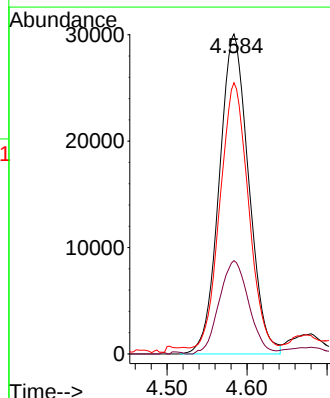
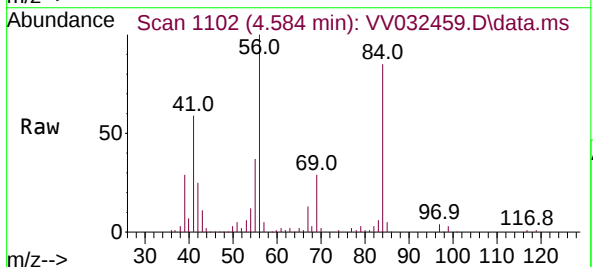
Tgt Ion: 56 Resp: 76877

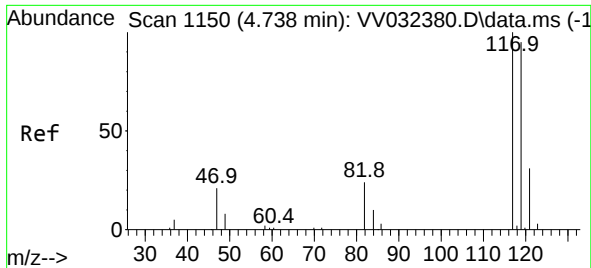
Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.2

84 80.2 68.1 102.1

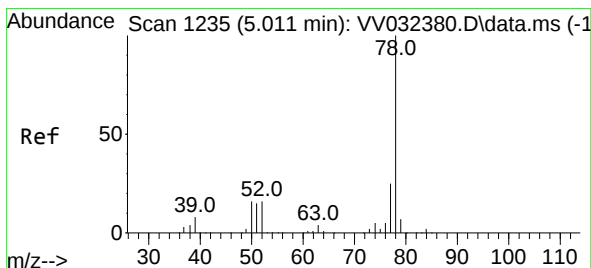
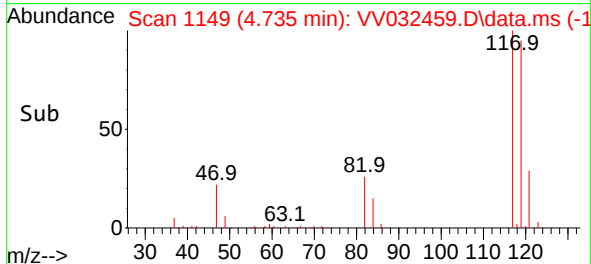
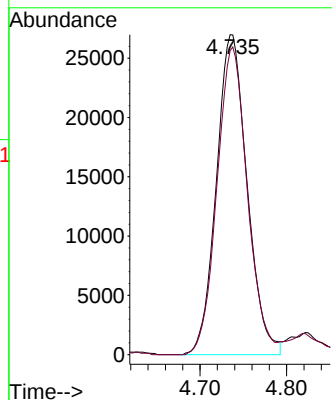
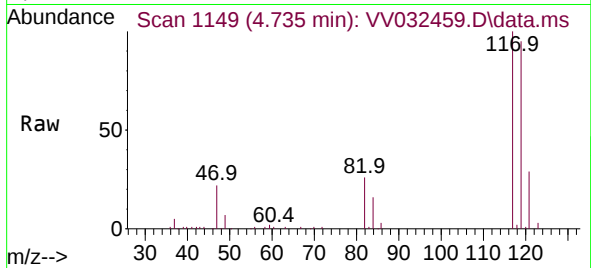




#31
Carbon tetrachloride
Concen: 4.981 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

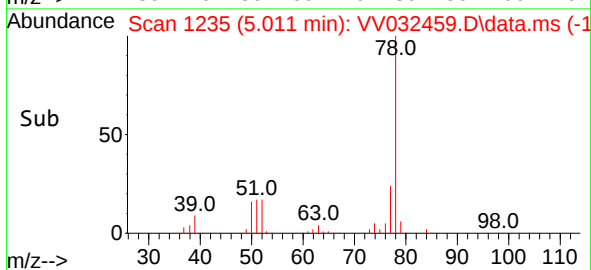
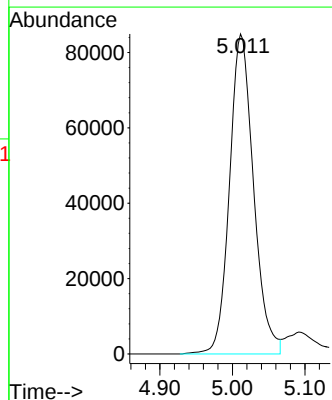
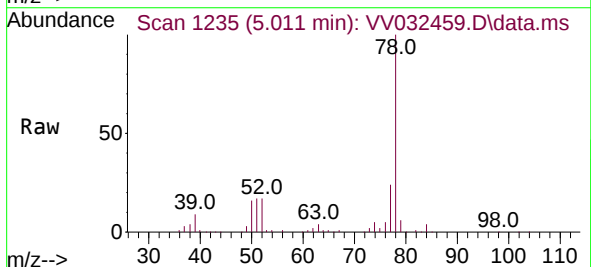
Instrument :
MSVOA_V
ClientSampleId :

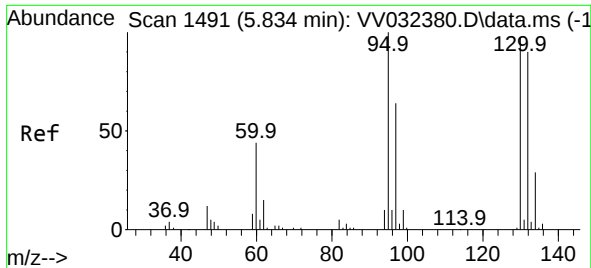
Tgt Ion:117 Resp: 66601
Ion Ratio Lower Upper
117 100
119 95.0 77.6 116.4



#33
Benzene
Concen: 4.785 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 78 Resp: 195808



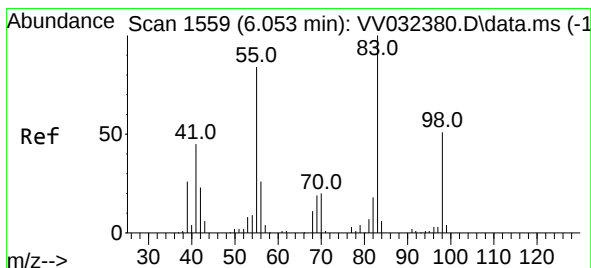
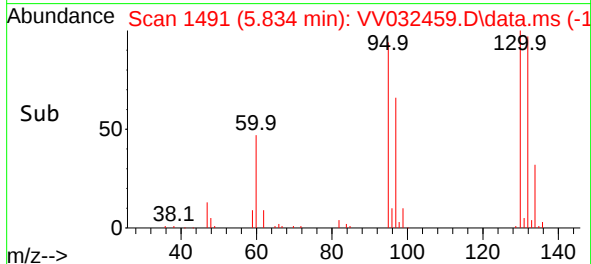
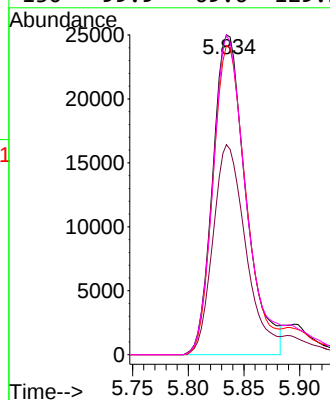
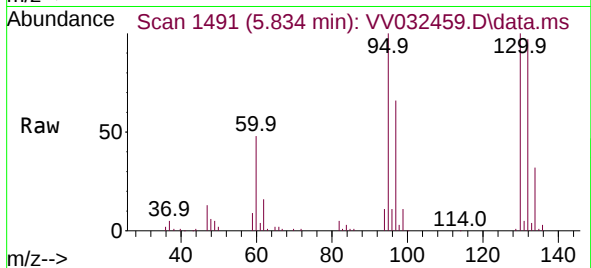


#34
Trichloroethene
Concen: 4.636 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 51782

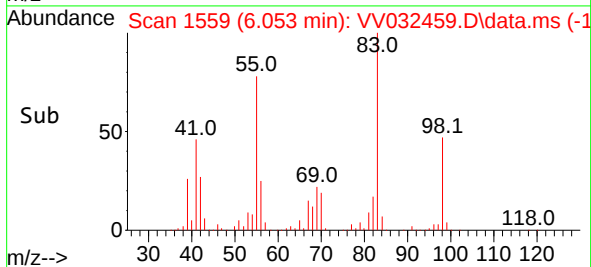
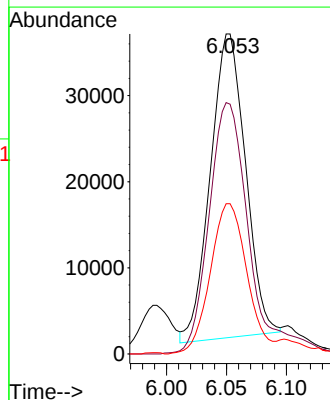
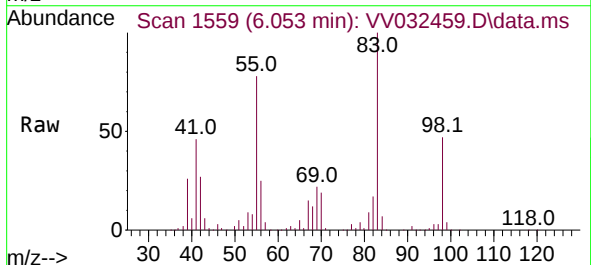
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.7	84.9
132	96.6	70.3	130.5
130	99.9	69.6	129.2

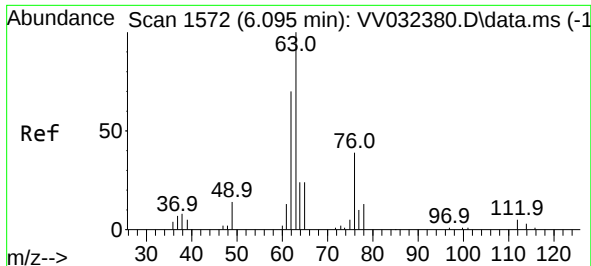


#35
Methylcyclohexane
Concen: 4.156 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 83 Resp: 71840

Ion	Ratio	Lower	Upper
83	100		
55	94.5	64.2	96.2
98	51.4	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.213 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

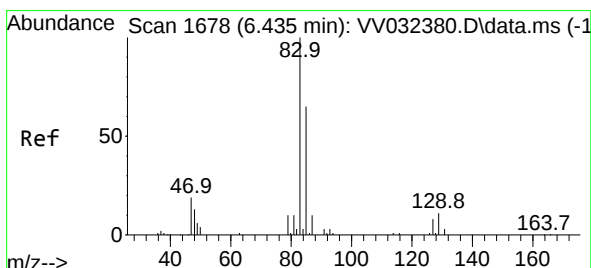
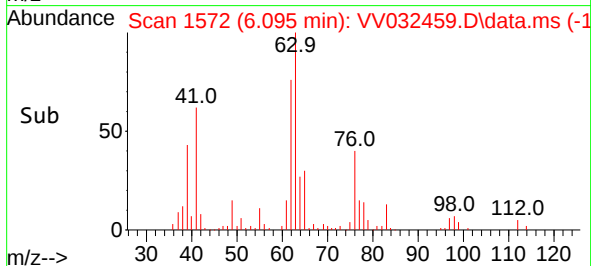
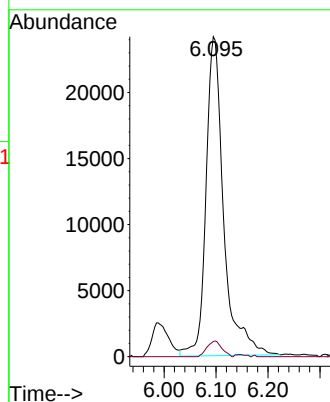
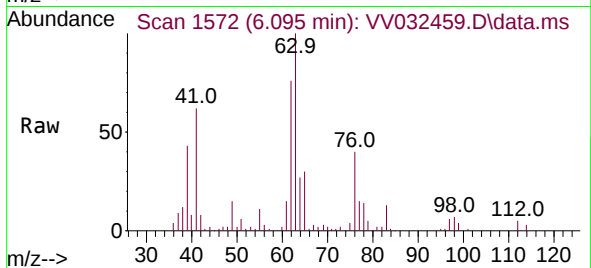
ClientSampleId :

Tgt Ion: 63 Resp: 57042

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 5.208 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

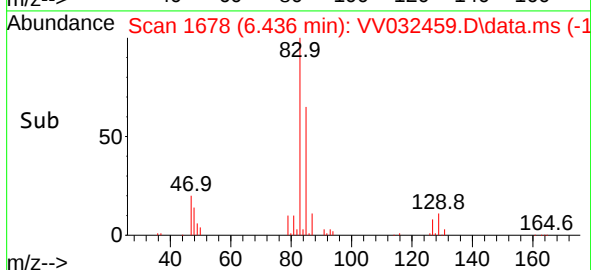
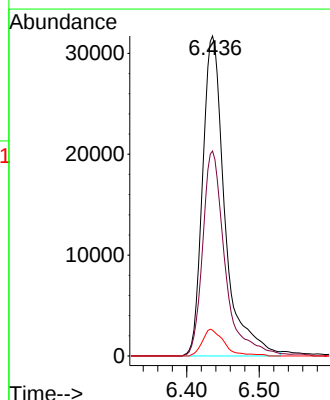
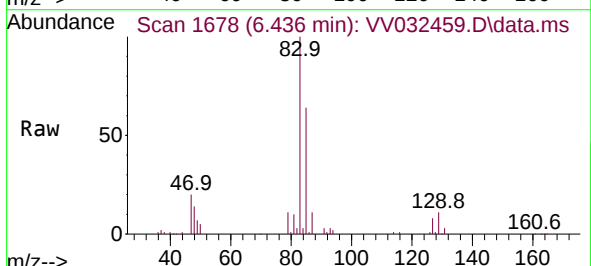
Tgt Ion: 83 Resp: 67714

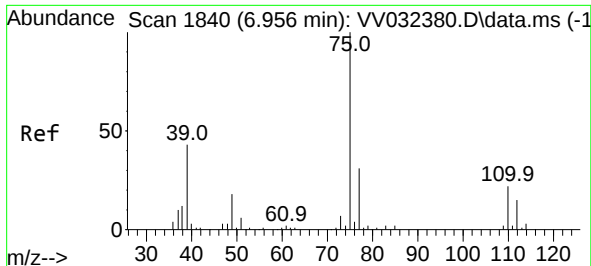
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

127 8.1 6.9 10.3

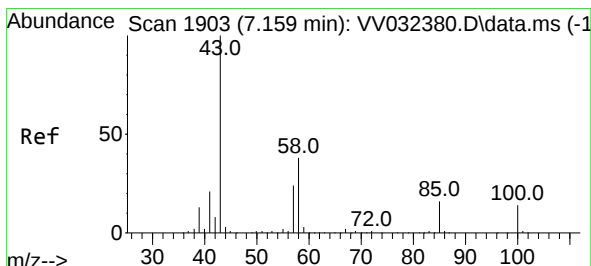
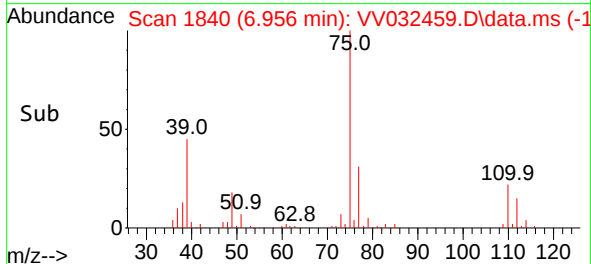
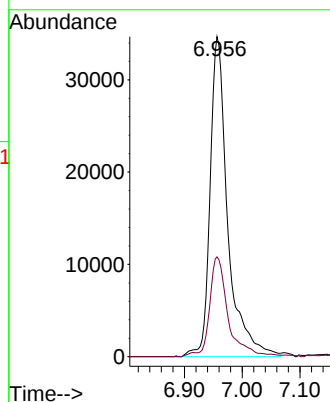
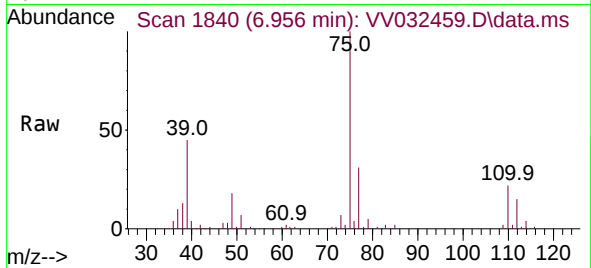




#39
 cis-1,3-Dichloropropene
 Concen: 4.729 ug/L
 RT: 6.956 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: VV032459.D
 Acq: 18 Oct 2023 09:44

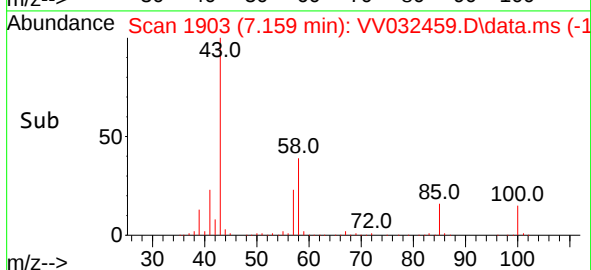
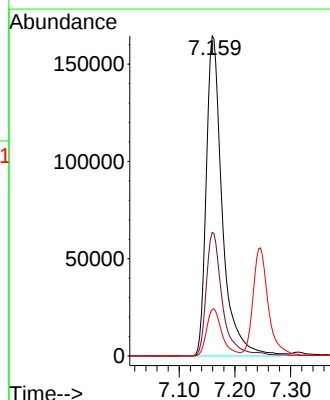
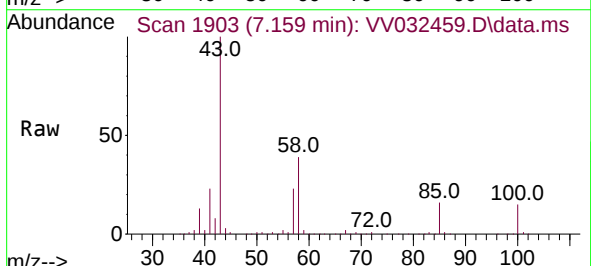
Instrument :
 MSVOA_V
 ClientSampleId :

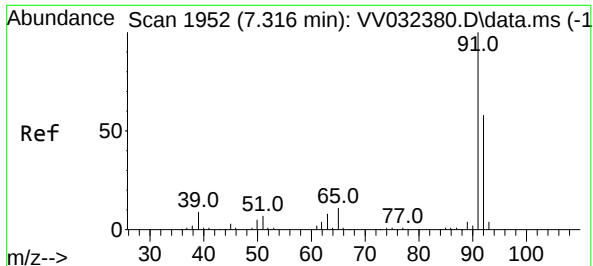
Tgt Ion: 75 Resp: 73651
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 47.565 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.003 min
 Lab File: VV032459.D
 Acq: 18 Oct 2023 09:44

Tgt Ion: 43 Resp: 329395
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.9 47.9
 100 14.1 11.3 16.9





#42

Toluene

Concen: 5.188 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

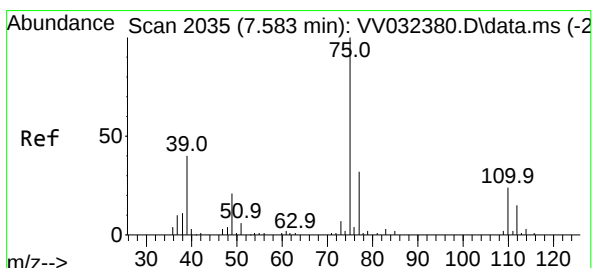
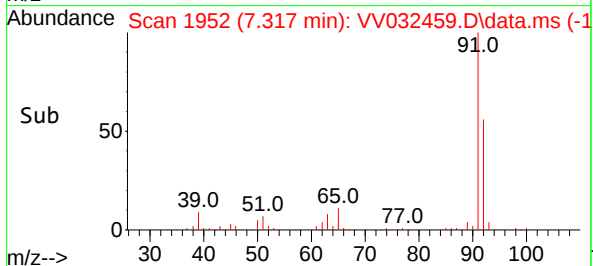
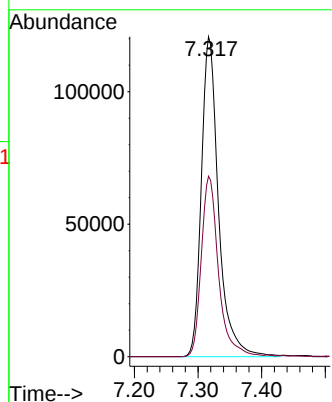
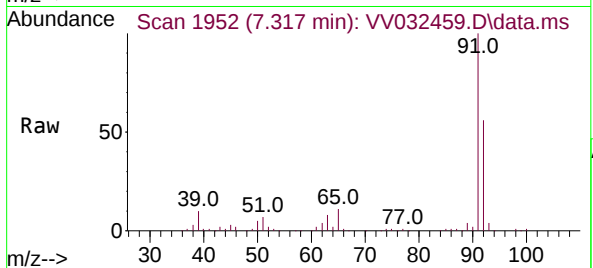
ClientSampleId :

Tgt Ion: 91 Resp: 226319

Ion Ratio Lower Upper

91 100

92 56.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032459.D

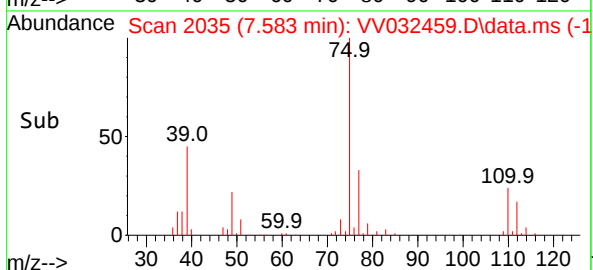
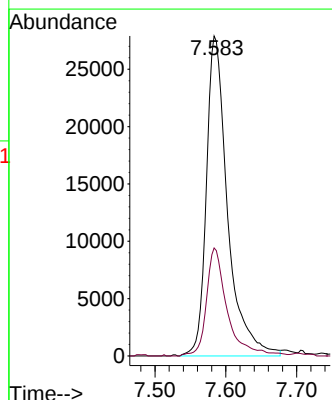
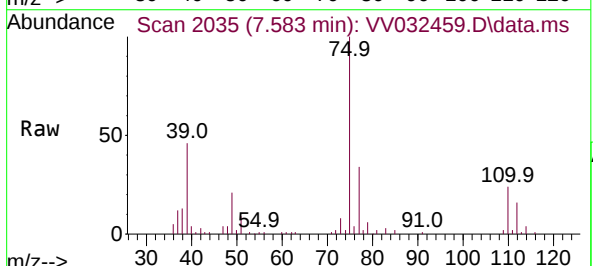
Acq: 18 Oct 2023 09:44

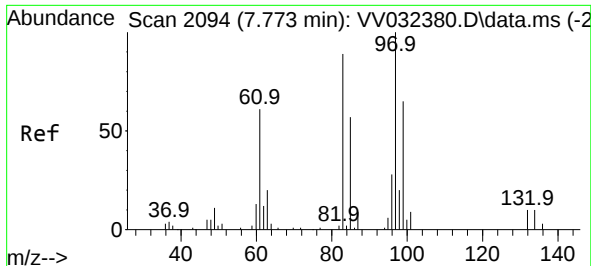
Tgt Ion: 75 Resp: 58015

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.7

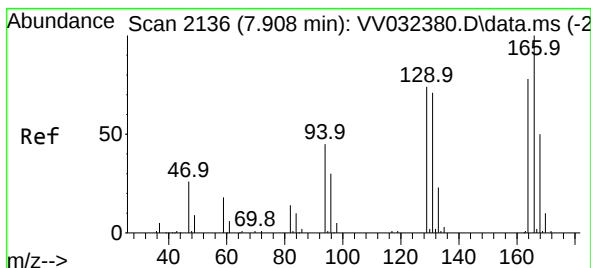
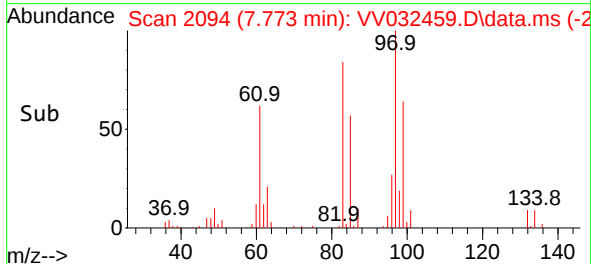
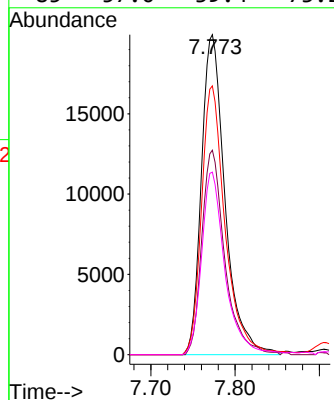
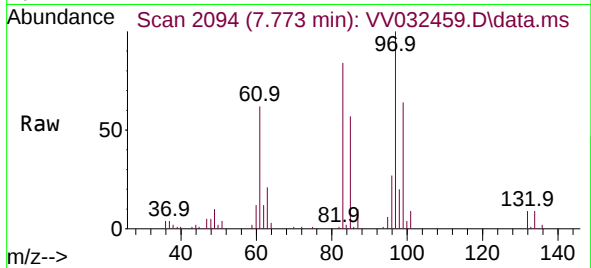




#45
1,1,2-Trichloroethane
Concen: 5.041 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

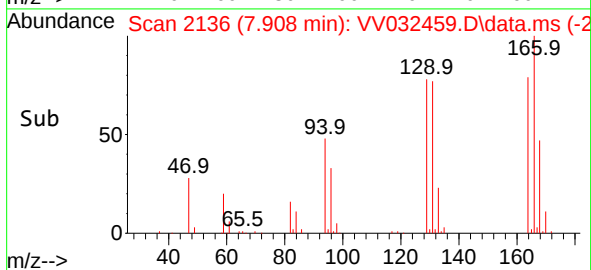
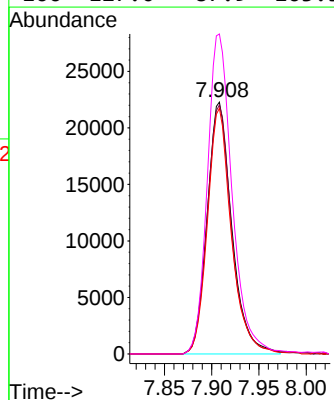
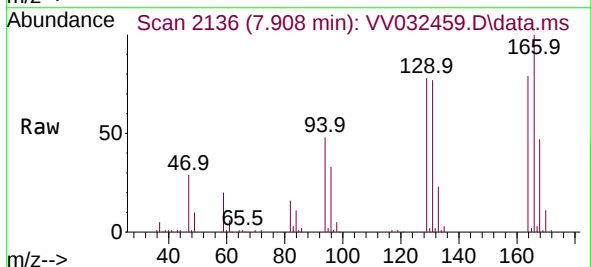
Instrument :
MSVOA_V
ClientSampleId :

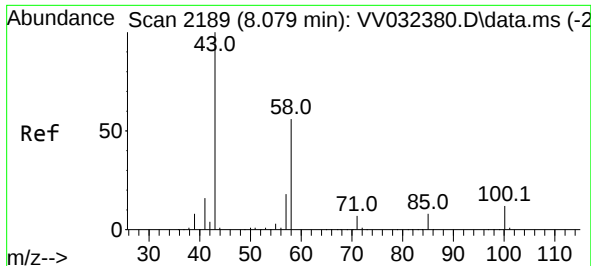
Tgt Ion:	97	Resp:	38917
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.8	79.4
83	84.0	60.9	113.1
85	57.0	39.4	73.2



#47
Tetrachloroethene
Concen: 4.791 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion:	164	Resp:	40584
Ion	Ratio	Lower	Upper
164	100		
129	98.9	66.4	123.4
131	97.5	63.7	118.3
166	127.0	87.9	163.3

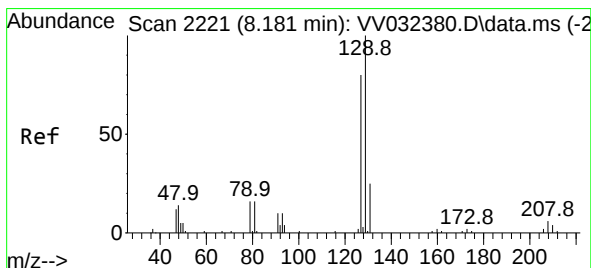
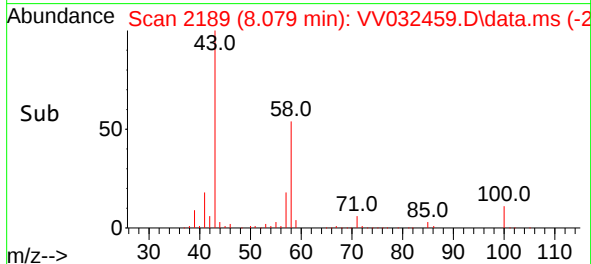
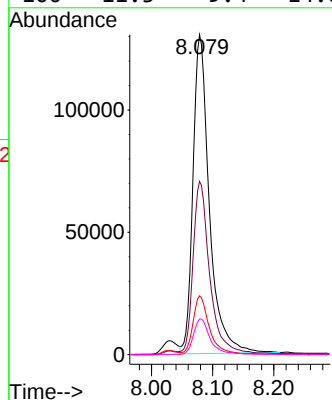
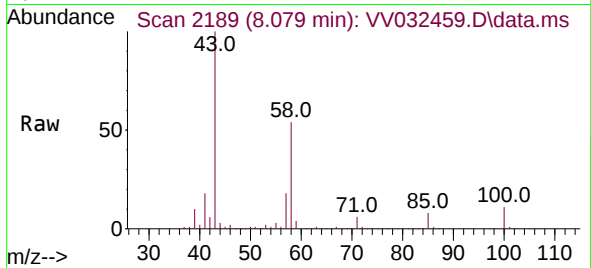




#48
2-Hexanone
Concen: 49.739 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.006 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

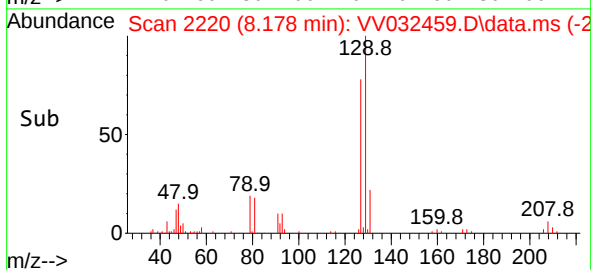
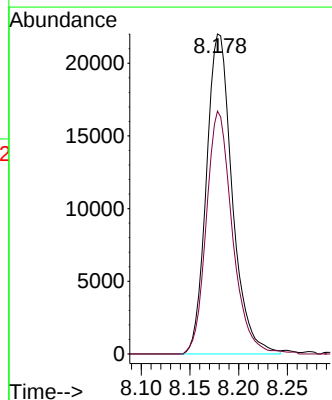
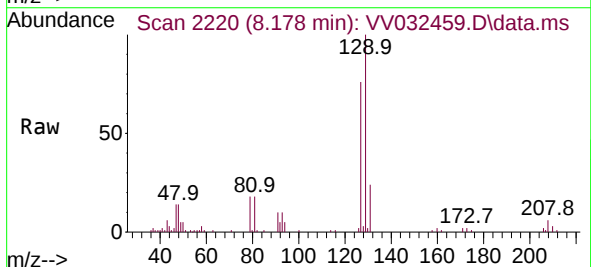
Instrument :
MSVOA_V
ClientSampleId :

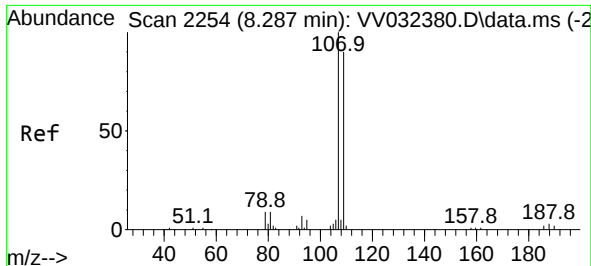
Tgt Ion: 43 Resp: 243024
Ion Ratio Lower Upper
43 100
58 54.1 43.6 65.4
57 18.5 14.6 22.0
100 11.3 9.4 14.0



#49
Dibromochloromethane
Concen: 5.060 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 129 Resp: 40669
Ion Ratio Lower Upper
129 100
127 75.9 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.778 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

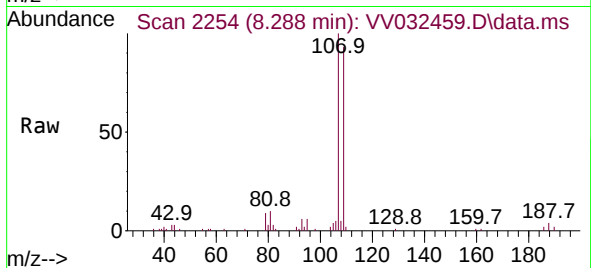
Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :



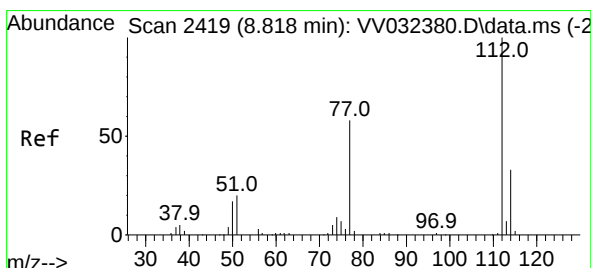
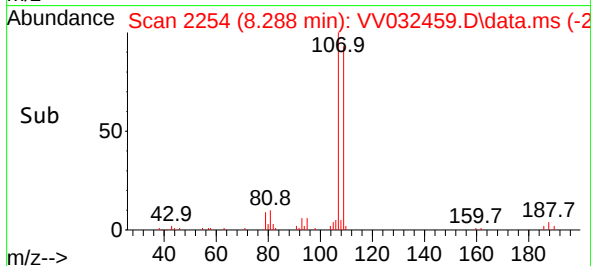
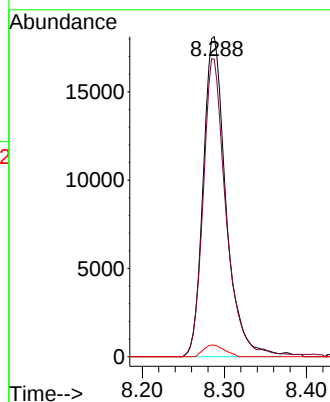
Tgt Ion:107 Resp: 34890

Ion Ratio Lower Upper

107 100

109 92.9 68.4 127.0

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 5.017 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

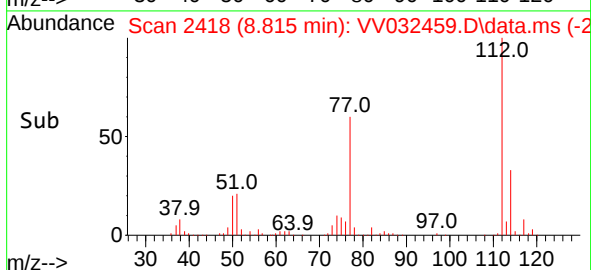
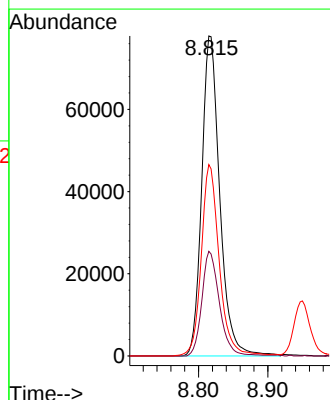
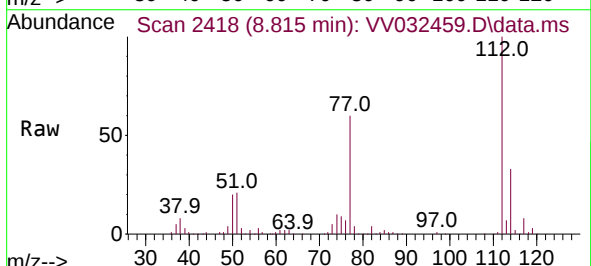
Tgt Ion:112 Resp: 140887

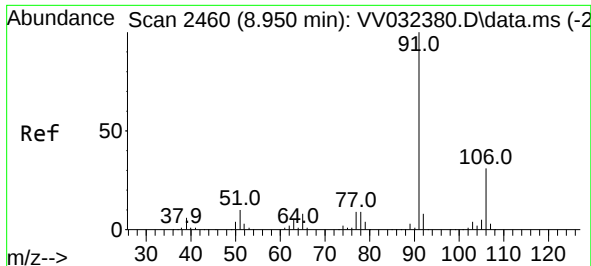
Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 59.8 46.1 69.1





#52

Ethylbenzene

Concen: 4.970 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. -0.000 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

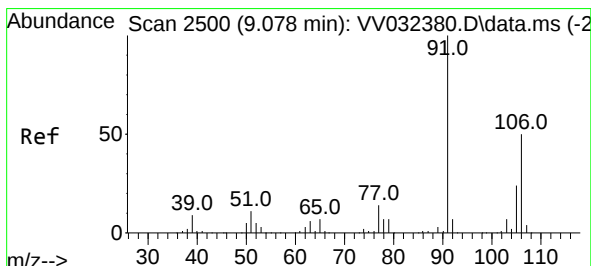
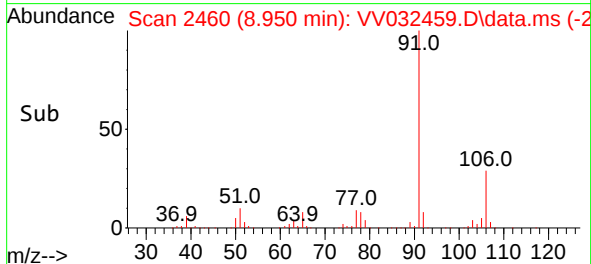
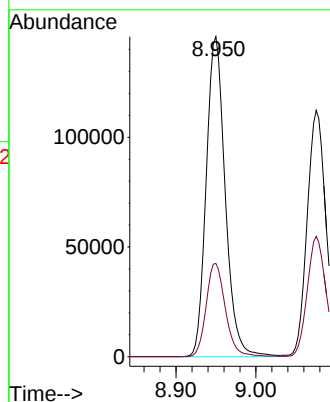
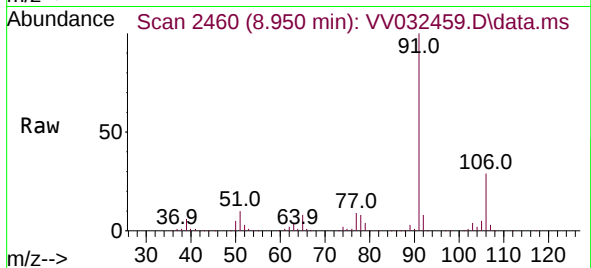
ClientSampleId :

Tgt Ion: 91 Resp: 241406

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.5



#53

m,p-Xylene

Concen: 5.154 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032459.D

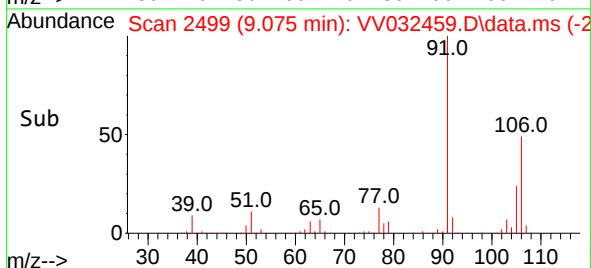
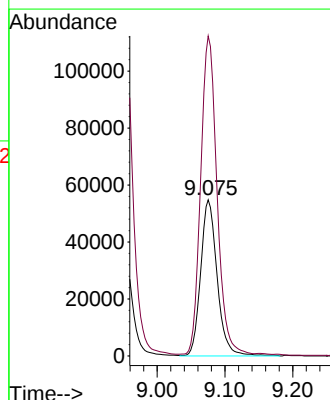
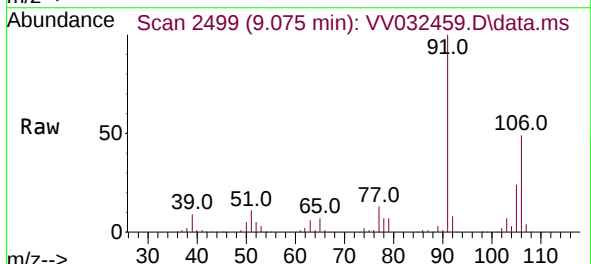
Acq: 18 Oct 2023 09:44

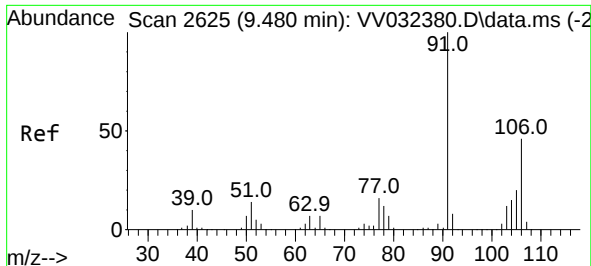
Tgt Ion: 106 Resp: 92839

Ion Ratio Lower Upper

106 100

91 204.9 144.5 268.3

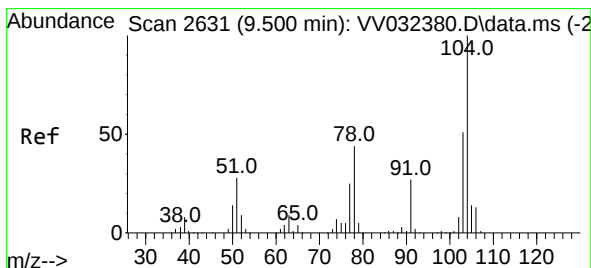
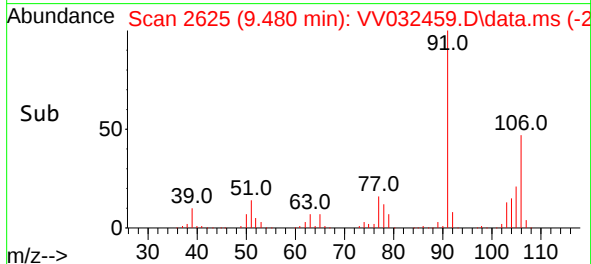
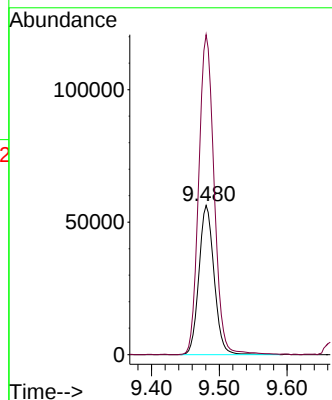
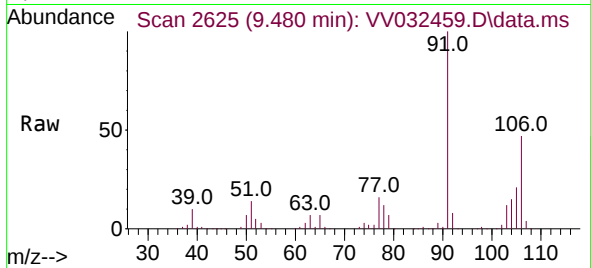




#54
o-Xylene
Concen: 5.049 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

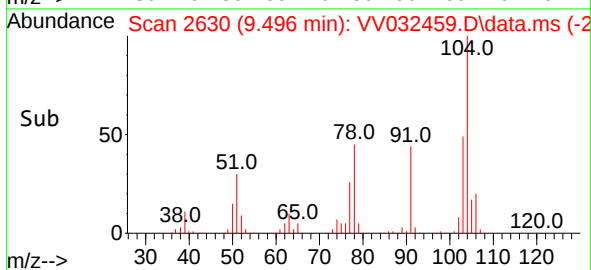
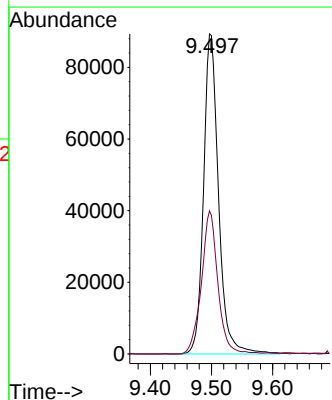
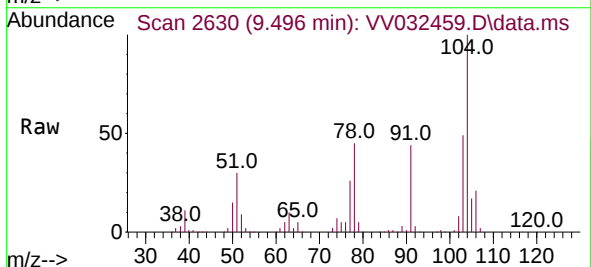
Instrument :
MSVOA_V
ClientSampleId :

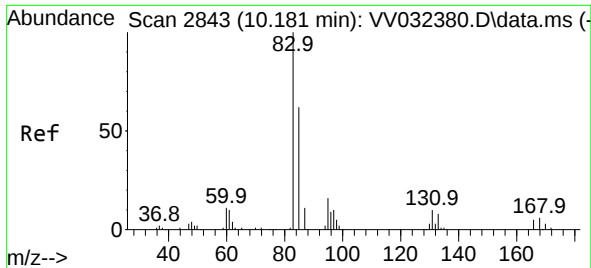
Tgt Ion:106 Resp: 87642
Ion Ratio Lower Upper
106 100
91 214.4 154.8 287.4



#55
Styrene
Concen: 5.198 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion:104 Resp: 152386
Ion Ratio Lower Upper
104 100
78 44.7 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.987 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :

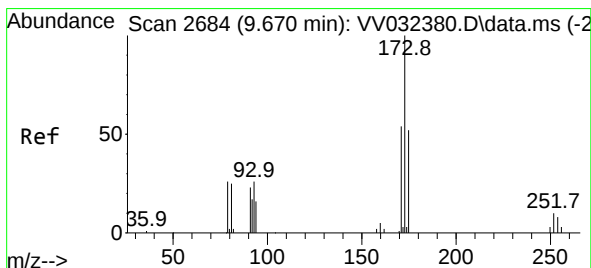
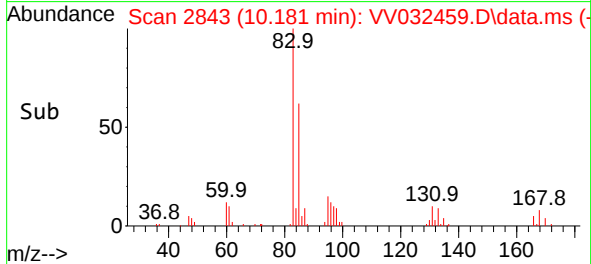
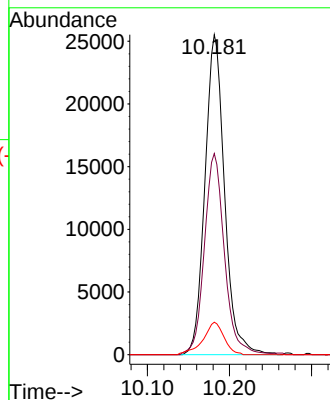
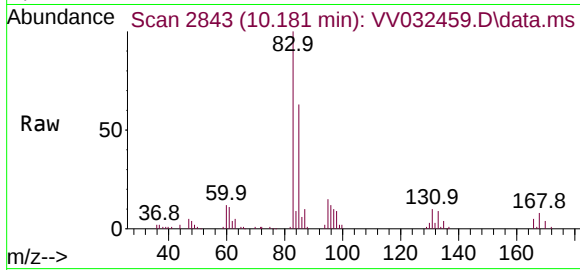
Tgt Ion: 83 Resp: 42362

Ion Ratio Lower Upper

83 100

85 62.8 43.6 81.0

131 10.2 7.0 10.6



#59

Bromoform

Concen: 4.855 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

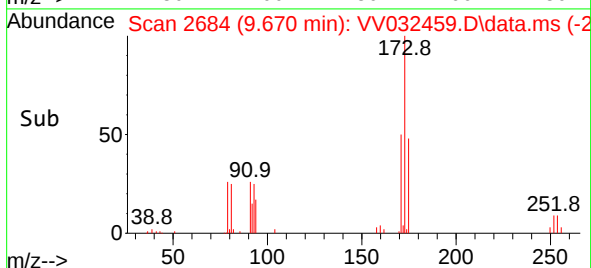
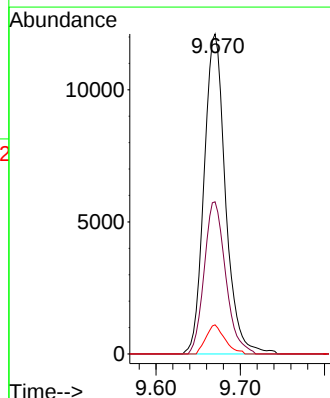
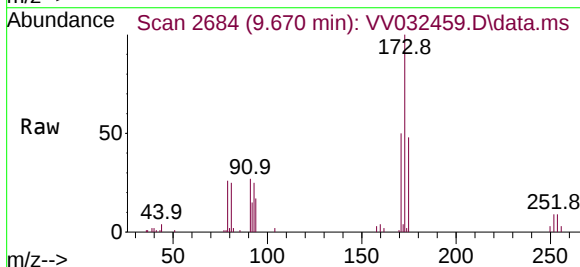
Tgt Ion: 173 Resp: 21422

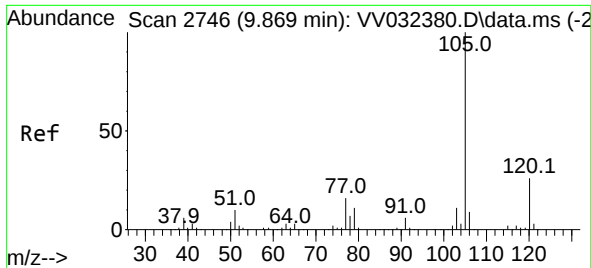
Ion Ratio Lower Upper

173 100

175 47.6 38.2 57.2

254 8.0 7.0 10.4

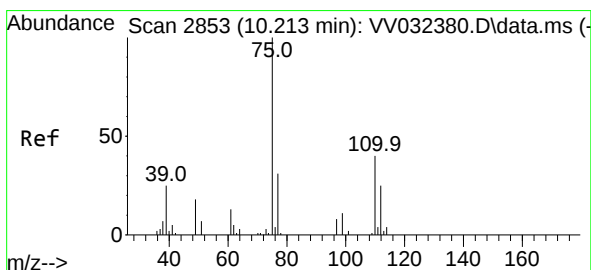
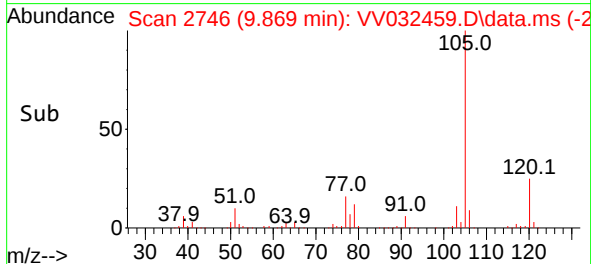
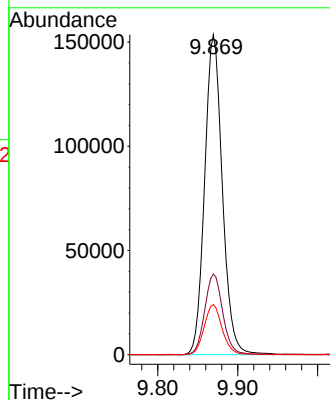
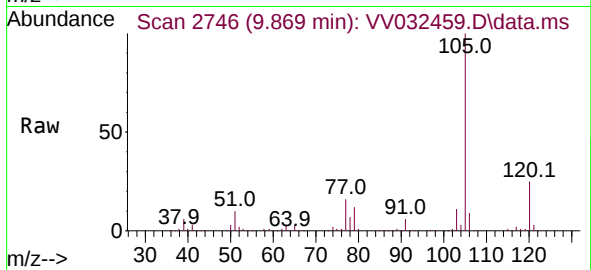




#60
Isopropylbenzene
Concen: 5.020 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

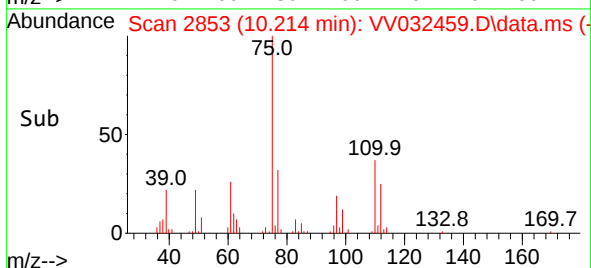
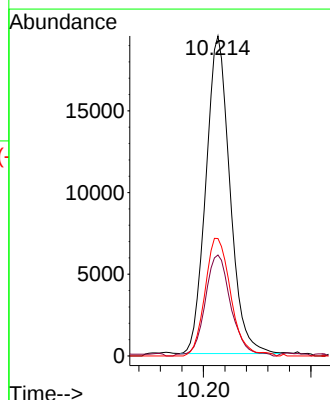
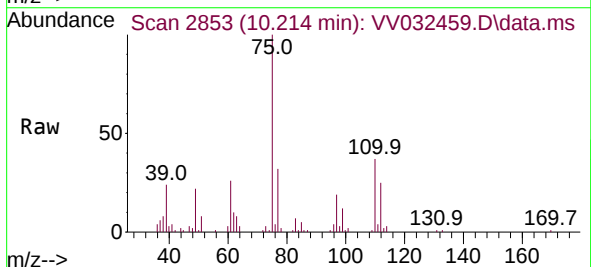
Instrument :
MSVOA_V
ClientSampleId :

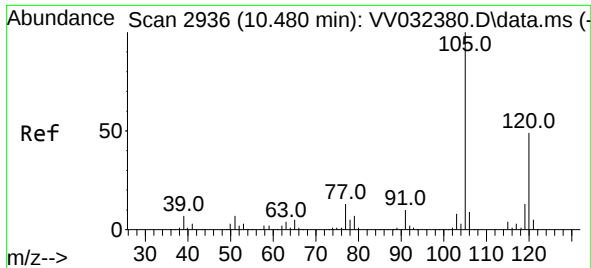
Tgt Ion:105 Resp: 236765
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.673 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 75 Resp: 30183
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 39.8 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.821 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

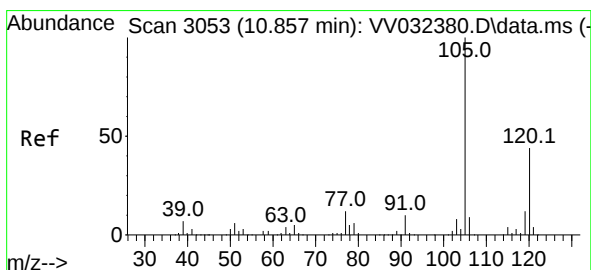
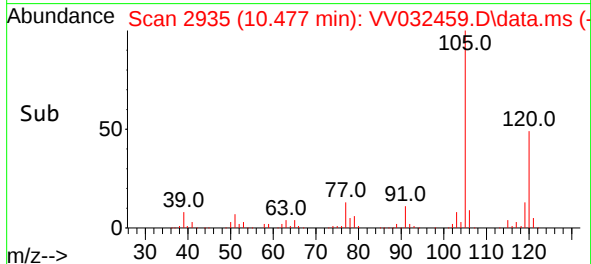
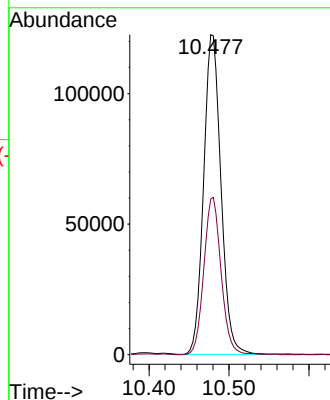
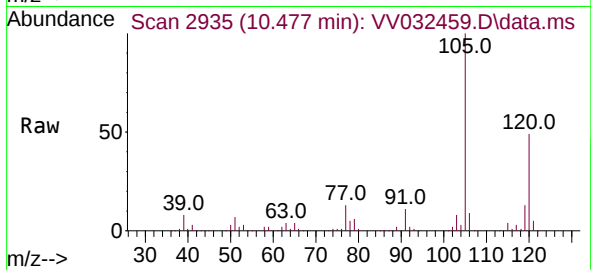
ClientSampleId :

Tgt Ion:105 Resp: 185305

Ion Ratio Lower Upper

105 100

120 48.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.946 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV032459.D

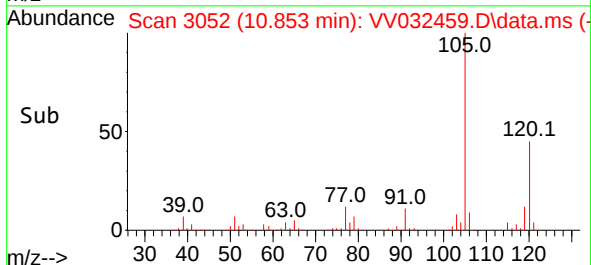
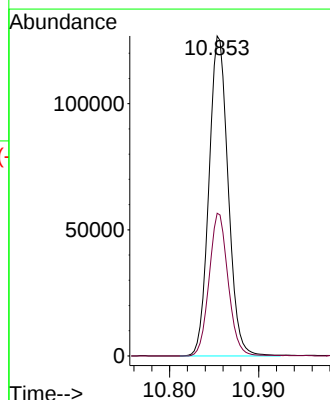
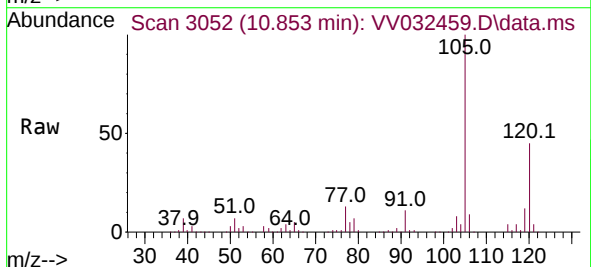
Acq: 18 Oct 2023 09:44

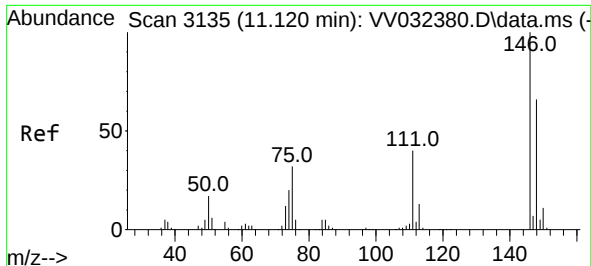
Tgt Ion:105 Resp: 189274

Ion Ratio Lower Upper

105 100

120 44.2 36.2 54.4

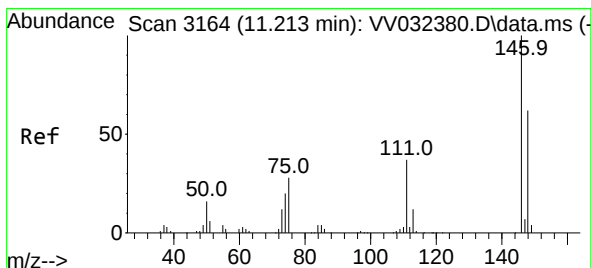
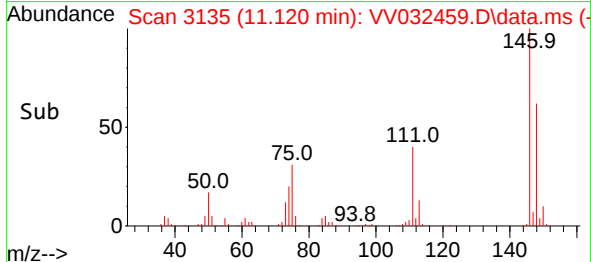
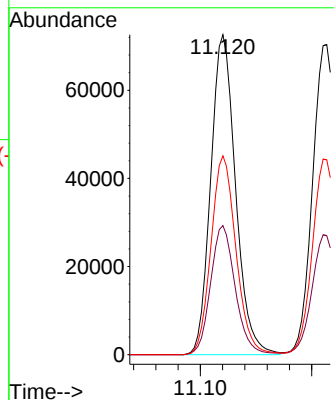
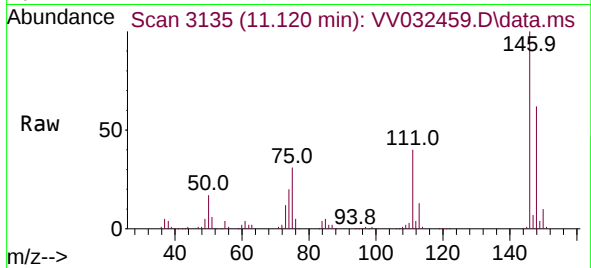




#64
1,3-Dichlorobenzene
Concen: 4.992 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

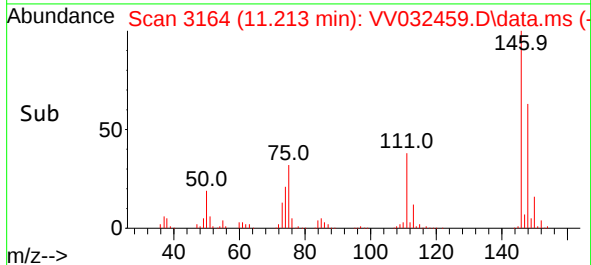
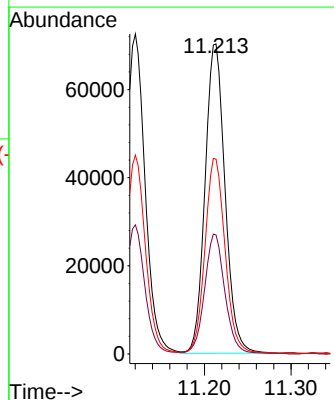
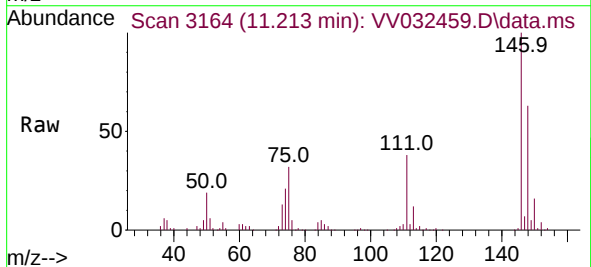
Instrument :
MSVOA_V
ClientSampleId :

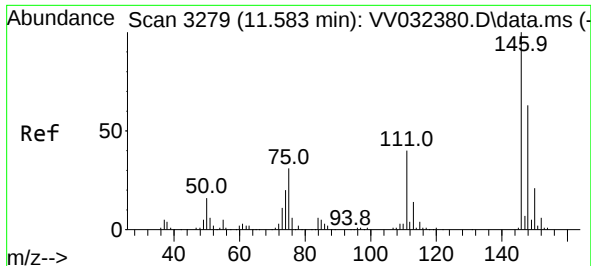
Tgt Ion:146 Resp: 112458
Ion Ratio Lower Upper
146 100
111 40.4 27.8 51.6
148 62.2 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion:146 Resp: 112638
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 62.8 44.8 83.2

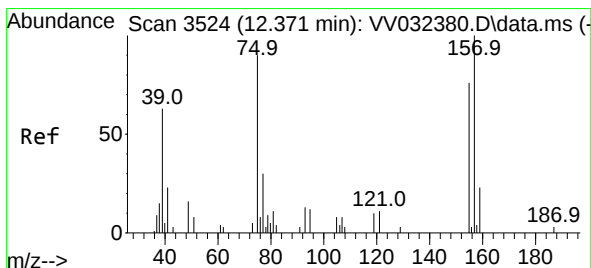
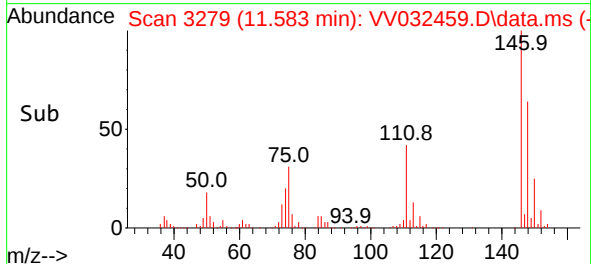
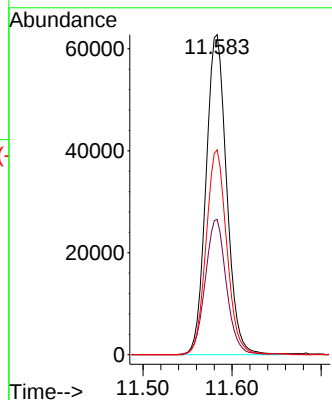
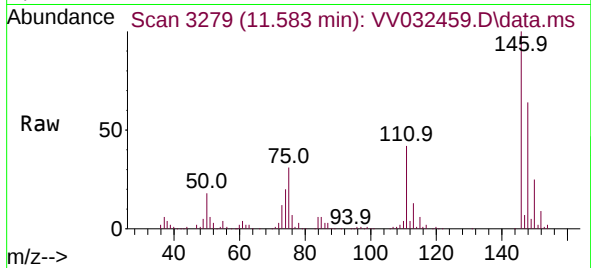




#67
1,2-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

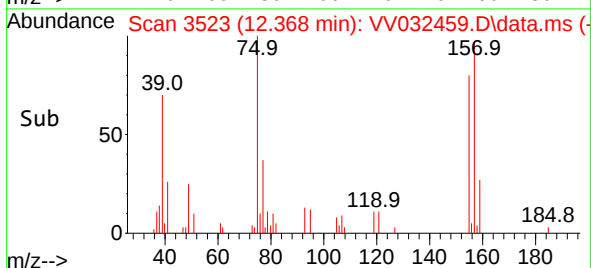
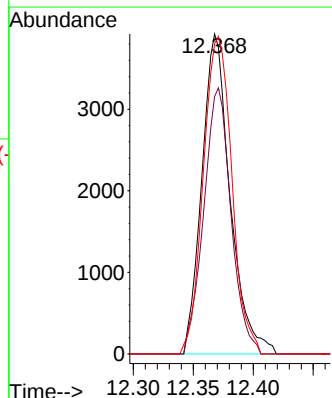
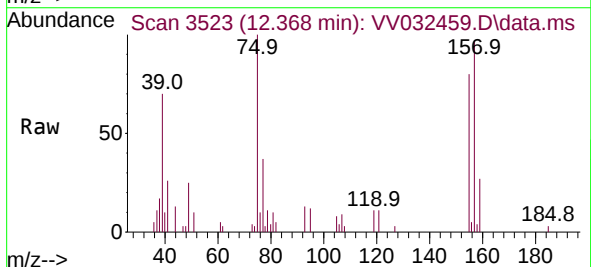
Instrument :
MSVOA_V
ClientSampleId :

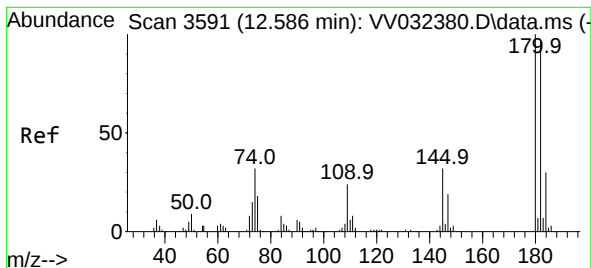
Tgt Ion:146 Resp: 100978
Ion Ratio Lower Upper
146 100
111 42.2 32.8 49.2
148 64.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.869 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV032459.D
Acq: 18 Oct 2023 09:44

Tgt Ion: 75 Resp: 6425
Ion Ratio Lower Upper
75 100
155 80.4 70.2 105.4
157 96.9 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 5.007 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. -0.000 min

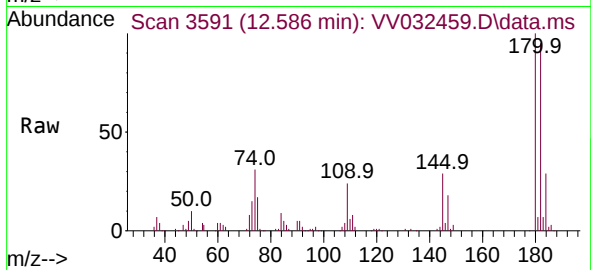
Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 82604

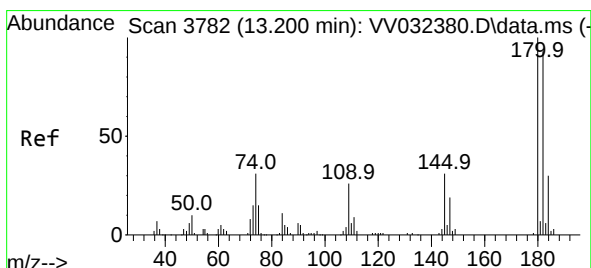
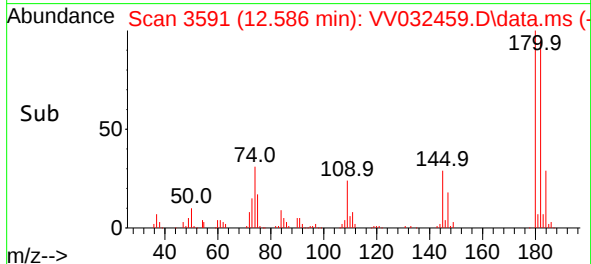
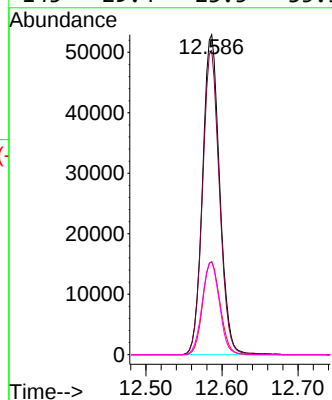
Ion Ratio Lower Upper

180 100

182 94.1 74.6 112.0

184 29.5 24.1 36.1

145 29.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.604 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

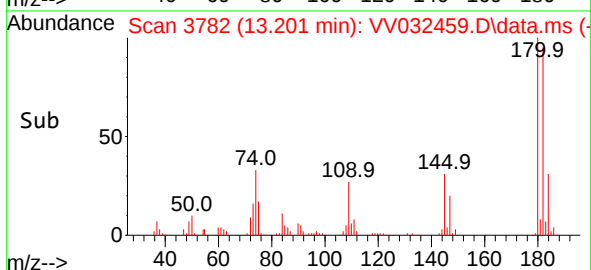
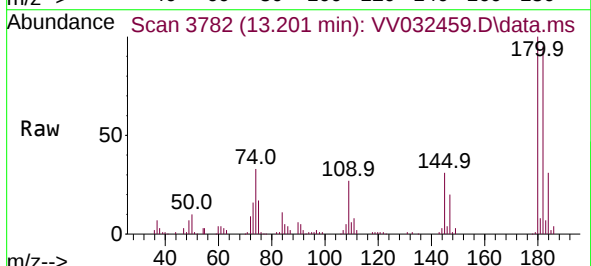
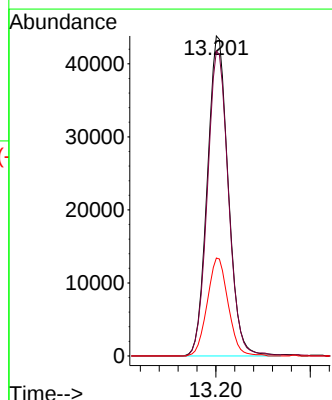
Tgt Ion:180 Resp: 67372

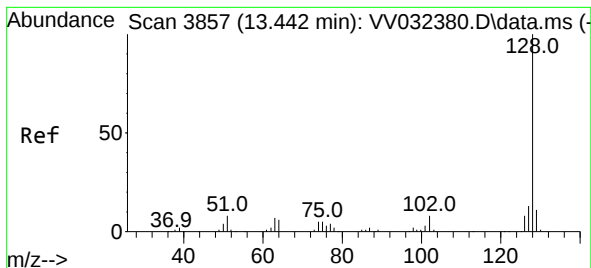
Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

145 30.5 24.3 36.5





#71

Naphthalene

Concen: 4.321 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Instrument :

MSVOA_V

ClientSampleId :

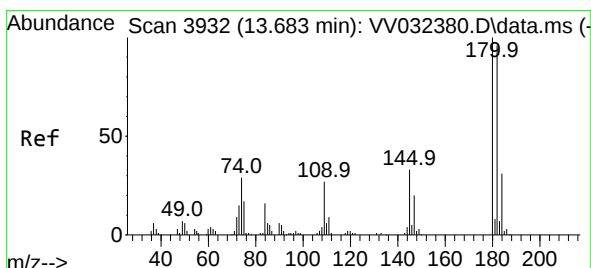
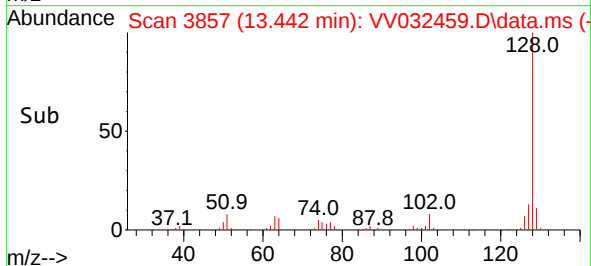
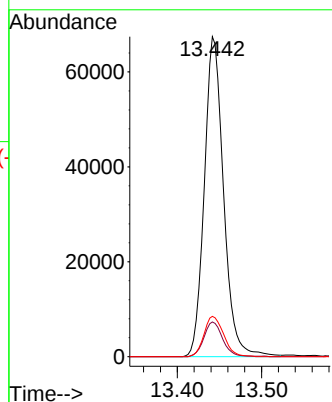
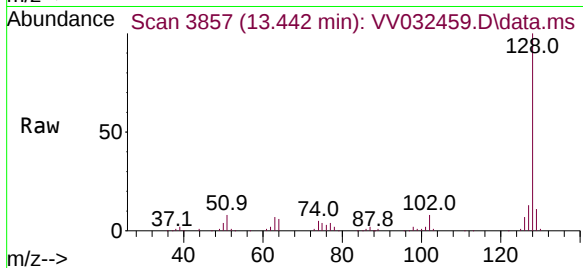
Tgt Ion:128 Resp: 107423

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.849 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.003 min

Lab File: VV032459.D

Acq: 18 Oct 2023 09:44

Tgt Ion:180 Resp: 61147

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

145 32.5 25.7 38.5

