

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032268.D
 Acq On : 05 Oct 2023 20:14
 Operator : SY/MD
 Sample : 04708-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 01:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29906	3.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.532	69	27587	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.060	65	12679	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.805	46	92999	47.138	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	4.252	84	62519	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	30067	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.963	84	117676	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.992	67	39712	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.246	98	107889	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	13722	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	73128	49.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30990	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	41162	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49805	4.661	ug/L	99
3) Chloromethane	1.217	50	52125	4.839	ug/L	98
5) Vinyl chloride	1.281	62	48677	4.738	ug/L	100
6) Bromomethane	1.487	94	28967	4.667	ug/L	96
8) Chloroethane	1.548	64	30051	4.858	ug/L	100
9) Trichlorofluoromethane	1.712	101	59157	4.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33928	4.544	ug/L	99
12) 1,1-Dichloroethene	2.069	96	32525	4.625	ug/L	91
13) Acetone	2.130	43	65832	43.293	ug/L	97
14) Carbon disulfide	2.240	76	105697	4.299	ug/L	99
15) Methyl Acetate	2.388	43	14761	4.312	ug/L	97
16) Methylene chloride	2.449	84	38757	4.227	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	86451	4.515	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	35573	4.416	ug/L	97
19) 1,1-Dichloroethane	3.114	63	68219	4.502	ug/L	100
21) 2-Butanone	3.886	43	97471	40.990	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	39255	4.526	ug/L	96
23) Bromochloromethane	4.153	128	17350	4.755	ug/L	96
25) Chloroform	4.281	83	75270	5.062	ug/L	98

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 Response via : Initial Calibration

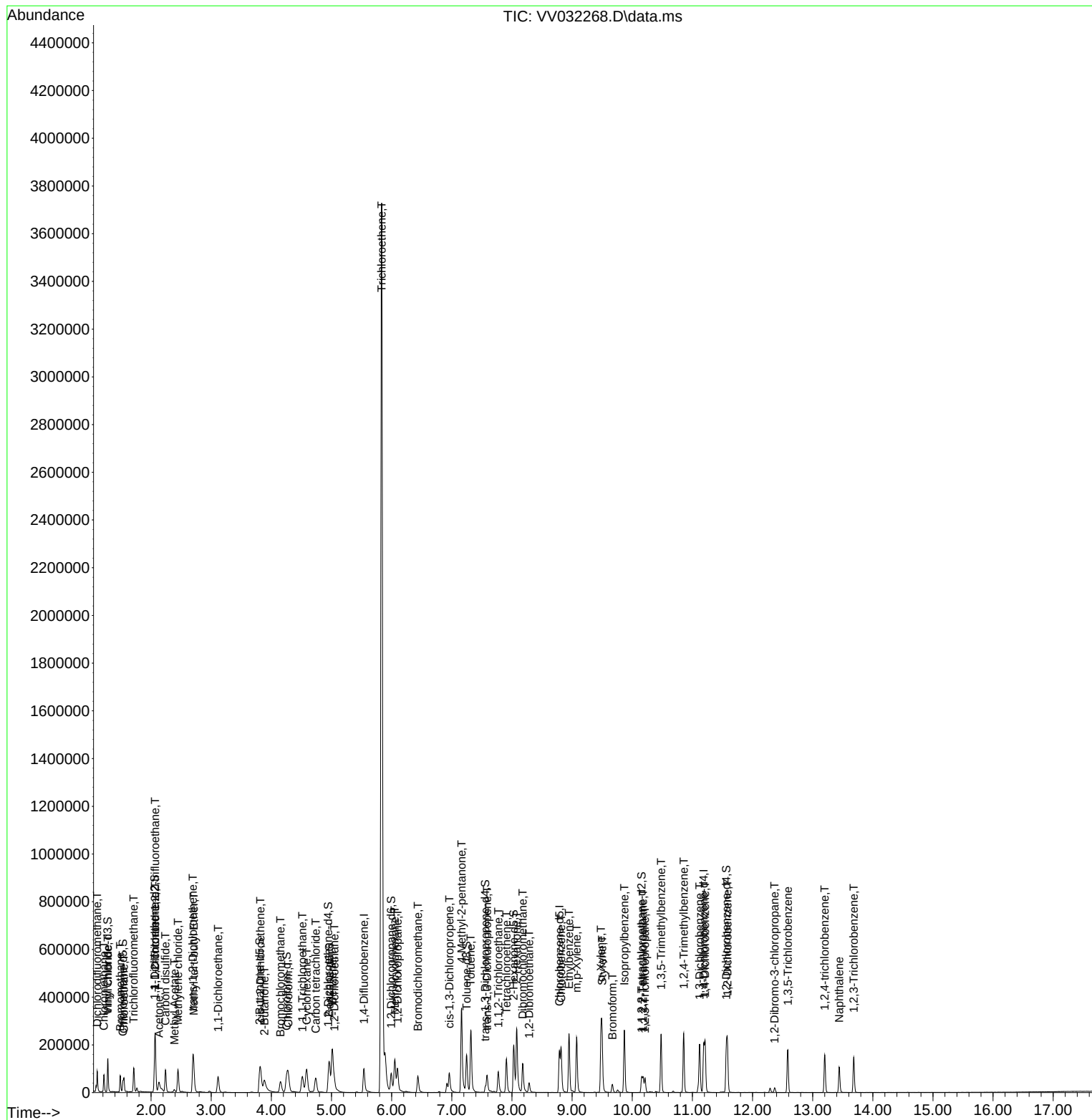
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40360	4.595	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	56244	4.559	ug/L	98
30) Cyclohexane	4.587	56	54154	3.995	ug/L	99
31) Carbon tetrachloride	4.738	117	47176	4.520	ug/L	98
33) Benzene	5.014	78	185162	5.796	ug/L	100
34) Trichloroethene	5.834	95	1309846	150.204	ug/L	98
35) Methylcyclohexane	6.053	83	58503	4.335	ug/L	96
37) 1,2-Dichloropropane	6.098	63	39384	4.610	ug/L	99
38) Bromodichloromethane	6.436	83	50460	4.971	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	54435	4.477	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	257630	47.654	ug/L	99
42) Toluene	7.317	91	194225	5.704	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	44028	4.406	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	28893	4.794	ug/L	99
47) Tetrachloroethene	7.908	164	32757	4.953	ug/L	98
48) 2-Hexanone	8.079	43	183437	48.091	ug/L	100
49) Dibromochloromethane	8.182	129	30283	4.827	ug/L	96
50) 1,2-Dibromoethane	8.288	107	27320	4.793	ug/L	95
51) Chlorobenzene	8.818	112	101003	4.607	ug/L	99
52) Ethylbenzene	8.950	91	176390	4.652	ug/L	99
53) m,p-Xylene	9.075	106	66353	4.718	ug/L	99
54) o-Xylene	9.480	106	62929	4.644	ug/L	99
55) Styrene	9.500	104	106823	4.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	31599	4.765	ug/L	97
59) Bromoform	9.670	173	15949	4.503	ug/L	100
60) Isopropylbenzene	9.870	105	165829	4.381	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	24449	4.716	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	128992	4.181	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	131927	4.295	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	78564	4.344	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	79796	4.398	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	73662	4.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4815	4.546	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	53084	4.009	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	46036	3.919	ug/L	100
71) Naphthalene	13.442	128	81807	4.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	42140	4.163	ug/L	99

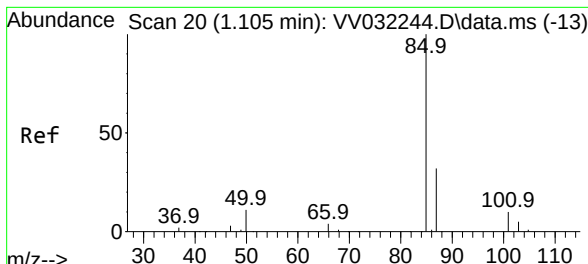
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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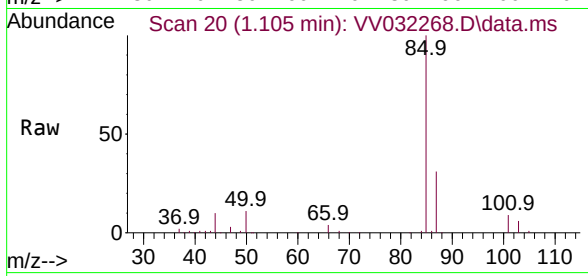
Quant Time: Oct 06 01:32:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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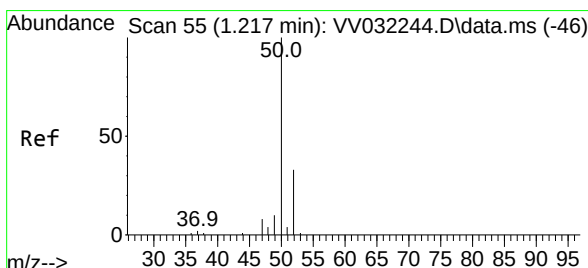
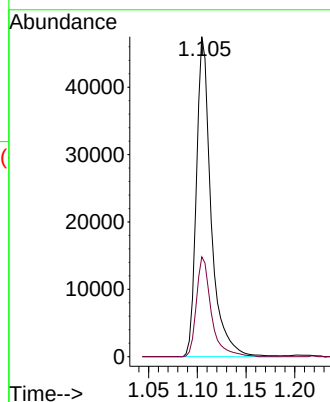
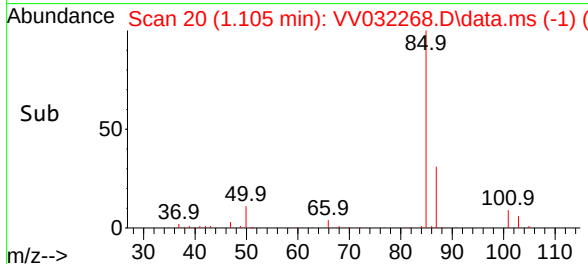


#2
 Dichlorodifluoromethane
 Concen: 4.661 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Instrument :
 MSVOA_V
 ClientSampleId :

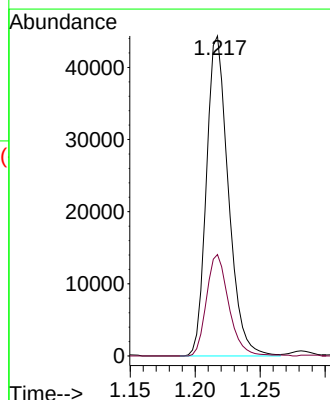
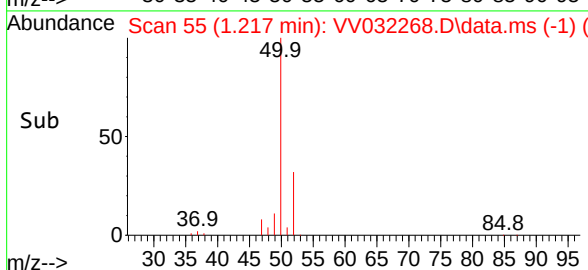
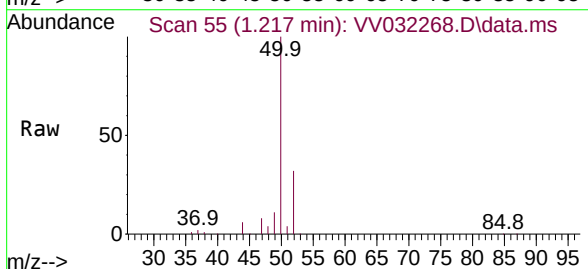


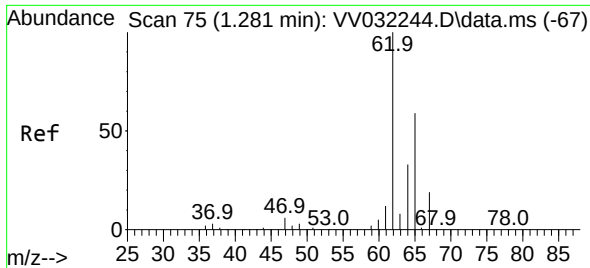
Tgt Ion: 85 Resp: 49805
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.5 38.3



#3
 Chloromethane
 Concen: 4.839 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Tgt Ion: 50 Resp: 52125
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.0 42.6



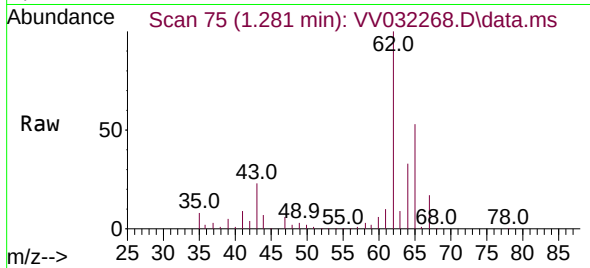


#5
 Vinyl chloride
 Concen: 4.738 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

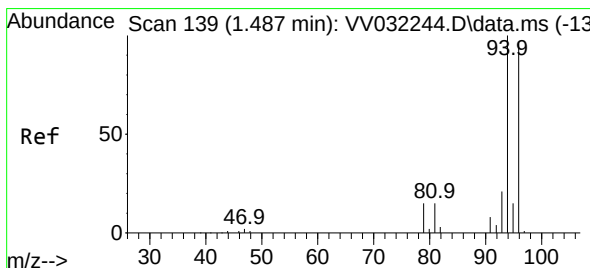
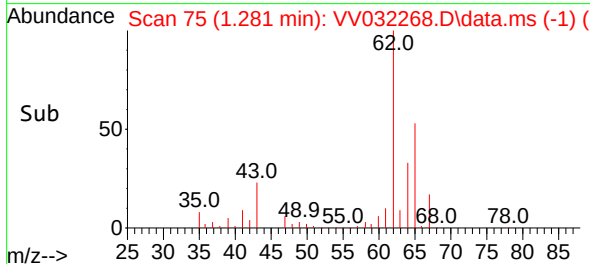
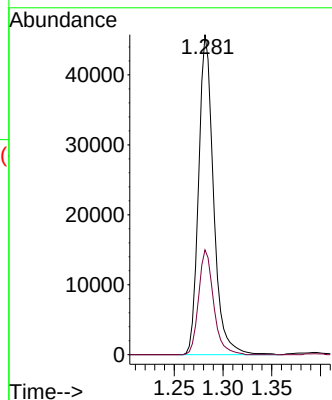
Instrument :

MSVOA_V

ClientSampleId :

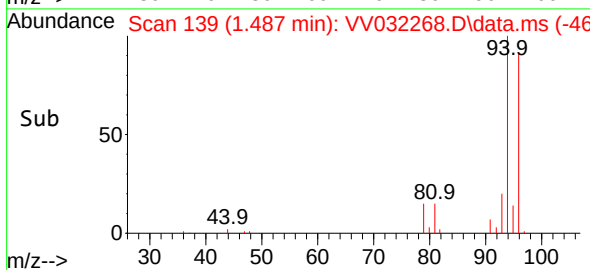
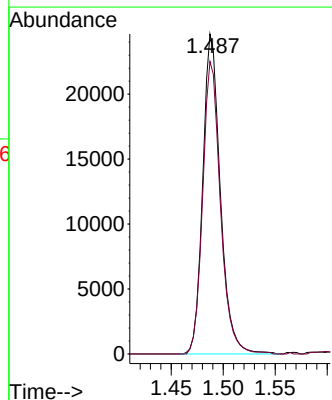
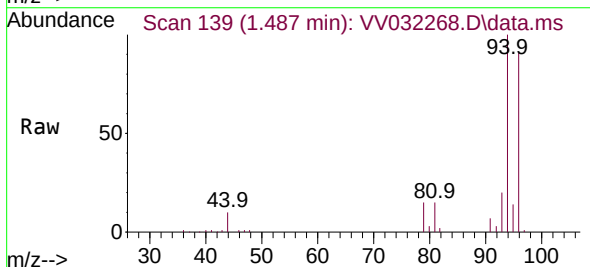


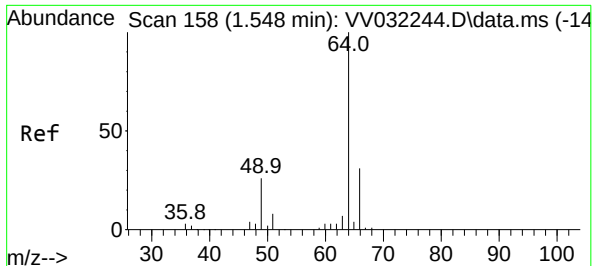
Tgt Ion: 62 Resp: 48677
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.667 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Tgt Ion: 94 Resp: 28967
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.8 124.2

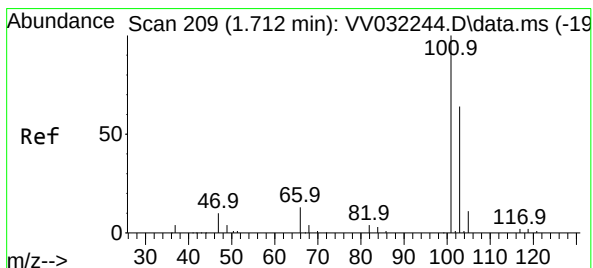
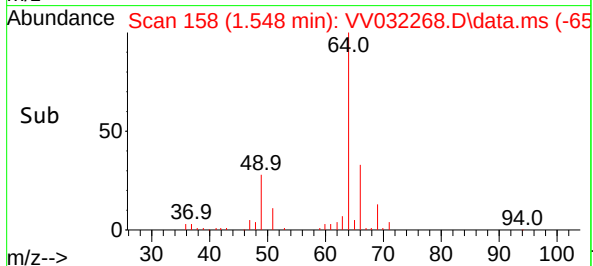
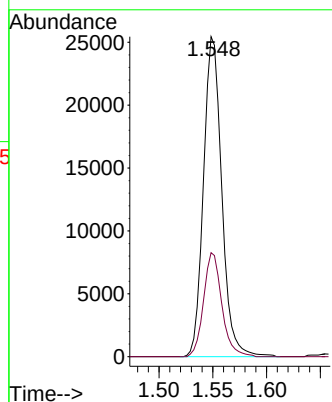
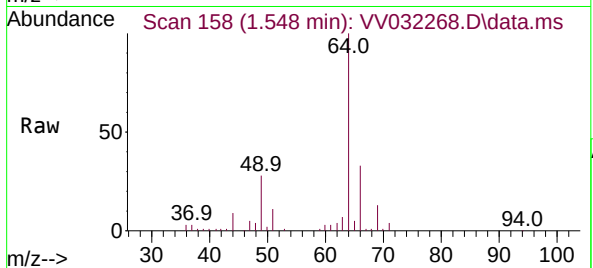




#8
Chloroethane
Concen: 4.858 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

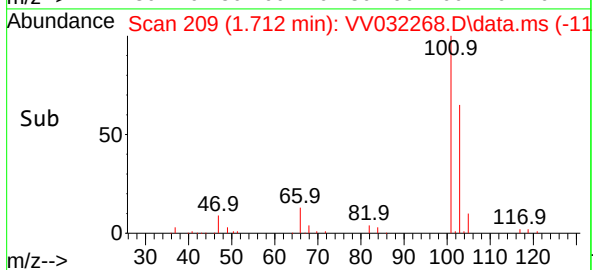
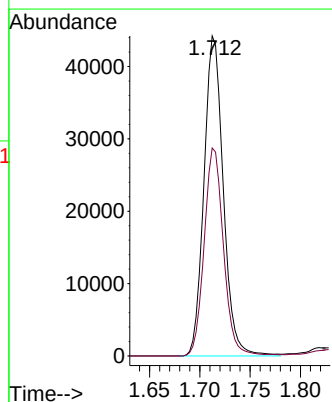
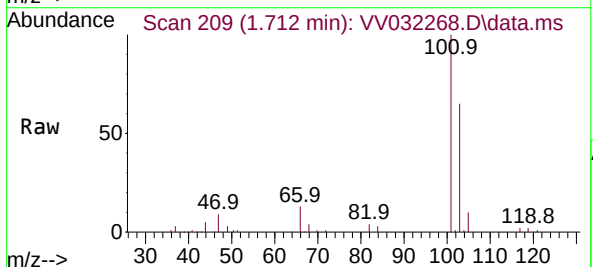
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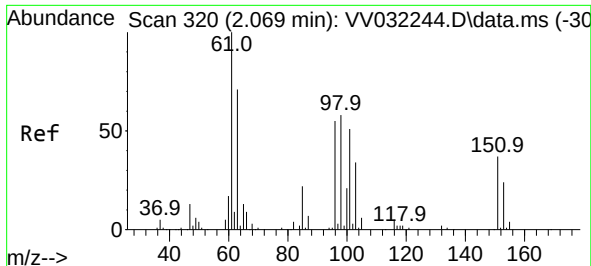
Tgt Ion: 64 Resp: 30051
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion:101 Resp: 59157
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

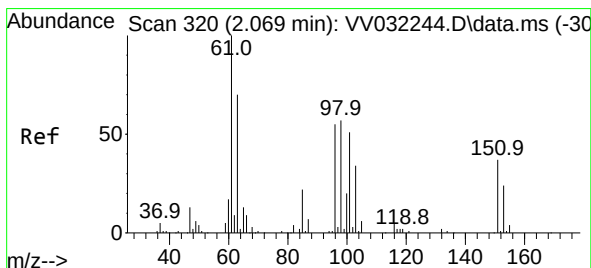
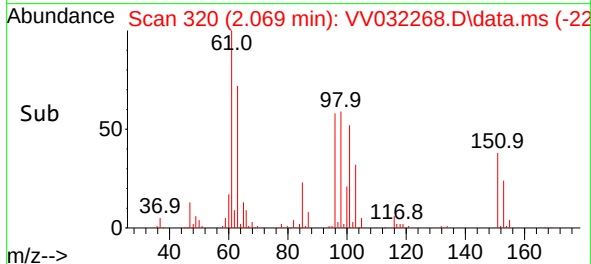
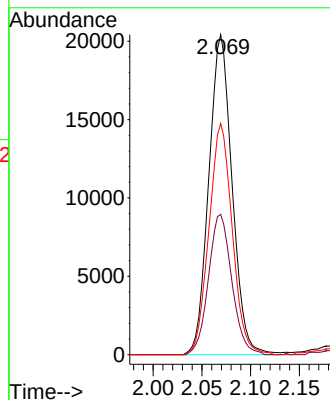
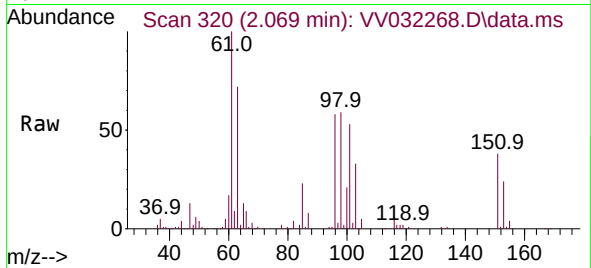




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.544 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

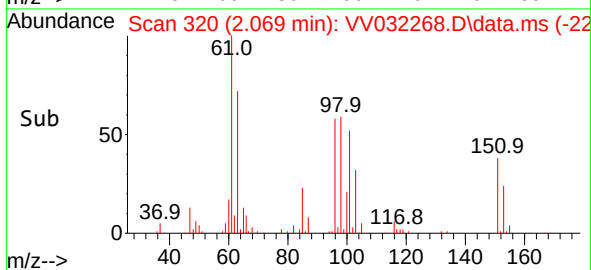
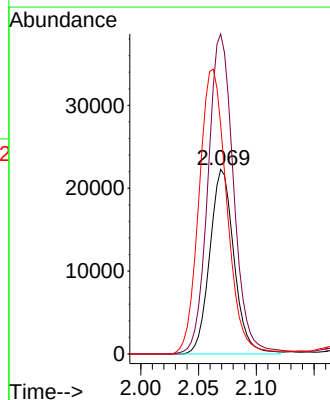
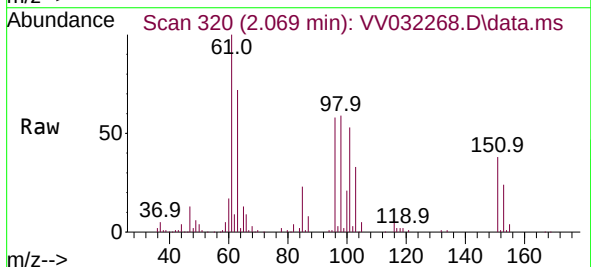
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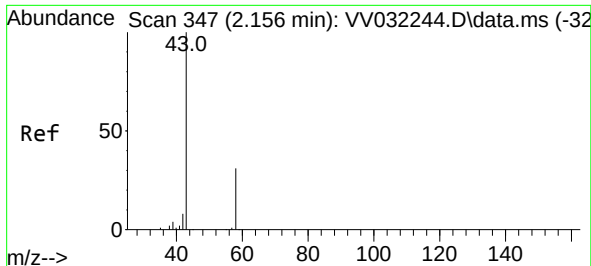
Tgt Ion:101 Resp: 33928
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.0 52.6
 151 72.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.625 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Tgt Ion: 96 Resp: 32525
 Ion Ratio Lower Upper
 96 100
 61 173.4 127.3 236.3
 63 124.0 98.3 182.7





#13

Acetone

Concen: 43.293 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

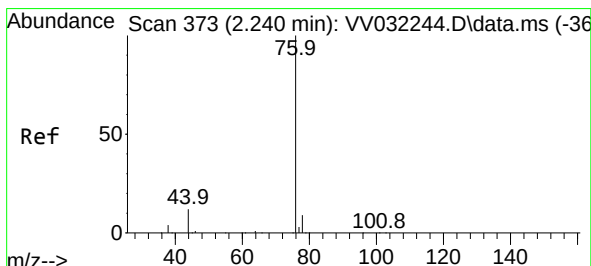
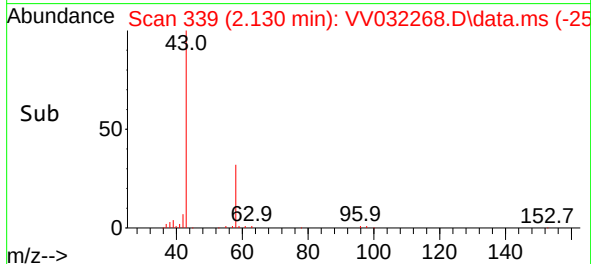
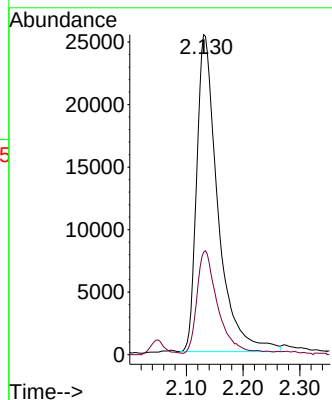
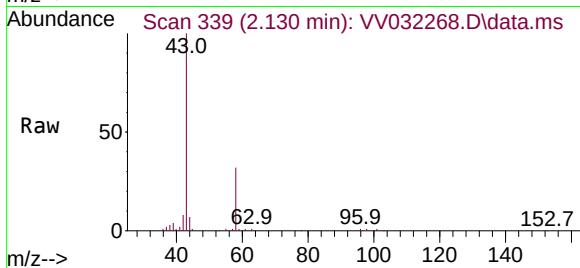
ClientSampleId :

Tgt Ion: 43 Resp: 65832

Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.0



#14

Carbon disulfide

Concen: 4.299 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032268.D

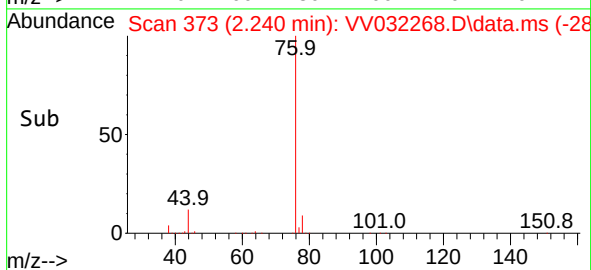
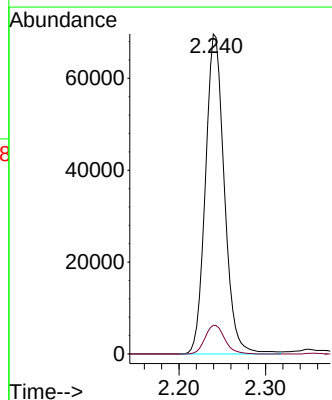
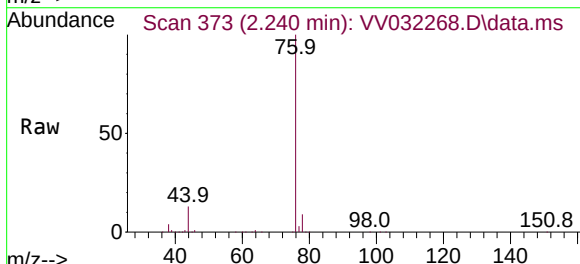
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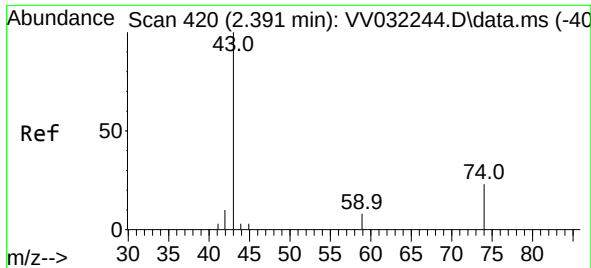
Tgt Ion: 76 Resp: 105697

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

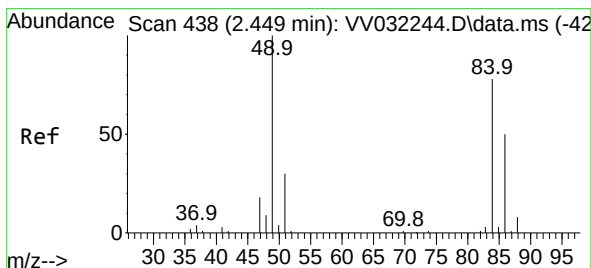
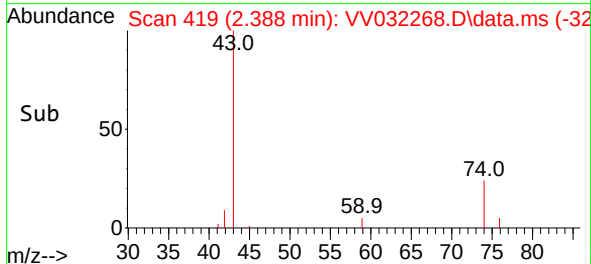
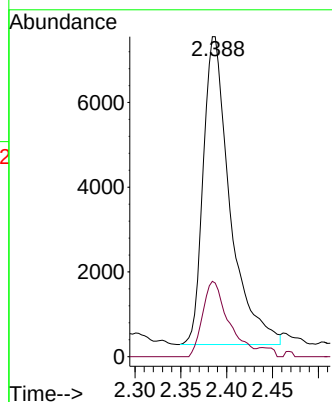
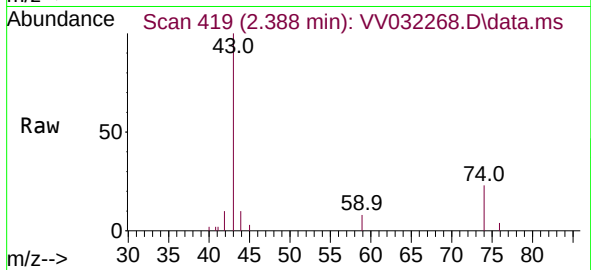




#15
Methyl Acetate
Concen: 4.312 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

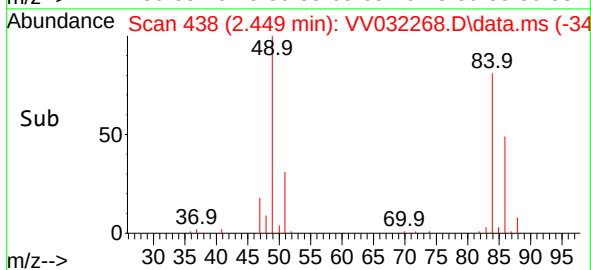
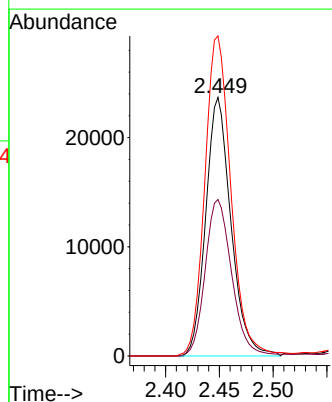
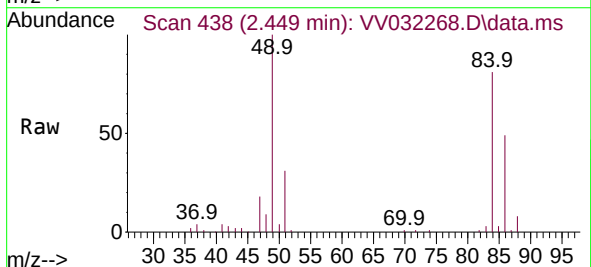
Instrument :
MSVOA_V
ClientSampleId :

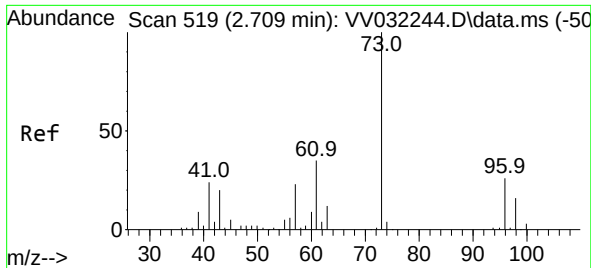
Tgt Ion: 43 Resp: 14761
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0



#16
Methylene chloride
Concen: 4.227 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

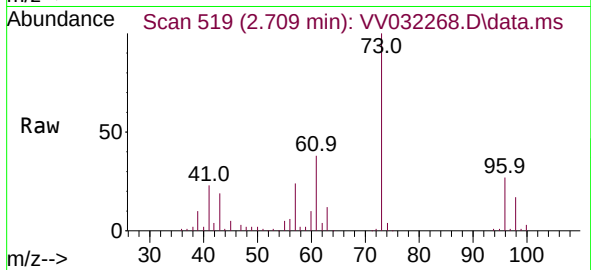
Tgt Ion: 84 Resp: 38757
Ion Ratio Lower Upper
84 100
86 60.5 43.2 80.2
49 123.8 86.3 160.3



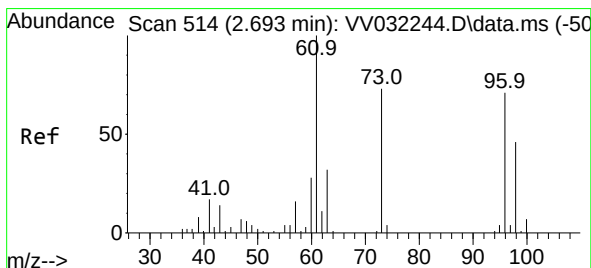
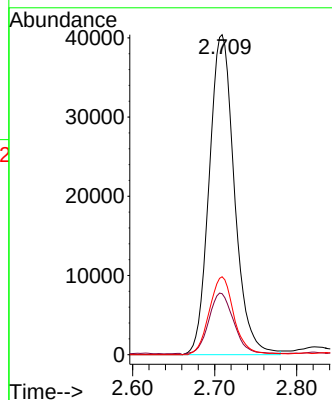
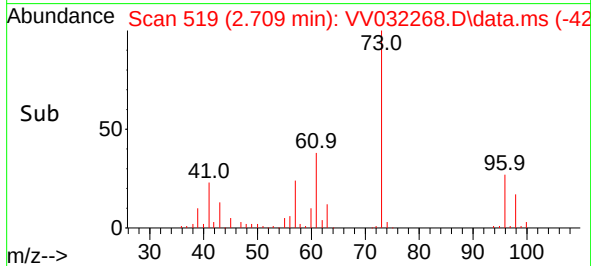


#17
Methyl tert-butyl Ether
Concen: 4.515 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Instrument :
MSVOA_V
ClientSampleId :

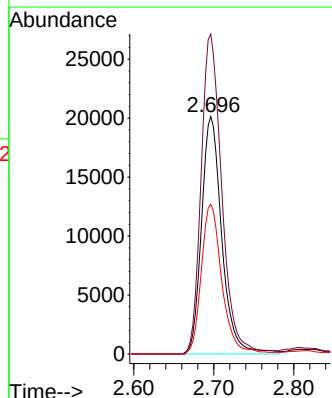
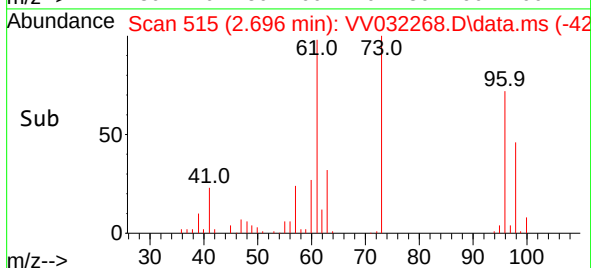
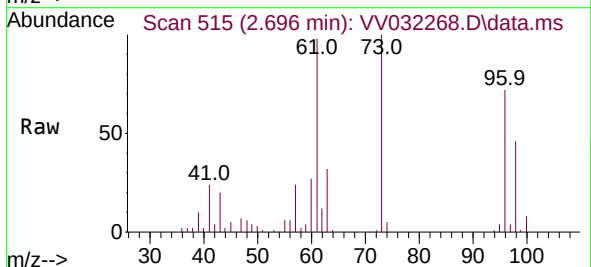


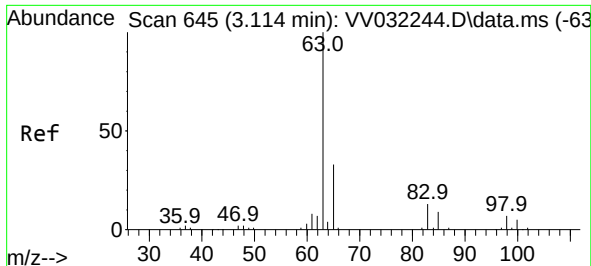
Tgt Ion: 73	Resp: 86451
Ion Ratio	Lower Upper
73	100
43	19.6 15.1 22.7
57	23.9 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.416 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 96	Resp: 35573
Ion Ratio	Lower Upper
96	100
61	134.8 96.9 180.1
98	63.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.502 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

ClientSampleId :

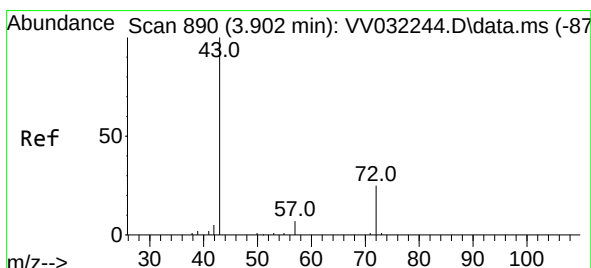
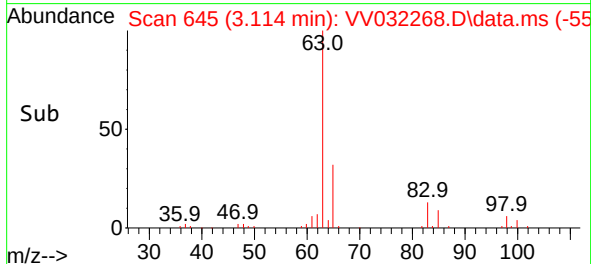
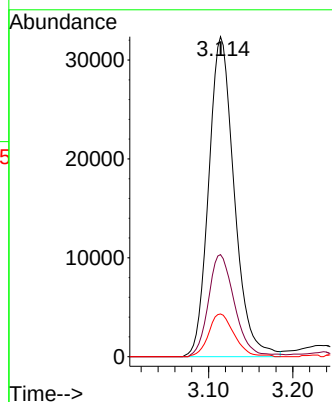
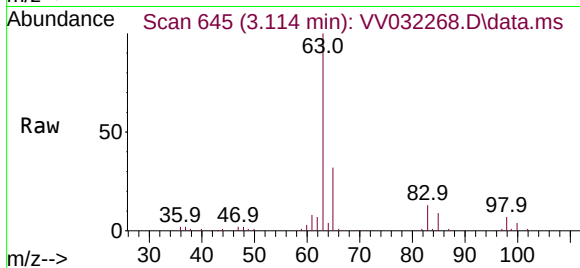
Tgt Ion: 63 Resp: 68219

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.3 9.0 16.6



#21

2-Butanone

Concen: 40.990 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.016 min

Lab File: VV032268.D

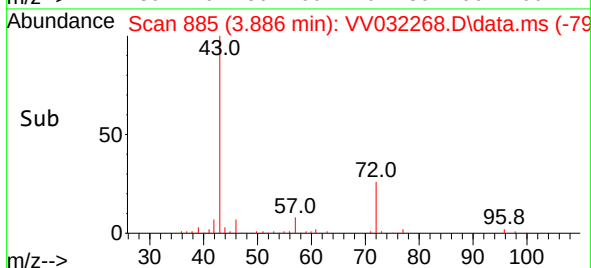
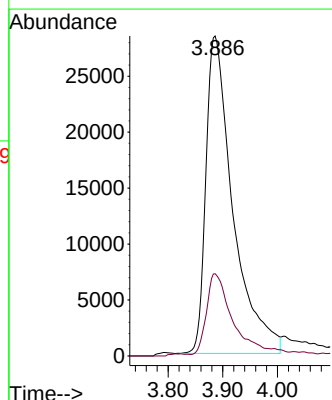
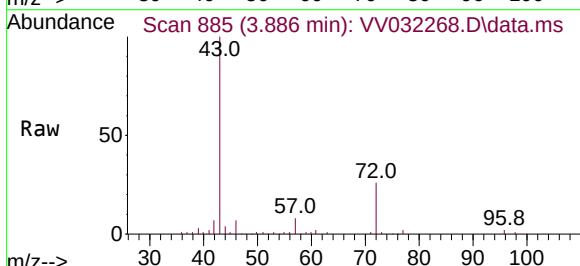
Acq: 05 Oct 2023 20:14

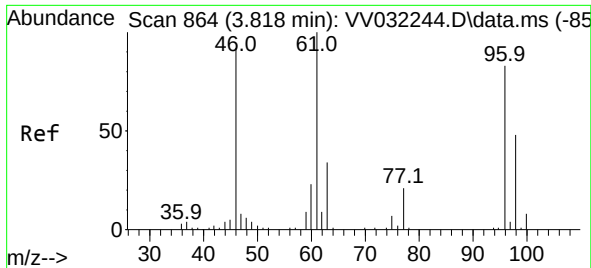
Tgt Ion: 43 Resp: 97471

Ion Ratio Lower Upper

43 100

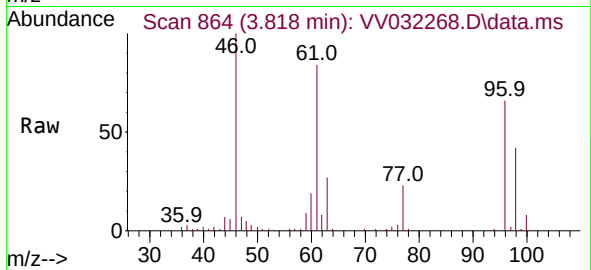
72 23.9 11.6 34.8



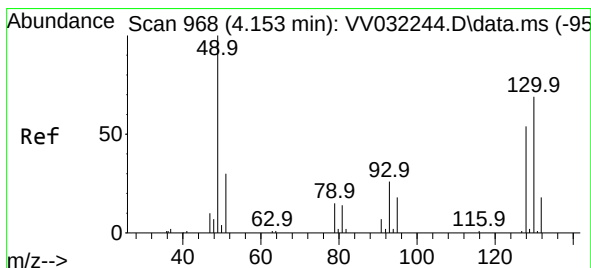
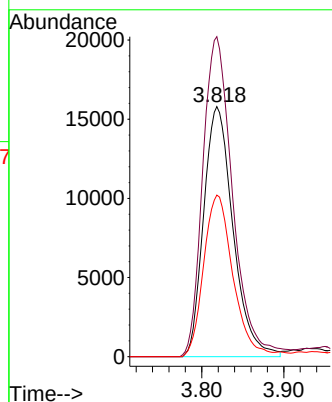
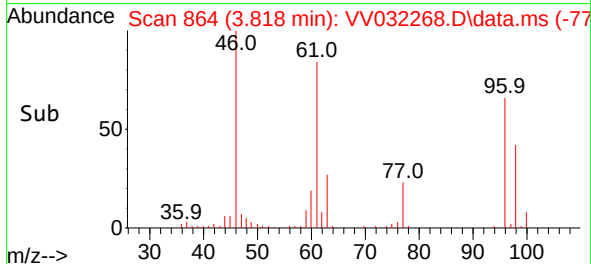


#22
 cis-1,2-Dichloroethene
 Concen: 4.526 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Instrument :
 MSVOA_V
 ClientSampleId :

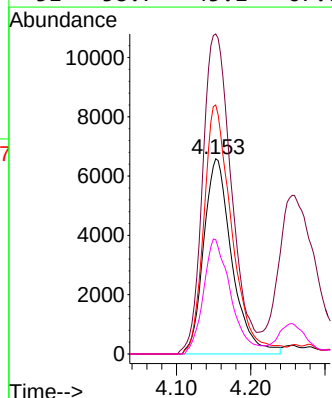
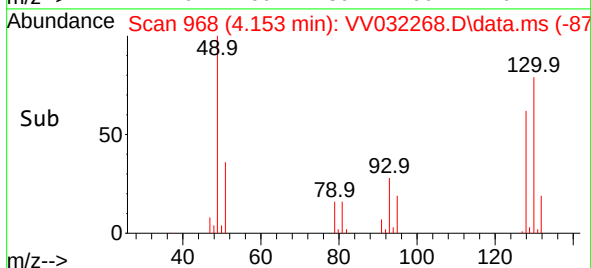
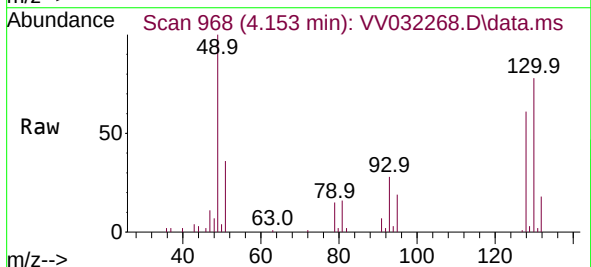


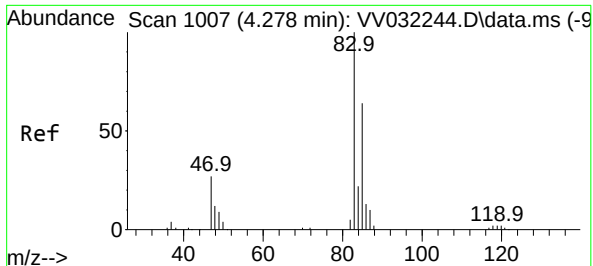
Tgt Ion: 96 Resp: 39255
 Ion Ratio Lower Upper
 96 100
 61 127.9 85.8 159.4
 98 64.6 44.0 81.6



#23
 Bromochloromethane
 Concen: 4.755 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV032268.D
 Acq: 05 Oct 2023 20:14

Tgt Ion: 128 Resp: 17350
 Ion Ratio Lower Upper
 128 100
 49 164.0 121.2 225.0
 130 127.6 88.2 163.8
 51 58.7 45.1 67.7





#25

Chloroform

Concen: 5.062 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

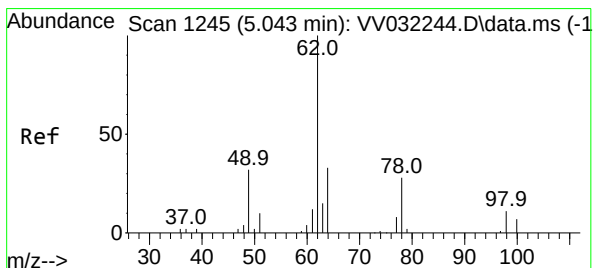
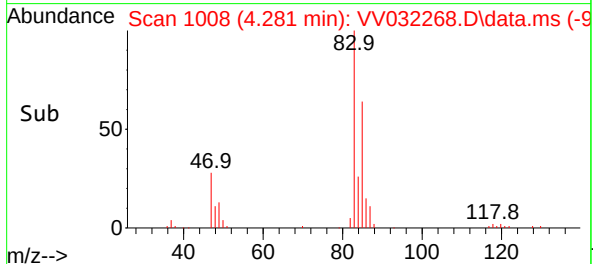
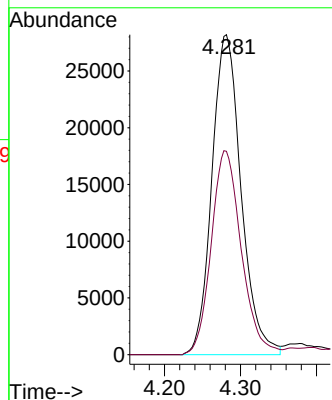
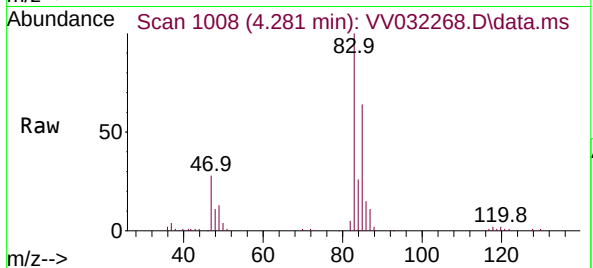
ClientSampleId :

Tgt Ion: 83 Resp: 75270

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.595 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032268.D

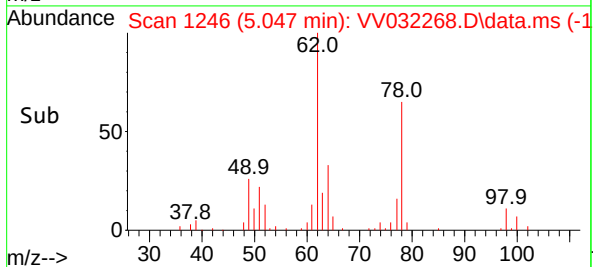
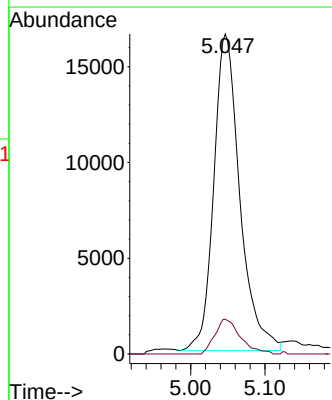
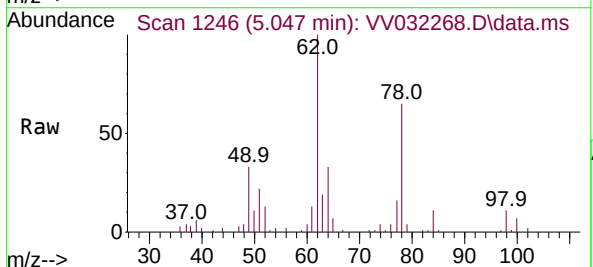
Acq: 05 Oct 2023 20:14

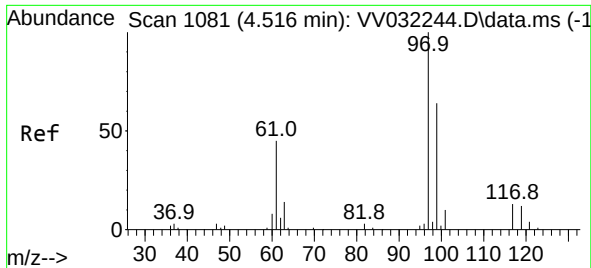
Tgt Ion: 62 Resp: 40360

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.559 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

ClientSampleId :

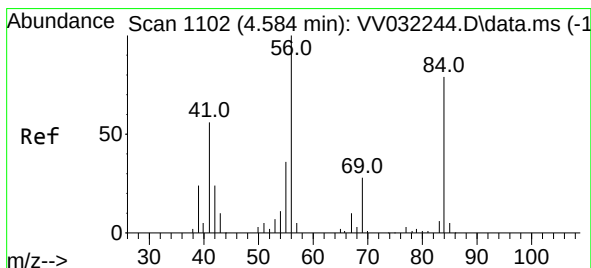
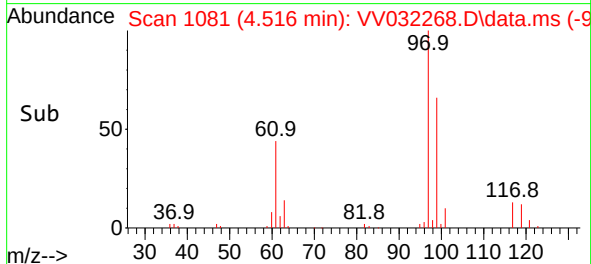
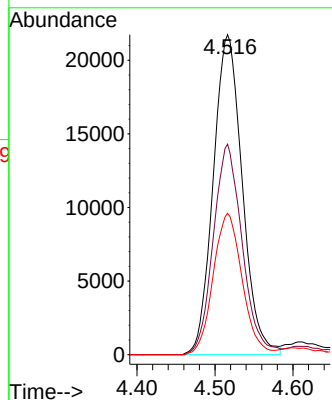
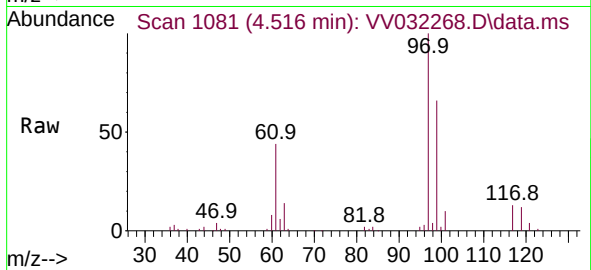
Tgt Ion: 97 Resp: 56244

Ion Ratio Lower Upper

97 100

99 65.6 50.1 75.1

61 44.0 35.1 52.7



#30

Cyclohexane

Concen: 3.995 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

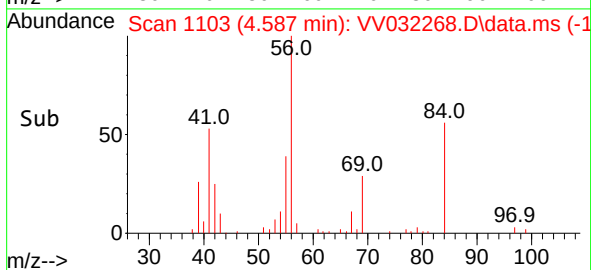
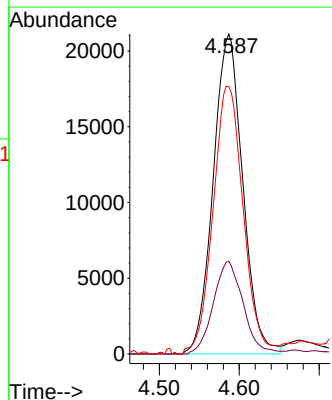
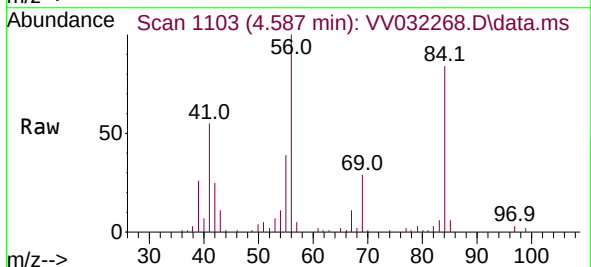
Tgt Ion: 56 Resp: 54154

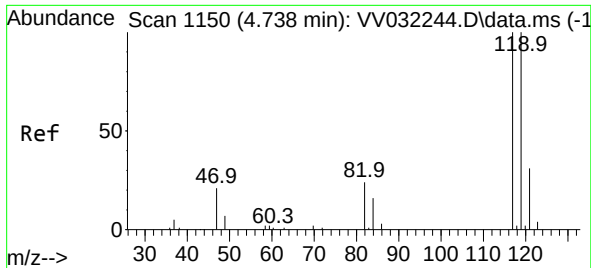
Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.2

84 85.3 68.1 102.1

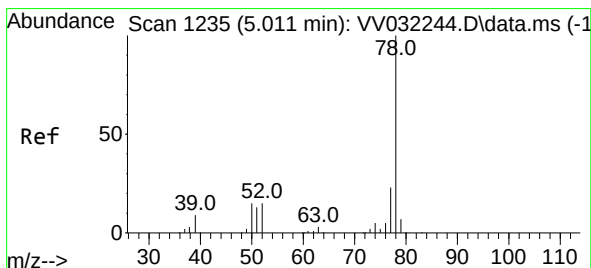
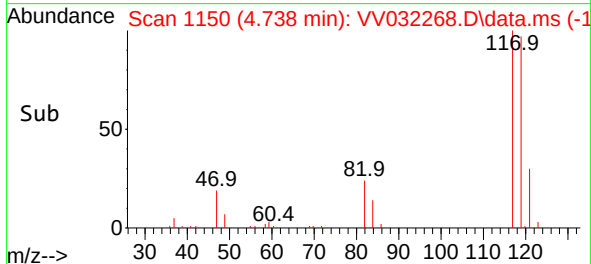
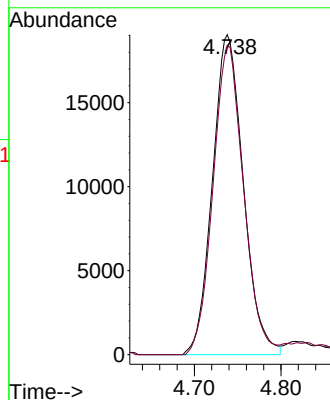
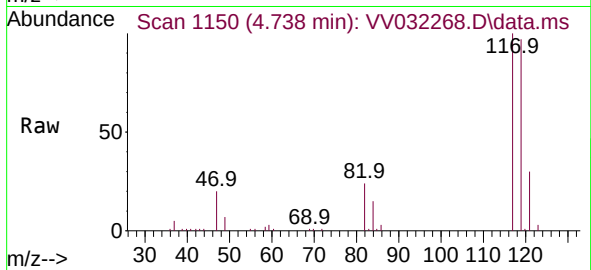




#31
Carbon tetrachloride
Concen: 4.520 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

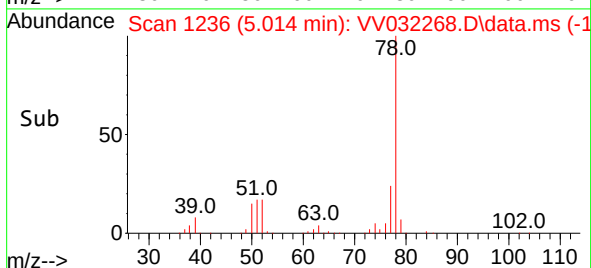
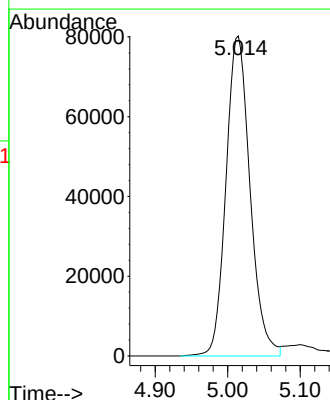
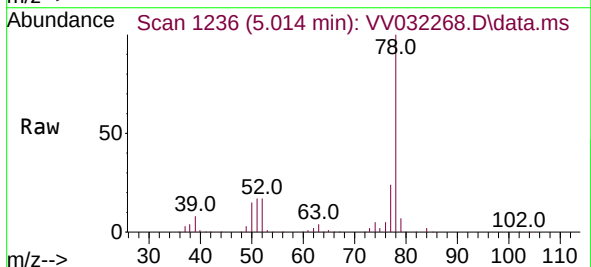
Instrument :
MSVOA_V
ClientSampleId :

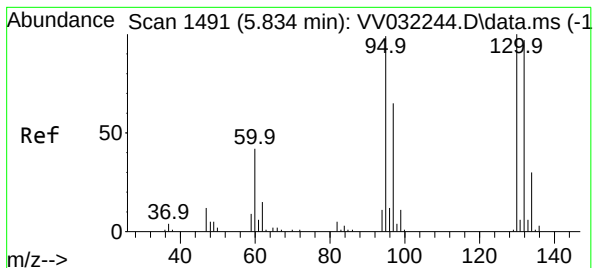
Tgt Ion:117 Resp: 47176
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4



#33
Benzene
Concen: 5.796 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 78 Resp: 185162





#34

Trichloroethene

Concen: 150.204 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1309846

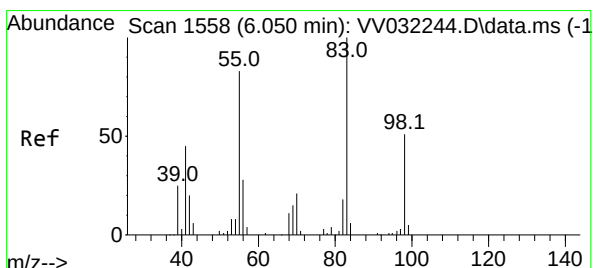
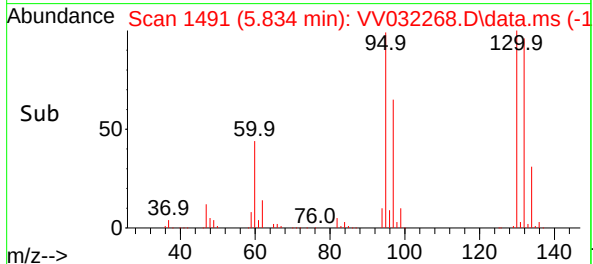
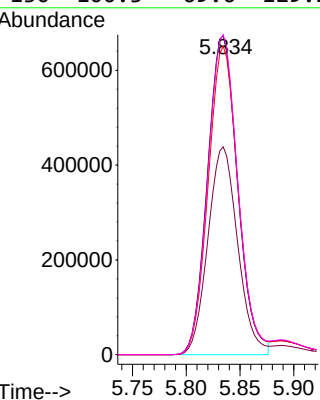
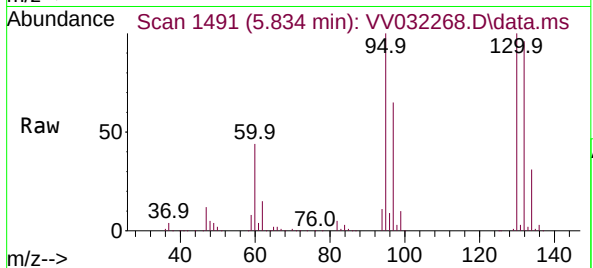
Ion Ratio Lower Upper

95 100

97 65.2 45.7 84.9

132 96.7 70.3 130.5

130 100.3 69.6 129.2



#35

Methylcyclohexane

Concen: 4.335 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

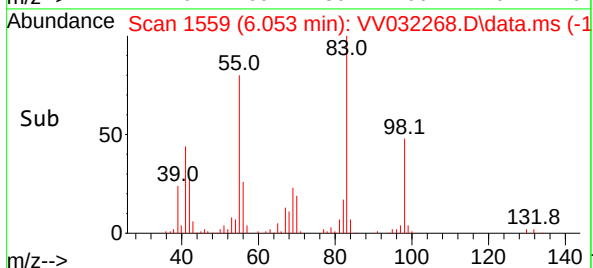
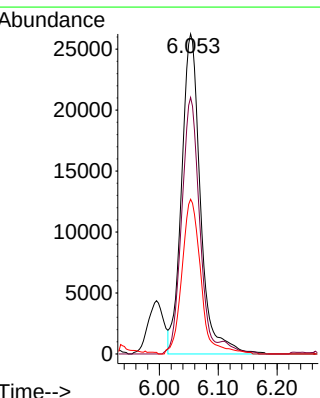
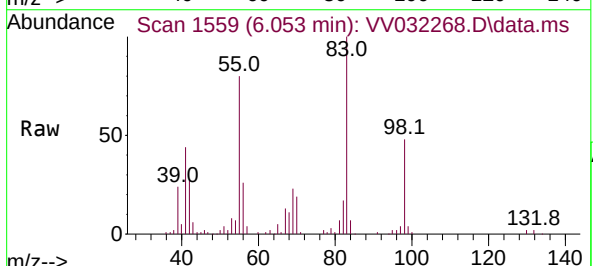
Tgt Ion: 83 Resp: 58503

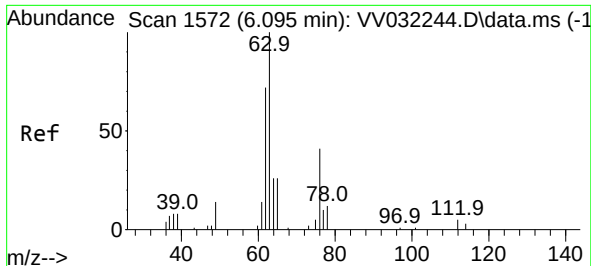
Ion Ratio Lower Upper

83 100

55 74.8 64.2 96.2

98 48.3 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.610 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

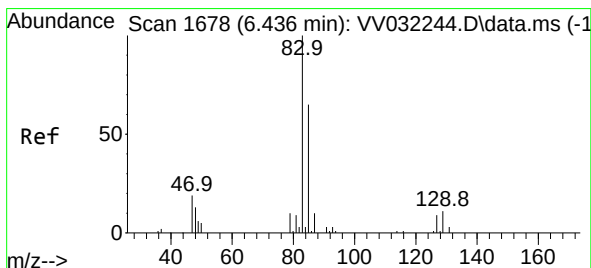
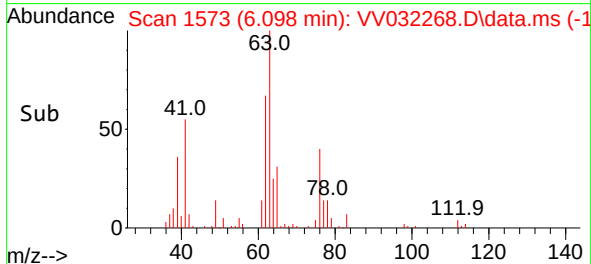
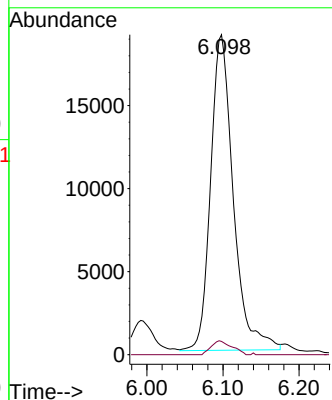
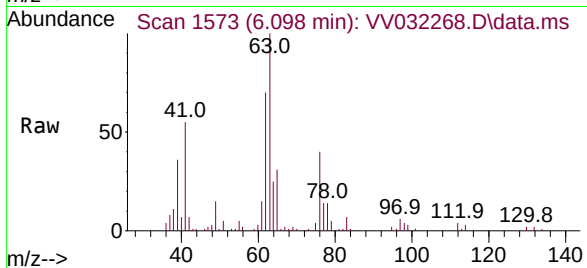
ClientSampleId :

Tgt Ion: 63 Resp: 39384

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.971 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

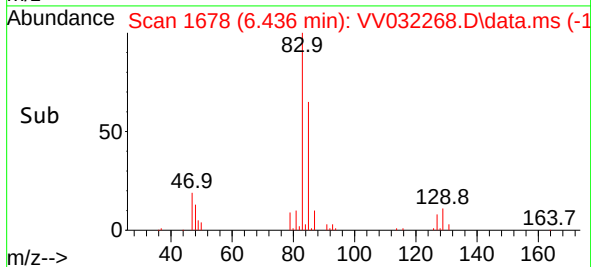
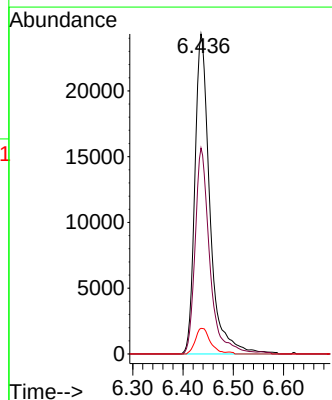
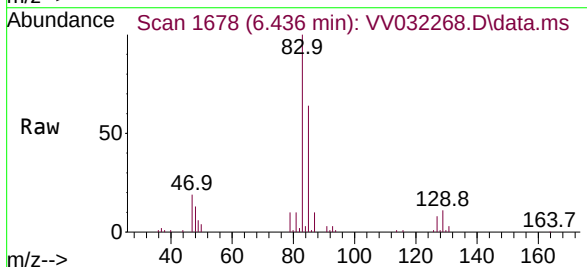
Tgt Ion: 83 Resp: 50460

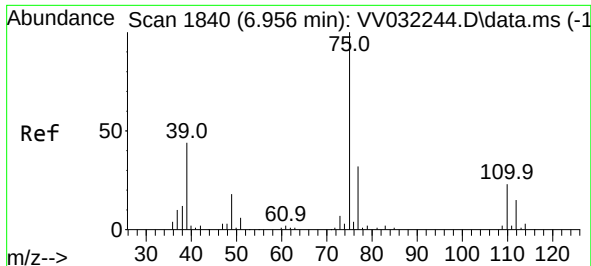
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.477 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

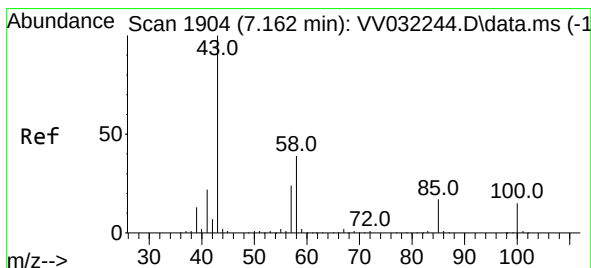
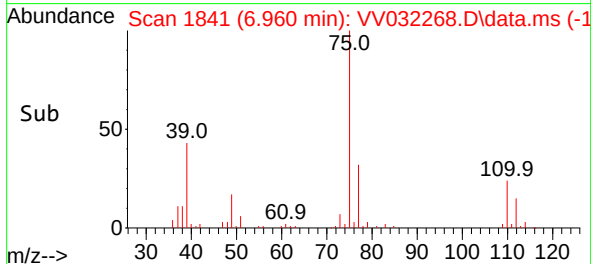
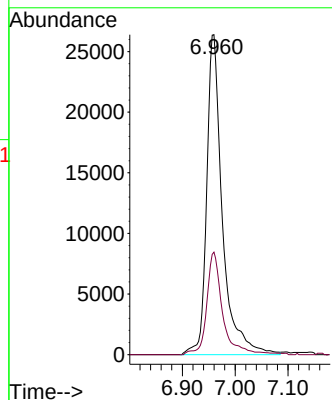
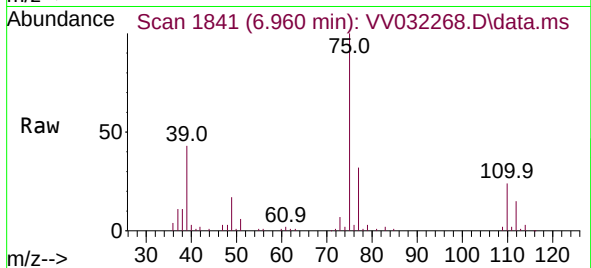
ClientSampleId :

Tgt Ion: 75 Resp: 54435

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 47.654 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

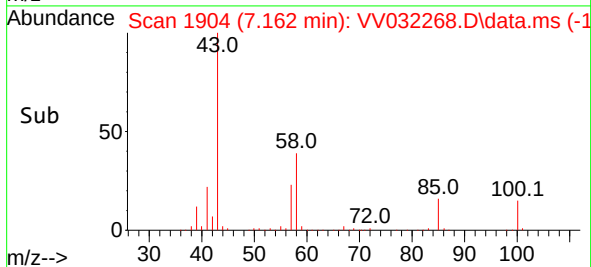
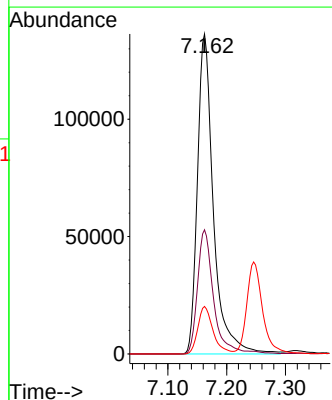
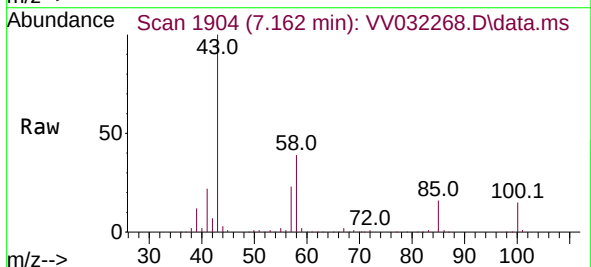
Tgt Ion: 43 Resp: 257630

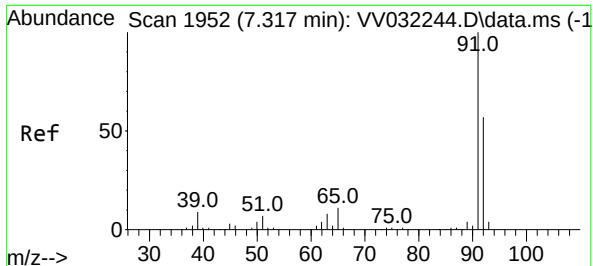
Ion Ratio Lower Upper

43 100

58 39.3 31.9 47.9

100 14.2 11.3 16.9





#42

Toluene

Concen: 5.704 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

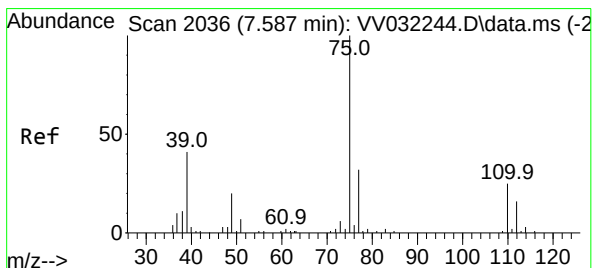
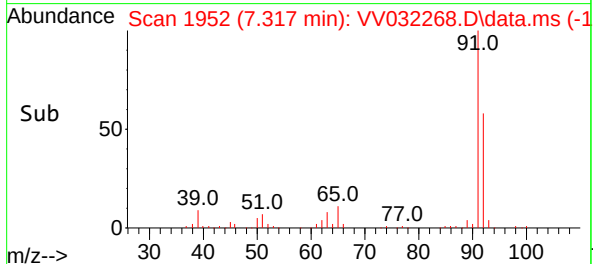
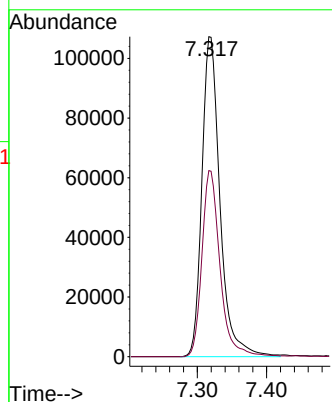
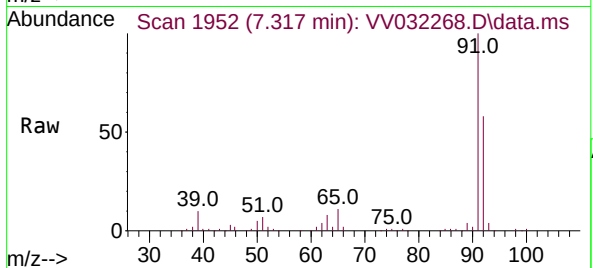
ClientSampleId :

Tgt Ion: 91 Resp: 194225

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.406 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032268.D

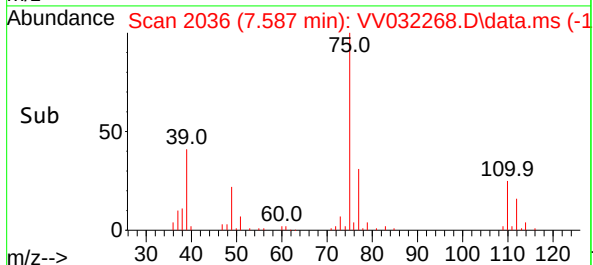
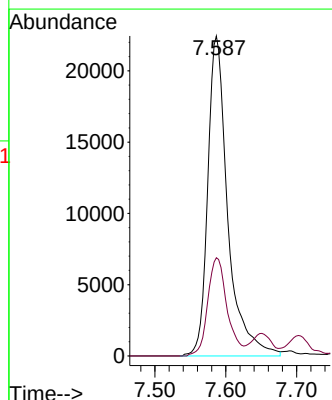
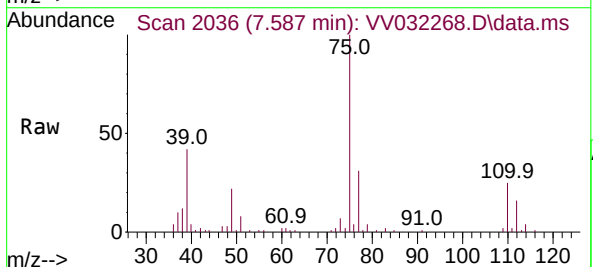
Acq: 05 Oct 2023 20:14

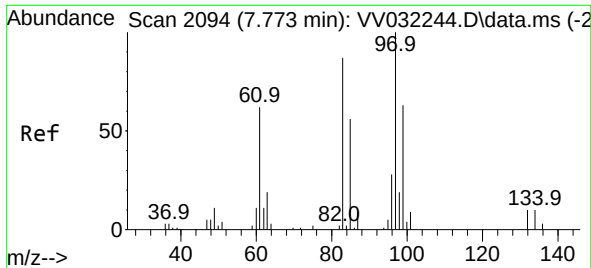
Tgt Ion: 75 Resp: 44028

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7

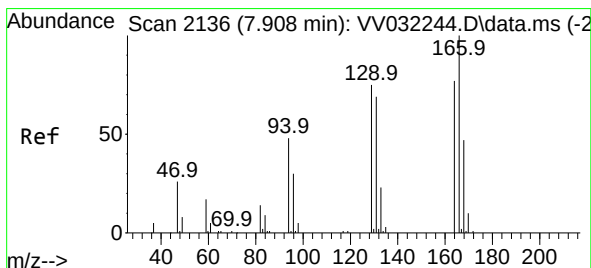
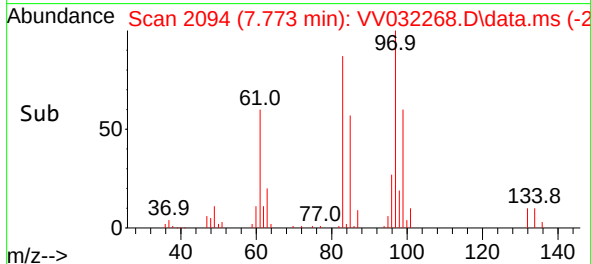
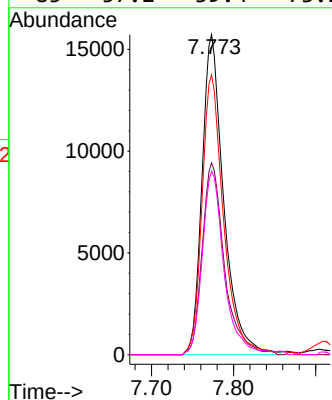
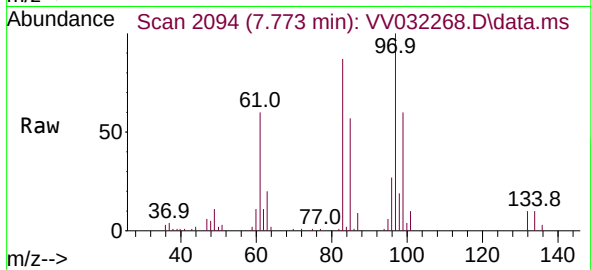




#45
1,1,2-Trichloroethane
Concen: 4.794 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

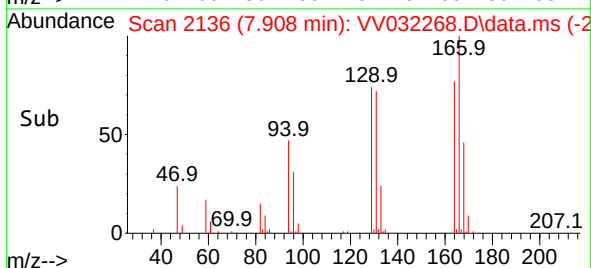
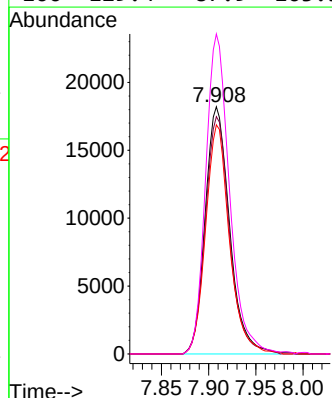
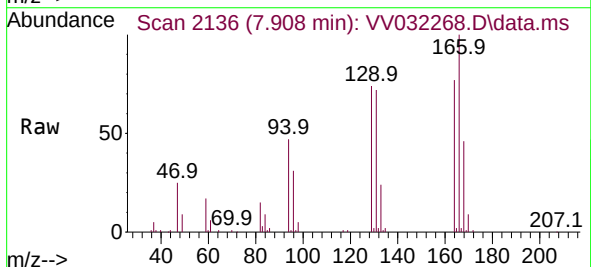
Instrument :
MSVOA_V
ClientSampleId :

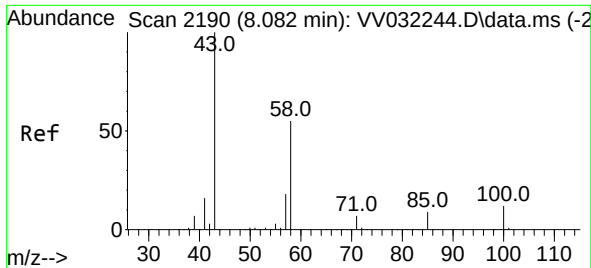
Tgt Ion:	97	Resp:	28893
Ion	Ratio	Lower	Upper
97	100		
99	59.9	42.8	79.4
83	87.5	60.9	113.1
85	57.2	39.4	73.2



#47
Tetrachloroethene
Concen: 4.953 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion:	164	Resp:	32757
Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.4	123.4
131	92.7	63.7	118.3
166	129.4	87.9	163.3



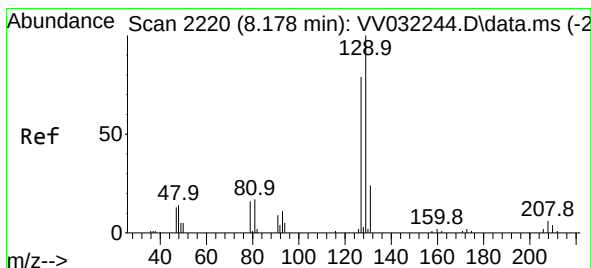
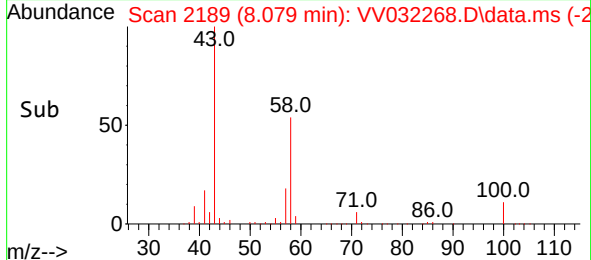
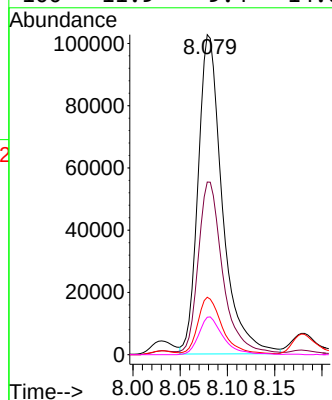
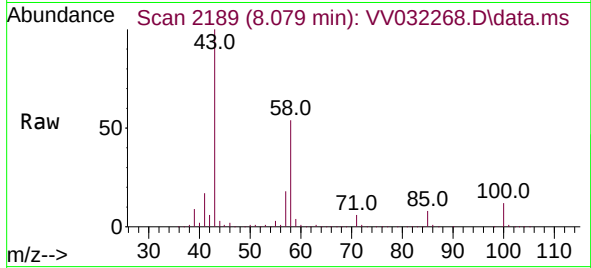


#48
2-Hexanone
Concen: 48.091 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 183437

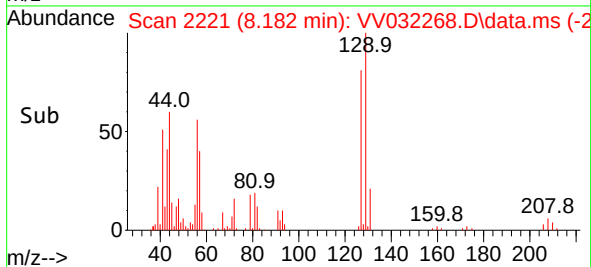
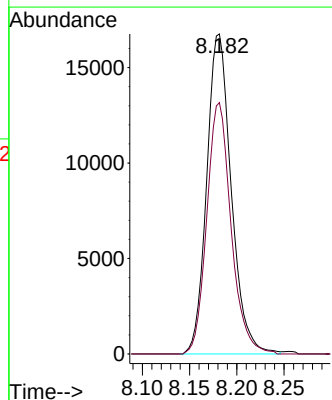
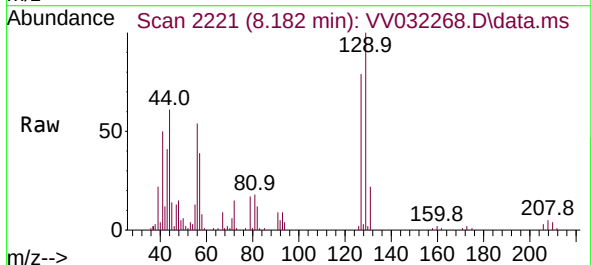
Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.6	65.4
57	18.3	14.6	22.0
100	11.9	9.4	14.0

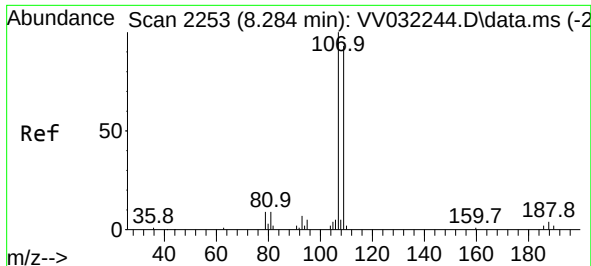


#49
Dibromochloromethane
Concen: 4.827 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 129 Resp: 30283

Ion	Ratio	Lower	Upper
129	100		
127	78.6	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.793 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

ClientSampleId :

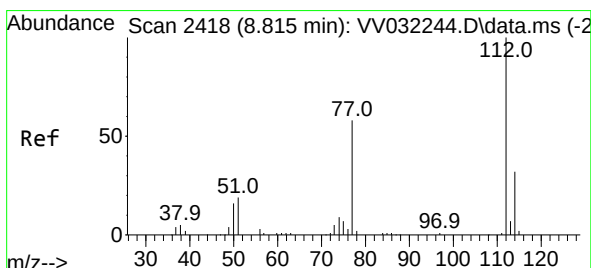
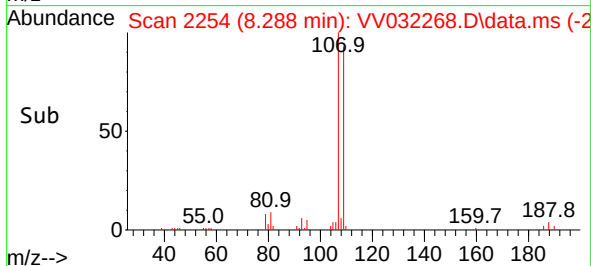
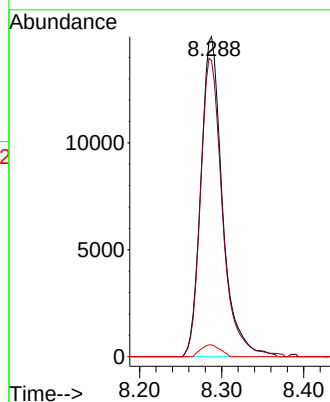
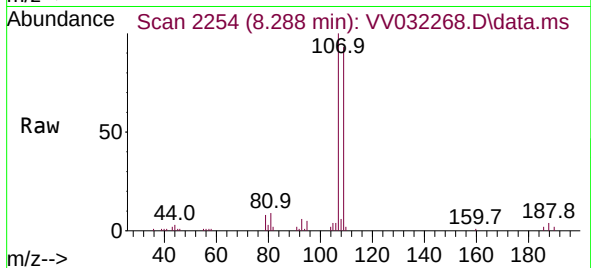
Tgt Ion:107 Resp: 27320

Ion Ratio Lower Upper

107 100

109 92.5 68.4 127.0

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 4.607 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

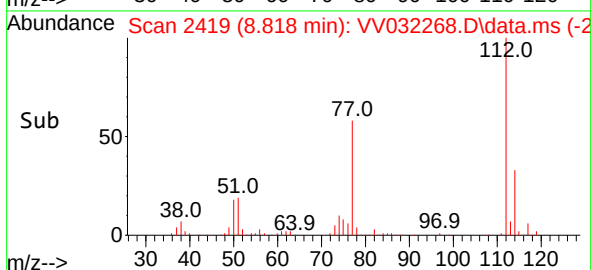
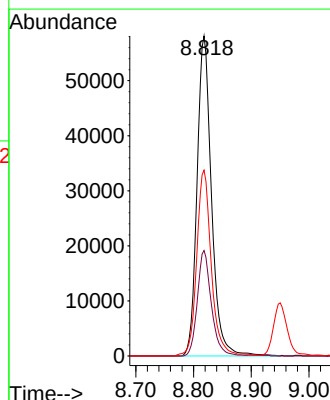
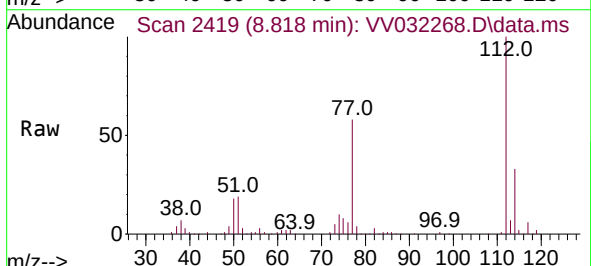
Tgt Ion:112 Resp: 101003

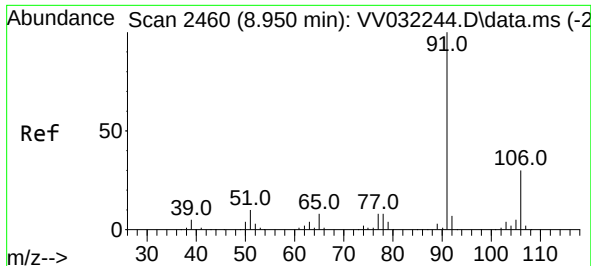
Ion Ratio Lower Upper

112 100

114 33.0 22.1 41.1

77 58.0 46.1 69.1

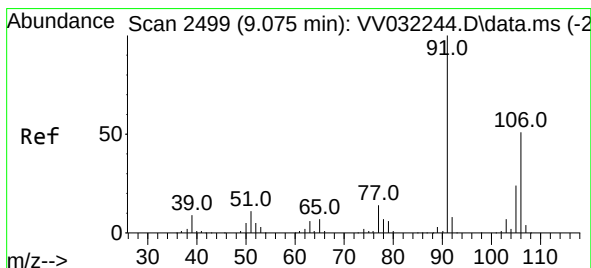
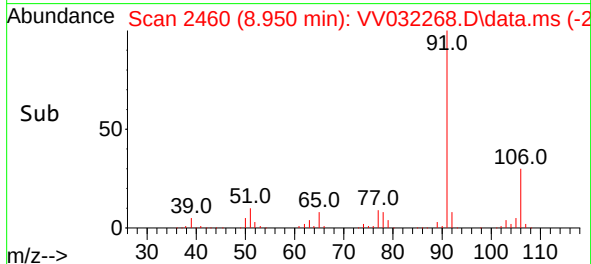
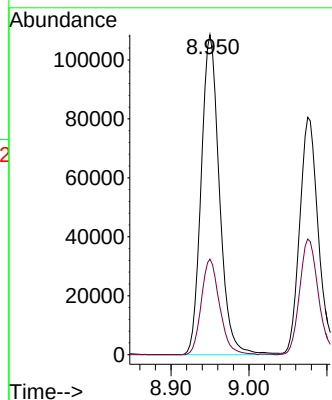
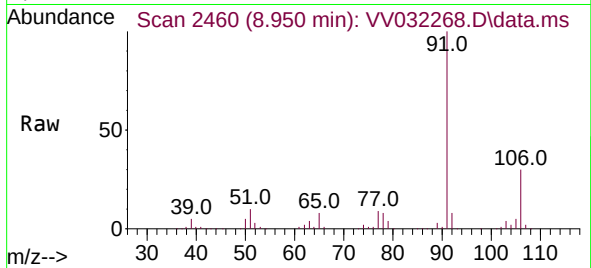




#52
Ethylbenzene
Concen: 4.652 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

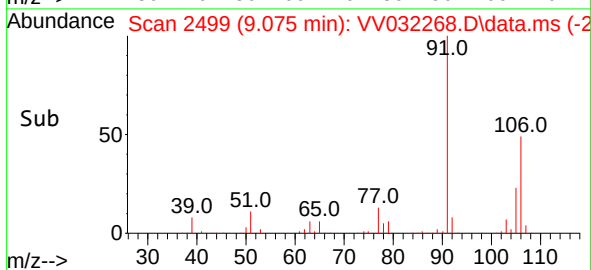
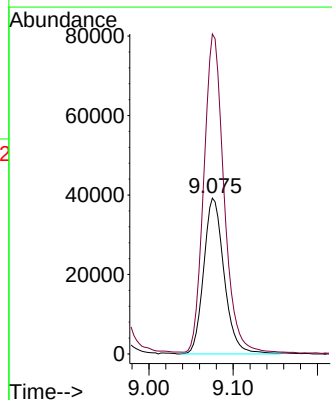
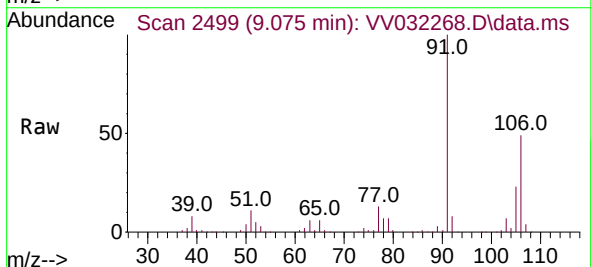
Instrument :
MSVOA_V
ClientSampleId :

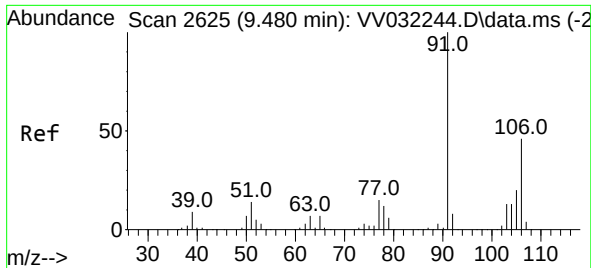
Tgt Ion: 91 Resp: 176390
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 4.718 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 106 Resp: 66353
Ion Ratio Lower Upper
106 100
91 205.2 144.5 268.3

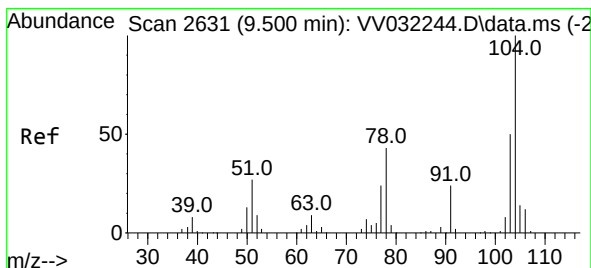
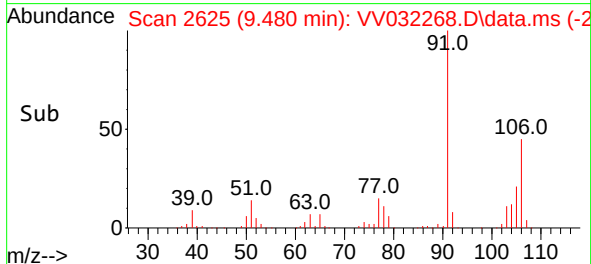
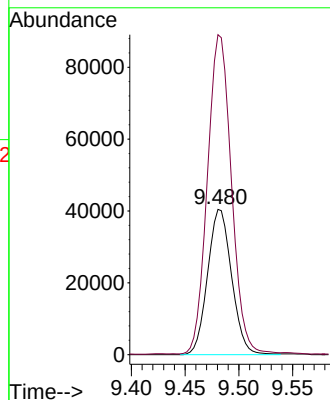
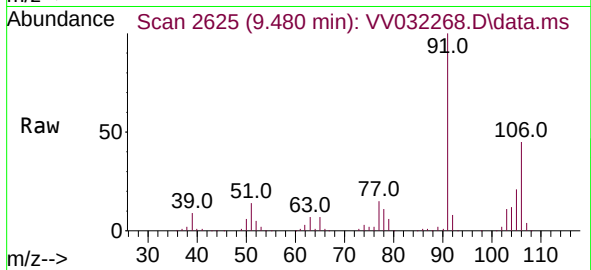




#54
o-Xylene
Concen: 4.644 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

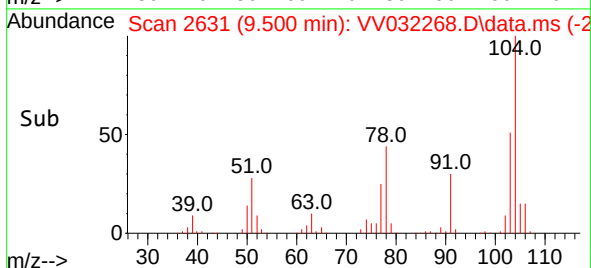
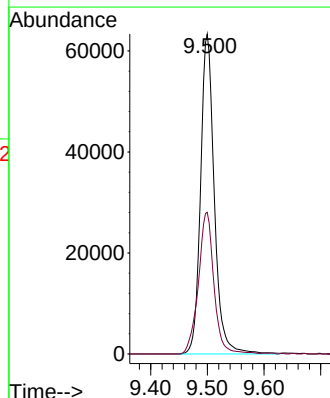
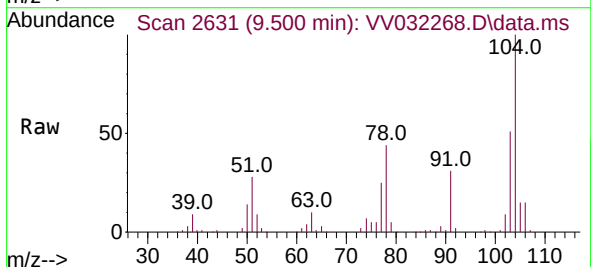
Instrument :
MSVOA_V
ClientSampleId :

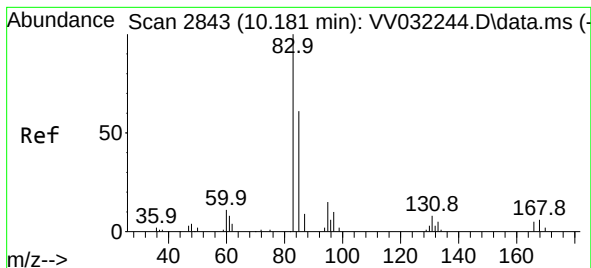
Tgt Ion:106 Resp: 62929
Ion Ratio Lower Upper
106 100
91 220.2 154.8 287.4



#55
Styrene
Concen: 4.668 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion:104 Resp: 106823
Ion Ratio Lower Upper
104 100
78 44.3 29.9 55.5

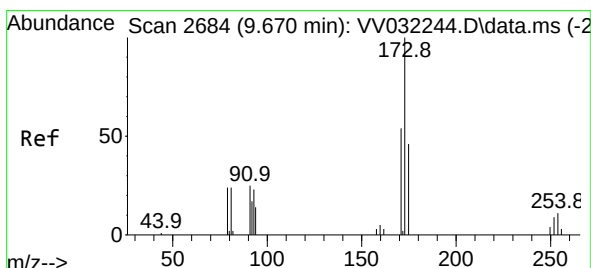
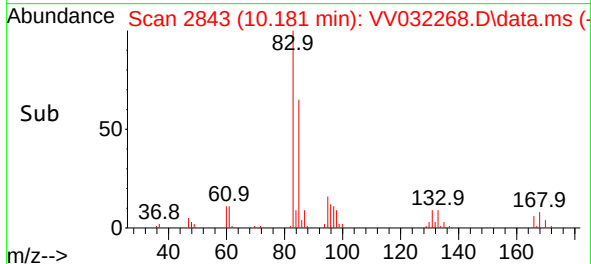
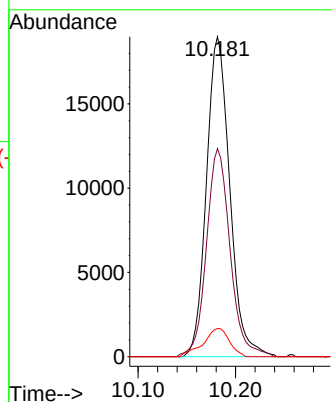
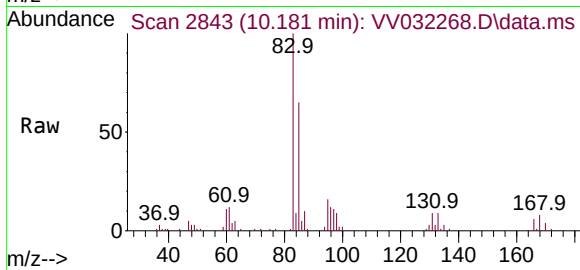




#57
1,1,2,2-Tetrachloroethane
Concen: 4.765 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

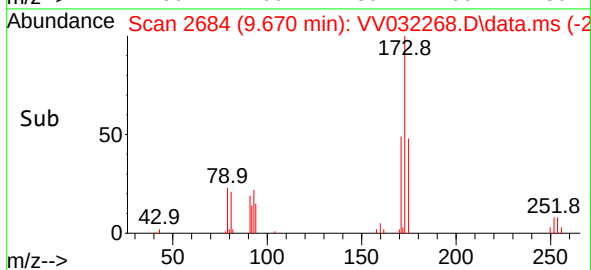
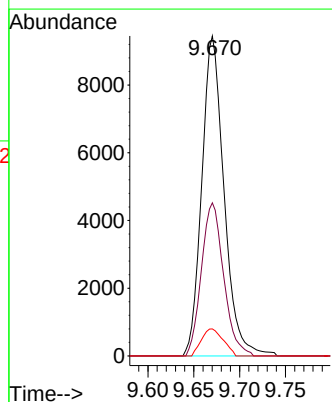
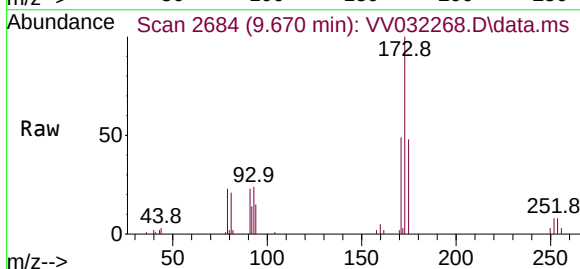
Instrument :
MSVOA_V
ClientSampleId :

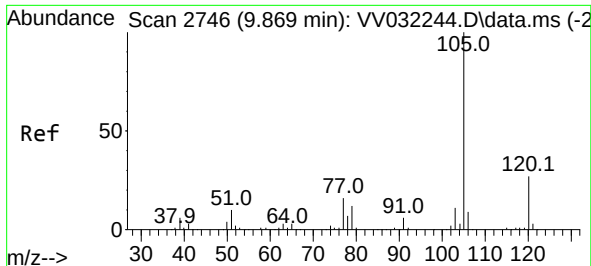
Tgt Ion: 83 Resp: 31599
Ion Ratio Lower Upper
83 100
85 65.0 43.6 81.0
131 8.8 7.0 10.6



#59
Bromoform
Concen: 4.503 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

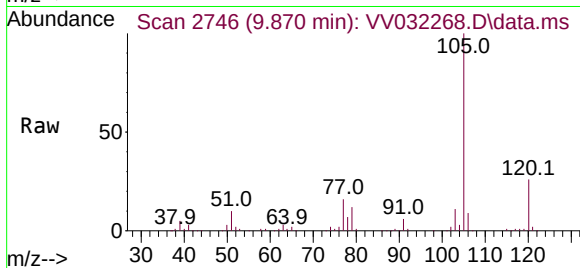
Tgt Ion: 173 Resp: 15949
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 8.3 7.0 10.4



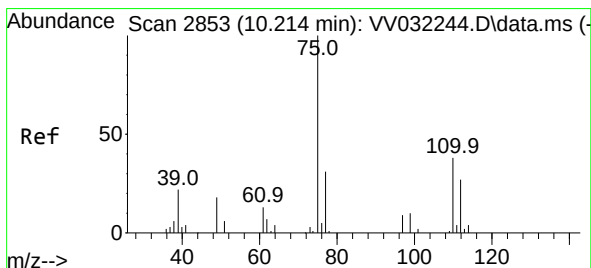
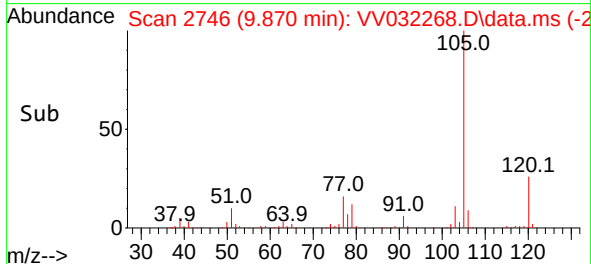
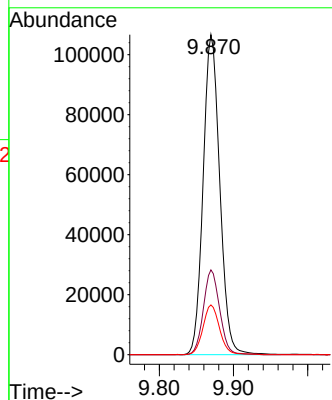


#60
Isopropylbenzene
Concen: 4.381 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Instrument :
MSVOA_V
ClientSampleId :

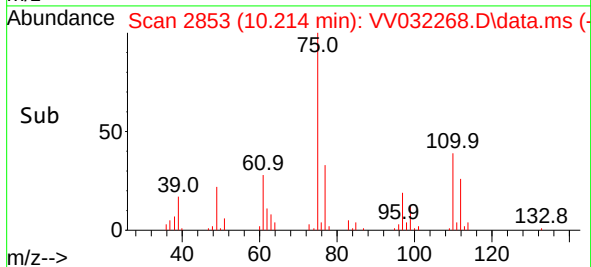
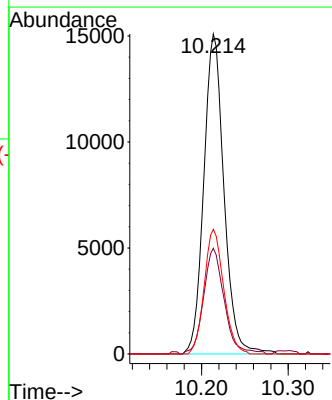
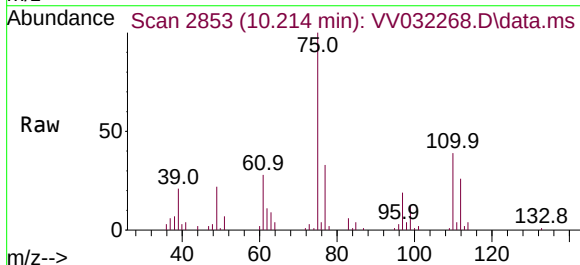


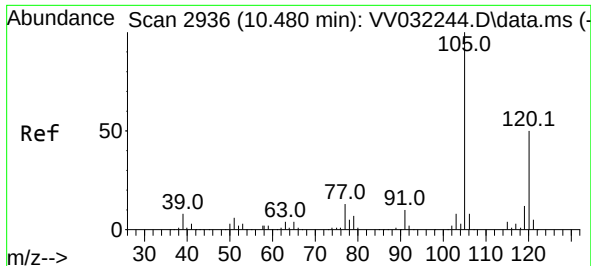
Tgt Ion:105 Resp: 165829
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.716 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 75 Resp: 24449
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
110 37.5 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.181 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

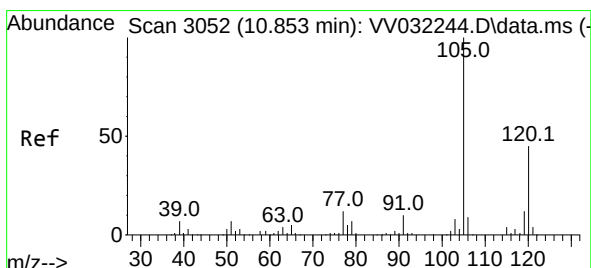
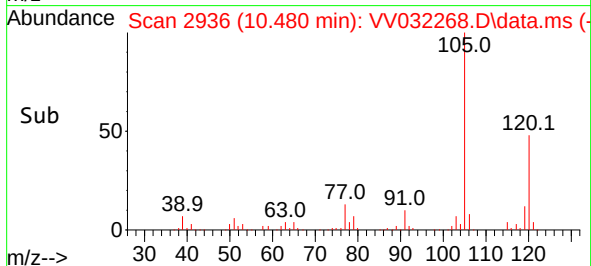
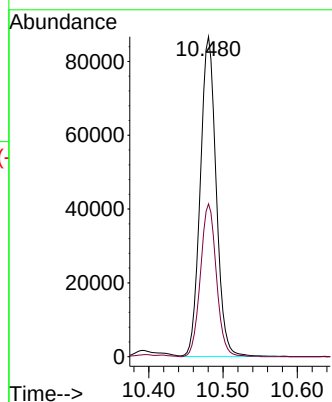
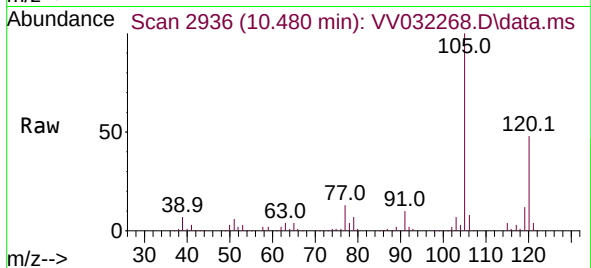
ClientSampleId :

Tgt Ion:105 Resp: 128992

Ion Ratio Lower Upper

105 100

120 47.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.295 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032268.D

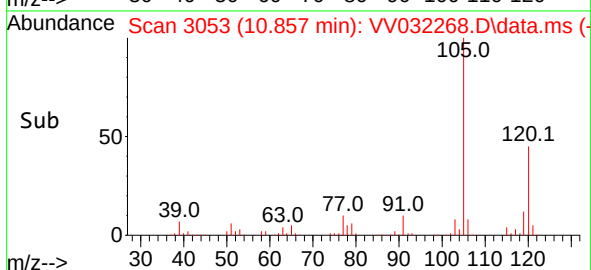
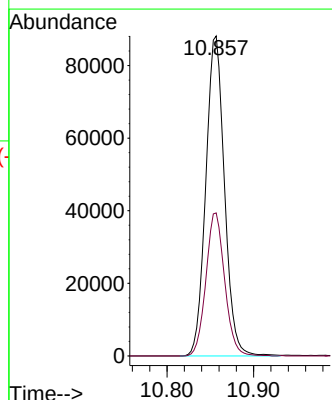
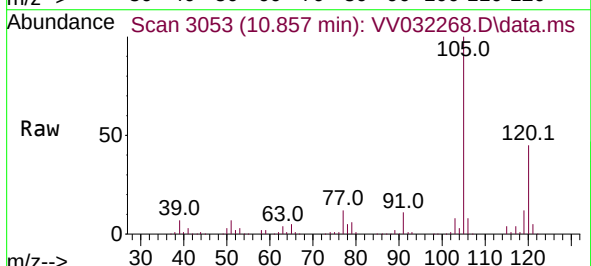
Acq: 05 Oct 2023 20:14

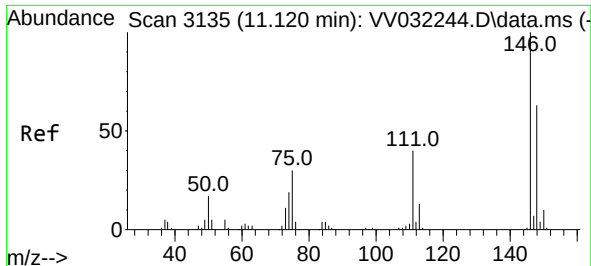
Tgt Ion:105 Resp: 131927

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.4

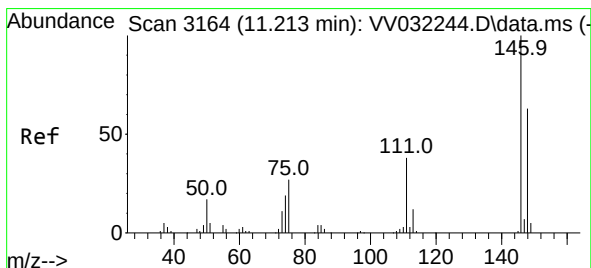
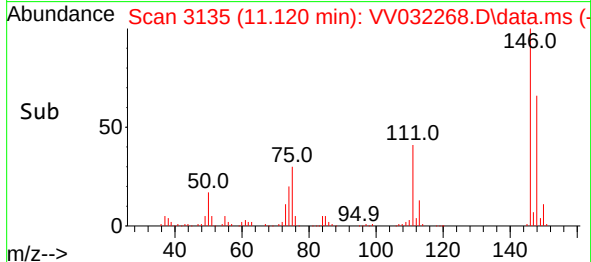
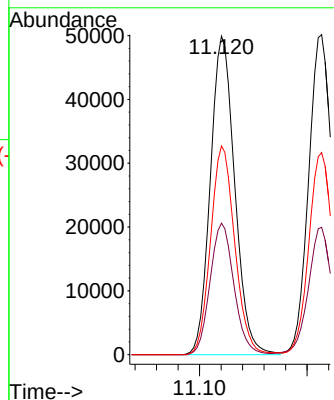
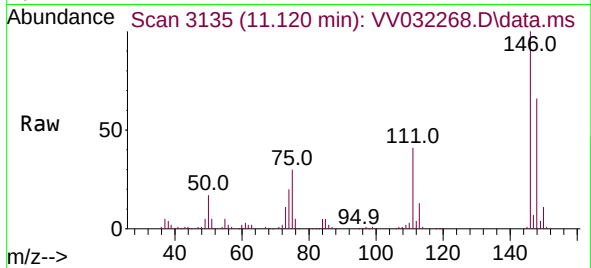




#64
1,3-Dichlorobenzene
Concen: 4.344 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

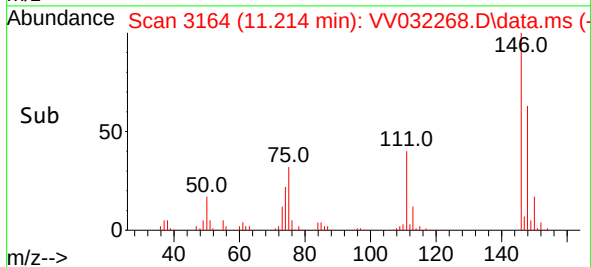
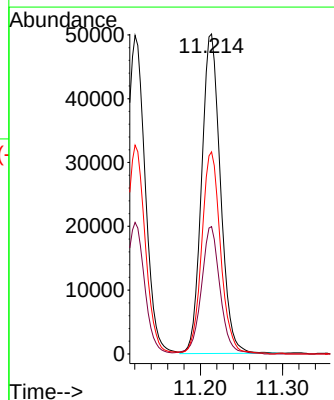
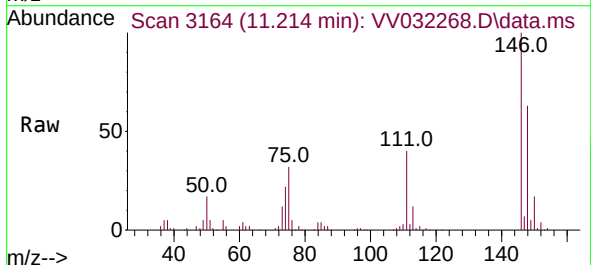
Instrument :
MSVOA_V
ClientSampleId :

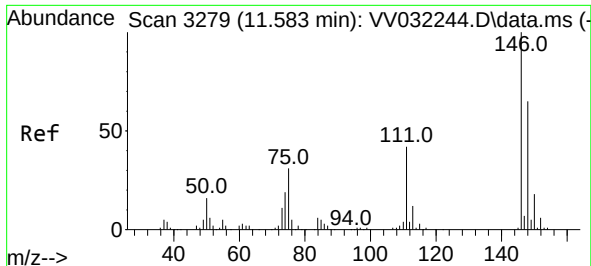
Tgt Ion:146 Resp: 78564
Ion Ratio Lower Upper
146 100
111 41.3 27.8 51.6
148 65.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.398 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

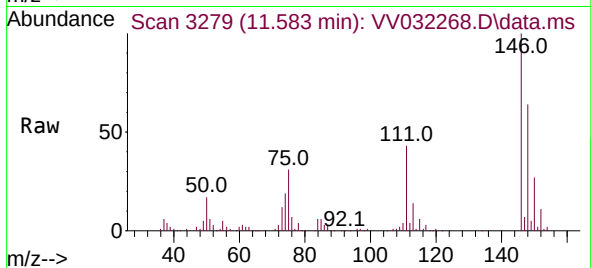
Tgt Ion:146 Resp: 79796
Ion Ratio Lower Upper
146 100
111 39.8 26.9 49.9
148 63.1 44.8 83.2



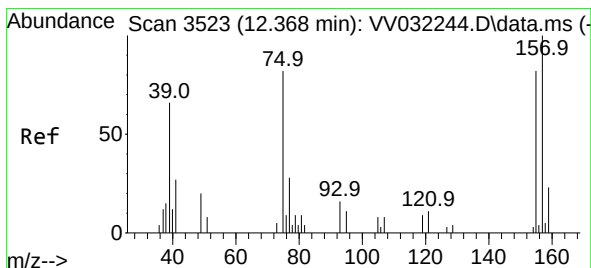
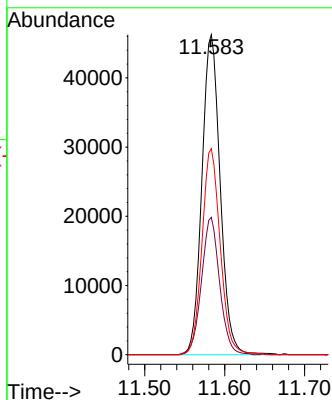
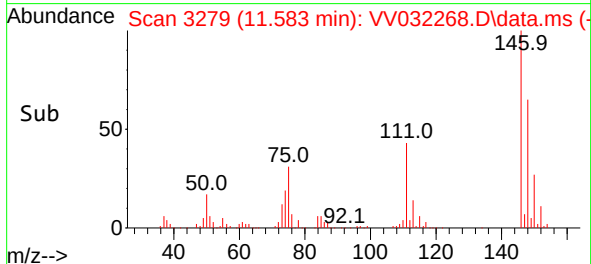


#67
1,2-Dichlorobenzene
Concen: 4.466 ug/L
RT: 11.583 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Instrument :
MSVOA_V
ClientSampleId :

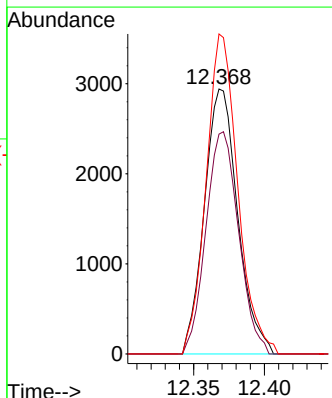
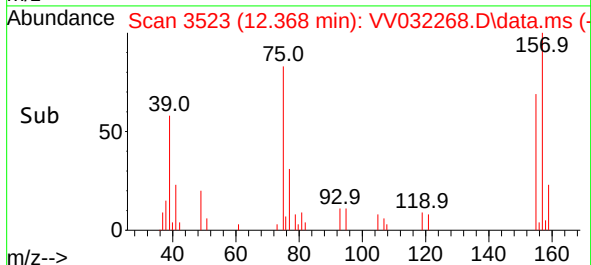
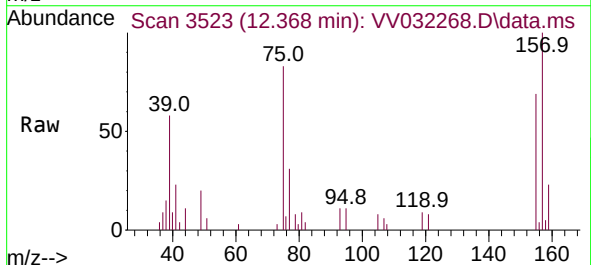


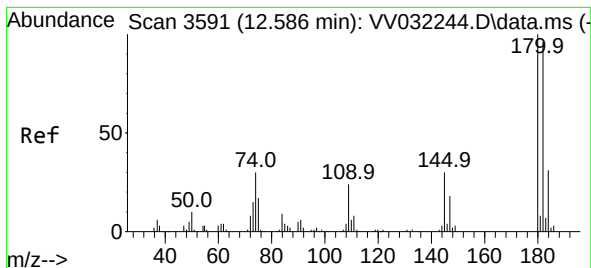
Tgt Ion:146 Resp: 73662
Ion Ratio Lower Upper
146 100
111 42.9 32.8 49.2
148 64.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.546 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion: 75 Resp: 4815
Ion Ratio Lower Upper
75 100
155 82.9 70.2 105.4
157 120.8 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.009 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

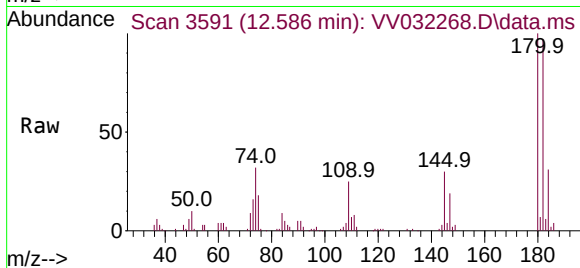
Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 53084

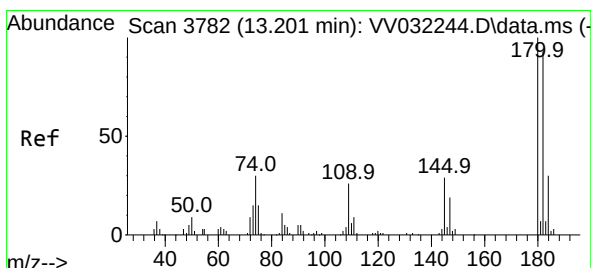
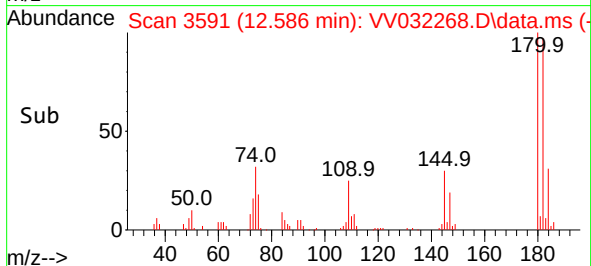
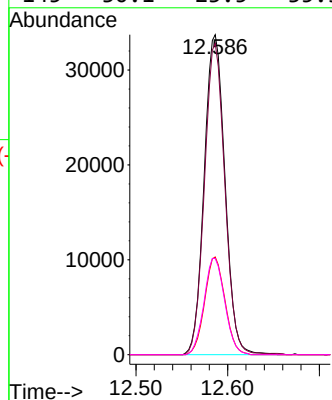
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

184 29.9 24.1 36.1

145 30.1 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 3.919 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032268.D

Acq: 05 Oct 2023 20:14

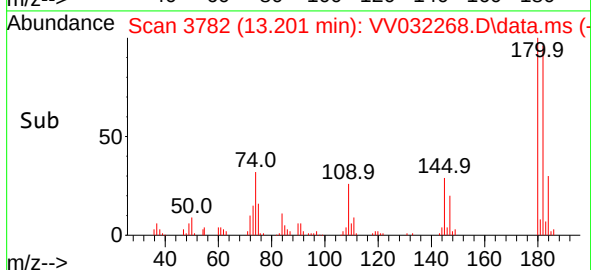
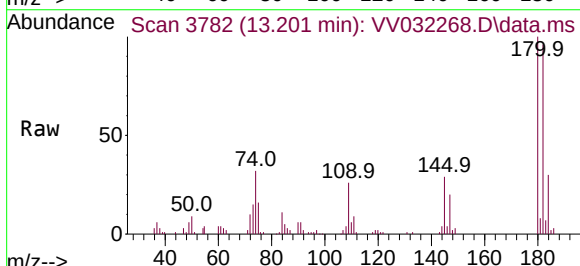
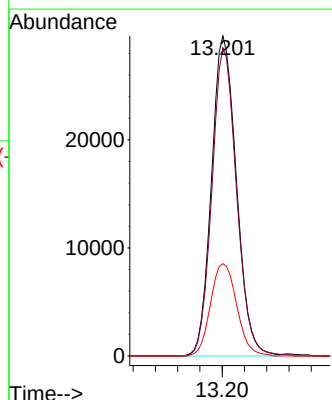
Tgt Ion:180 Resp: 46036

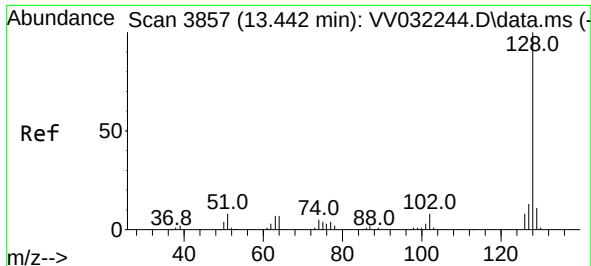
Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

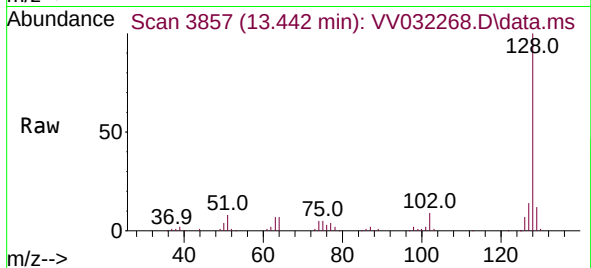
145 30.3 24.3 36.5



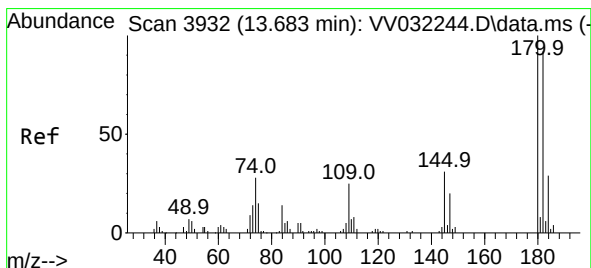
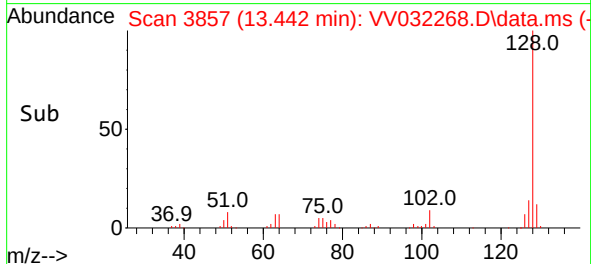
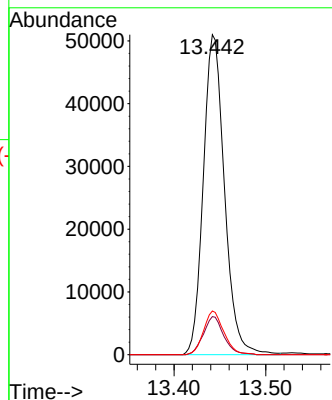


#71
Naphthalene
Concen: 4.100 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 81807
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.163 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032268.D
Acq: 05 Oct 2023 20:14

Tgt Ion:180 Resp: 42140
Ion Ratio Lower Upper
180 100
182 97.9 77.0 115.4
145 32.4 25.7 38.5

