

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033628.D
 Acq On : 15 Jan 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131908	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	117814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	59099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	31616	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.536	69	28670	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.060	65	14411	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.818	46	75592	42.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	4.249	84	73508	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.944	65	31179	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.960	84	133295	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.989	67	41796	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.243	98	120918	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.555	79	14144	4.317	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.027	63	55787	43.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24591	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	40299	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61683	5.132	ug/L	99
3) Chloromethane	1.217	50	69844	4.847	ug/L	99
5) Vinyl chloride	1.285	62	68627	5.001	ug/L	92
6) Bromomethane	1.490	94	27383	3.990	ug/L	99
8) Chloroethane	1.552	64	44498	5.340	ug/L	95
9) Trichlorofluoromethane	1.716	101	89769	5.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	49600	5.294	ug/L	98
12) 1,1-Dichloroethene	2.072	96	48040	5.167	ug/L	97
13) Acetone	2.146	43	53780	37.564	ug/L	89
14) Carbon disulfide	2.243	76	170868	4.967	ug/L	100
15) Methyl Acetate	2.391	43	15553	4.545	ug/L	99
16) Methylene chloride	2.449	84	49001	4.465	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	99281	4.716	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	52312	4.980	ug/L	97
19) 1,1-Dichloroethane	3.111	63	103862	4.977	ug/L	99
21) 2-Butanone	3.899	43	85424	42.985	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	54403	4.947	ug/L	95
23) Bromochloromethane	4.150	128	20306	5.063	ug/L	98
25) Chloroform	4.275	83	96531	5.037	ug/L	98

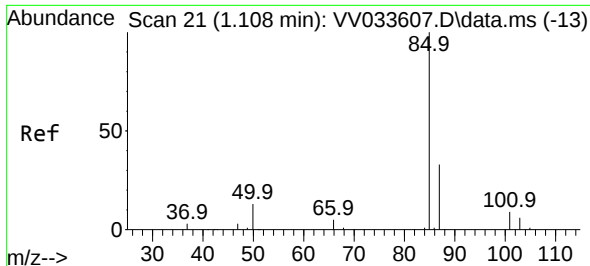
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 Data File : VV033628.D
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Quant Time: Jan 16 03:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

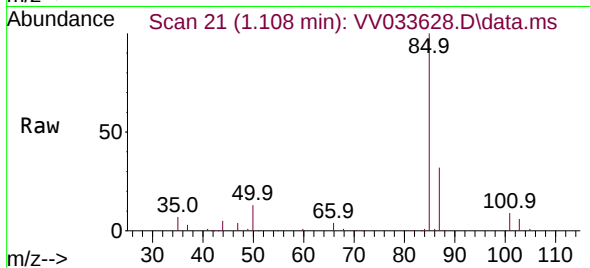
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	53367	4.888	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	88257	5.283	ug/L	99
30) Cyclohexane	4.580	56	102489	5.119	ug/L	98
31) Carbon tetrachloride	4.735	117	77401	5.435	ug/L	98
33) Benzene	5.008	78	216403	5.174	ug/L	100
34) Trichloroethene	5.831	95	56444	5.069	ug/L	98
35) Methylcyclohexane	6.047	83	99479	5.278	ug/L	98
37) 1,2-Dichloropropane	6.092	63	50448	4.856	ug/L	100
38) Bromodichloromethane	6.432	83	64102	5.063	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	73087	4.927	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	219789	46.028	ug/L	98
42) Toluene	7.313	91	229296	5.183	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	57352	4.797	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	28297	4.903	ug/L	97
47) Tetrachloroethene	7.902	164	43304	5.413	ug/L	97
48) 2-Hexanone	8.079	43	150558	43.039	ug/L	98
49) Dibromochloromethane	8.175	129	35646	4.961	ug/L	98
50) 1,2-Dibromoethane	8.281	107	26424	4.961	ug/L	97
51) Chlorobenzene	8.812	112	136644	5.042	ug/L	99
52) Ethylbenzene	8.944	91	263207	5.133	ug/L	99
53) m,p-Xylene	9.072	106	96756	5.121	ug/L	97
54) o-Xylene	9.477	106	93916	5.108	ug/L	99
55) Styrene	9.493	104	151197	5.160	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	31113	4.912	ug/L	97
59) Bromoform	9.667	173	17683	4.957	ug/L	99
60) Isopropylbenzene	9.866	105	246550	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	22309	4.709	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	215827	5.342	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	218340	5.353	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	107681	5.207	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	100897	4.983	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	91110	5.070	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	4925	4.730	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	83372	5.193	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	61740	4.616	ug/L	100
71) Naphthalene	13.442	128	71595	3.207	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	46293	4.316	ug/L	100

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

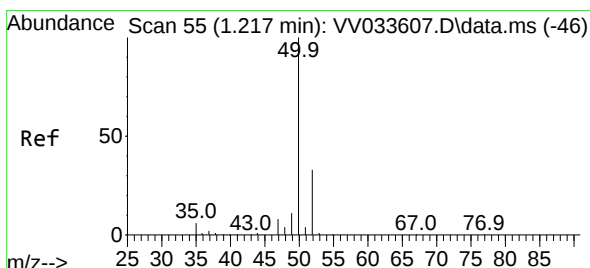
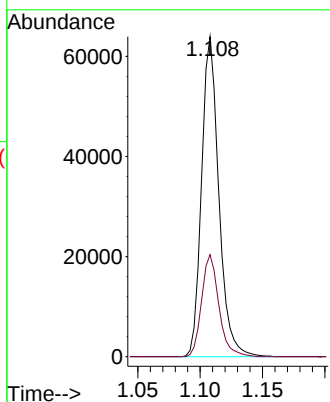
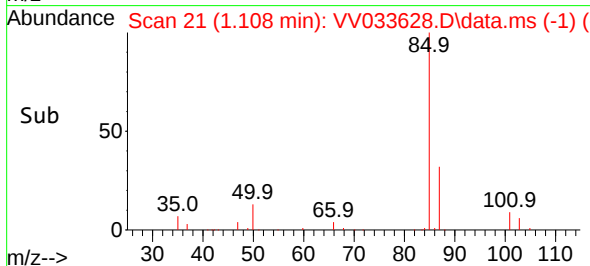


#2
Dichlorodifluoromethane
Concen: 5.132 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

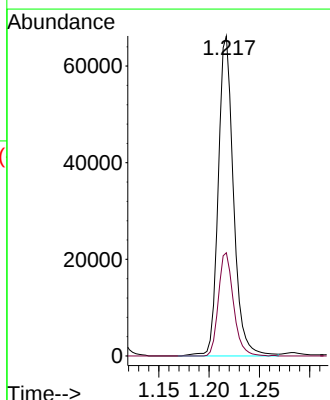
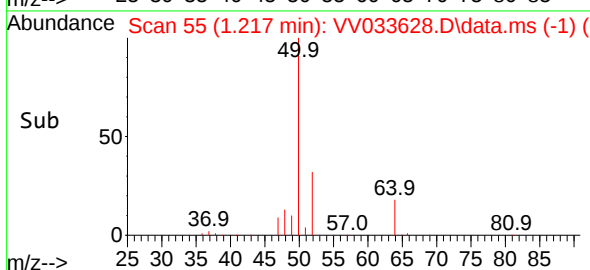
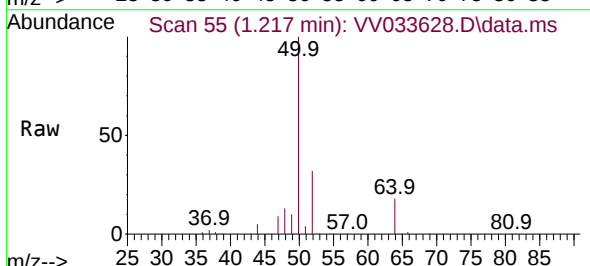


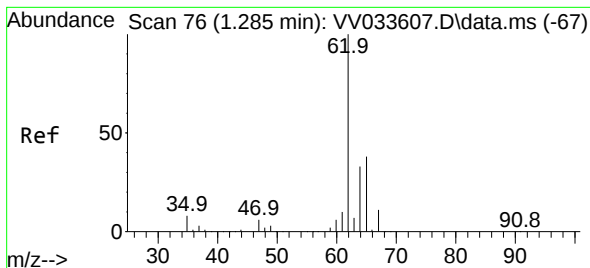
Tgt Ion: 85 Resp: 61683
Ion Ratio Lower Upper
85 100
87 31.8 25.2 37.8



#3
Chloromethane
Concen: 4.847 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 50 Resp: 69844
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9





#5

Vinyl chloride

Concen: 5.001 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

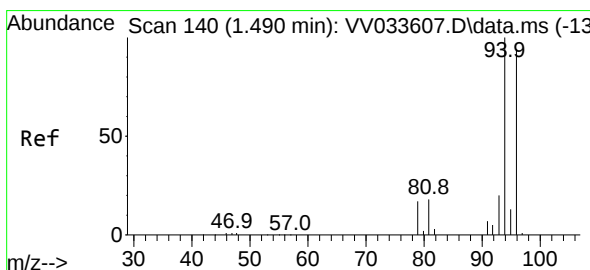
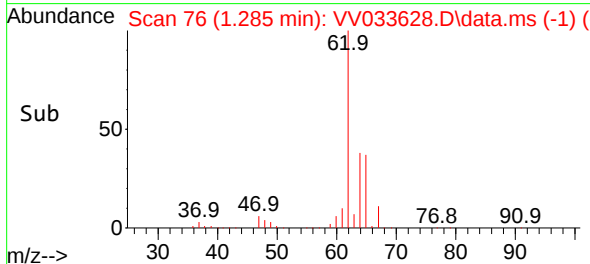
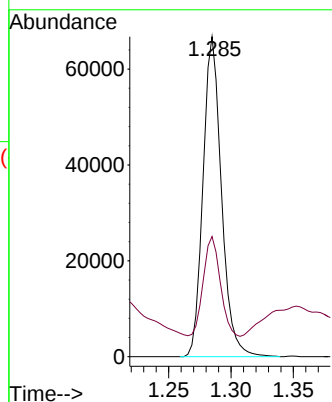
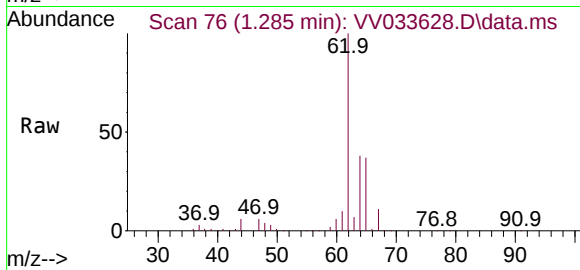
ClientSampleId :

Tgt Ion: 62 Resp: 68627

Ion Ratio Lower Upper

62 100

64 37.5 23.0 42.8



#6

Bromomethane

Concen: 3.990 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV033628.D

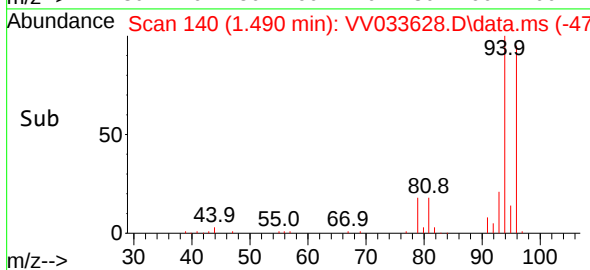
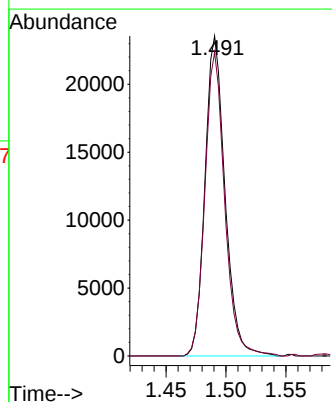
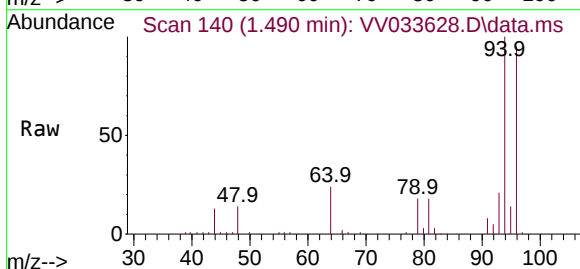
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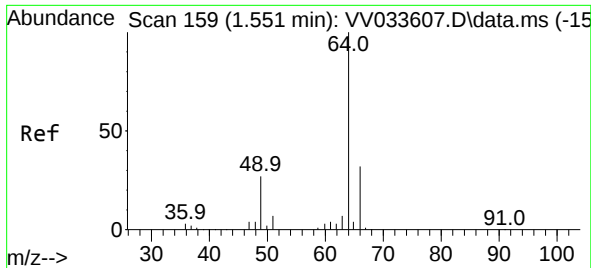
Tgt Ion: 94 Resp: 27383

Ion Ratio Lower Upper

94 100

96 94.9 65.5 121.6

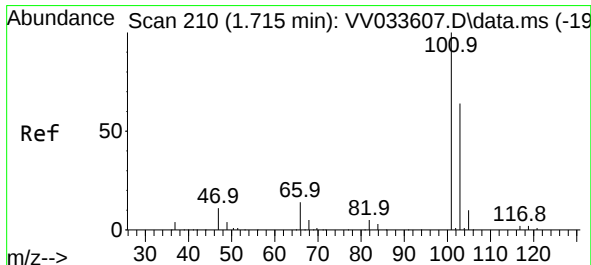
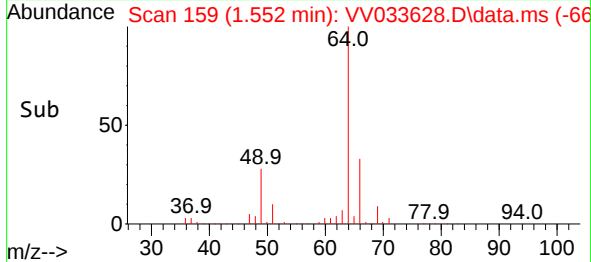
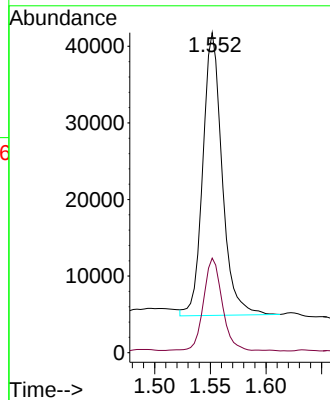
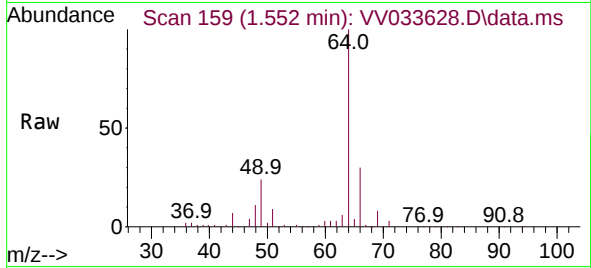




#8
Chloroethane
Concen: 5.340 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

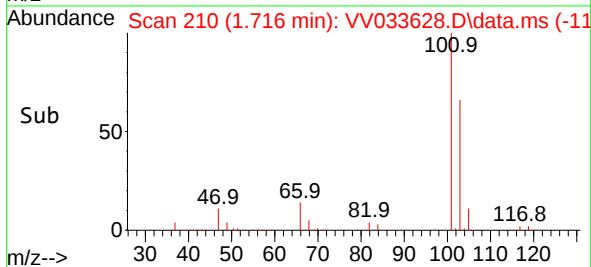
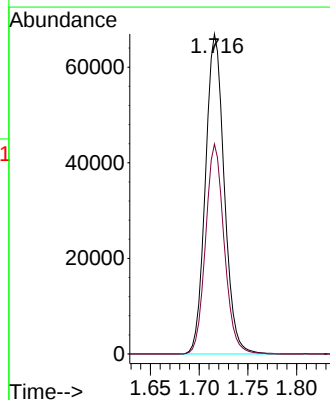
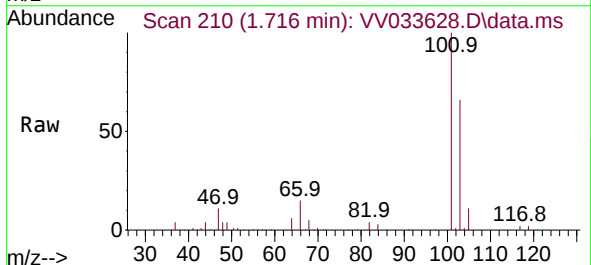
Instrument :
MSVOA_V
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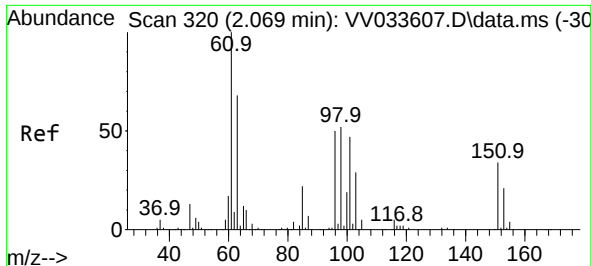
Tgt Ion: 64 Resp: 44498
Ion Ratio Lower Upper
64 100
66 29.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.384 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion:101 Resp: 89769
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

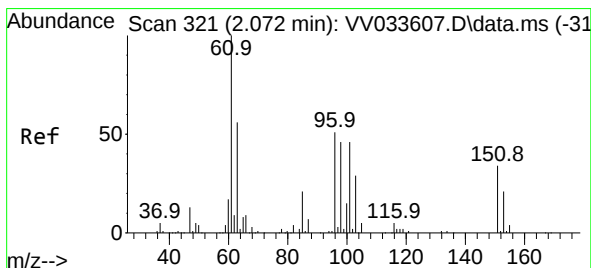
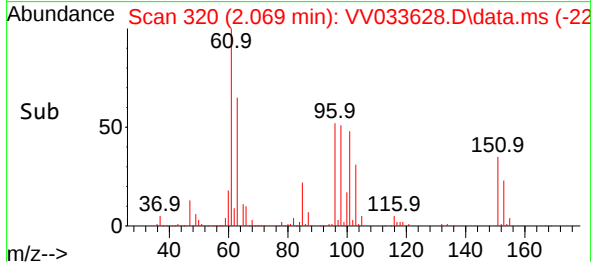
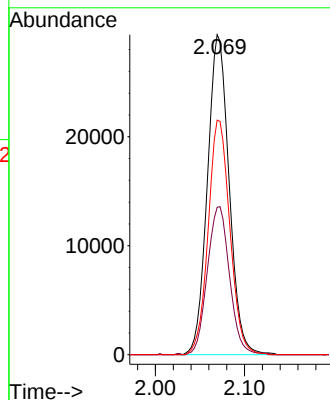
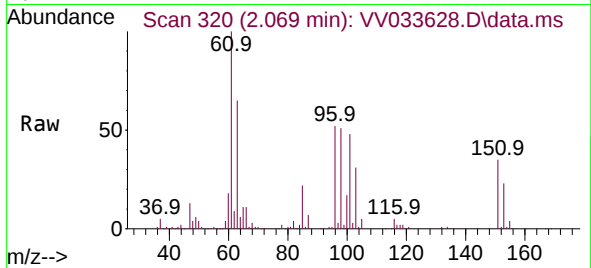




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.294 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033628.D
 Acq: 15 Jan 2024 09:05

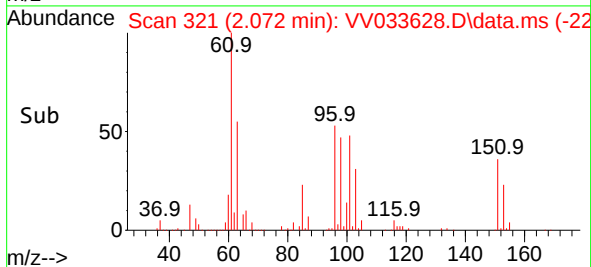
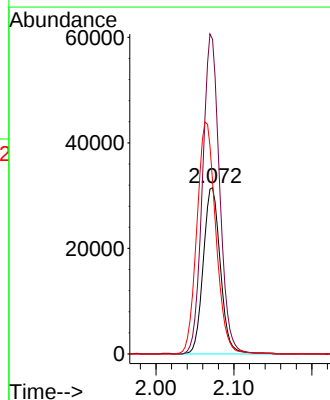
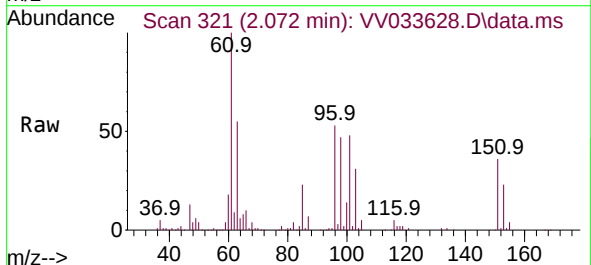
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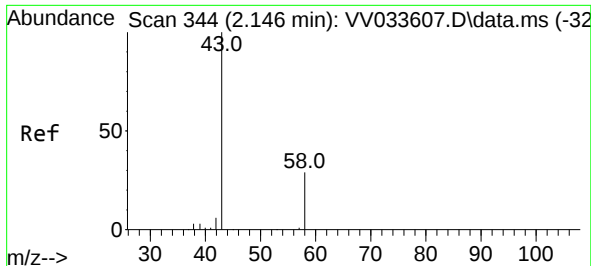
Tgt Ion:101 Resp: 49600
 Ion Ratio Lower Upper
 101 100
 85 47.4 36.4 54.6
 151 73.3 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 5.167 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033628.D
 Acq: 15 Jan 2024 09:05

Tgt Ion: 96 Resp: 48040
 Ion Ratio Lower Upper
 96 100
 61 189.4 133.8 248.4
 63 104.4 77.2 143.4





#13

Acetone

Concen: 37.564 ug/L

RT: 2.146 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

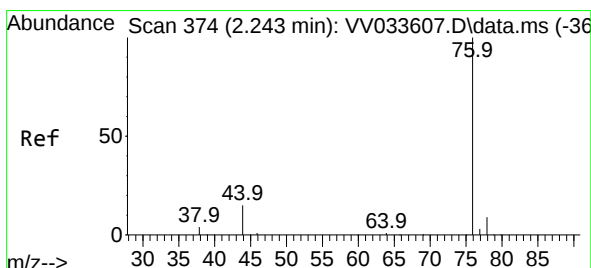
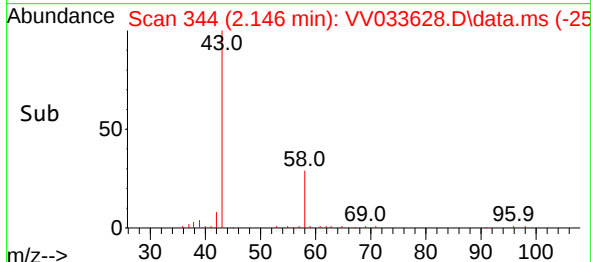
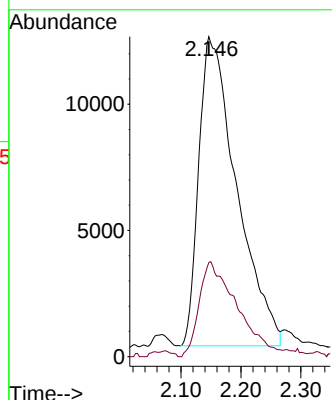
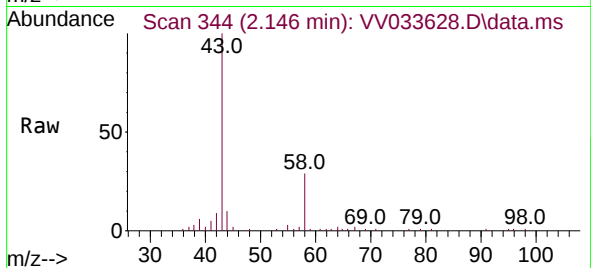
ClientSampleId :

Tgt Ion: 43 Resp: 53780

Ion Ratio Lower Upper

43 100

58 30.8 0.0 51.0



#14

Carbon disulfide

Concen: 4.967 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033628.D

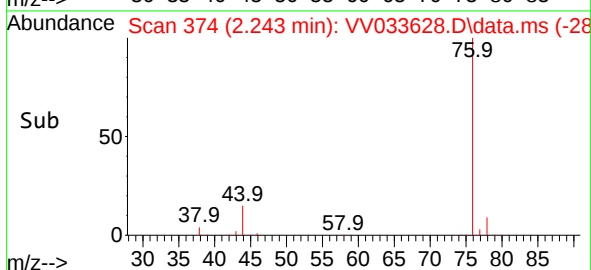
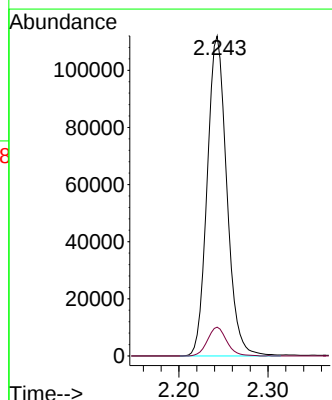
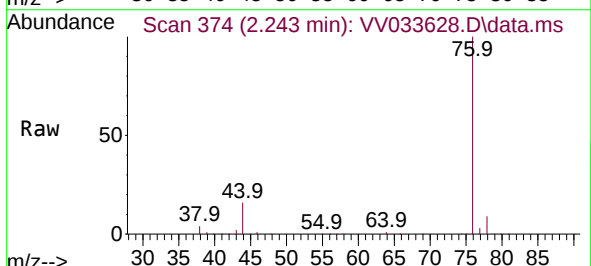
Acq: 15 Jan 2024 09:05

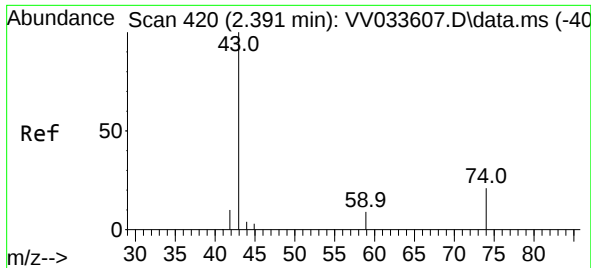
Tgt Ion: 76 Resp: 170868

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

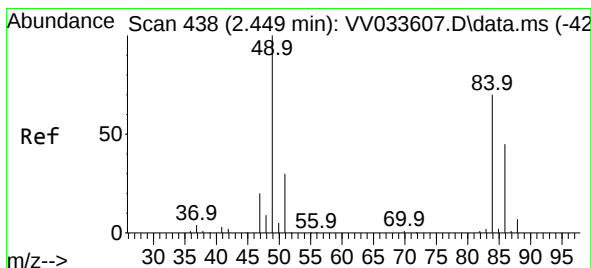
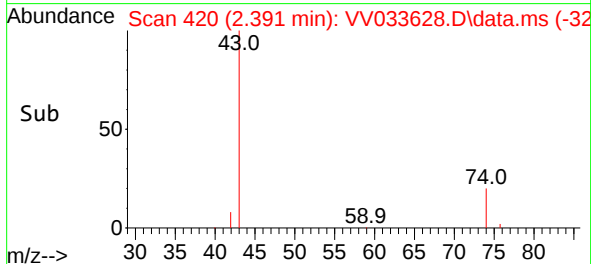
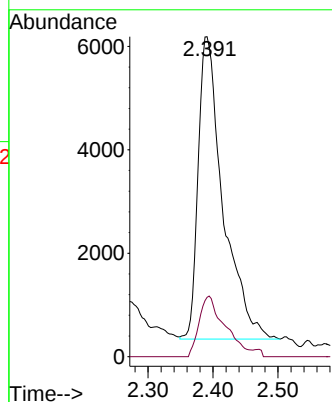
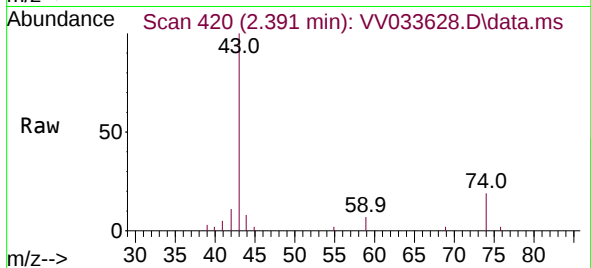




#15
Methyl Acetate
Concen: 4.545 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

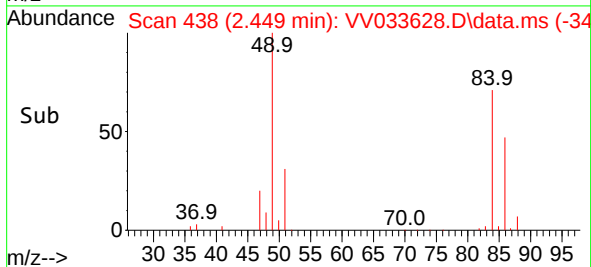
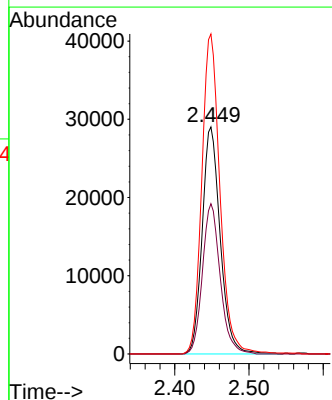
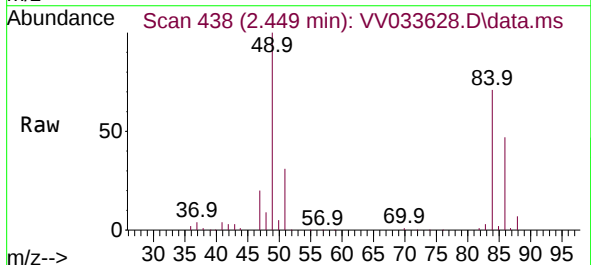
Instrument :
MSVOA_V
ClientSampleId :

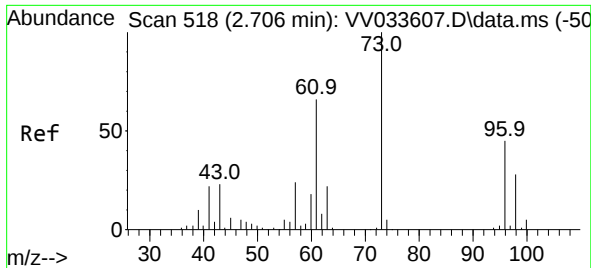
Tgt Ion: 43 Resp: 15553
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8



#16
Methylene chloride
Concen: 4.465 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 84 Resp: 49001
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 140.9 100.3 186.3

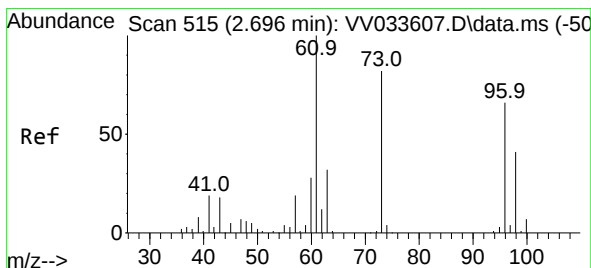
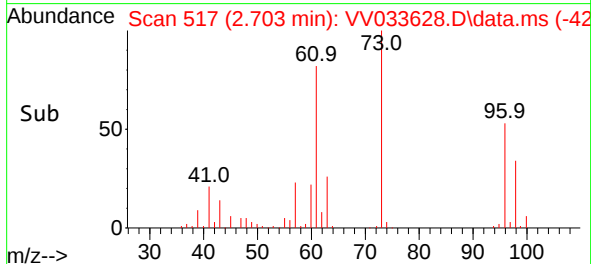
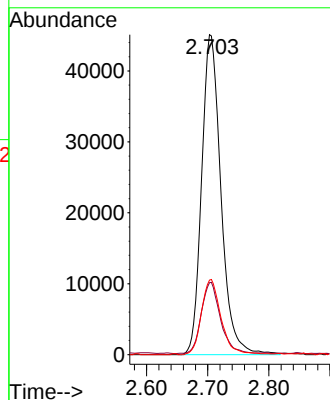
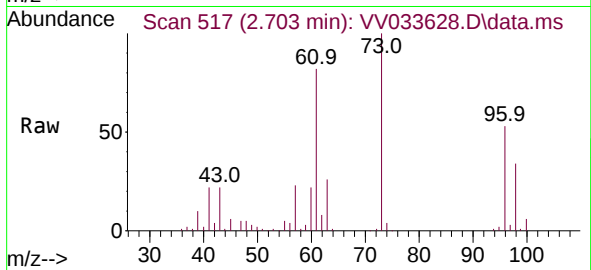




#17
Methyl tert-butyl Ether
Concen: 4.716 ug/L
RT: 2.703 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

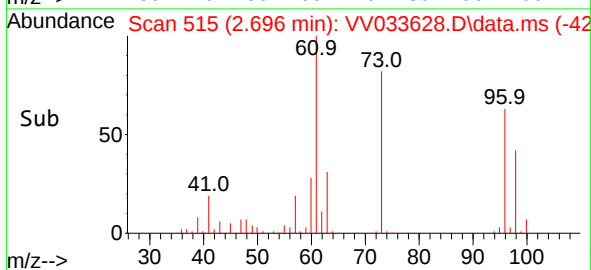
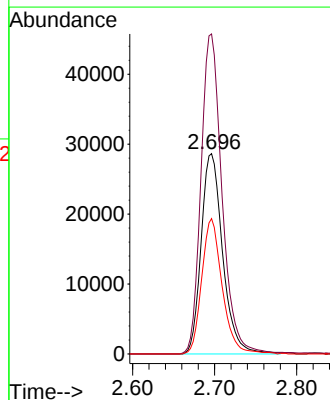
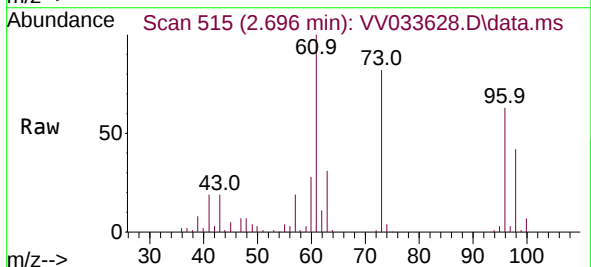
Instrument :
MSVOA_V
ClientSampleId :

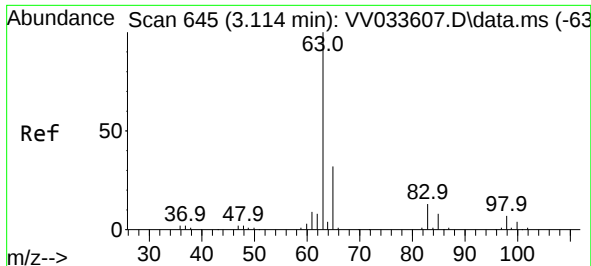
Tgt Ion: 73 Resp: 99281
Ion Ratio Lower Upper
73 100
43 21.9 17.7 26.5
57 23.8 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.980 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 96 Resp: 52312
Ion Ratio Lower Upper
96 100
61 159.7 110.4 205.0
98 67.6 44.1 81.9





#19

1,1-Dichloroethane

Concen: 4.977 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

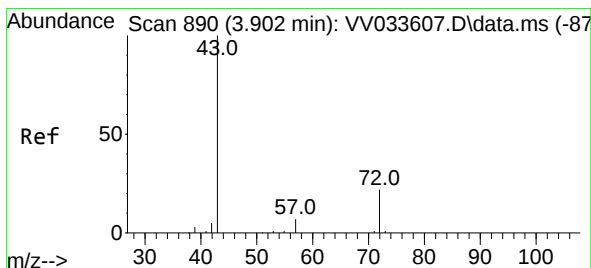
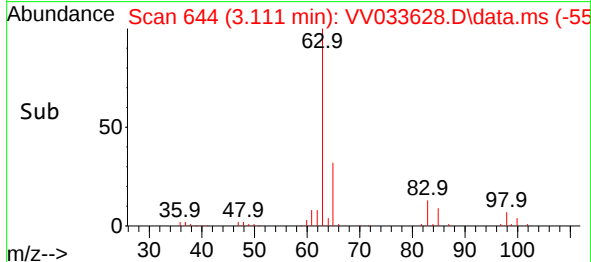
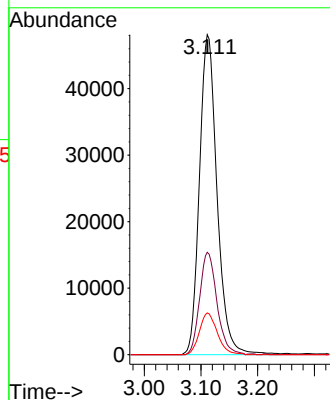
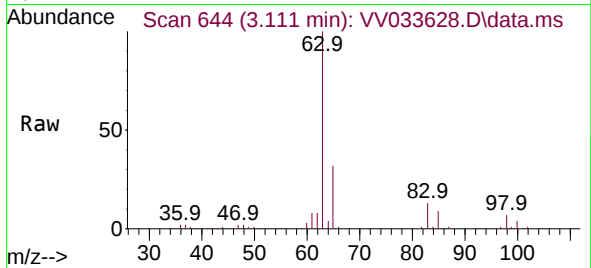
Tgt Ion: 63 Resp: 103862

Ion Ratio Lower Upper

63 100

65 32.0 21.6 40.2

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 42.985 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.003 min

Lab File: VV033628.D

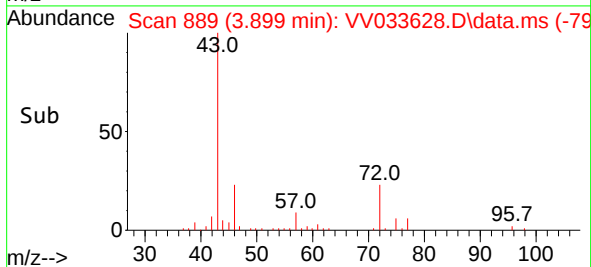
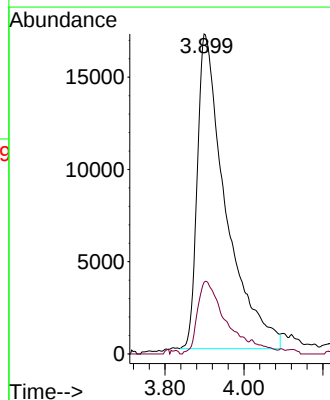
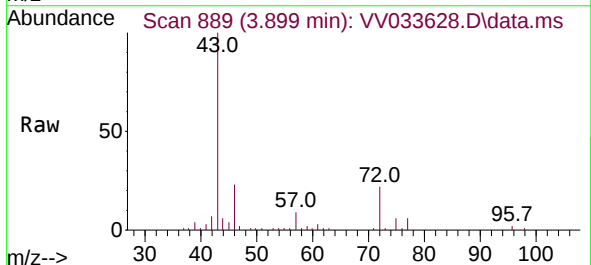
Acq: 15 Jan 2024 09:05

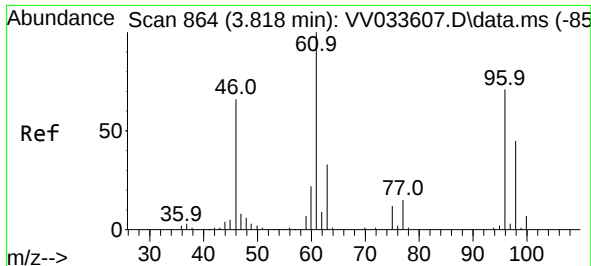
Tgt Ion: 43 Resp: 85424

Ion Ratio Lower Upper

43 100

72 21.9 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 4.947 ug/L

RT: 3.812 min Scan# 864

Delta R.T. -0.006 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

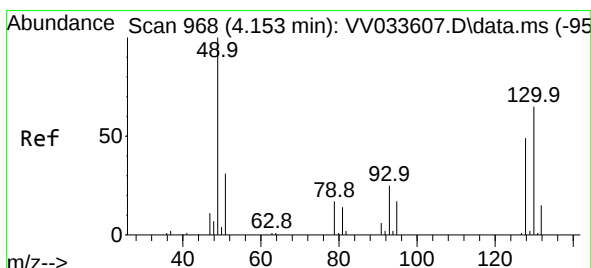
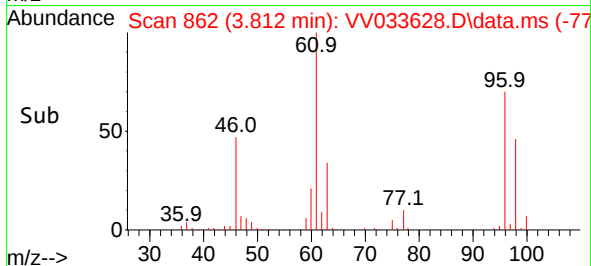
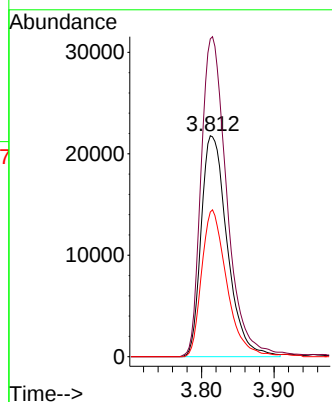
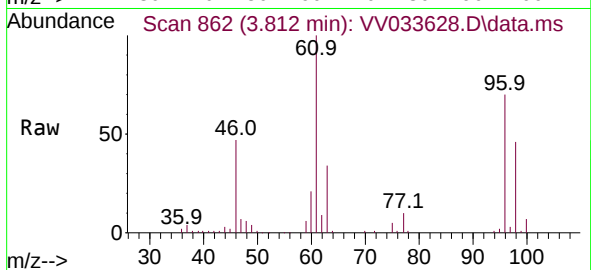
Tgt Ion: 96 Resp: 54403

Ion Ratio Lower Upper

96 100

61 143.8 97.1 180.3

98 65.5 42.6 79.0



#23

Bromochloromethane

Concen: 5.063 ug/L

RT: 4.150 min Scan# 967

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Tgt Ion: 128 Resp: 20306

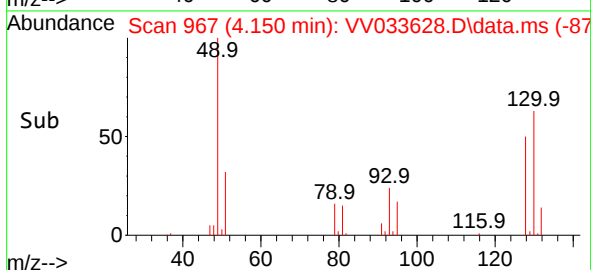
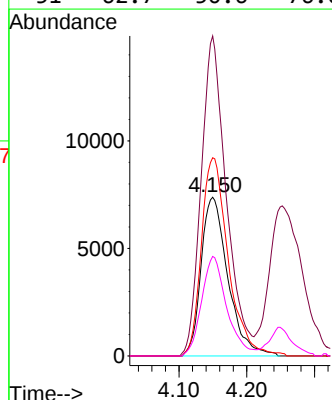
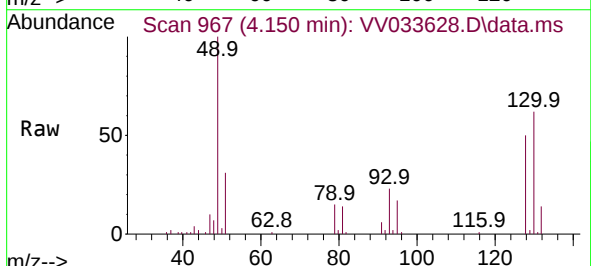
Ion Ratio Lower Upper

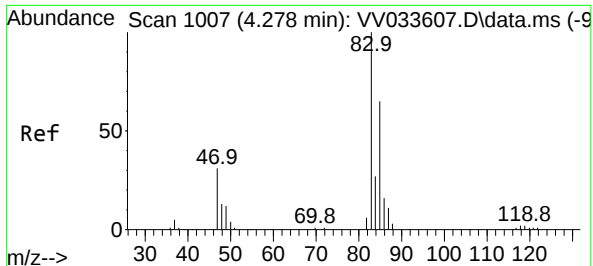
128 100

49 201.6 136.4 253.2

130 124.9 87.5 162.5

51 62.7 50.6 76.0





#25

Chloroform

Concen: 5.037 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

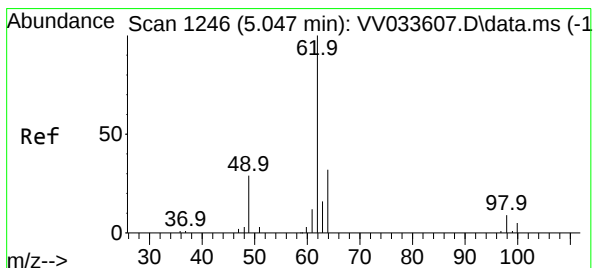
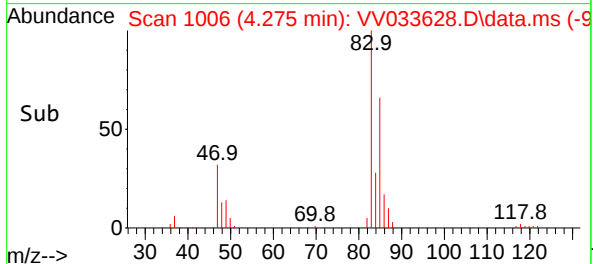
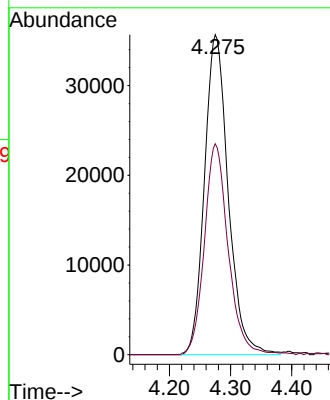
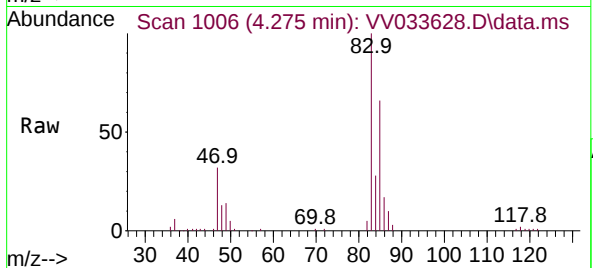
ClientSampleId :

Tgt Ion: 83 Resp: 96531

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 4.888 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV033628.D

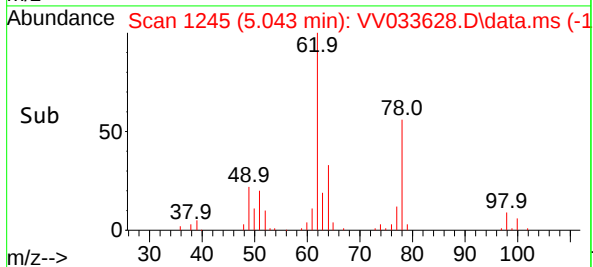
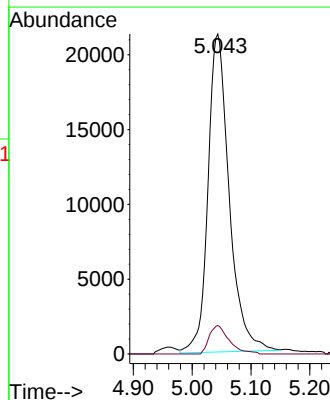
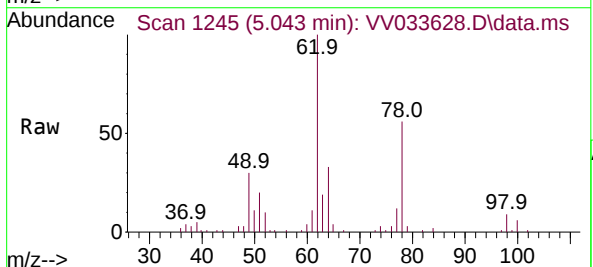
Acq: 15 Jan 2024 09:05

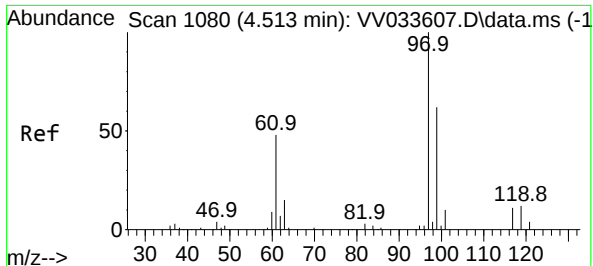
Tgt Ion: 62 Resp: 53367

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.283 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

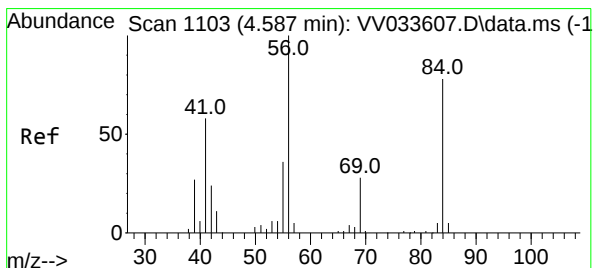
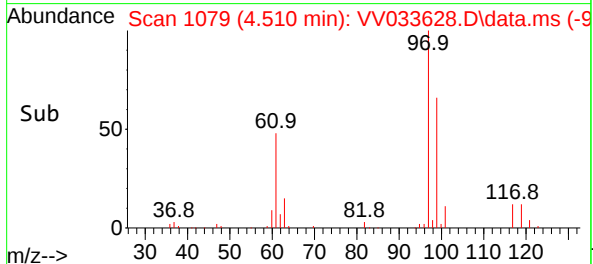
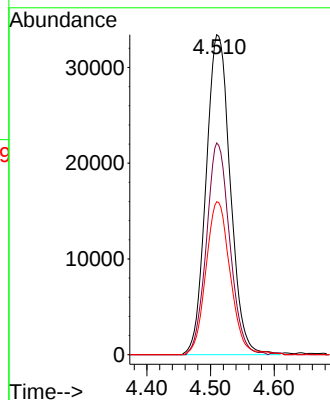
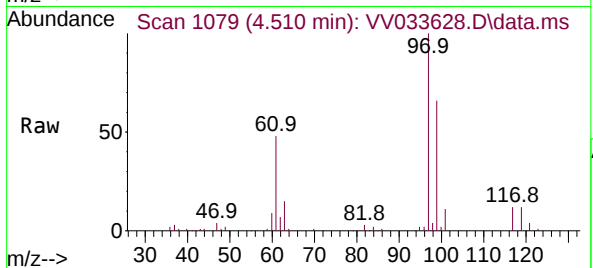
Tgt Ion: 97 Resp: 88257

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 48.2 38.1 57.1



#30

Cyclohexane

Concen: 5.119 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

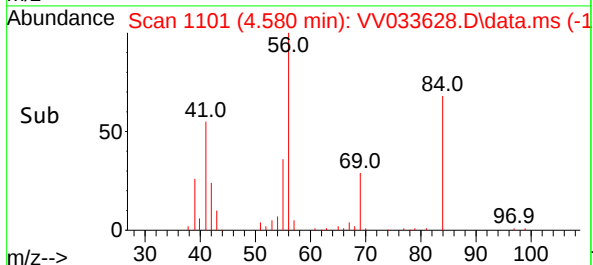
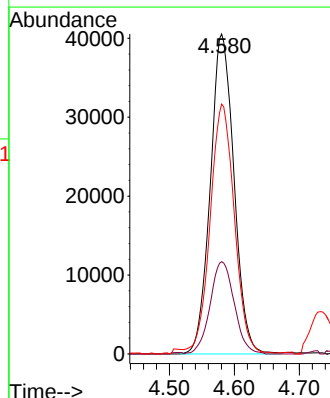
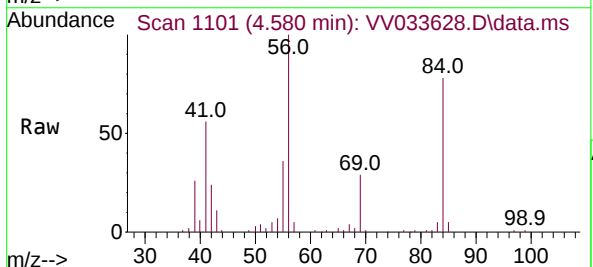
Tgt Ion: 56 Resp: 102489

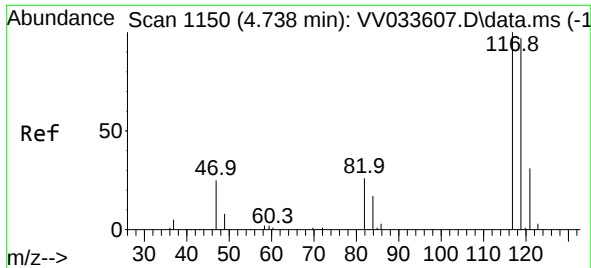
Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 79.0 61.7 92.5

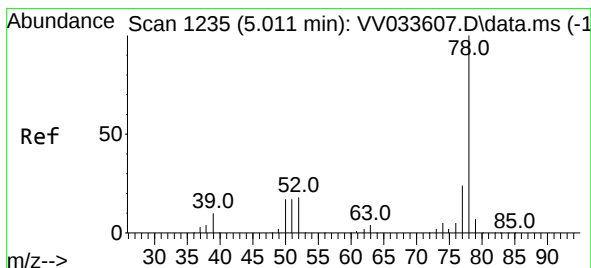
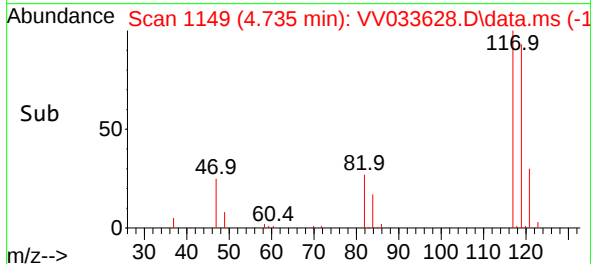
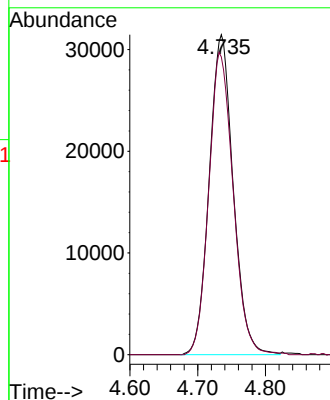
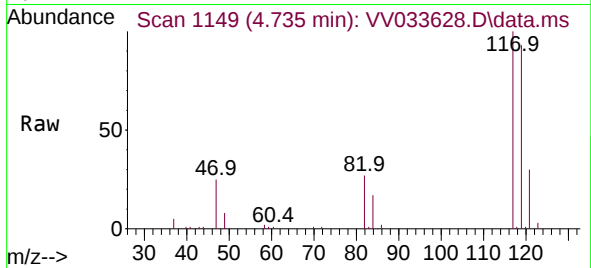




#31
Carbon tetrachloride
Concen: 5.435 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

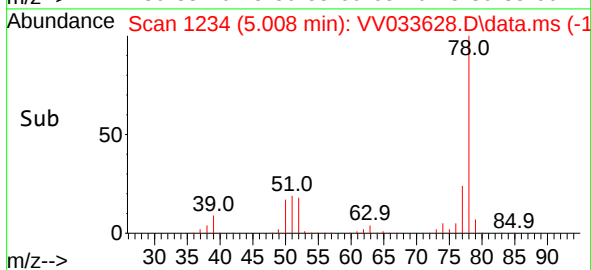
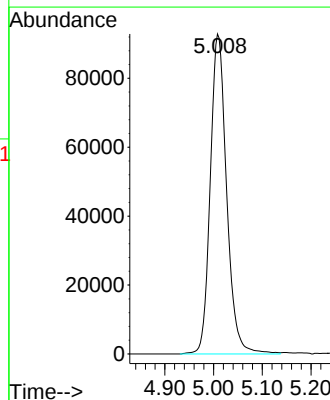
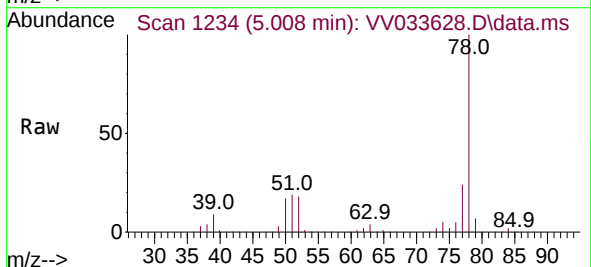
Instrument :
MSVOA_V
ClientSampleId :

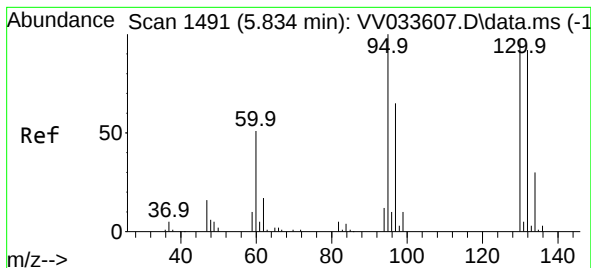
Tgt Ion:117 Resp: 77401
Ion Ratio Lower Upper
117 100
119 95.9 78.3 117.5



#33
Benzene
Concen: 5.174 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 78 Resp: 216403





#34

Trichloroethene

Concen: 5.069 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 56444

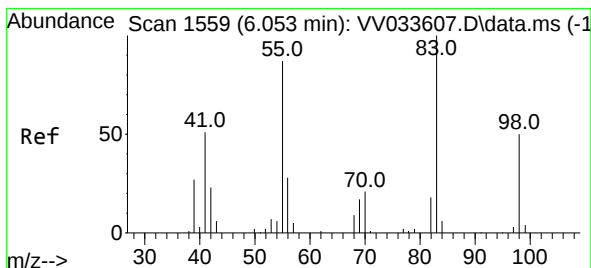
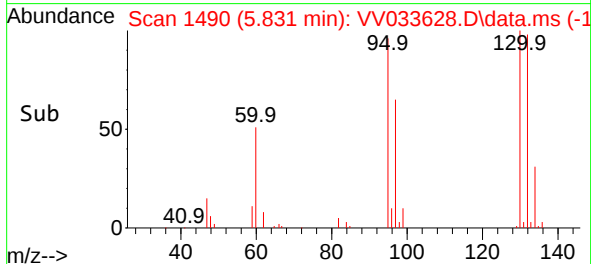
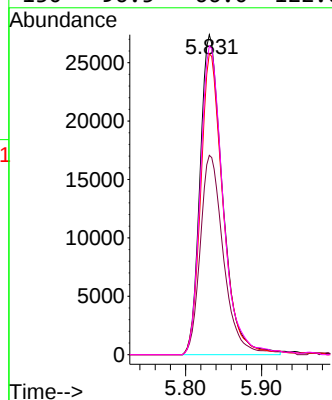
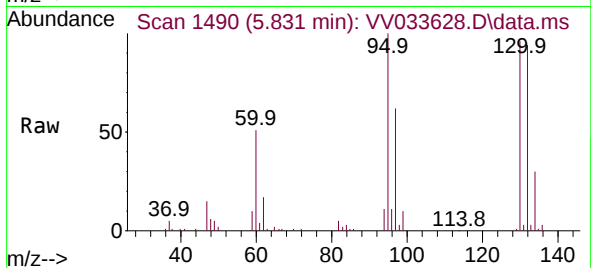
Ion Ratio Lower Upper

95 100

97 62.3 45.1 83.9

132 94.1 65.2 121.2

130 96.5 66.0 122.6



#35

Methylcyclohexane

Concen: 5.278 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.006 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

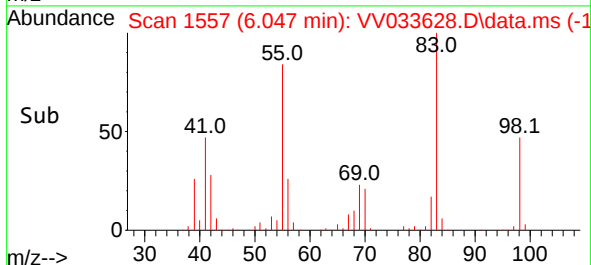
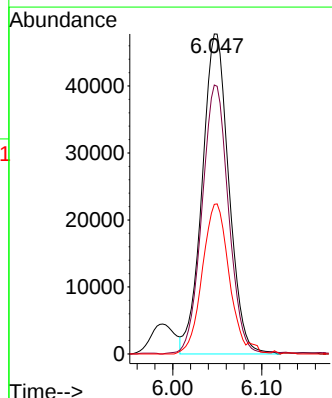
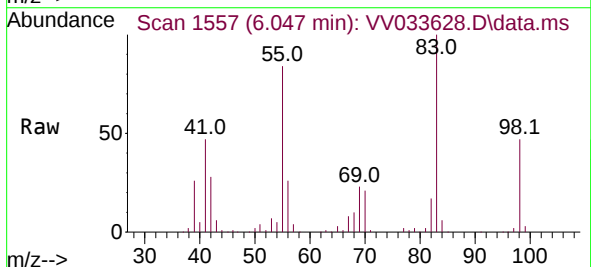
Tgt Ion: 83 Resp: 99479

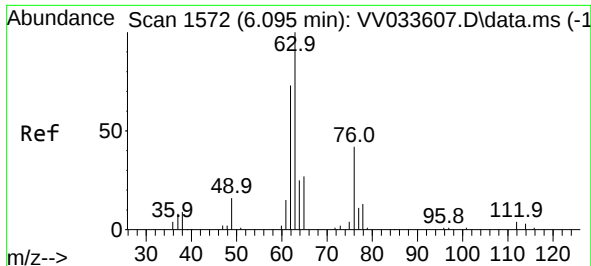
Ion Ratio Lower Upper

83 100

55 83.3 68.7 103.1

98 47.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.856 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

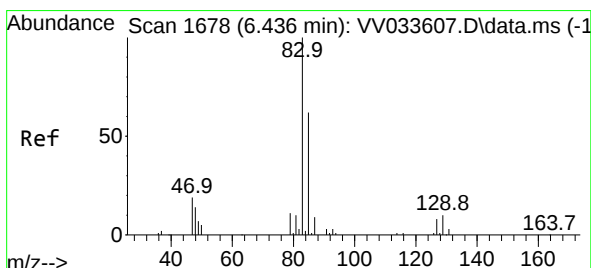
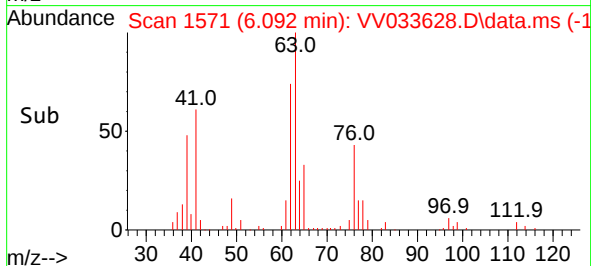
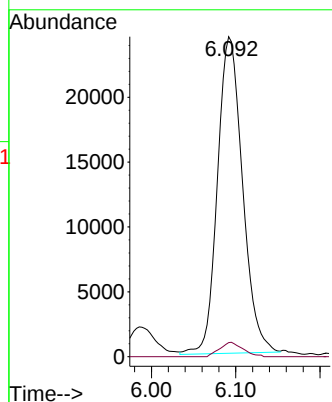
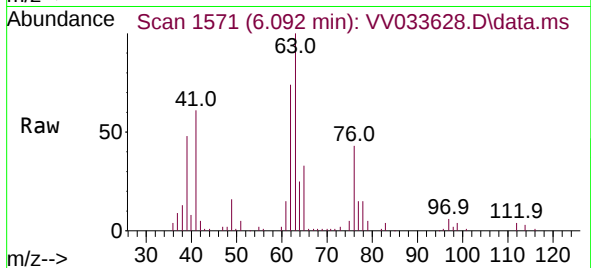
ClientSampleId :

Tgt Ion: 63 Resp: 50448

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.063 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

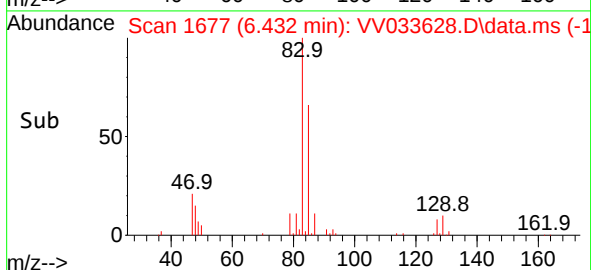
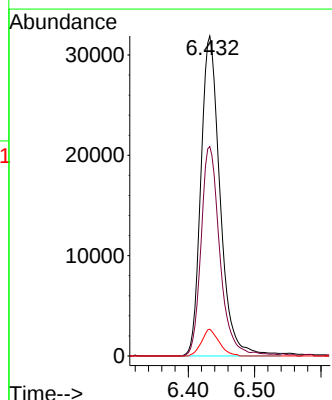
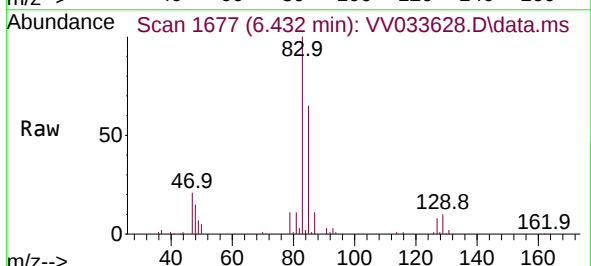
Tgt Ion: 83 Resp: 64102

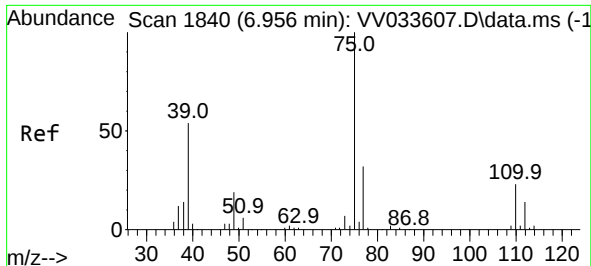
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.927 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

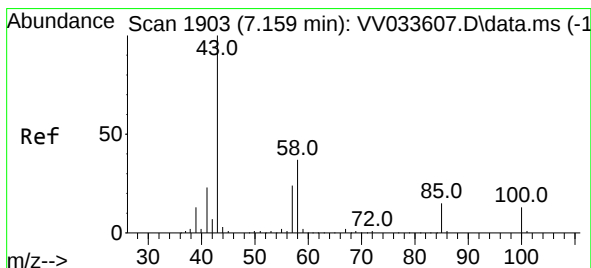
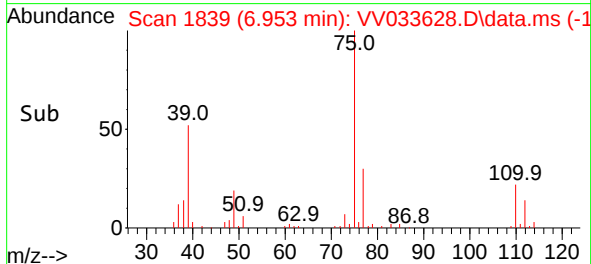
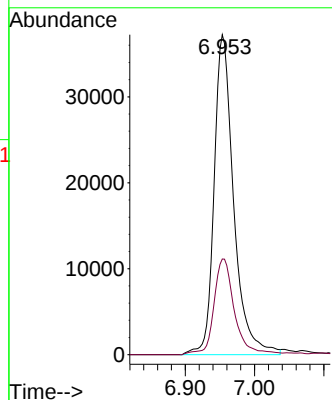
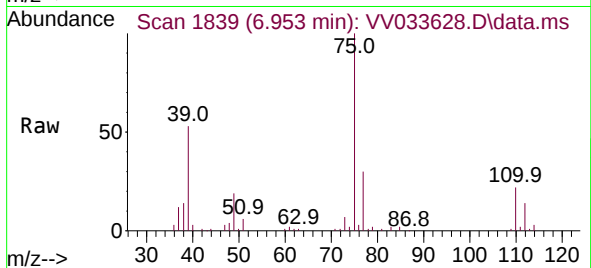
ClientSampleId :

Tgt Ion: 75 Resp: 73087

Ion Ratio Lower Upper

75 100

77 29.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 46.028 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

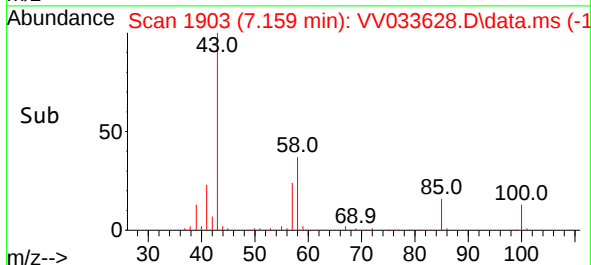
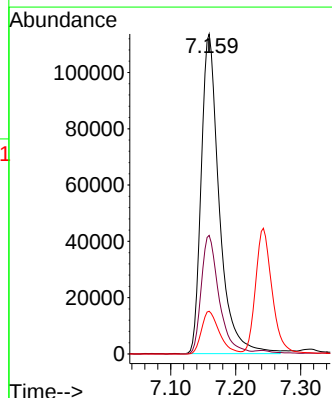
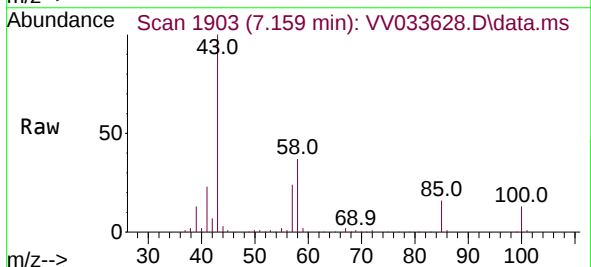
Tgt Ion: 43 Resp: 219789

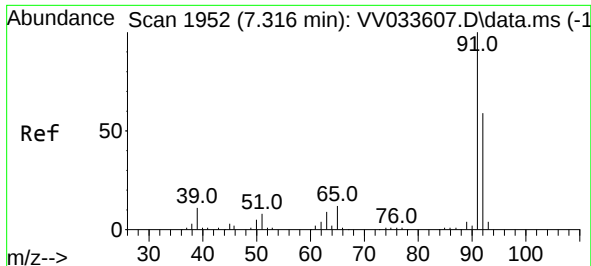
Ion Ratio Lower Upper

43 100

58 36.6 29.9 44.9

100 13.2 9.9 14.9





#42

Toluene

Concen: 5.183 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

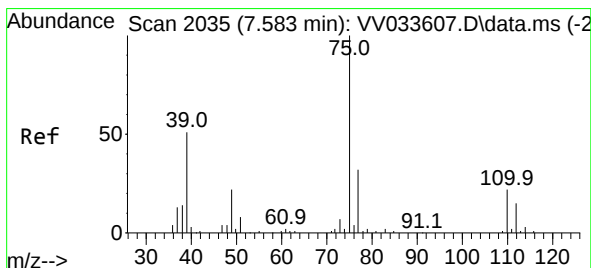
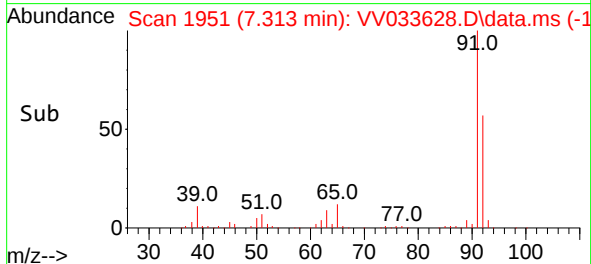
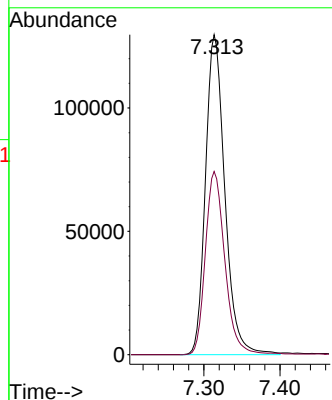
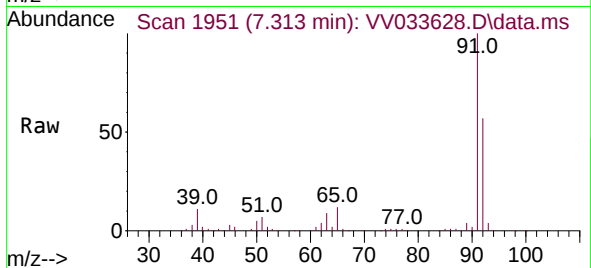
ClientSampleId :

Tgt Ion: 91 Resp: 229296

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.797 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV033628.D

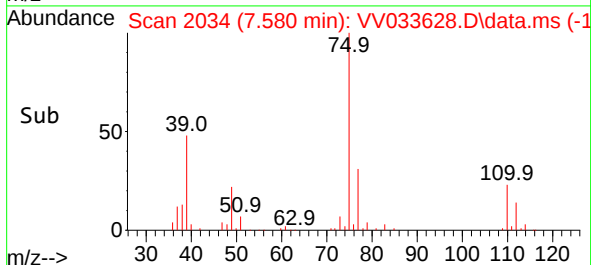
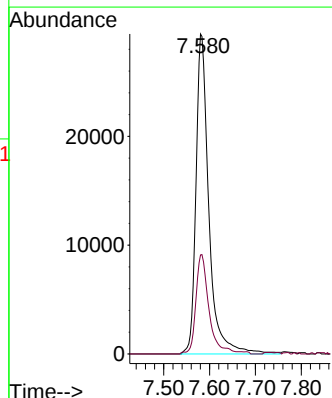
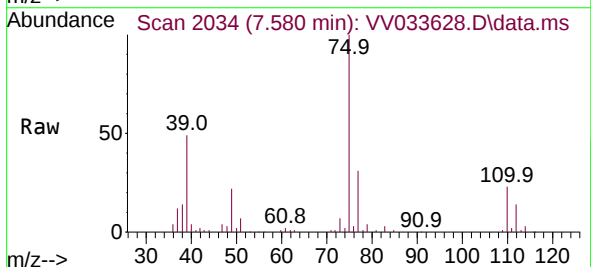
Acq: 15 Jan 2024 09:05

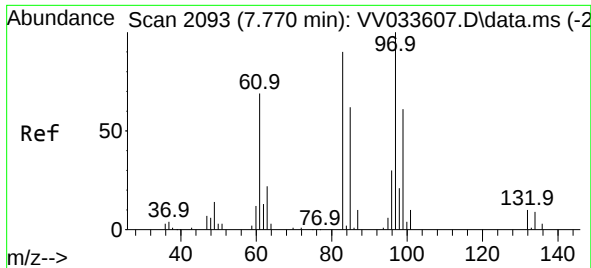
Tgt Ion: 75 Resp: 57352

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7

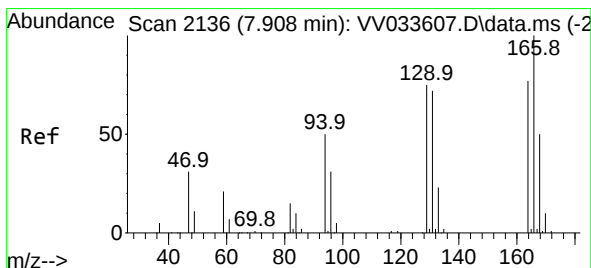
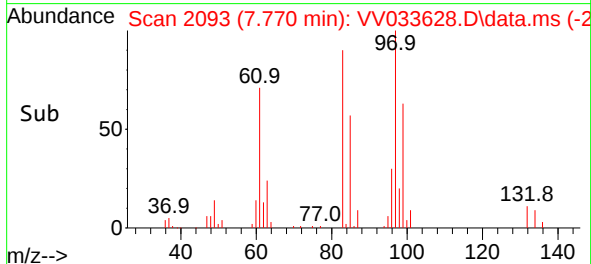
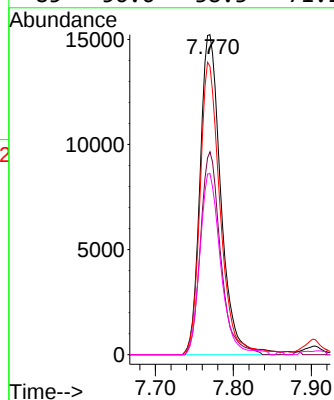
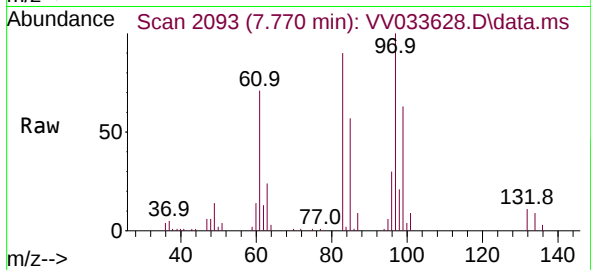




#45
1,1,2-Trichloroethane
Concen: 4.903 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

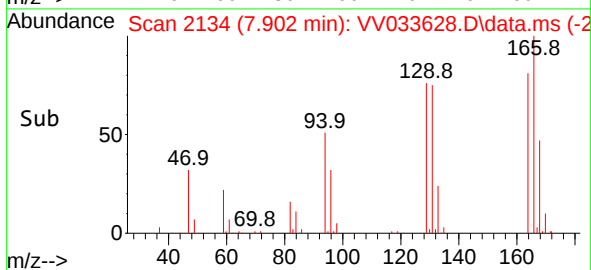
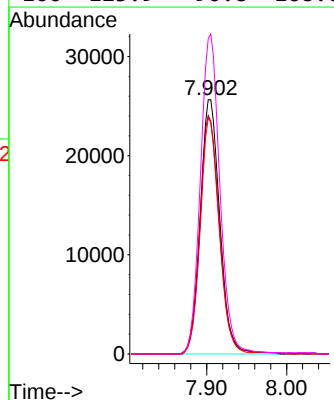
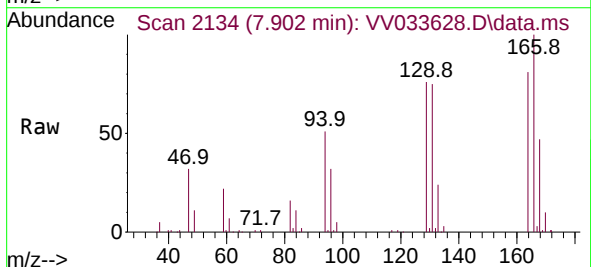
Instrument :
MSVOA_V
ClientSampleId :

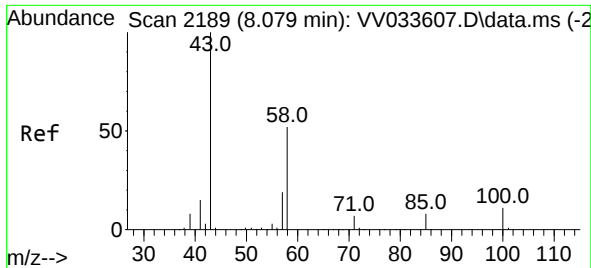
Tgt Ion: 97	Resp: 28297
Ion Ratio	Lower Upper
97 100	
99 63.4	44.9 83.3
83 90.1	60.5 112.3
85 56.6	38.3 71.1



#47
Tetrachloroethene
Concen: 5.413 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.006 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

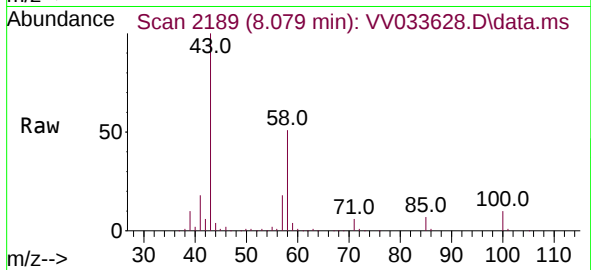
Tgt	Ion:164	Resp:	43304
Ion	Ratio	Lower	Upper
164	100		
129	93.8	67.1	124.7
131	92.9	65.0	120.6
166	123.9	90.8	168.6



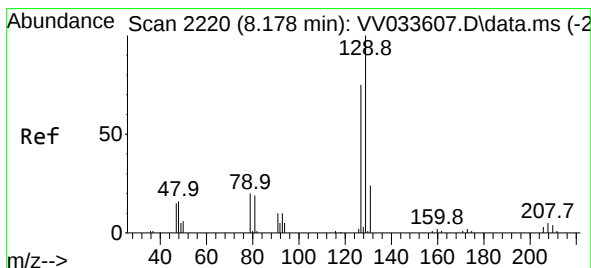
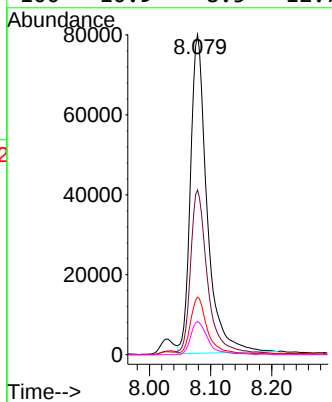
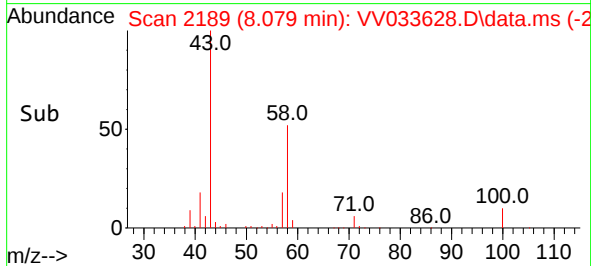


#48
2-Hexanone
Concen: 43.039 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

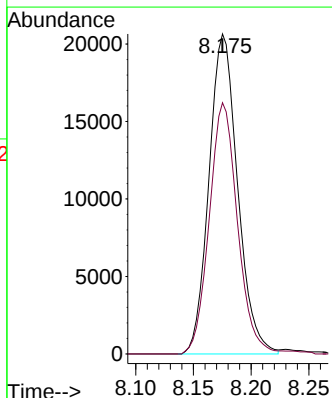
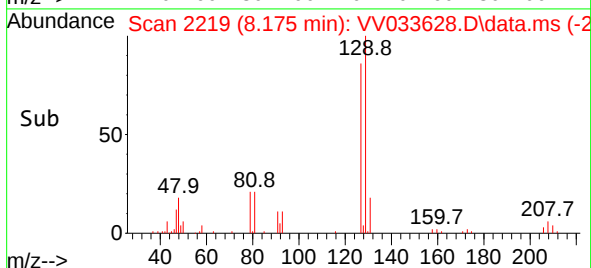
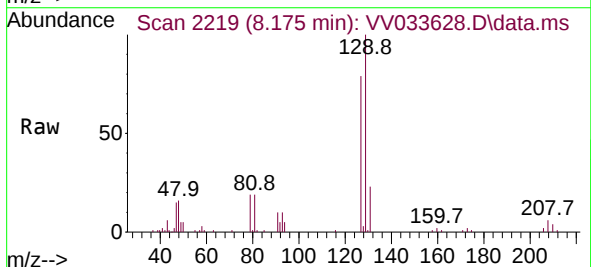


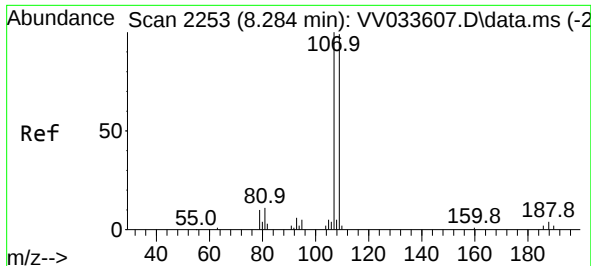
Tgt Ion: 43	Resp: 150558
Ion Ratio	Lower Upper
43 100	
58 52.6	40.6 61.0
57 18.0	13.8 20.8
100 10.9	8.5 12.7



#49
Dibromochloromethane
Concen: 4.961 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

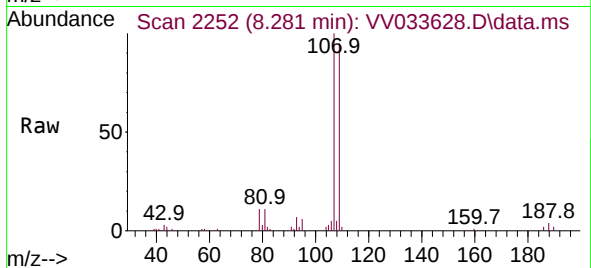
Tgt Ion:129	Resp: 35646		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	53.6	99.6	



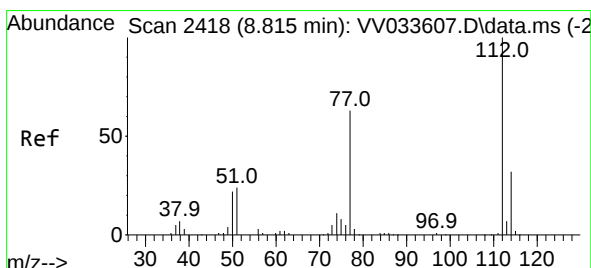
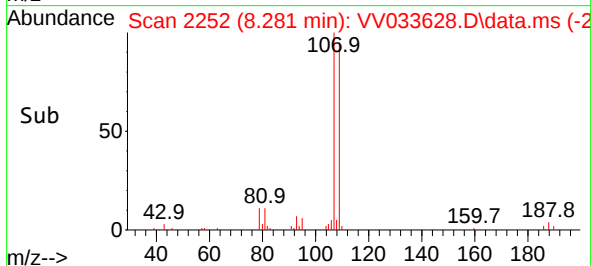
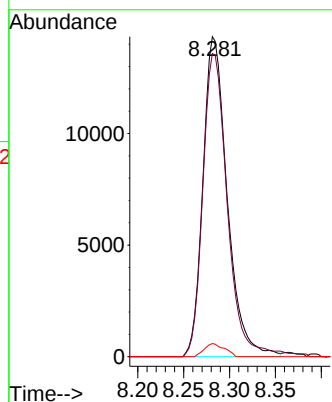


#50
1,2-Dibromoethane
Concen: 4.961 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

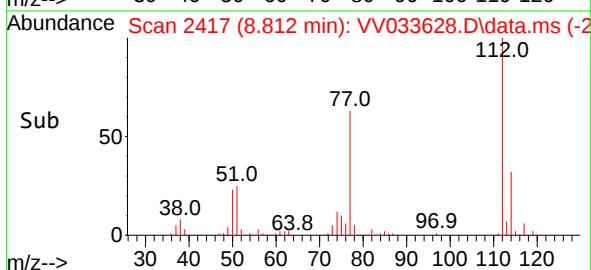
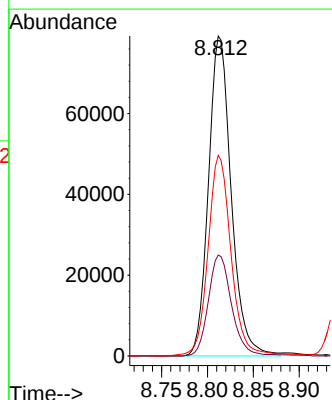
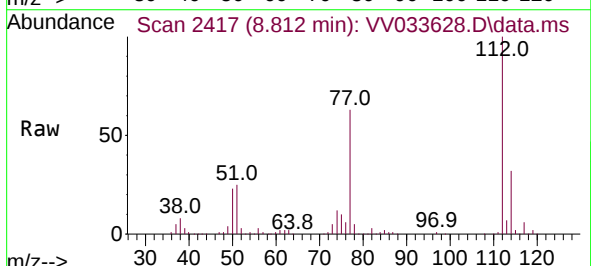


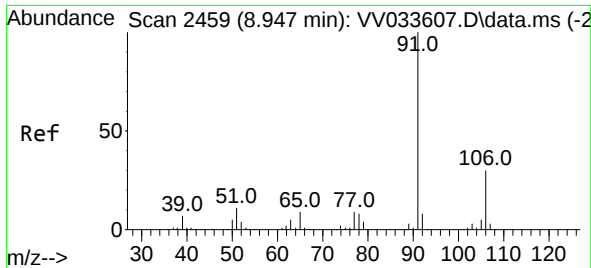
Tgt Ion:107 Resp: 26424
Ion Ratio Lower Upper
107 100
109 94.8 64.0 118.8
188 4.1 3.0 4.6



#51
Chlorobenzene
Concen: 5.042 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion:112 Resp: 136644
Ion Ratio Lower Upper
112 100
114 31.6 22.9 42.5
77 62.7 50.8 76.2

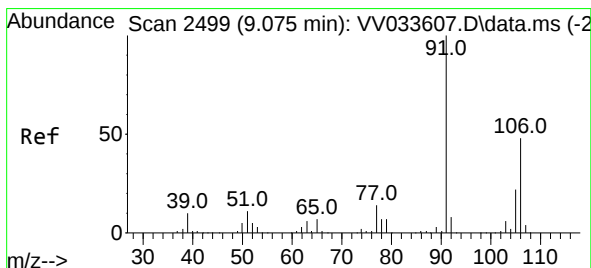
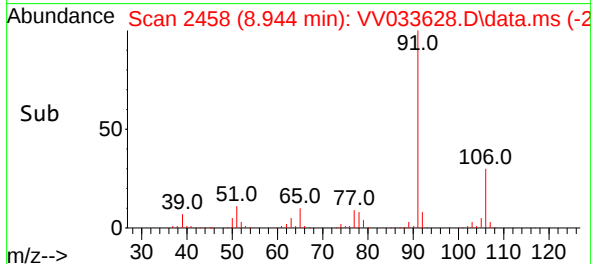
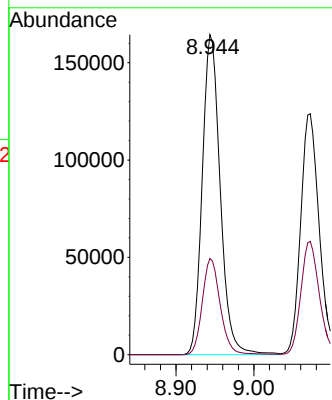
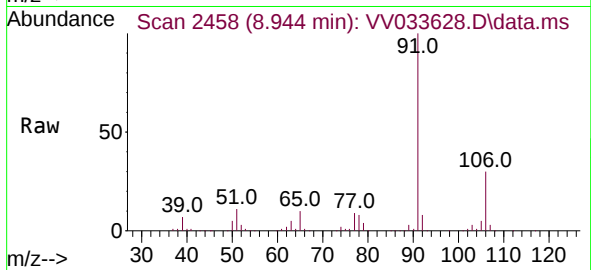




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 8.944 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

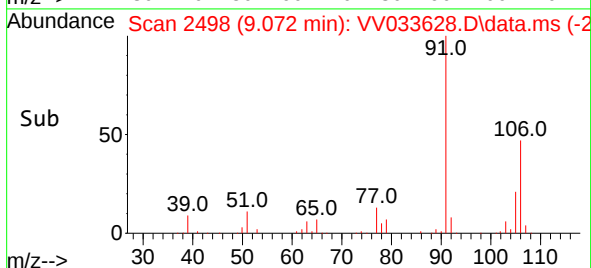
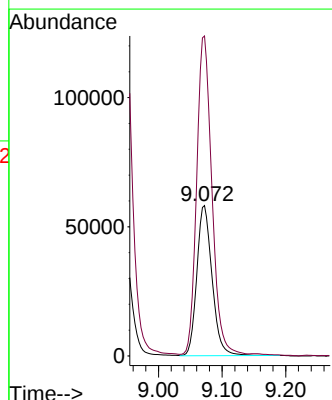
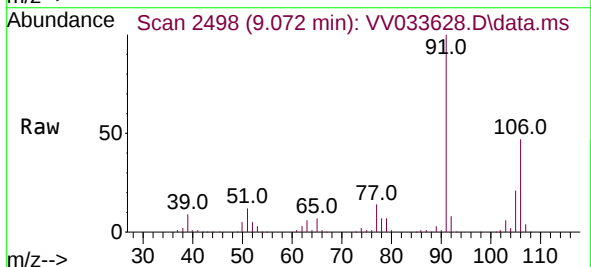
Instrument :
MSVOA_V
ClientSampleId :

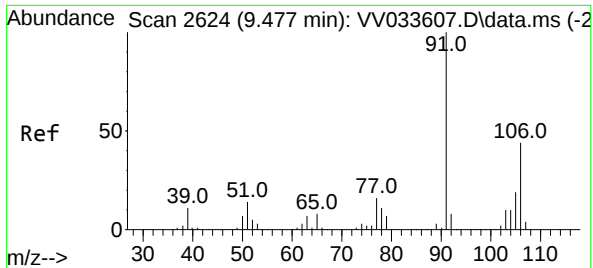
Tgt Ion: 91 Resp: 263207
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 5.121 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion:106 Resp: 96756
Ion Ratio Lower Upper
106 100
91 212.8 146.2 271.4

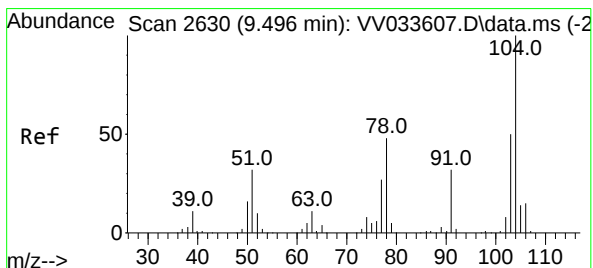
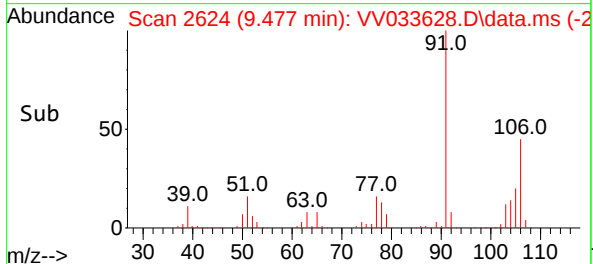
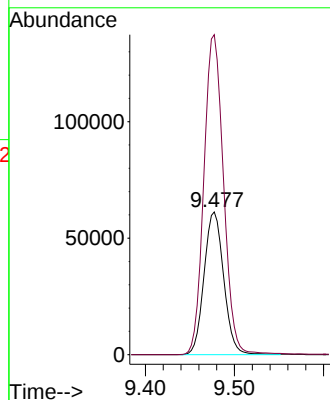
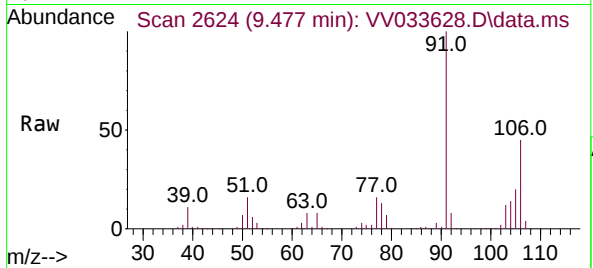




#54
o-Xylene
Concen: 5.108 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

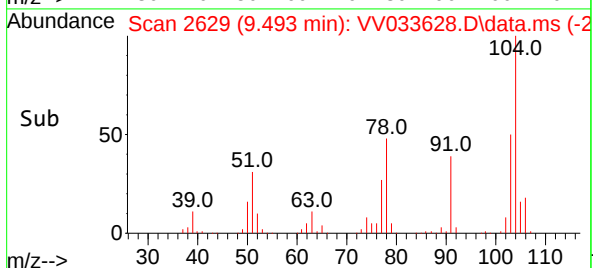
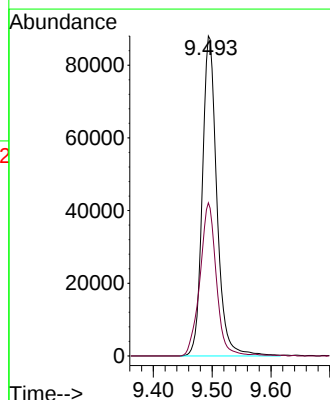
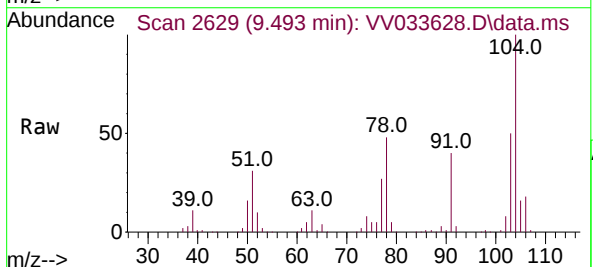
Instrument :
MSVOA_V
ClientSampleId :

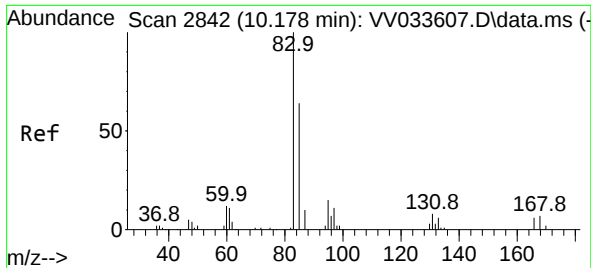
Tgt Ion:106 Resp: 93916
Ion Ratio Lower Upper
106 100
91 224.1 156.0 289.6



#55
Styrene
Concen: 5.160 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion:104 Resp: 151197
Ion Ratio Lower Upper
104 100
78 47.9 33.1 61.5

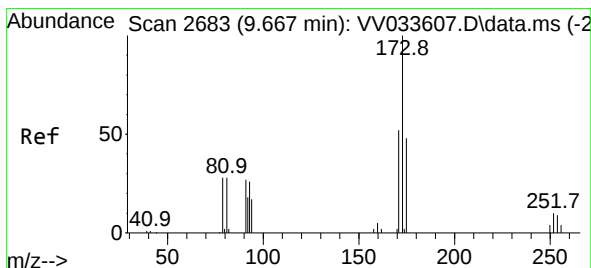
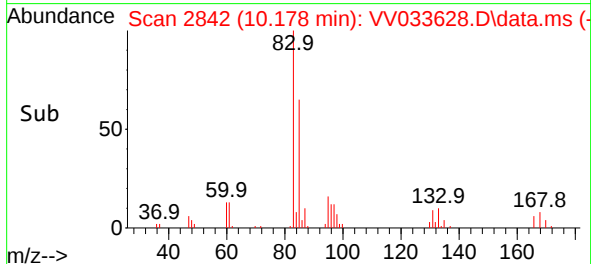
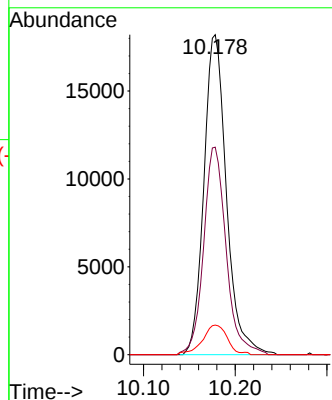
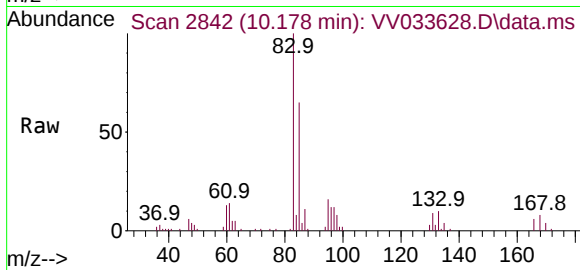




#57
1,1,2,2-Tetrachloroethane
Concen: 4.912 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

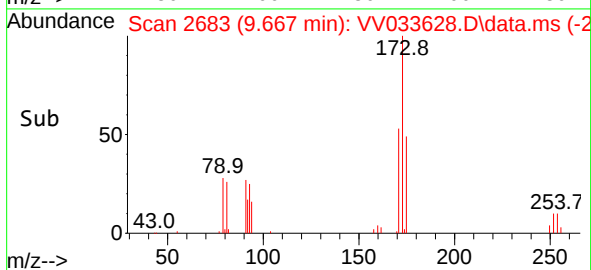
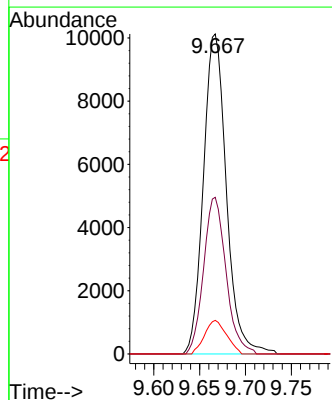
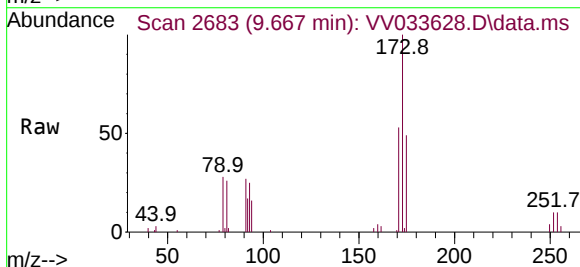
Instrument :
MSVOA_V
ClientSampleId :

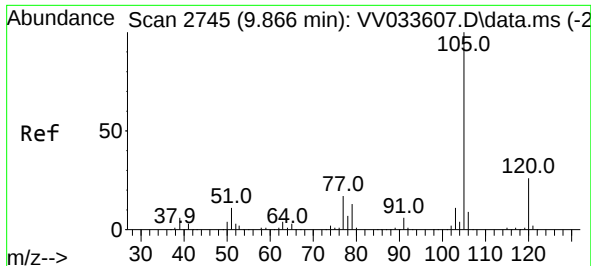
Tgt Ion: 83 Resp: 31113
Ion Ratio Lower Upper
83 100
85 64.8 43.5 80.7
131 9.3 7.4 11.0



#59
Bromoform
Concen: 4.957 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 173 Resp: 17683
Ion Ratio Lower Upper
173 100
175 47.6 38.8 58.2
254 10.0 7.5 11.3

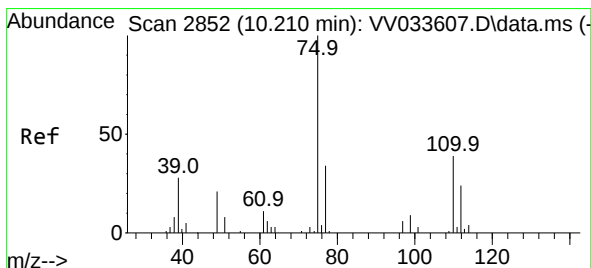
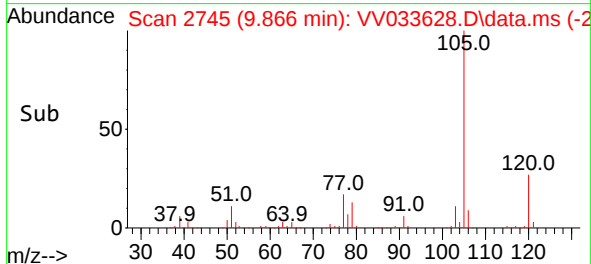
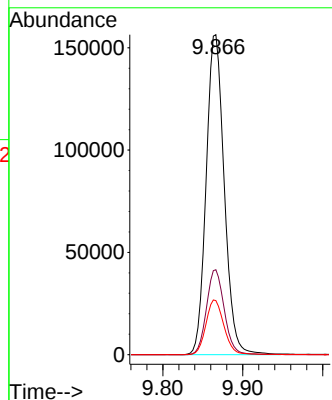
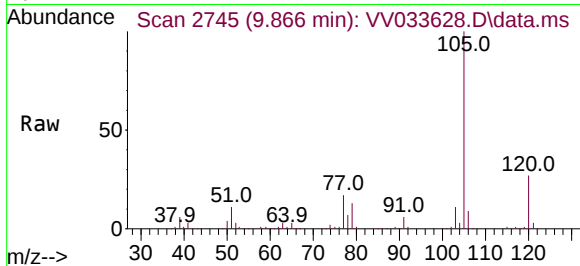




#60
Isopropylbenzene
Concen: 5.273 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

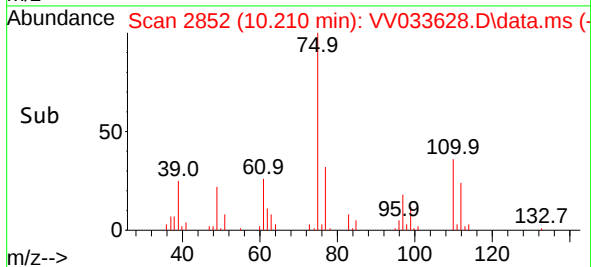
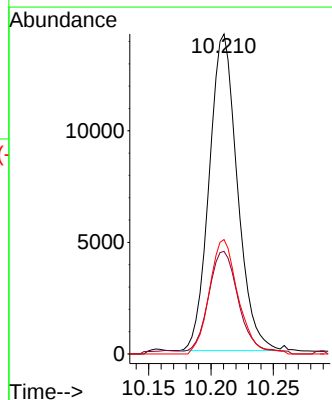
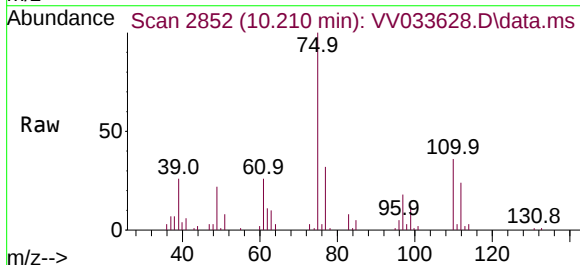
Instrument :
MSVOA_V
ClientSampleId :

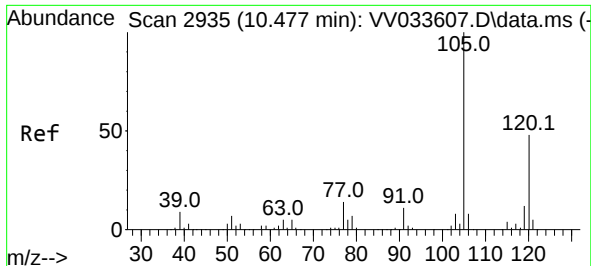
Tgt Ion:105 Resp: 246550
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.709 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion: 75 Resp: 22309
Ion Ratio Lower Upper
75 100
77 35.2 24.7 37.1
110 37.0 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.342 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

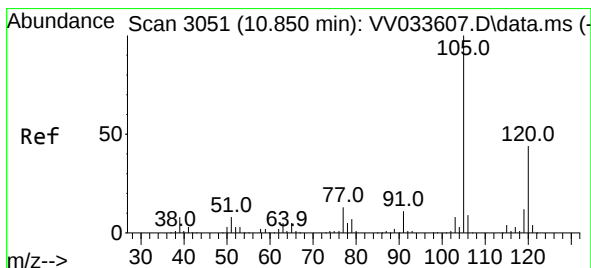
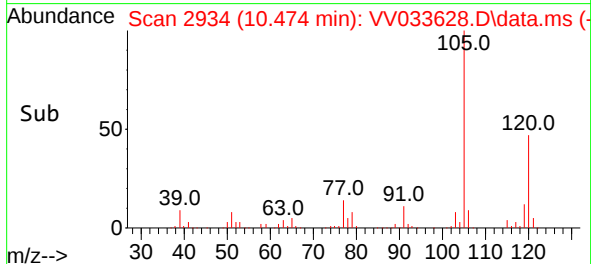
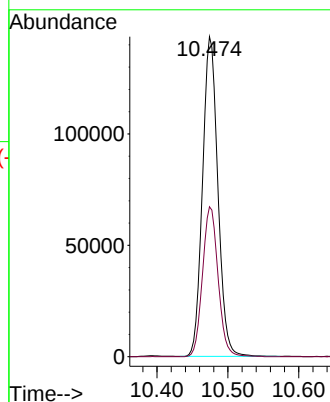
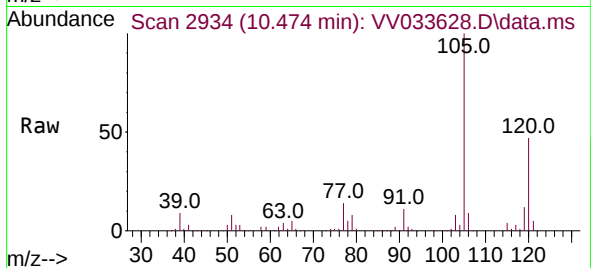
ClientSampleId :

Tgt Ion:105 Resp: 215827

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.353 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033628.D

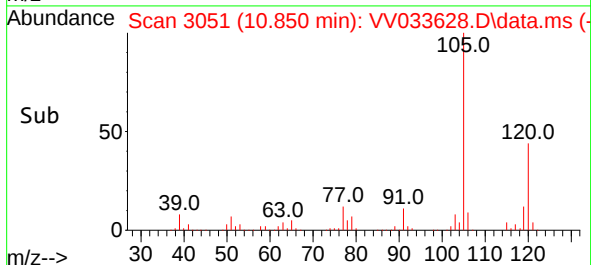
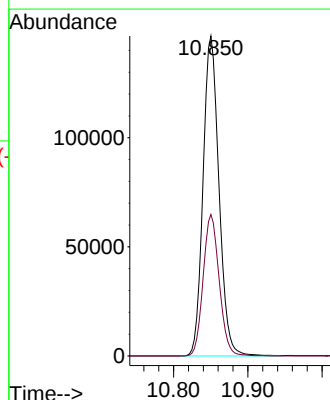
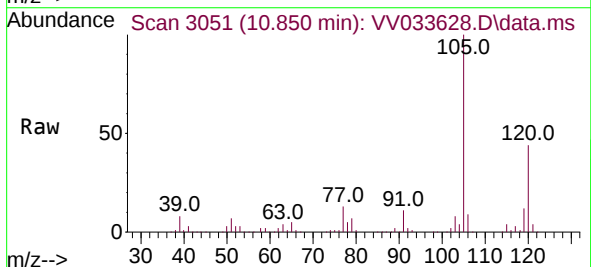
Acq: 15 Jan 2024 09:05

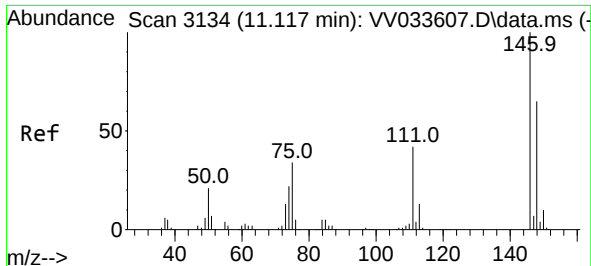
Tgt Ion:105 Resp: 218340

Ion Ratio Lower Upper

105 100

120 44.5 35.5 53.3

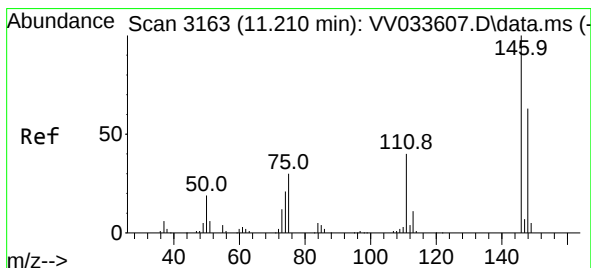
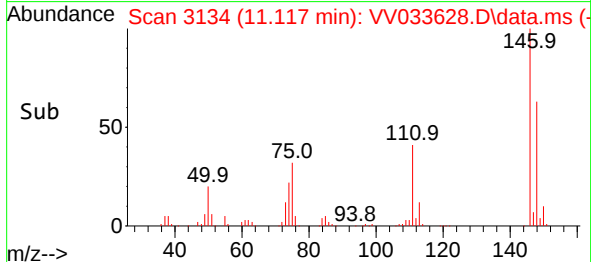
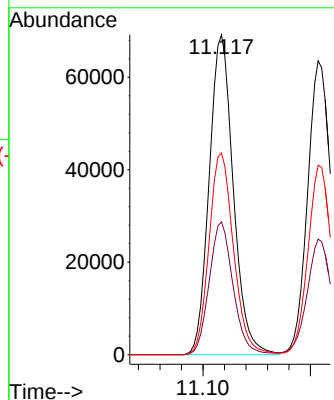
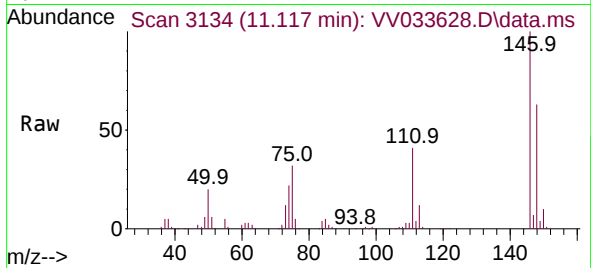




#64
1,3-Dichlorobenzene
Concen: 5.207 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

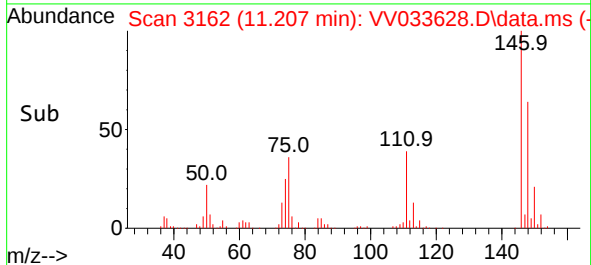
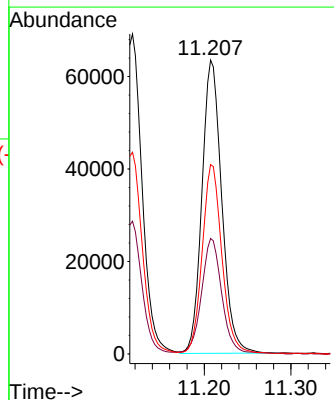
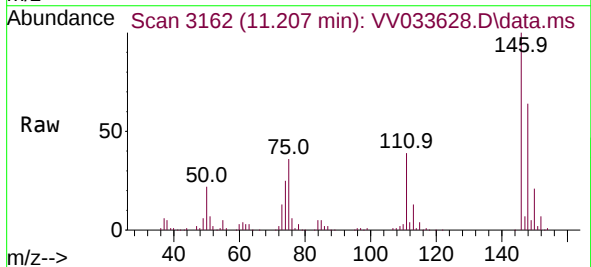
Instrument :
MSVOA_V
ClientSampleId :

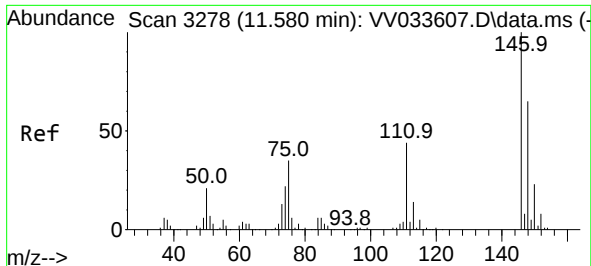
Tgt Ion:146 Resp: 107681
Ion Ratio Lower Upper
146 100
111 41.5 29.2 54.2
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

Tgt Ion:146 Resp: 100897
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 64.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.070 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

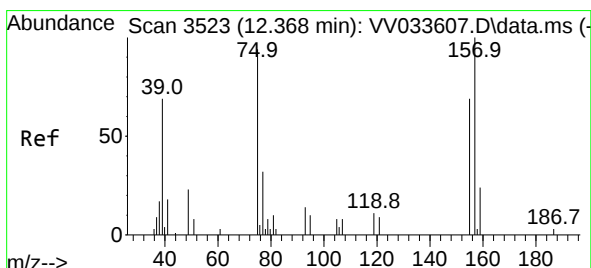
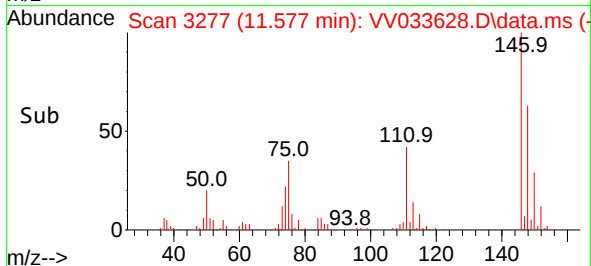
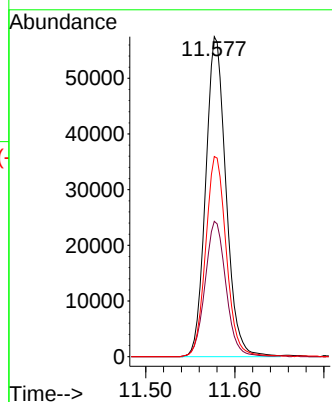
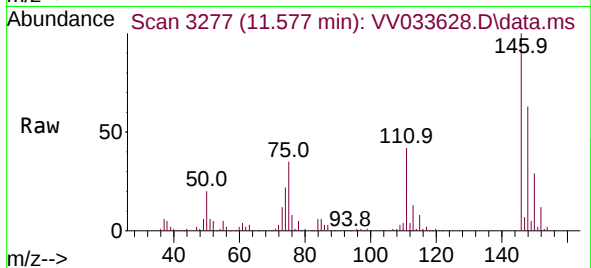
Tgt Ion:146 Resp: 91110

Ion Ratio Lower Upper

146 100

111 42.3 36.1 54.1

148 62.6 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.730 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

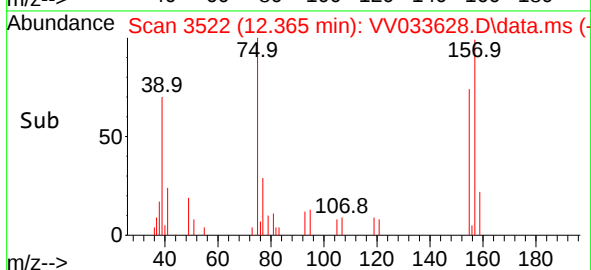
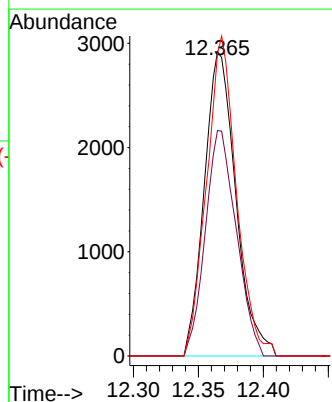
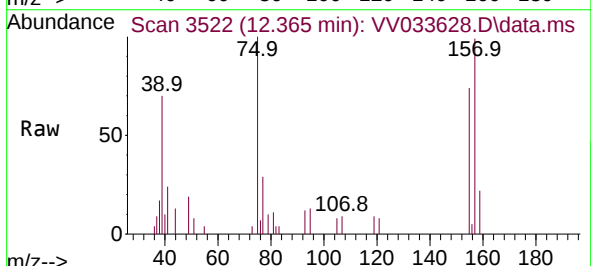
Tgt Ion: 75 Resp: 4925

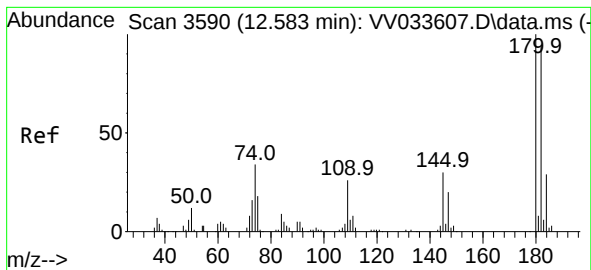
Ion Ratio Lower Upper

75 100

155 74.1 65.3 97.9

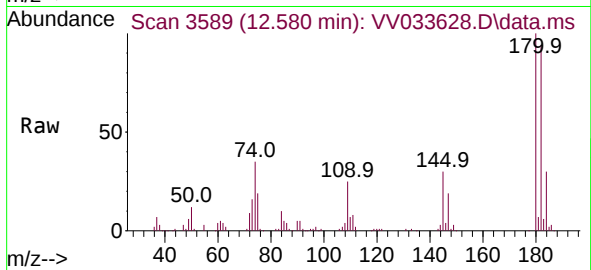
157 99.3 75.4 113.0



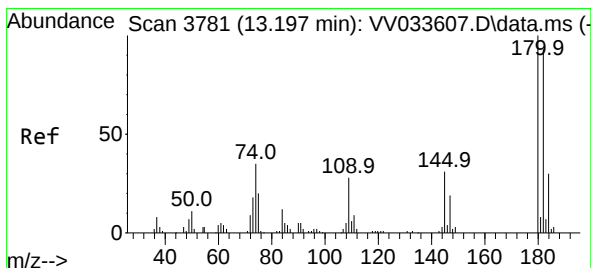
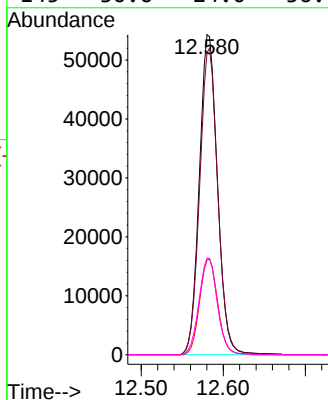
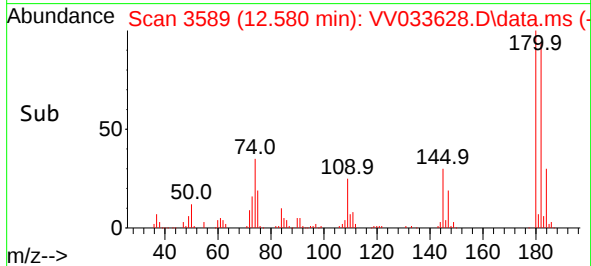


#69
1,3,5-Trichlorobenzene
Concen: 5.193 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. -0.003 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05

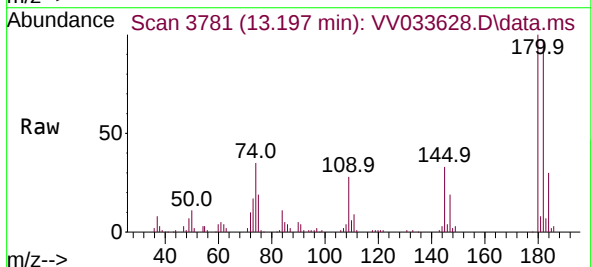
Instrument :
MSVOA_V
ClientSampleId :



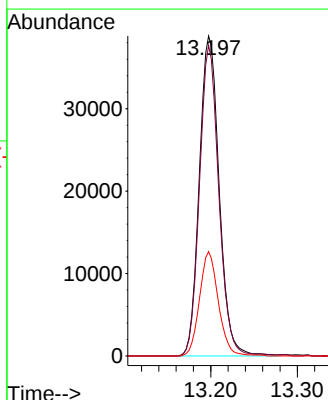
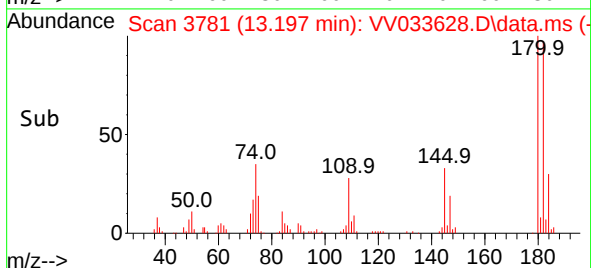
Tgt Ion:180 Resp: 83372
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
184 29.8 24.2 36.2
145 30.6 24.0 36.0

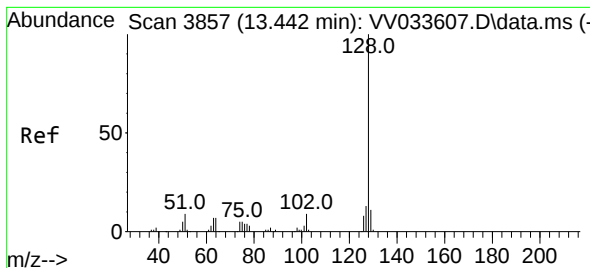


#70
1,2,4-trichlorobenzene
Concen: 4.616 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033628.D
Acq: 15 Jan 2024 09:05



Tgt Ion:180 Resp: 61740
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.6
145 31.0 24.8 37.2





#71

Naphthalene

Concen: 3.207 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV033628.D

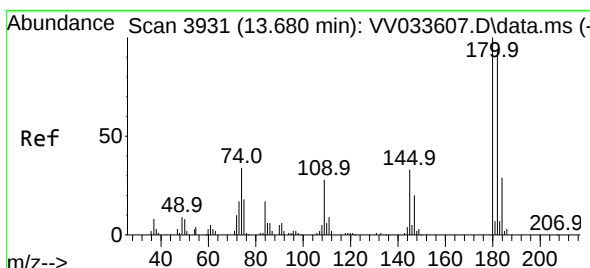
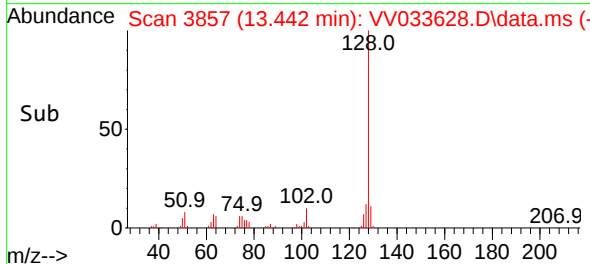
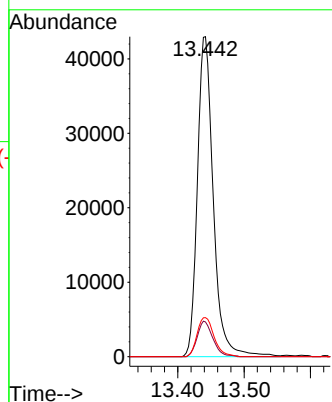
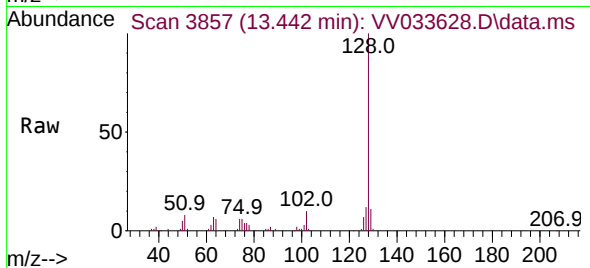
Acq: 15 Jan 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	71595
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.0	10.4	15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.316 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033628.D

Acq: 15 Jan 2024 09:05

Tgt Ion:	180	Resp:	46293
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.0	112.6
145	33.6	26.6	40.0

