

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035250.D
 Acq On : 16 Apr 2024 19:09
 Operator : SY/MD
 Sample : P2032-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:52:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	195012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73654	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	62656	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.059	65	30469	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.812	46	157259	50.917	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.840%
24) Chloroform-d	4.249	84	135658	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.944	65	64339	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	4.960	84	253363	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.989	67	82074	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.243	98	232436	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	27695	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.027	63	120897	46.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	64922	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	83555	4.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	100364	5.437	ug/L	99
3) Chloromethane	1.214	50	116669	5.419	ug/L	99
5) Vinyl chloride	1.281	62	113326	5.365	ug/L	97
6) Bromomethane	1.487	94	52740	4.357	ug/L	98
8) Chloroethane	1.551	64	69046	5.310	ug/L	96
9) Trichlorofluoromethane	1.712	101	136482	5.423	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80858	5.233	ug/L	99
12) 1,1-Dichloroethene	2.069	96	76060	5.137	ug/L	87
13) Acetone	2.140	43	121313	58.288	ug/L	70
14) Carbon disulfide	2.240	76	257359	5.511	ug/L	98
15) Methyl Acetate	2.387	43	28233	5.150	ug/L	92
16) Methylene chloride	2.449	84	85256	4.572	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	177007	5.297	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	81218	5.369	ug/L	98
19) 1,1-Dichloroethane	3.111	63	163466	5.373	ug/L	100
21) 2-Butanone	3.892	43	168955	49.596	ug/L #	67
22) cis-1,2-Dichloroethene	3.815	96	83817	5.389	ug/L	100
23) Bromochloromethane	4.146	128	36906	5.247	ug/L	97
25) Chloroform	4.278	83	154820	5.233	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035250.D
 Acq On : 16 Apr 2024 19:09
 Operator : SY/MD
 Sample : P2032-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

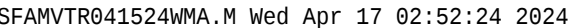
Instrument :
 MSVOA_V
 ClientSampleId :

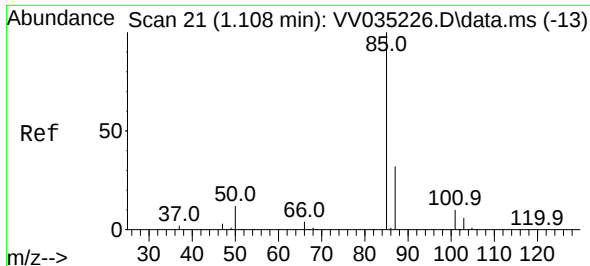
Quant Time: Apr 17 02:52:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	95799	5.522	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	132259	5.343	ug/L	99
30) Cyclohexane	4.580	56	124335	5.272	ug/L	99
31) Carbon tetrachloride	4.735	117	112080	5.306	ug/L	99
33) Benzene	5.011	78	336630	5.444	ug/L	100
34) Trichloroethene	5.834	95	85422	5.252	ug/L	99
35) Methylcyclohexane	6.050	83	130027	5.307	ug/L	99
37) 1,2-Dichloropropane	6.091	63	88964	5.441	ug/L	99
38) Bromodichloromethane	6.432	83	106151	5.332	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	112780	5.189	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	466673	54.169	ug/L	98
42) Toluene	7.317	91	360262	5.618	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	92818	5.282	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	61042	5.380	ug/L	99
47) Tetrachloroethene	7.905	164	65449	5.072	ug/L	96
48) 2-Hexanone	8.075	43	334012	52.409	ug/L	98
49) Dibromochloromethane	8.175	129	60202	5.137	ug/L	100
50) 1,2-Dibromoethane	8.284	107	56602	5.312	ug/L	96
51) Chlorobenzene	8.815	112	220432	5.311	ug/L	98
52) Ethylbenzene	8.947	91	366892	5.339	ug/L	99
53) m,p-Xylene	9.072	106	138941	5.488	ug/L	98
54) o-Xylene	9.477	106	129532	5.302	ug/L	97
55) Styrene	9.496	104	226385	5.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	74789	5.379	ug/L	99
59) Bromoform	9.667	173	30897	4.957	ug/L	99
60) Isopropylbenzene	9.866	105	353324	5.257	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	52752	5.022	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	274301	5.054	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	280466	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	175812	5.198	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	180874	5.119	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	164760	5.246	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	10279	4.957	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	134316	5.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	105307	4.918	ug/L	98
71) Naphthalene	13.438	128	151083	4.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	96446	5.073	ug/L	98

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

Quant Time: Apr 17 02:52:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 17 02:28:28 2024
Response via : Initial Calibration

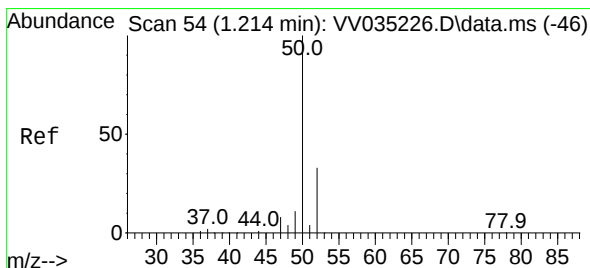
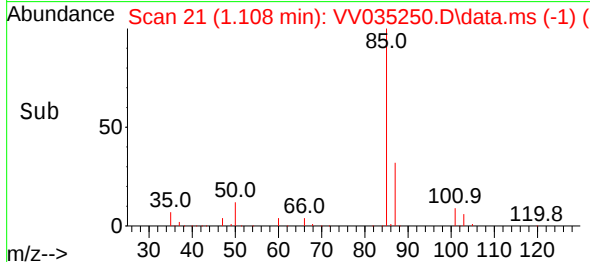
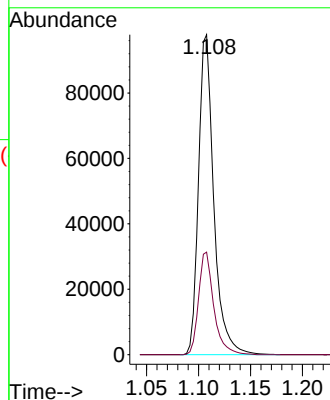
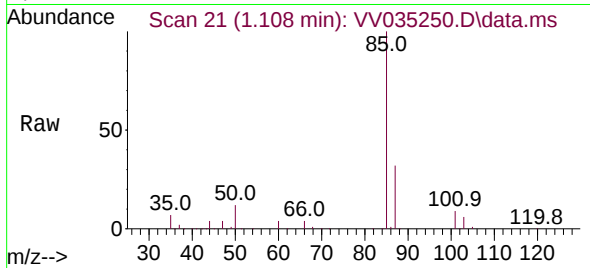




#2
 Dichlorodifluoromethane
 Concen: 5.437 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

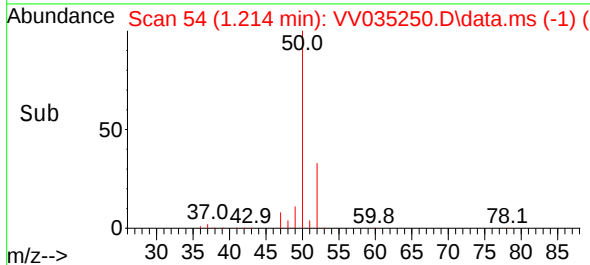
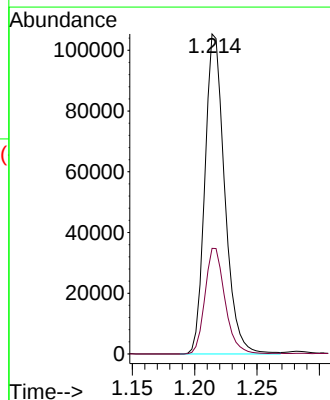
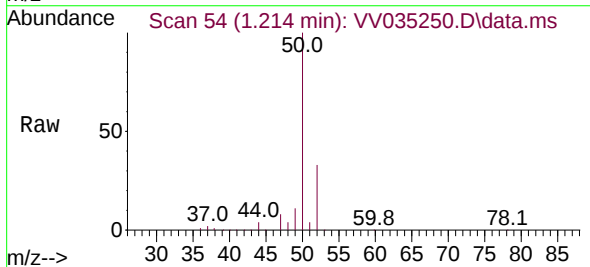
Instrument :
 MSVOA_V
 ClientSampleId :

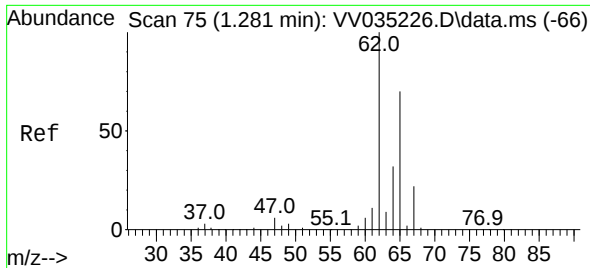
Tgt Ion: 85 Resp: 100364
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 5.419 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

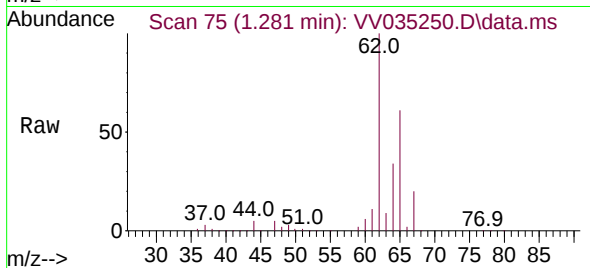
Tgt Ion: 50 Resp: 116669
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9



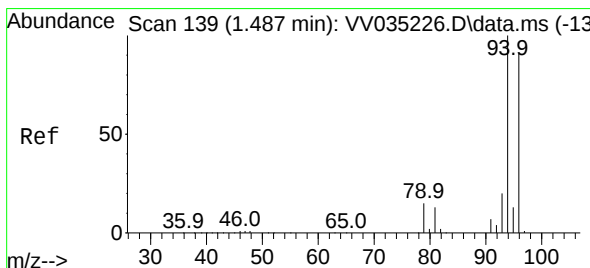
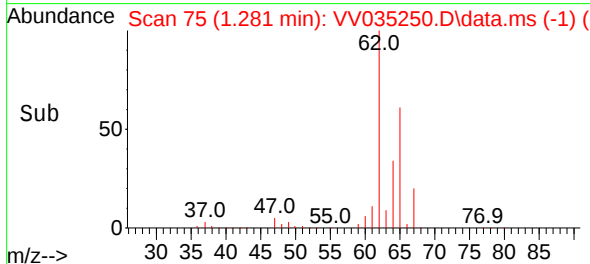
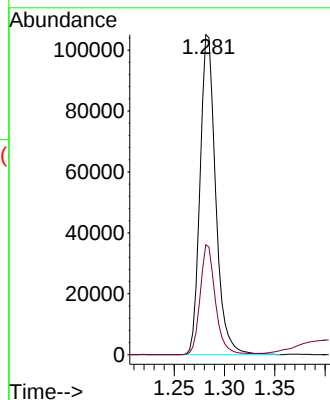


#5
 Vinyl chloride
 Concen: 5.365 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

Instrument :
 MSVOA_V
 ClientSampleId :

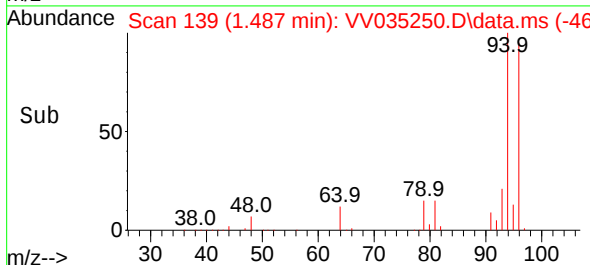
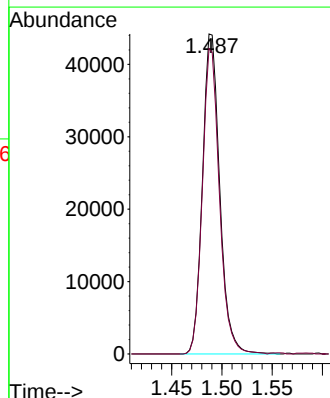
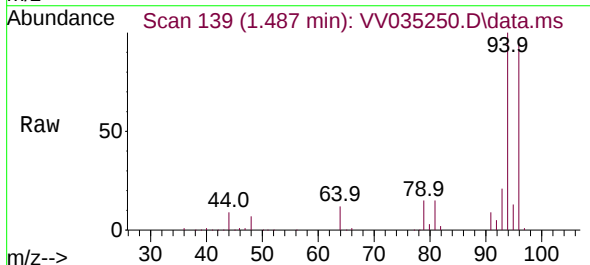


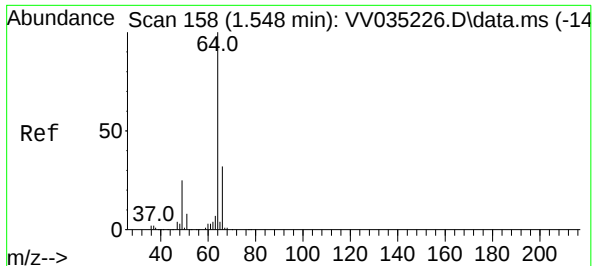
Tgt Ion: 62 Resp: 113326
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.357 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

Tgt Ion: 94 Resp: 52740
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.7 122.1

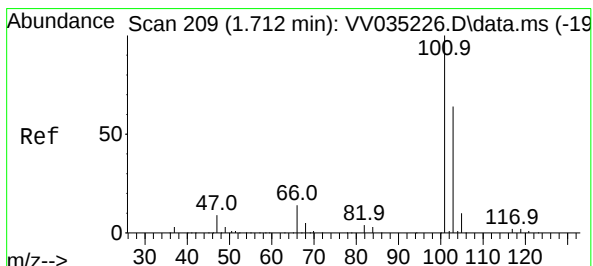
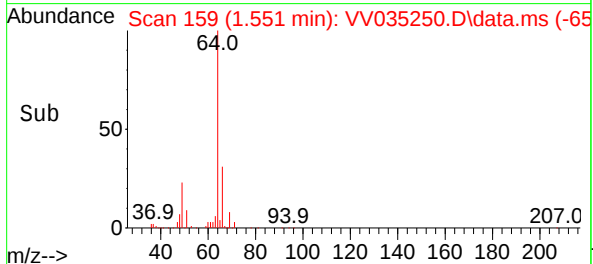
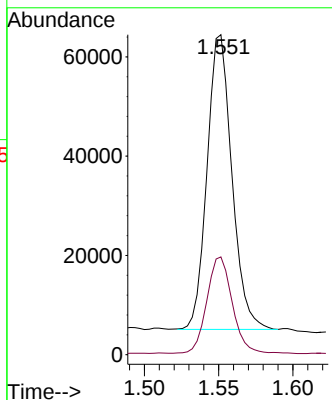
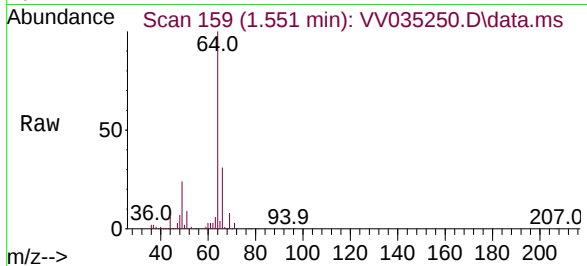




#8
Chloroethane
Concen: 5.310 ug/L
RT: 1.551 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

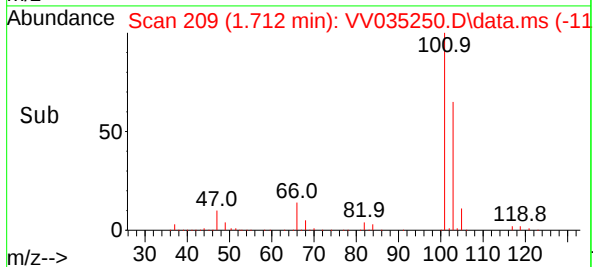
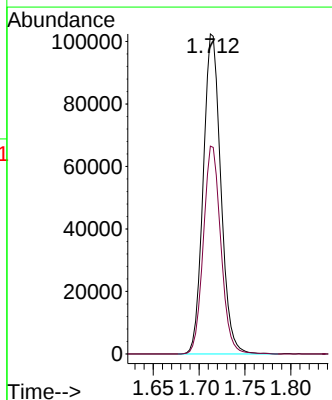
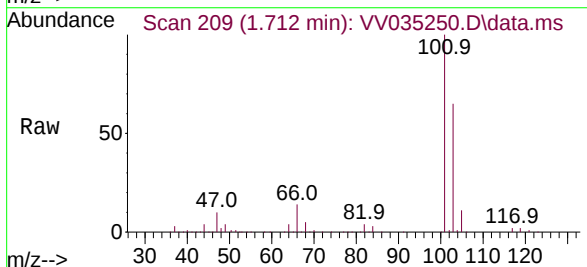
Instrument :
MSVOA_V
ClientSampleId :

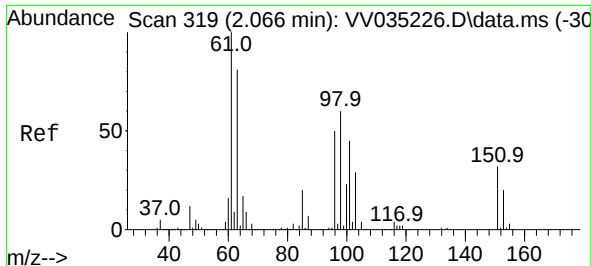
Tgt Ion: 64 Resp: 69046
Ion Ratio Lower Upper
64 100
66 30.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.423 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion:101 Resp: 136482
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

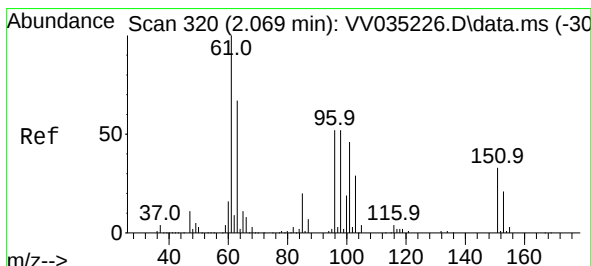
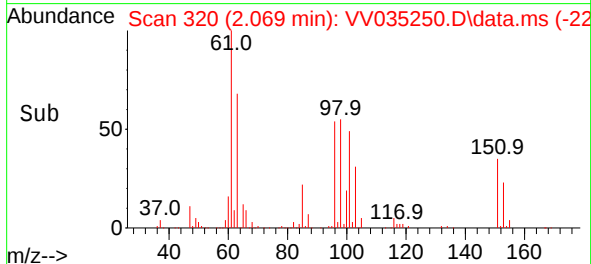
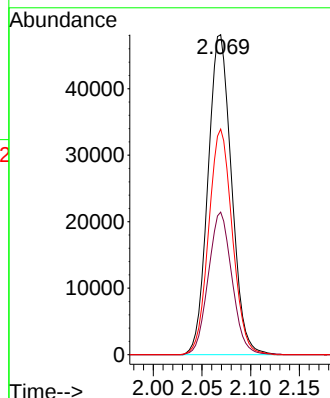
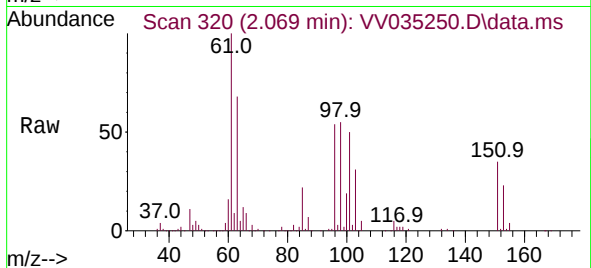




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.233 ug/L
 RT: 2.069 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

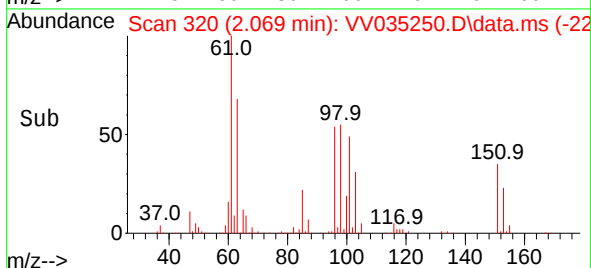
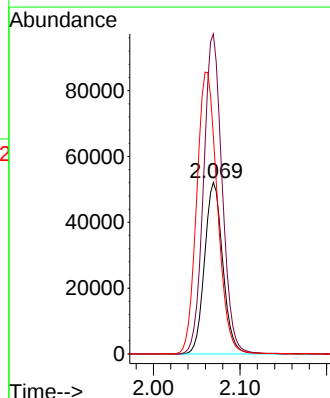
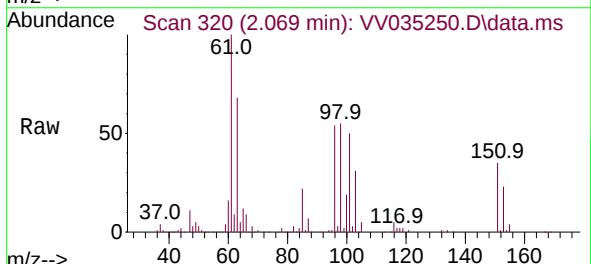
Instrument :
 MSVOA_V
 ClientSampleId :

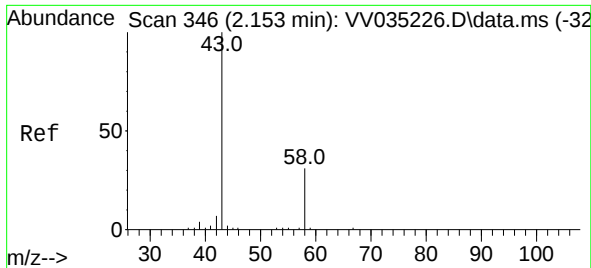
Tgt Ion:101 Resp: 80858
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 71.0 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 5.137 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

Tgt Ion: 96 Resp: 76060
 Ion Ratio Lower Upper
 96 100
 61 186.7 133.5 247.9
 63 127.6 112.5 208.9





#13

Acetone

Concen: 58.288 ug/L

RT: 2.140 min Scan# 346

Delta R.T. -0.013 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

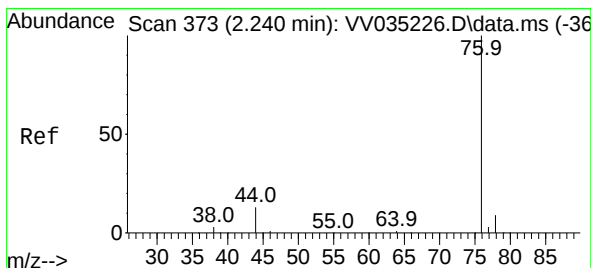
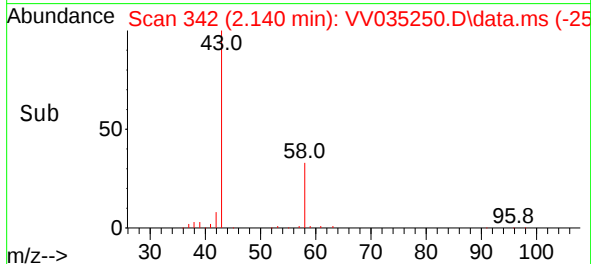
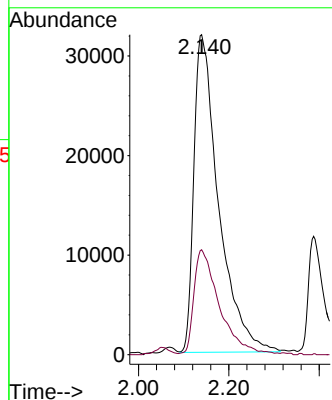
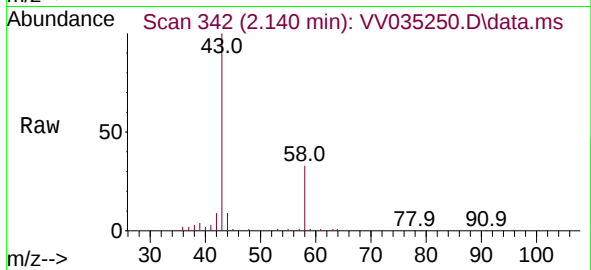
ClientSampleId :

Tgt Ion: 43 Resp: 121313

Ion Ratio Lower Upper

43 100

58 33.3 0.0 39.2



#14

Carbon disulfide

Concen: 5.511 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV035250.D

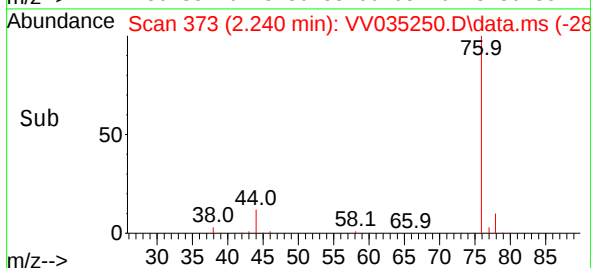
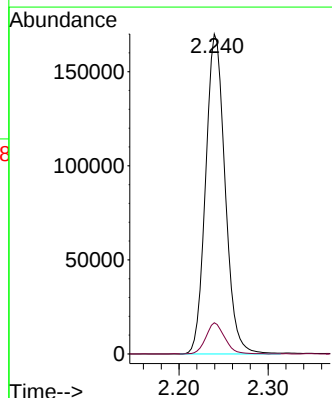
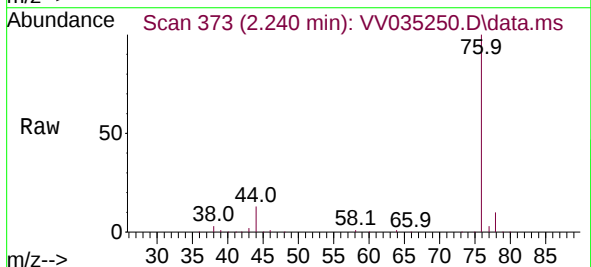
Acq: 16 Apr 2024 19:09

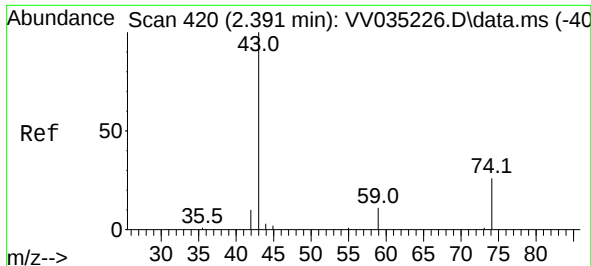
Tgt Ion: 76 Resp: 257359

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8





#15

Methyl Acetate

Concen: 5.150 ug/L

RT: 2.387 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

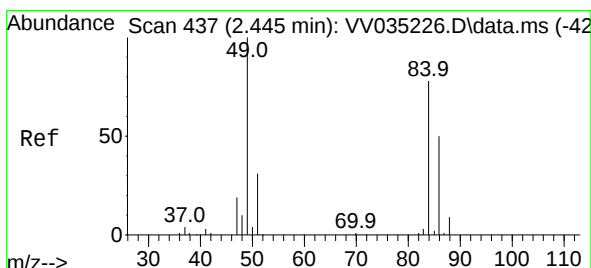
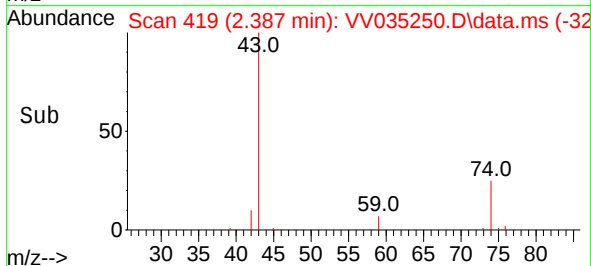
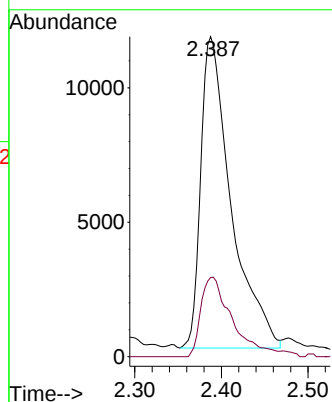
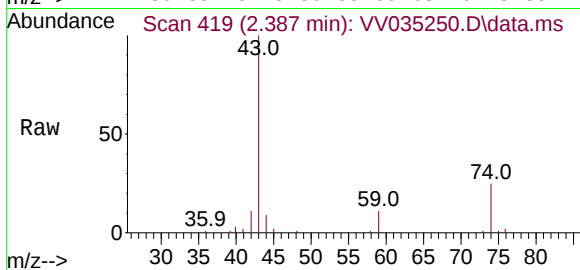
ClientSampleId :

Tgt Ion: 43 Resp: 28233

Ion Ratio Lower Upper

43 100

74 26.9 18.3 27.5



#16

Methylene chloride

Concen: 4.572 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

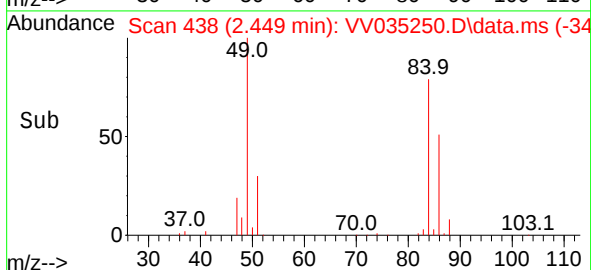
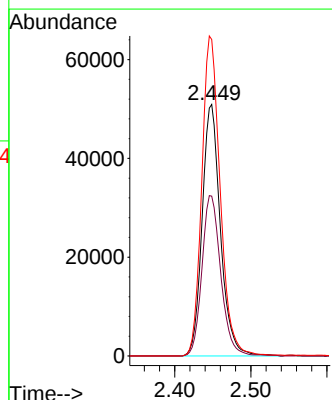
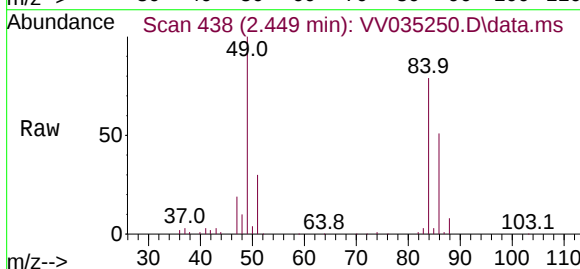
Tgt Ion: 84 Resp: 85256

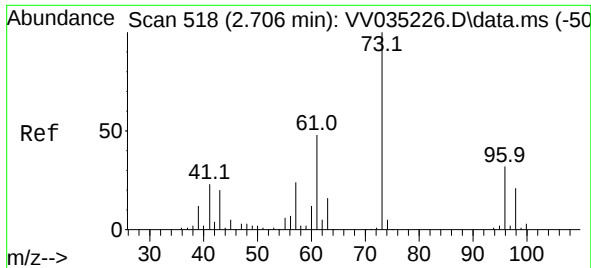
Ion Ratio Lower Upper

84 100

86 63.6 45.6 84.6

49 125.8 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 5.297 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

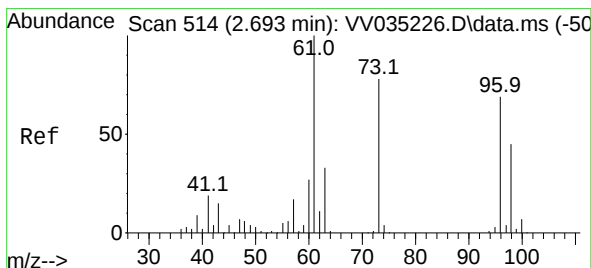
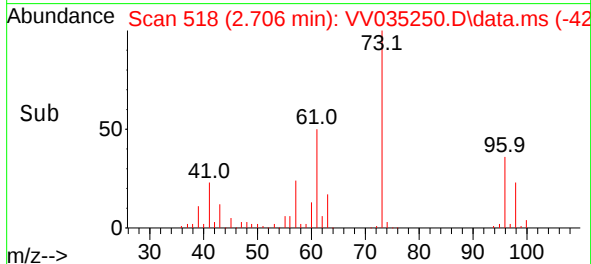
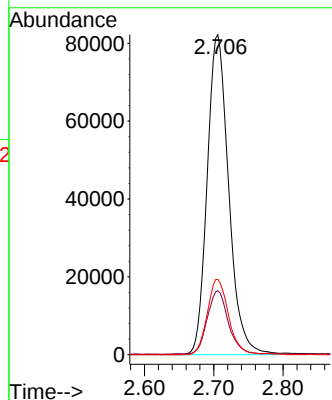
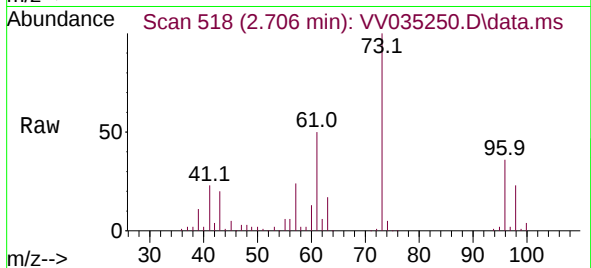
Tgt Ion: 73 Resp: 177007

Ion Ratio Lower Upper

73 100

43 19.0 15.7 23.5

57 23.2 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.369 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

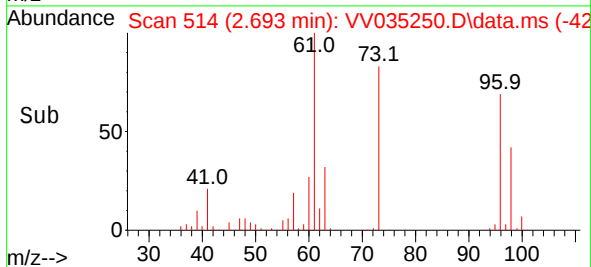
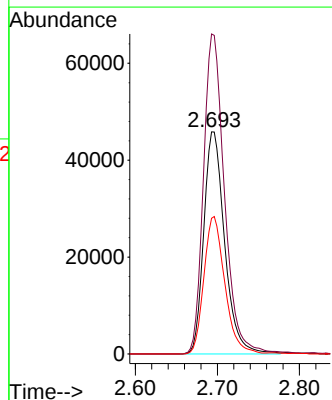
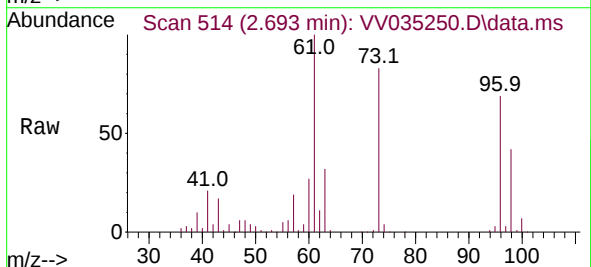
Tgt Ion: 96 Resp: 81218

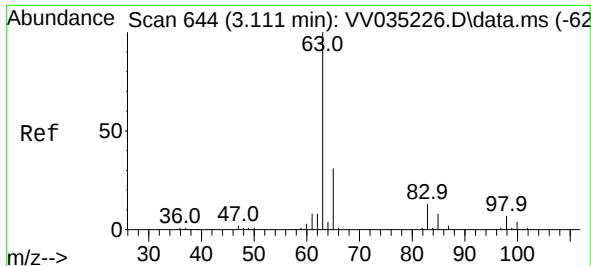
Ion Ratio Lower Upper

96 100

61 144.1 101.8 189.2

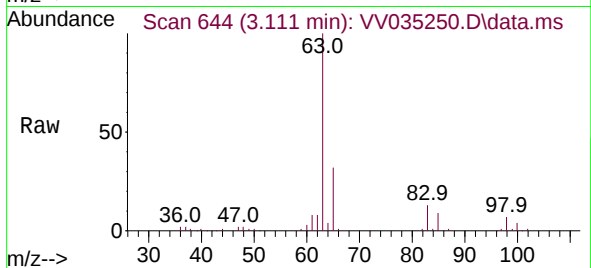
98 61.1 44.7 82.9



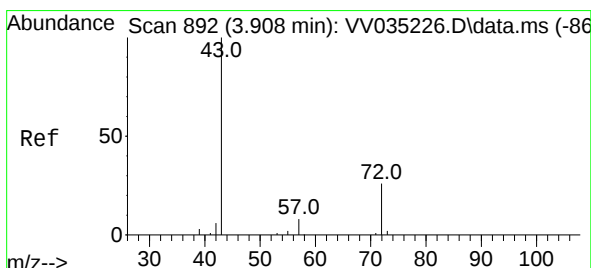
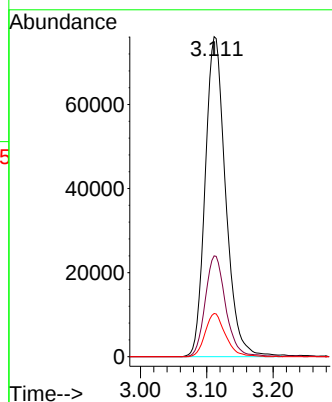
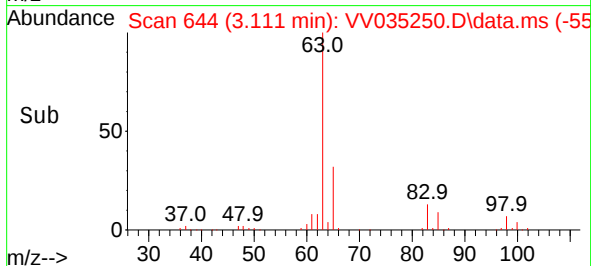


#19
1,1-Dichloroethane
Concen: 5.373 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Instrument :
MSVOA_V
ClientSampleId :

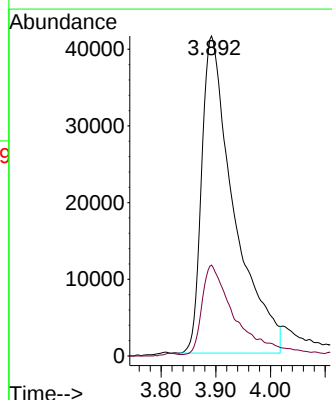
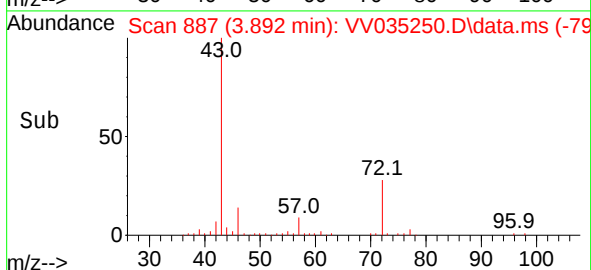
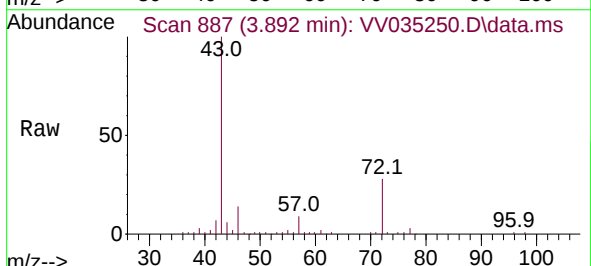


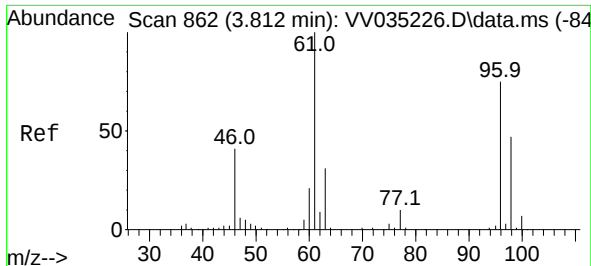
Tgt Ion: 63 Resp: 163466
Ion Ratio Lower Upper
63 100
65 31.5 22.2 41.2
83 13.5 9.4 17.4



#21
2-Butanone
Concen: 49.596 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.016 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

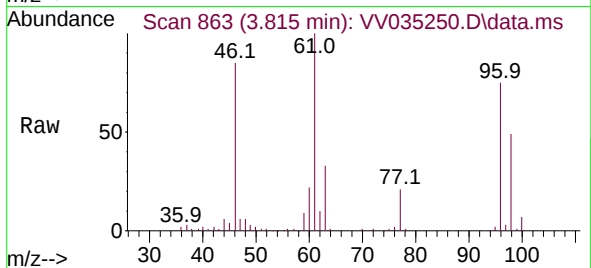
Tgt Ion: 43 Resp: 168955
Ion Ratio Lower Upper
43 100
72 25.5 6.3 18.8#



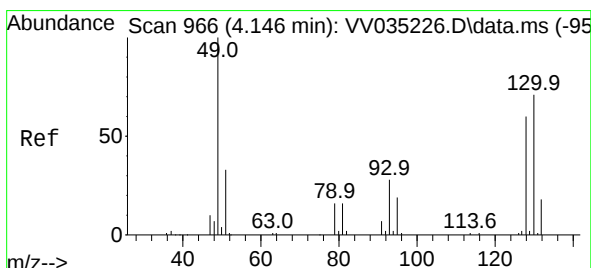
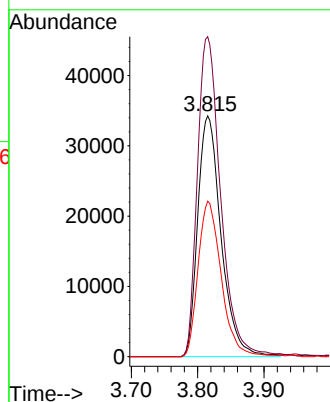
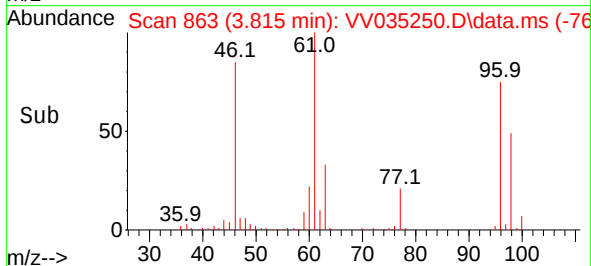


#22
 cis-1,2-Dichloroethene
 Concen: 5.389 ug/L
 RT: 3.815 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09

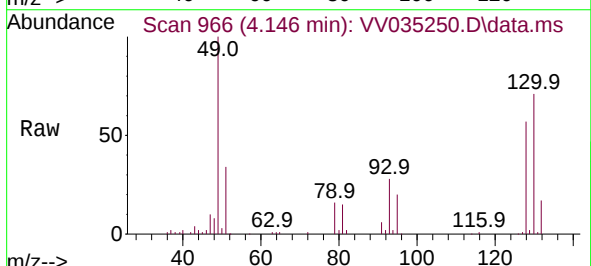
Instrument :
 MSVOA_V
 ClientSampleId :



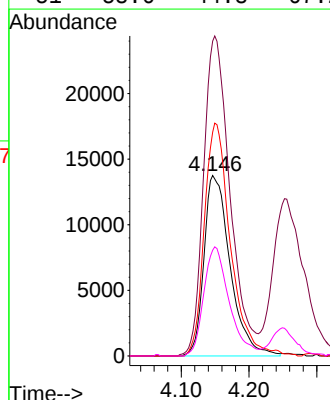
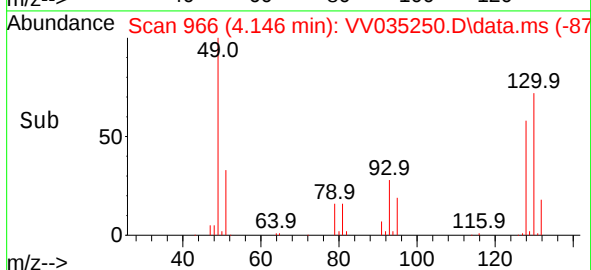
Tgt Ion: 96 Resp: 83817
 Ion Ratio Lower Upper
 96 100
 61 132.9 92.8 172.4
 98 64.6 45.5 84.5

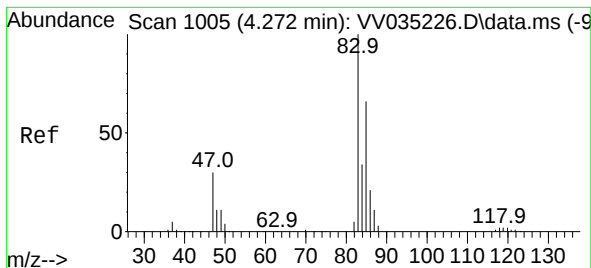


#23
 Bromochloromethane
 Concen: 5.247 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV035250.D
 Acq: 16 Apr 2024 19:09



Tgt Ion: 128 Resp: 36906
 Ion Ratio Lower Upper
 128 100
 49 174.5 119.8 222.4
 130 124.1 85.2 158.2
 51 58.6 44.8 67.2





#25

Chloroform

Concen: 5.233 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

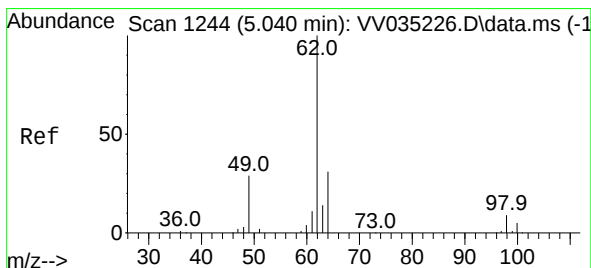
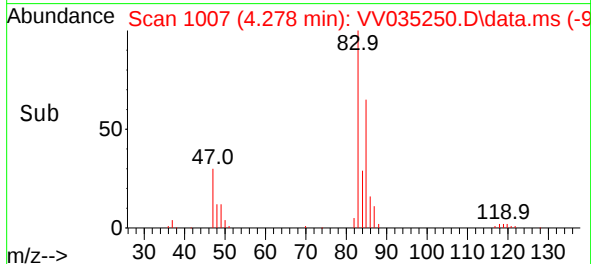
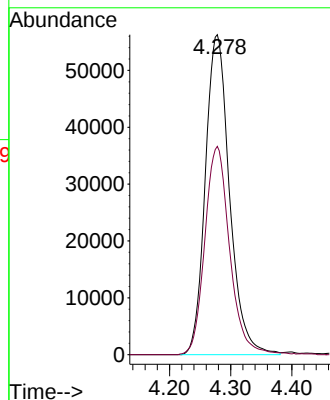
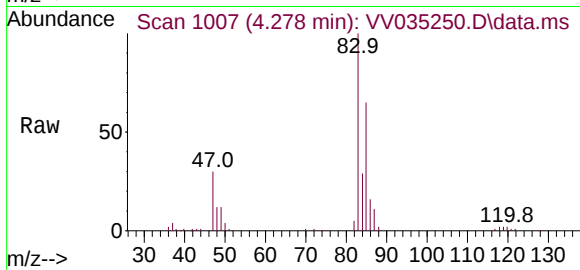
ClientSampleId :

Tgt Ion: 83 Resp: 154820

Ion Ratio Lower Upper

83 100

85 65.1 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.522 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV035250.D

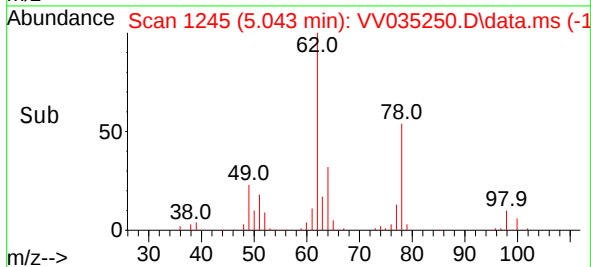
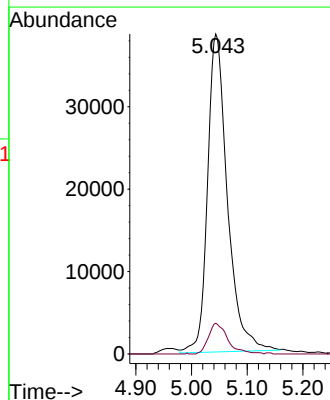
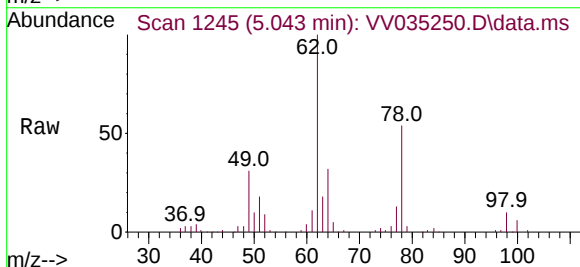
Acq: 16 Apr 2024 19:09

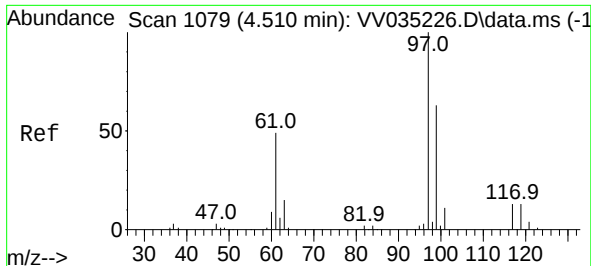
Tgt Ion: 62 Resp: 95799

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.343 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

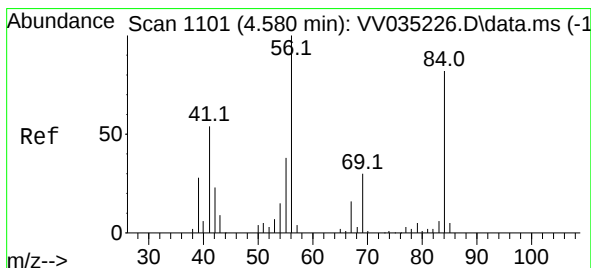
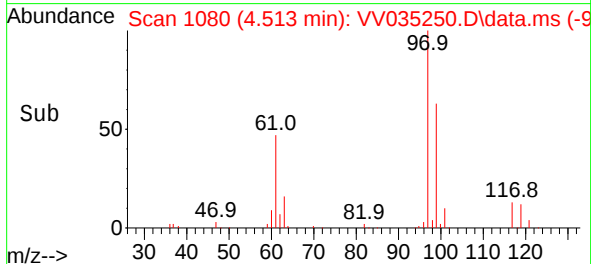
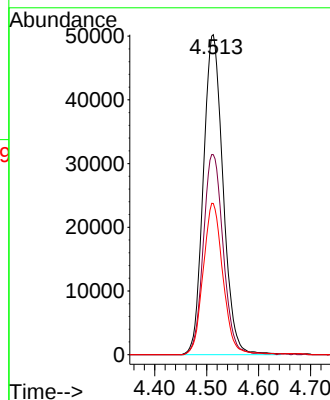
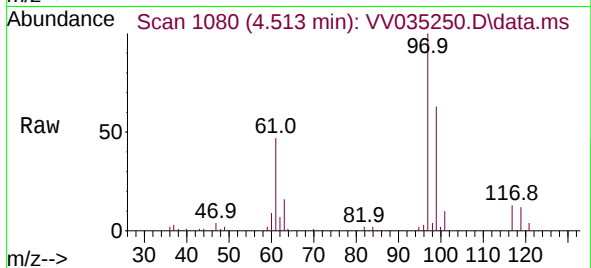
Tgt Ion: 97 Resp: 132259

Ion Ratio Lower Upper

97 100

99 62.9 51.4 77.2

61 47.5 38.3 57.5



#30

Cyclohexane

Concen: 5.272 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

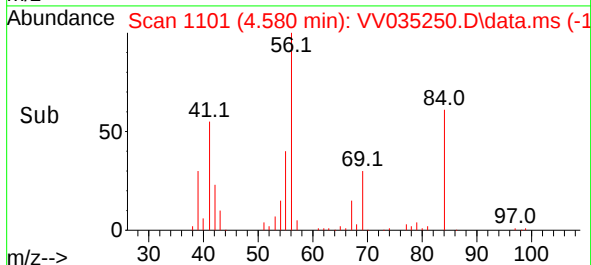
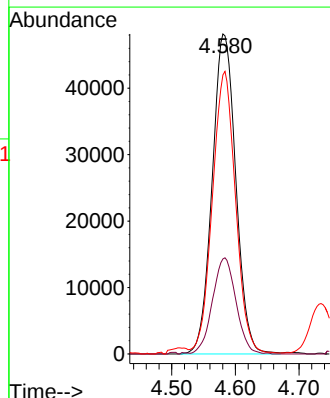
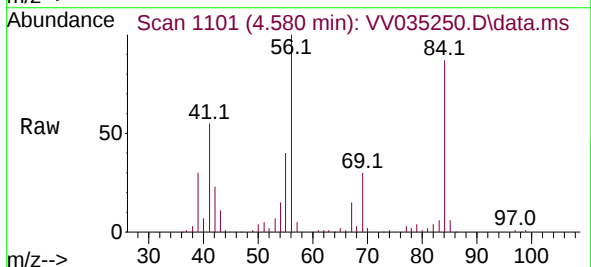
Tgt Ion: 56 Resp: 124335

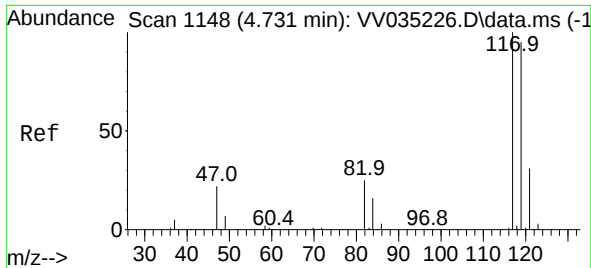
Ion Ratio Lower Upper

56 100

69 29.3 24.8 37.2

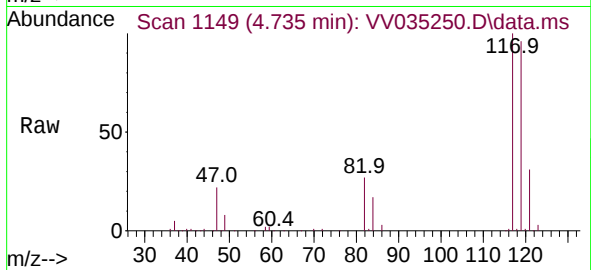
84 86.9 69.4 104.2



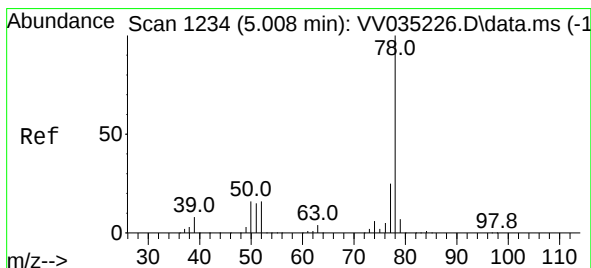
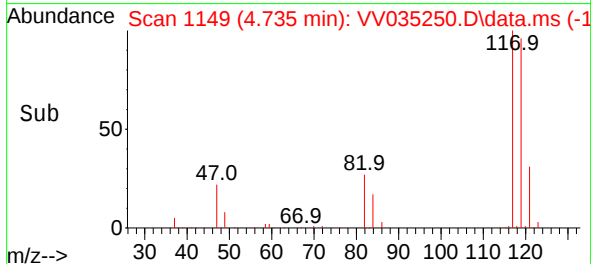
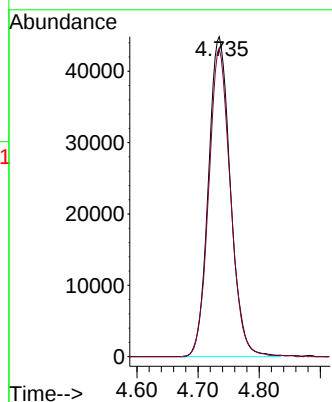


#31
Carbon tetrachloride
Concen: 5.306 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Instrument :
MSVOA_V
ClientSampleId :

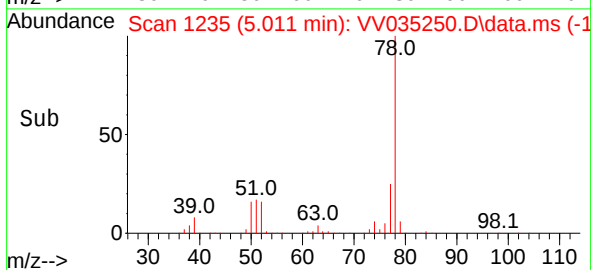
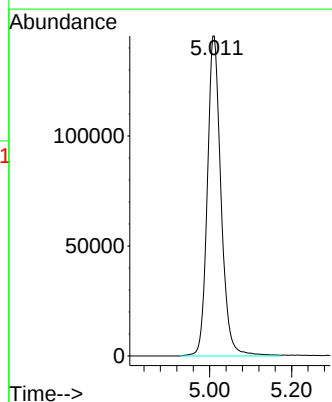
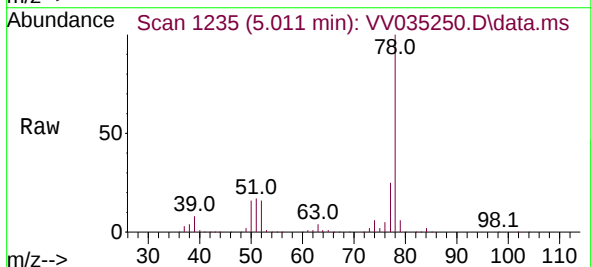


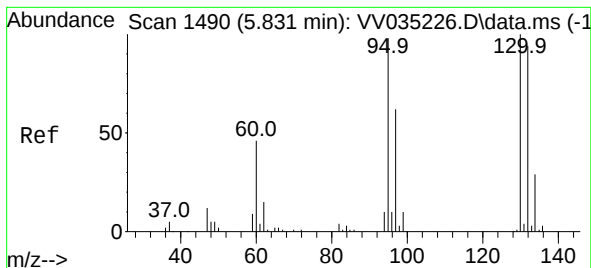
Tgt Ion:117 Resp: 112080
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6



#33
Benzene
Concen: 5.444 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion: 78 Resp: 336630





#34

Trichloroethene

Concen: 5.252 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 85422

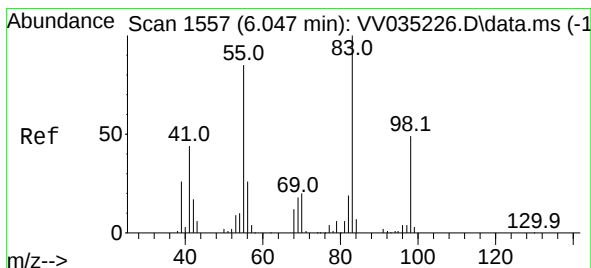
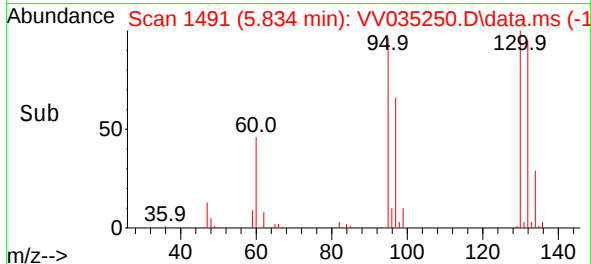
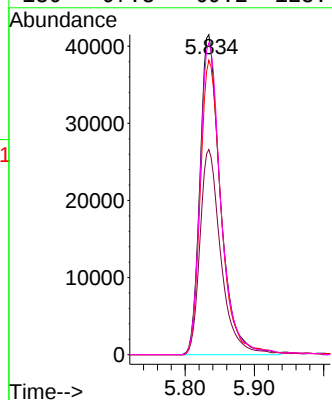
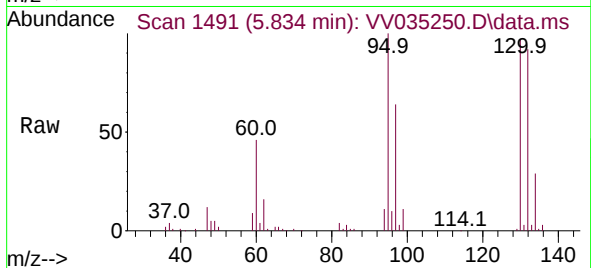
Ion Ratio Lower Upper

95 100

97 64.1 44.7 82.9

132 92.0 64.8 120.3

130 97.3 69.2 128.4



#35

Methylcyclohexane

Concen: 5.307 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

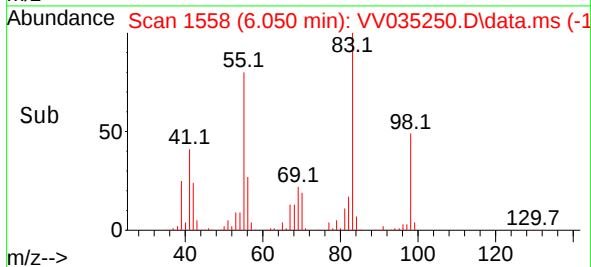
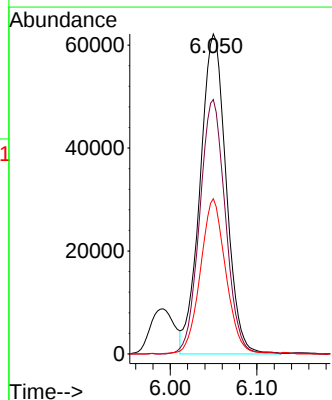
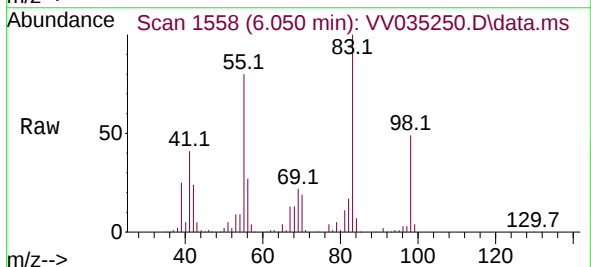
Tgt Ion: 83 Resp: 130027

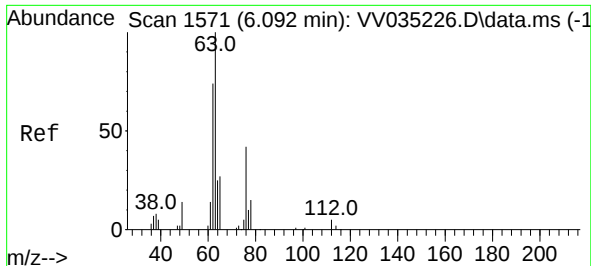
Ion Ratio Lower Upper

83 100

55 78.3 63.8 95.6

98 47.3 37.4 56.2

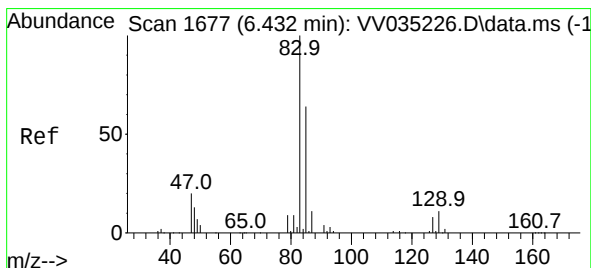
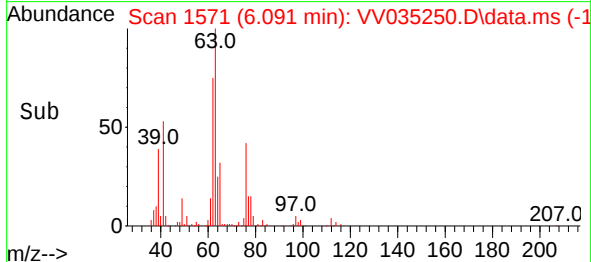
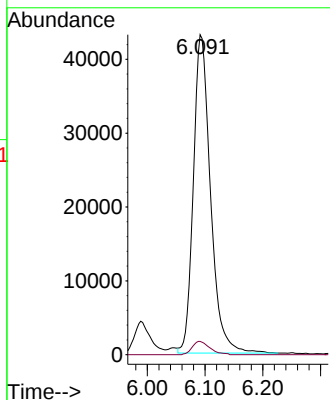
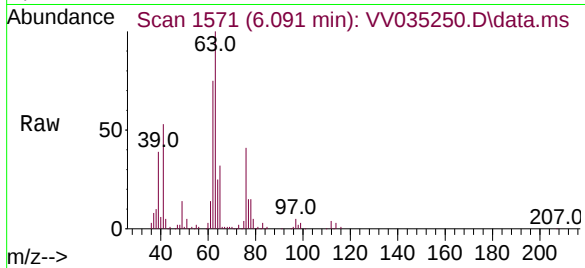




#37
1,2-Dichloropropane
Concen: 5.441 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

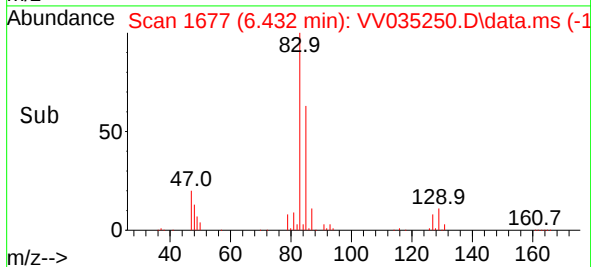
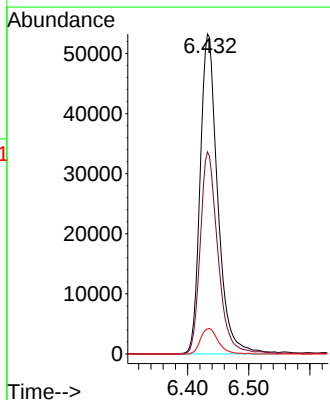
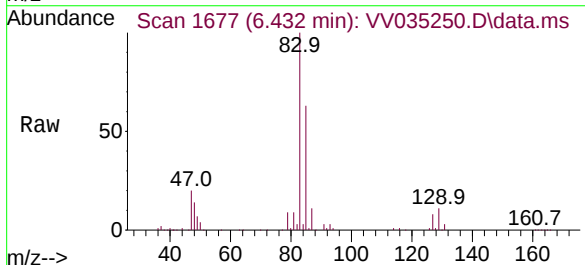
Instrument :
MSVOA_V
ClientSampleId :

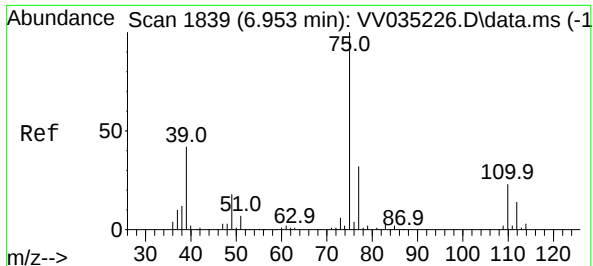
Tgt Ion: 63 Resp: 88964
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 5.332 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion: 83 Resp: 106151
Ion Ratio Lower Upper
83 100
85 63.2 43.8 81.4
127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.189 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

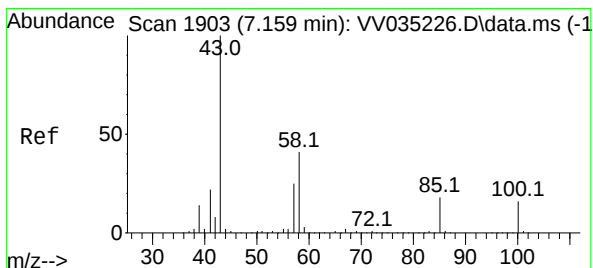
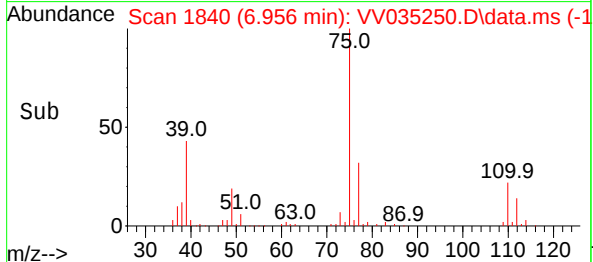
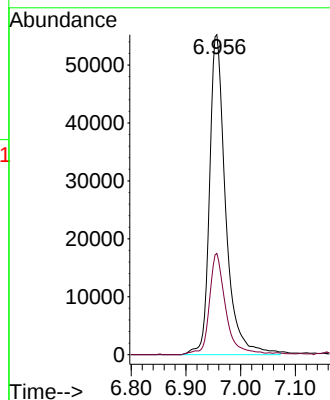
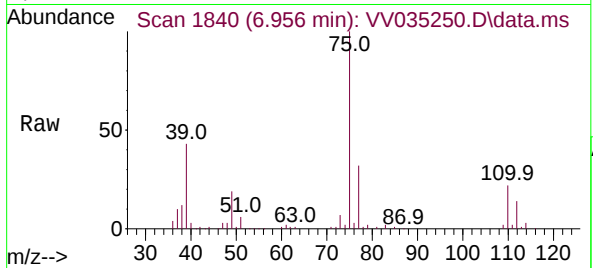
ClientSampleId :

Tgt Ion: 75 Resp: 112780

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.169 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

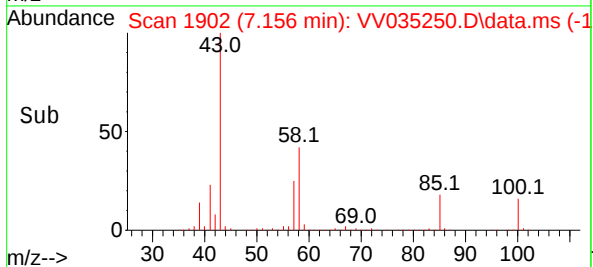
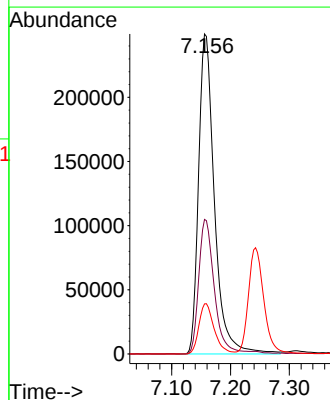
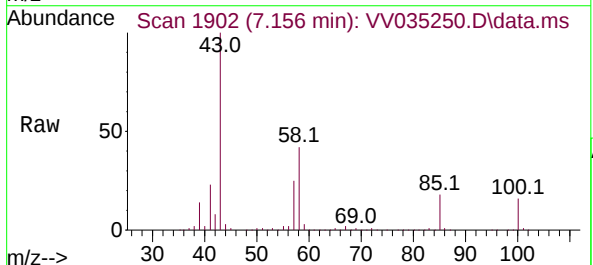
Tgt Ion: 43 Resp: 466673

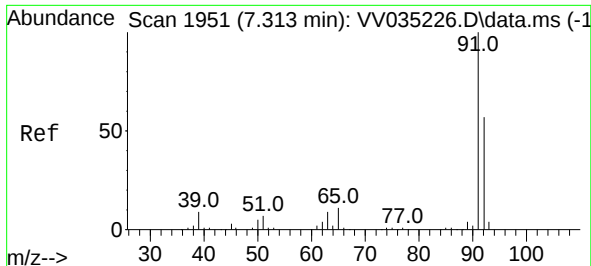
Ion Ratio Lower Upper

43 100

58 41.2 33.4 50.0

100 15.2 10.6 15.8





#42

Toluene

Concen: 5.618 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

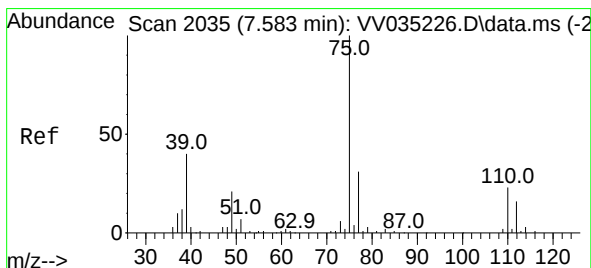
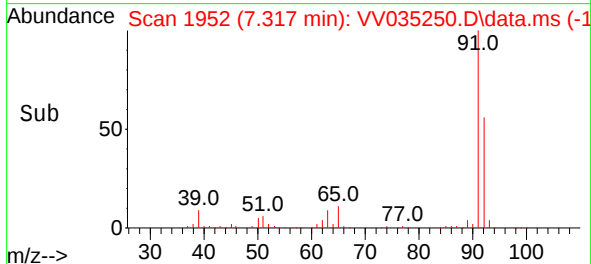
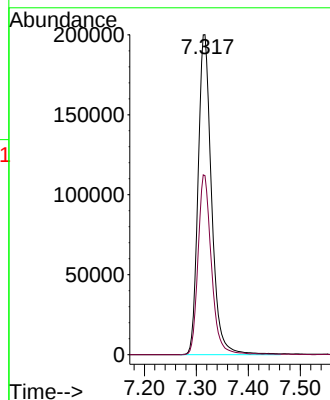
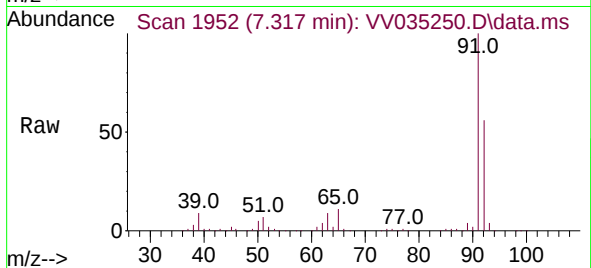
ClientSampleId :

Tgt Ion: 91 Resp: 360262

Ion Ratio Lower Upper

91 100

92 56.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.282 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV035250.D

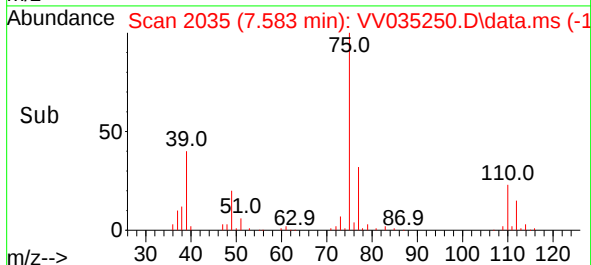
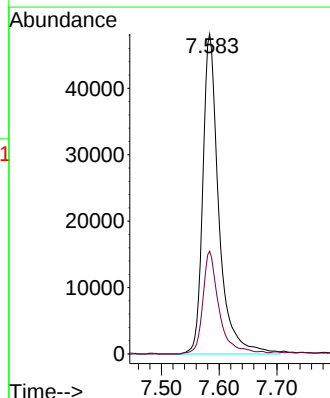
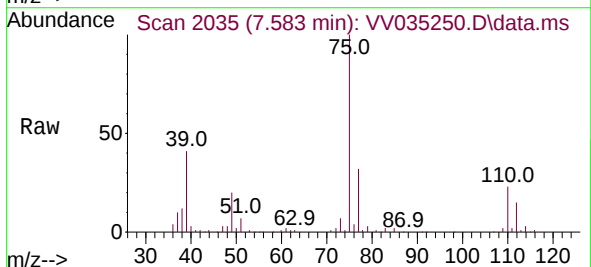
Acq: 16 Apr 2024 19:09

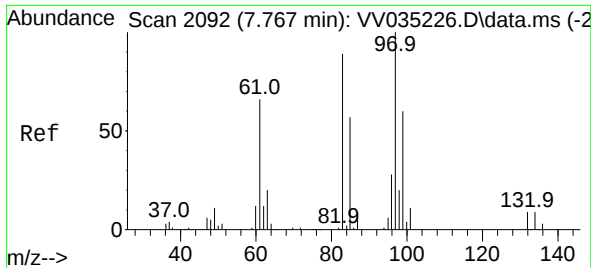
Tgt Ion: 75 Resp: 92818

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 5.380 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 61042

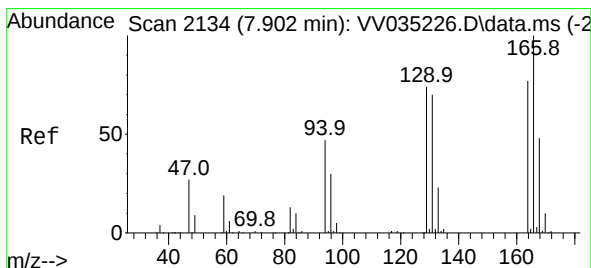
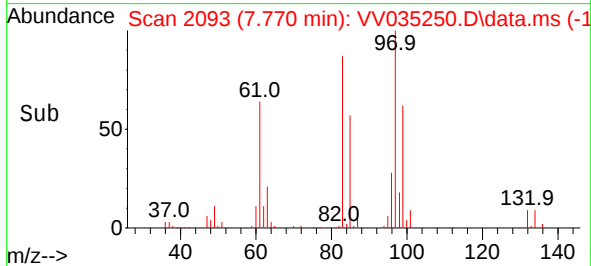
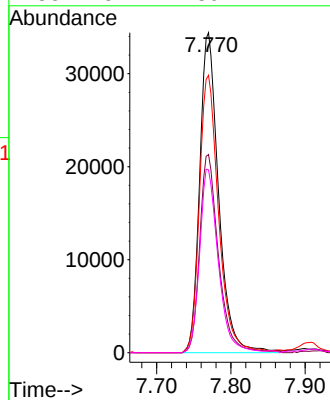
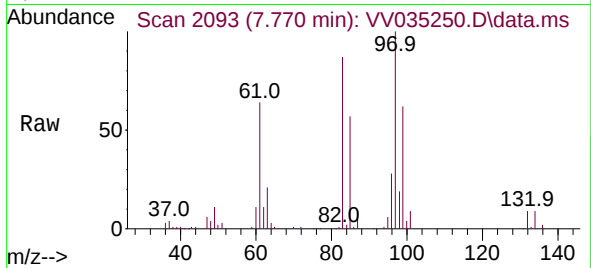
Ion Ratio Lower Upper

97 100

99 62.0 44.2 82.2

83 86.7 60.2 111.8

85 57.2 39.2 72.8



#47

Tetrachloroethene

Concen: 5.072 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Tgt Ion: 164 Resp: 65449

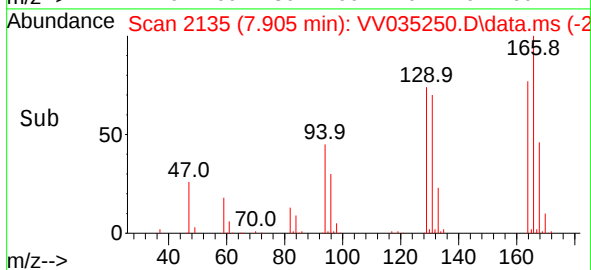
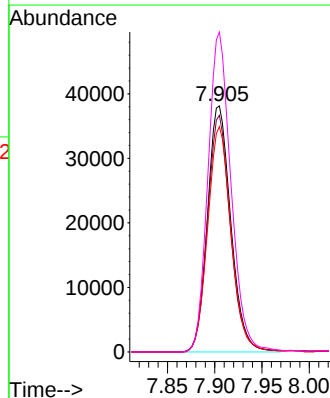
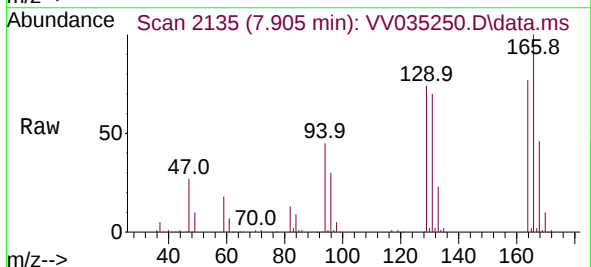
Ion Ratio Lower Upper

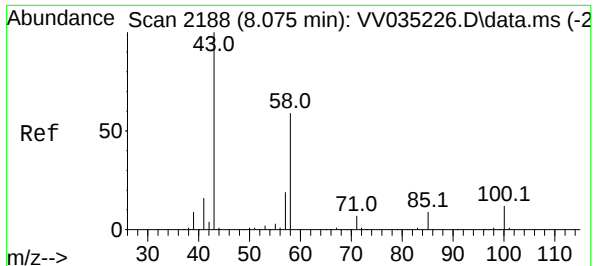
164 100

129 96.1 65.3 121.3

131 91.6 60.9 113.1

166 130.0 87.4 162.4



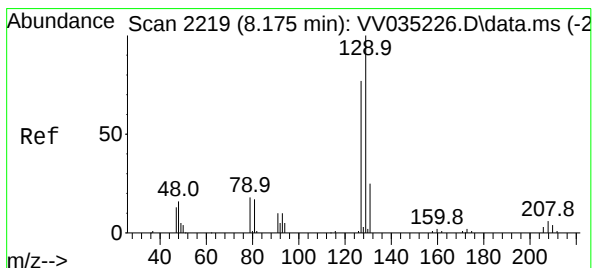
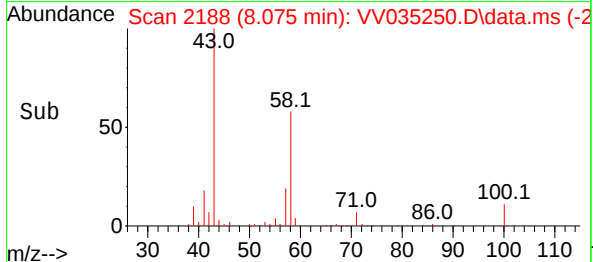
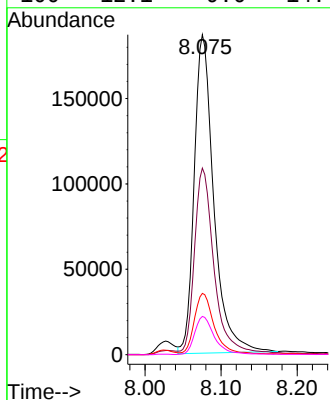
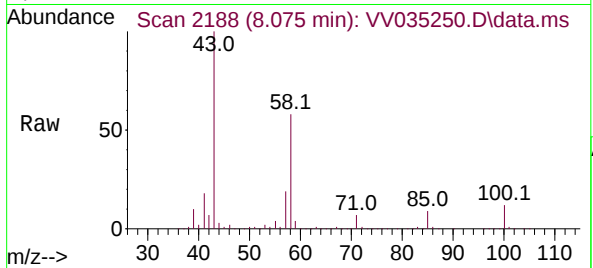


#48
2-Hexanone
Concen: 52.409 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 334012

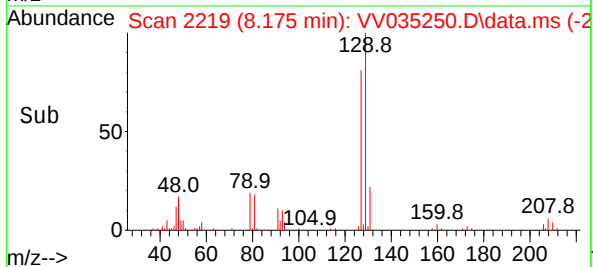
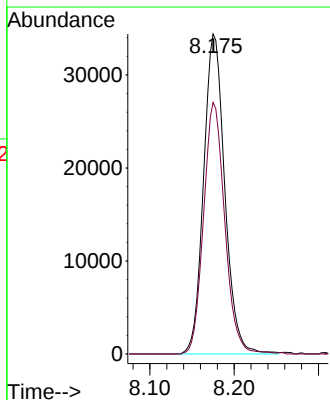
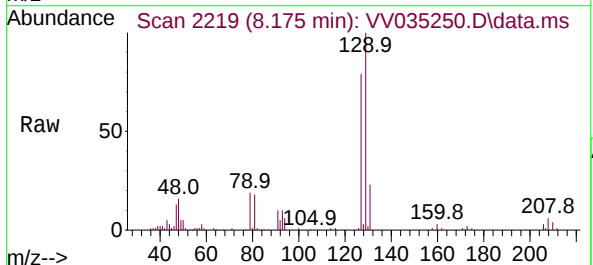
Ion	Ratio	Lower	Upper
43	100		
58	58.1	45.2	67.8
57	19.2	15.5	23.3
100	12.1	9.6	14.4

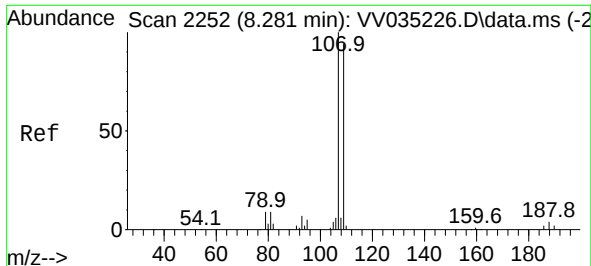


#49
Dibromochloromethane
Concen: 5.137 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion: 129 Resp: 60202

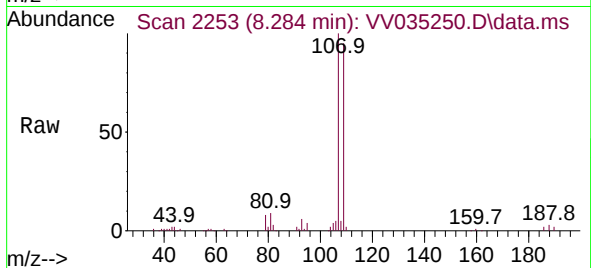
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.2	102.6



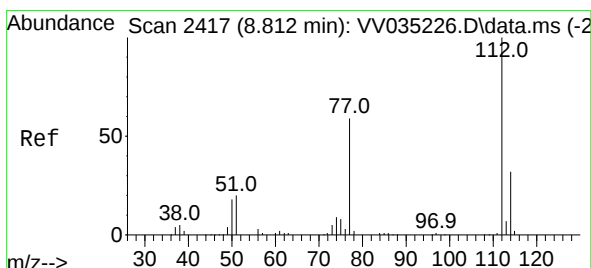
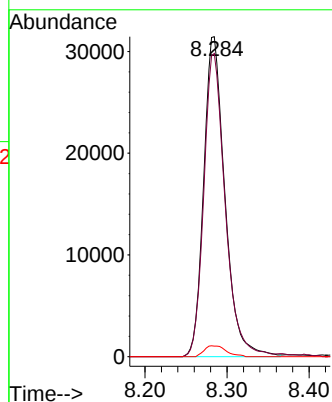
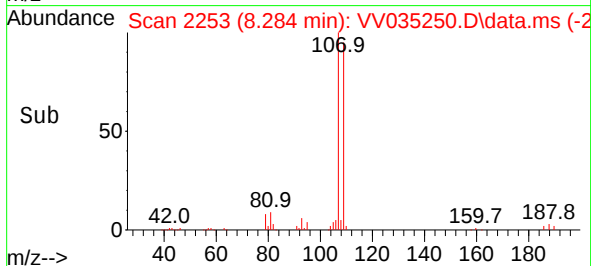


#50
1,2-Dibromoethane
Concen: 5.312 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Instrument :
MSVOA_V
ClientSampleId :

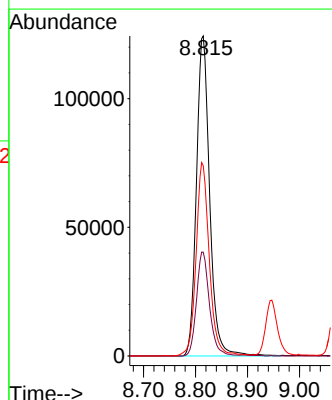
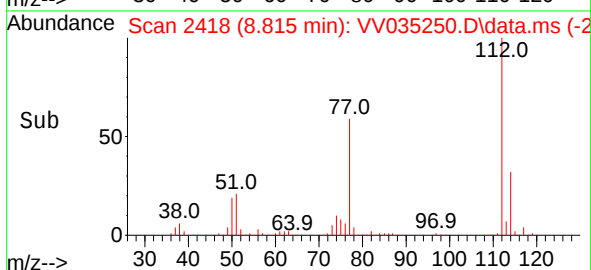
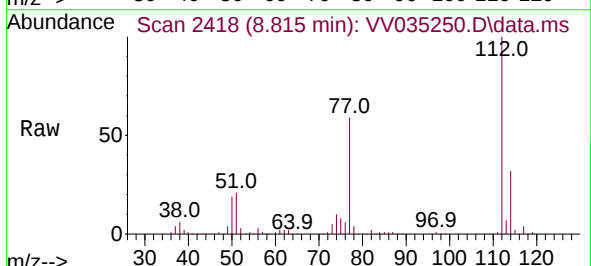


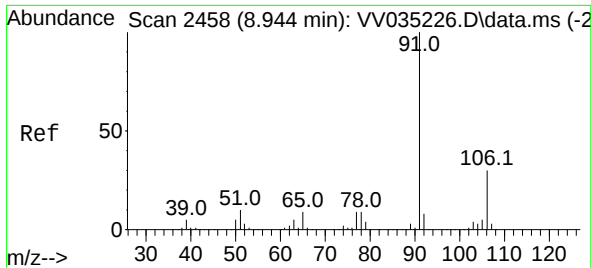
Tgt Ion:107 Resp: 56602
Ion Ratio Lower Upper
107 100
109 94.8 69.1 128.3
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 5.311 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion:112 Resp: 220432
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 59.5 49.0 73.6

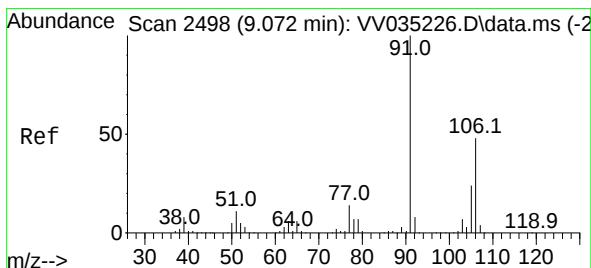
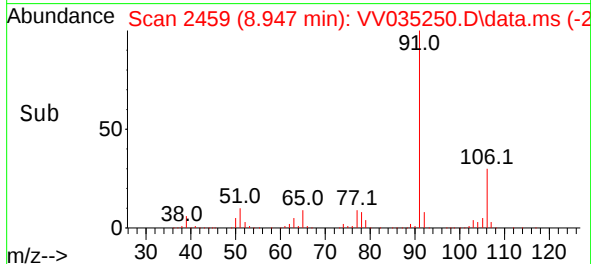
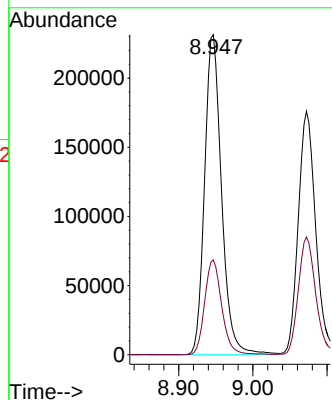
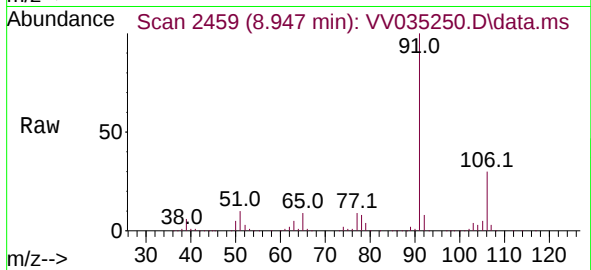




#52
Ethylbenzene
Concen: 5.339 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

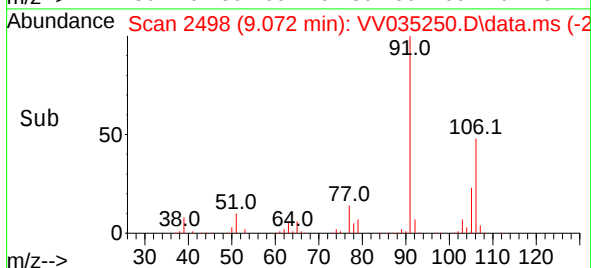
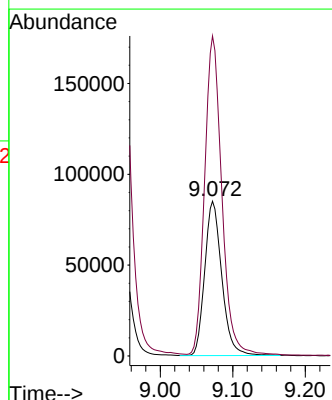
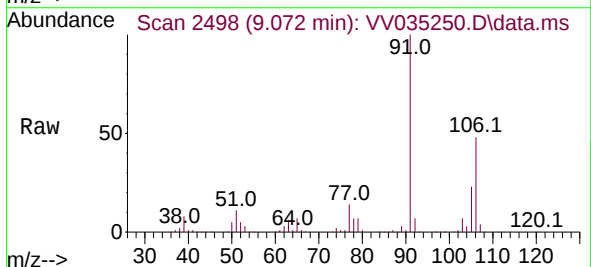
Instrument :
MSVOA_V
ClientSampleId :

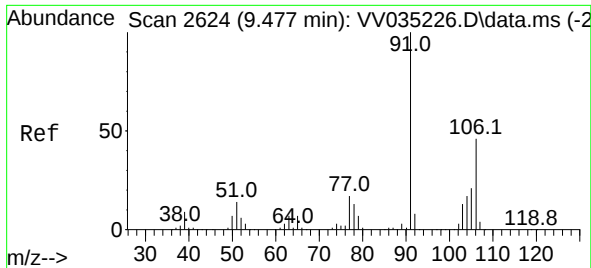
Tgt Ion: 91 Resp: 366892
Ion Ratio Lower Upper
91 100
106 29.6 21.3 39.5



#53
m,p-Xylene
Concen: 5.488 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion: 106 Resp: 138941
Ion Ratio Lower Upper
106 100
91 206.9 147.1 273.3

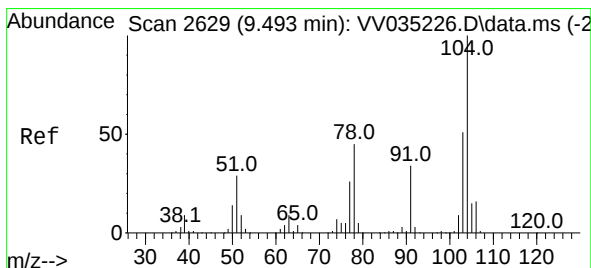
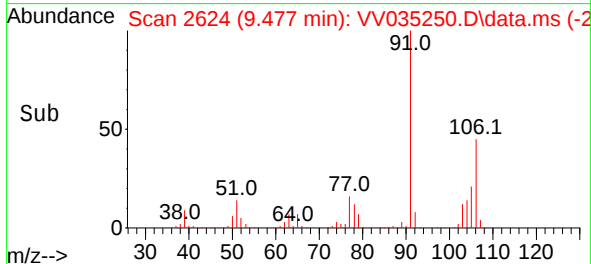
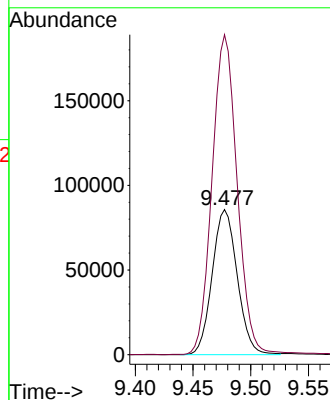
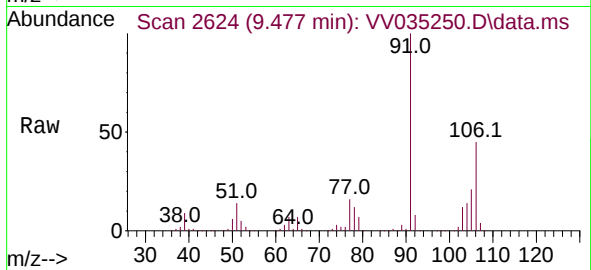




#54
o-Xylene
Concen: 5.302 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

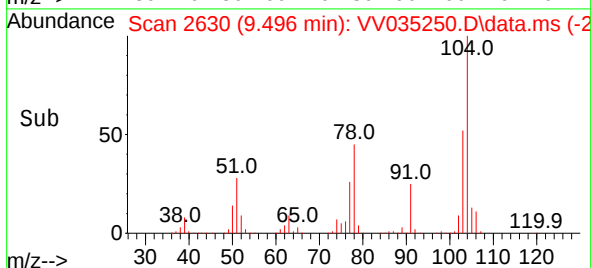
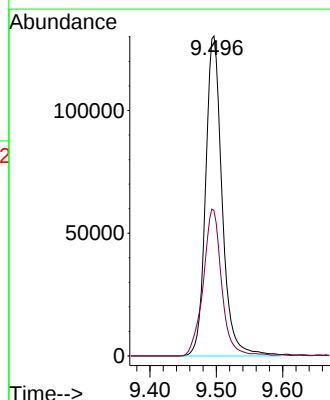
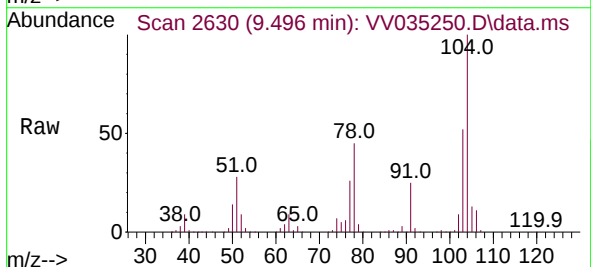
Instrument :
MSVOA_V
ClientSampleId :

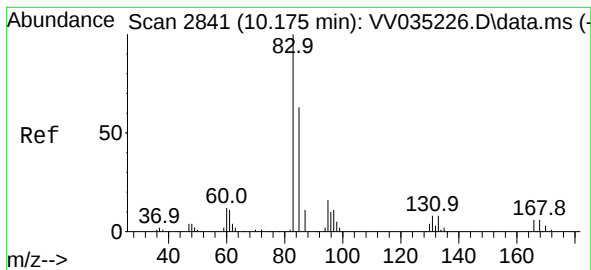
Tgt Ion:106 Resp: 129532
Ion Ratio Lower Upper
106 100
91 220.5 157.7 292.9



#55
Styrene
Concen: 5.507 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion:104 Resp: 226385
Ion Ratio Lower Upper
104 100
78 45.5 32.4 60.2

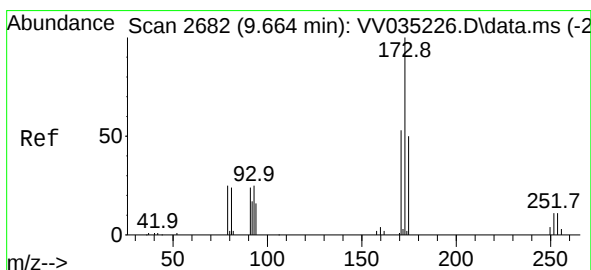
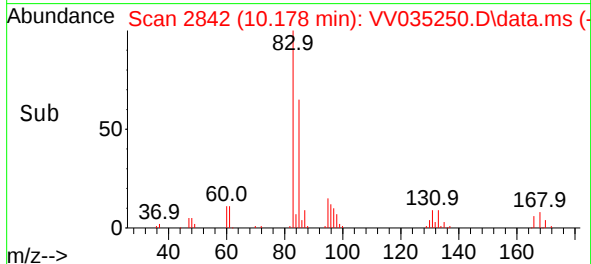
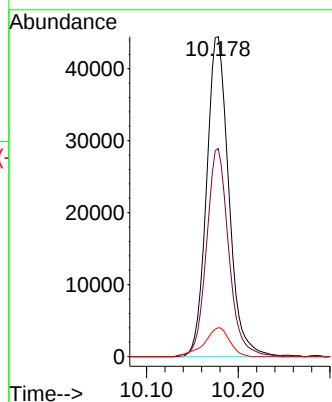
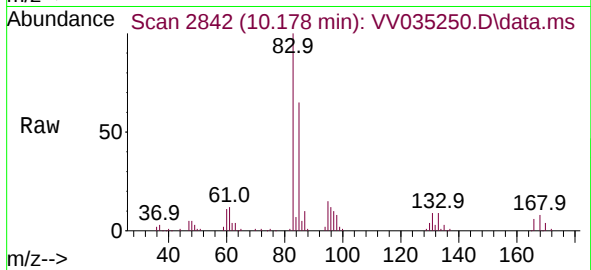




#57
1,1,2,2-Tetrachloroethane
Concen: 5.379 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

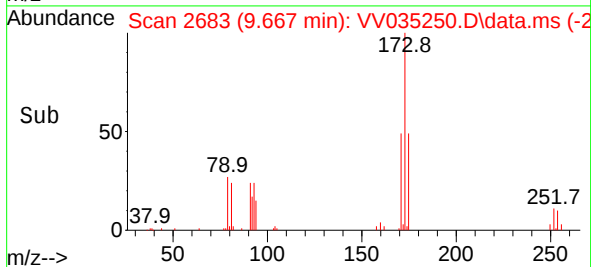
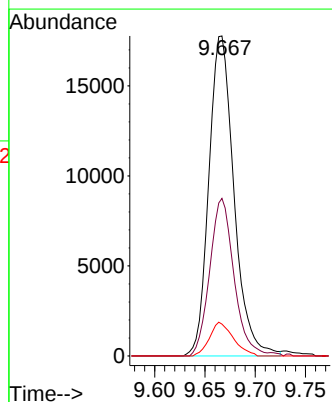
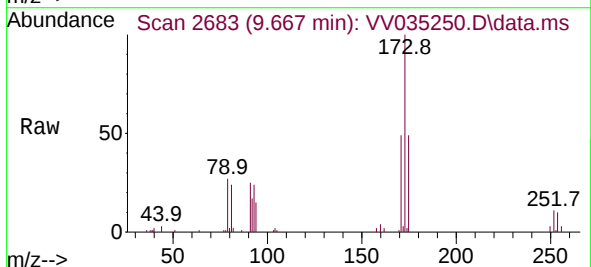
Instrument :
MSVOA_V
ClientSampleId :

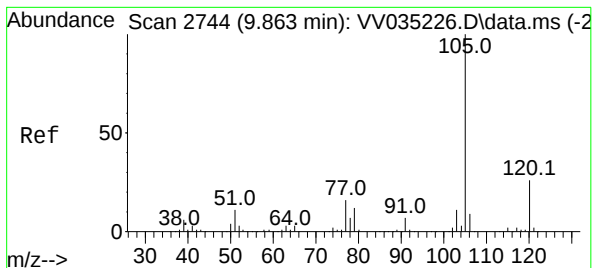
Tgt Ion: 83 Resp: 74789
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5
131 9.1 7.8 11.6



#59
Bromoform
Concen: 4.957 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion: 173 Resp: 30897
Ion Ratio Lower Upper
173 100
175 47.7 38.6 57.8
254 10.0 8.2 12.2





#60

Isopropylbenzene

Concen: 5.257 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

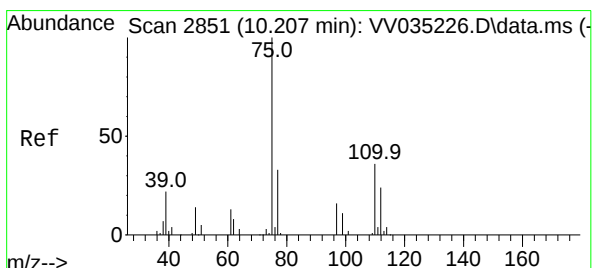
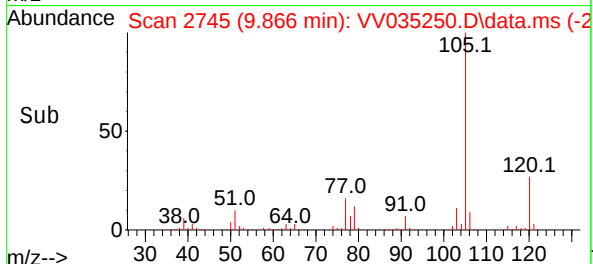
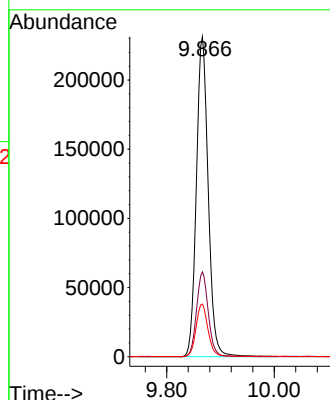
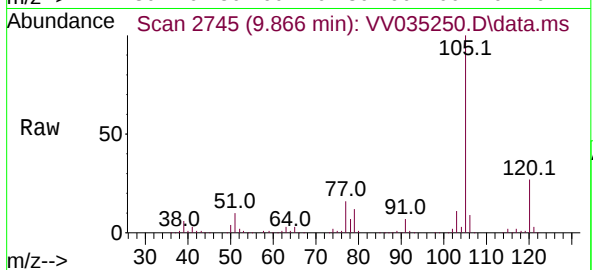
Tgt Ion:105 Resp: 353324

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 16.7 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 5.022 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

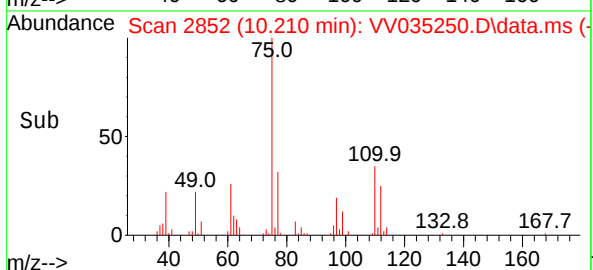
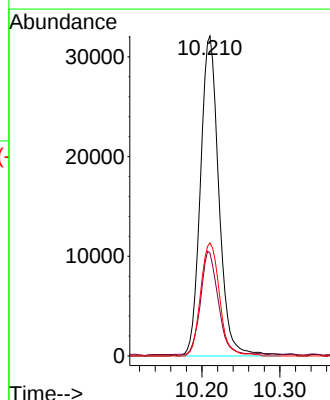
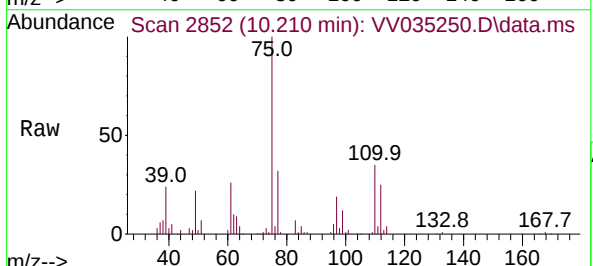
Tgt Ion: 75 Resp: 52752

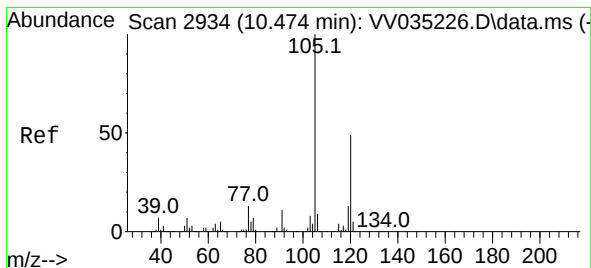
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

110 36.2 29.6 44.4

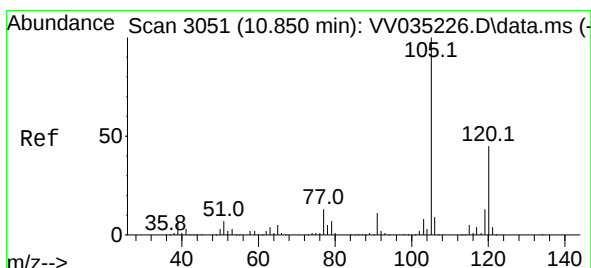
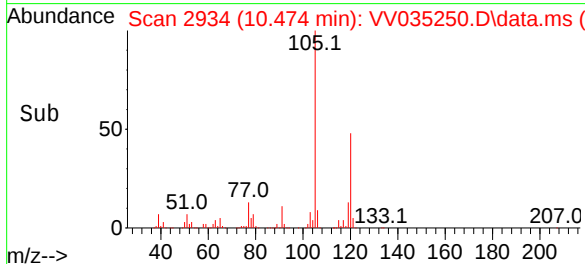
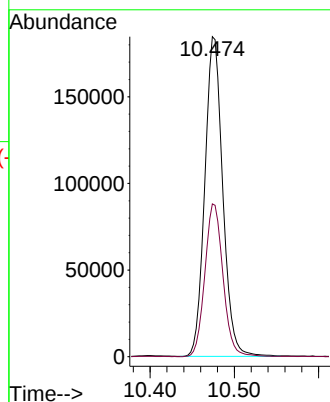
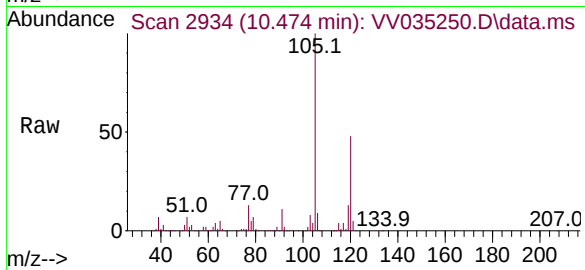




#62
1,3,5-Trimethylbenzene
Concen: 5.054 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

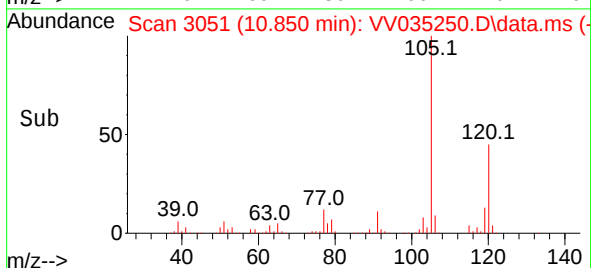
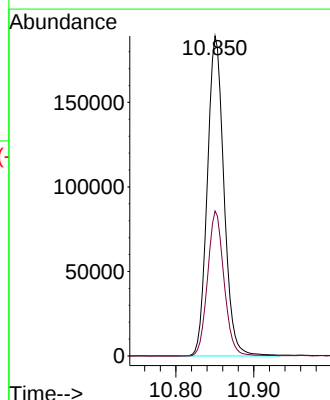
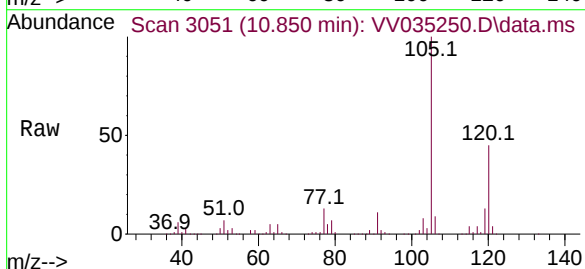
Instrument :
MSVOA_V
ClientSampleId :

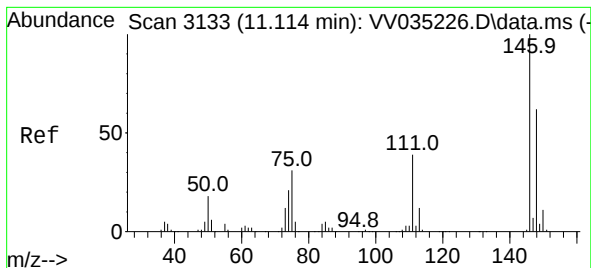
Tgt Ion:105 Resp: 274301
Ion Ratio Lower Upper
105 100
120 48.4 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.230 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV035250.D
Acq: 16 Apr 2024 19:09

Tgt Ion:105 Resp: 280466
Ion Ratio Lower Upper
105 100
120 44.8 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.198 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

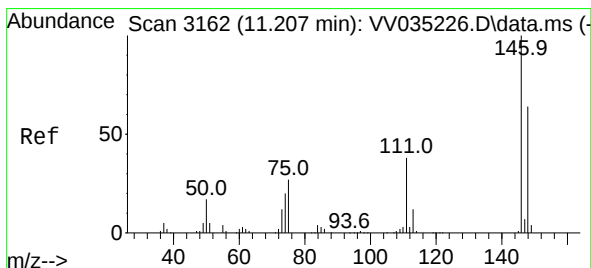
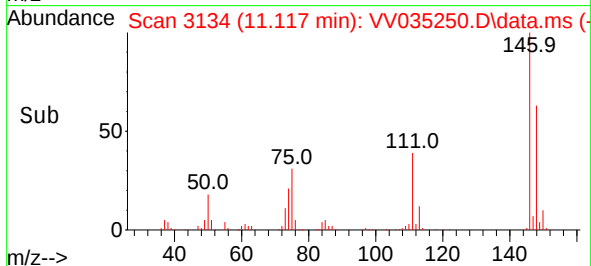
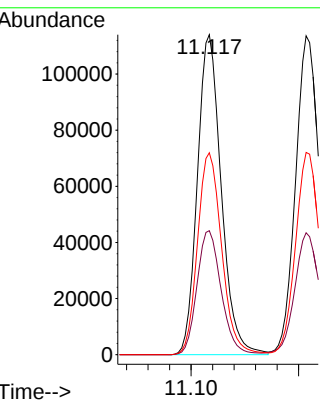
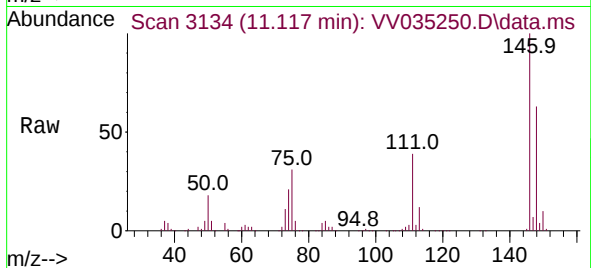
Tgt Ion:146 Resp: 175812

Ion Ratio Lower Upper

146 100

111 38.7 27.6 51.2

148 63.1 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.119 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

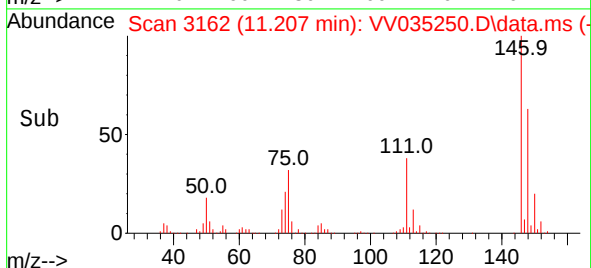
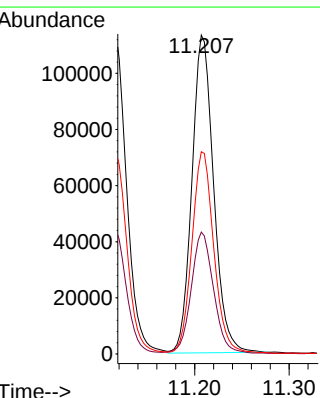
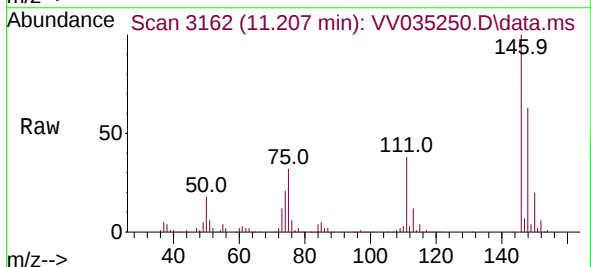
Tgt Ion:146 Resp: 180874

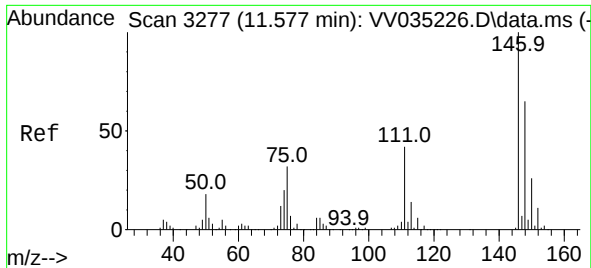
Ion Ratio Lower Upper

146 100

111 38.3 27.1 50.3

148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.246 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

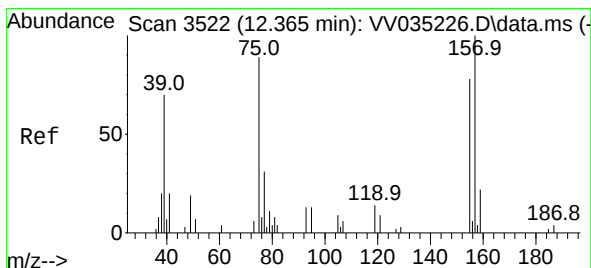
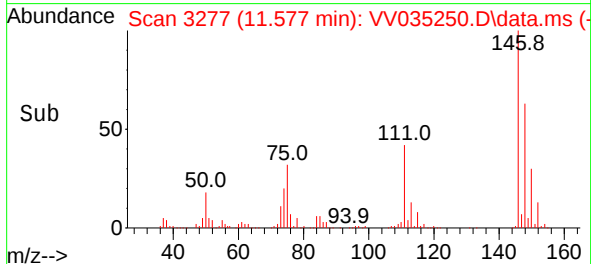
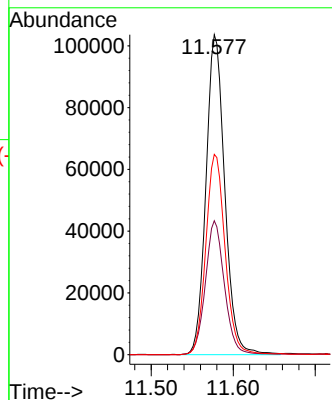
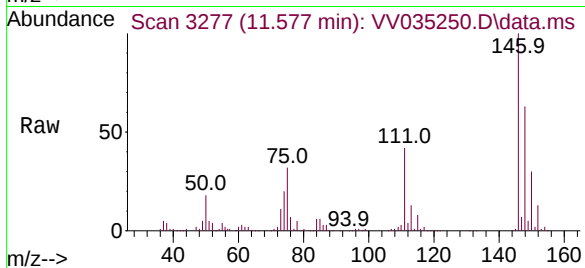
Tgt Ion:146 Resp: 164760

Ion Ratio Lower Upper

146 100

111 41.8 33.7 50.5

148 62.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.957 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

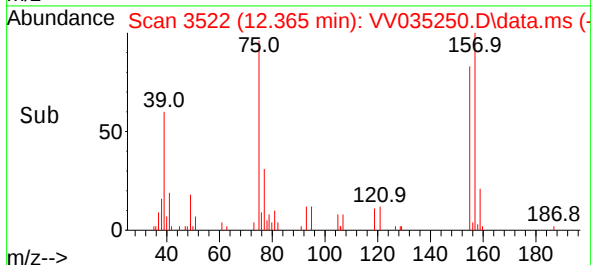
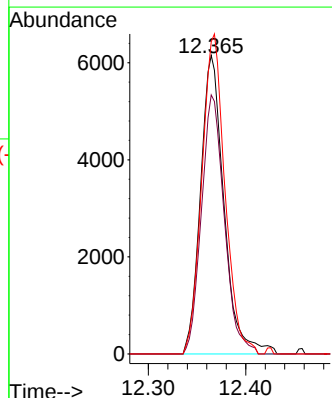
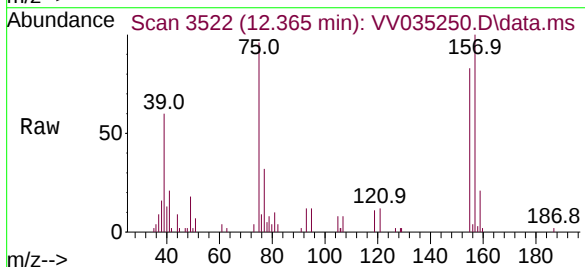
Tgt Ion: 75 Resp: 10279

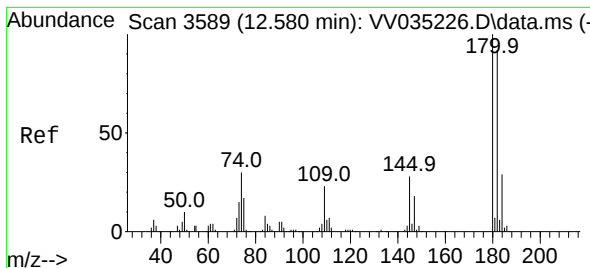
Ion Ratio Lower Upper

75 100

155 86.7 66.8 100.2

157 104.6 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.232 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

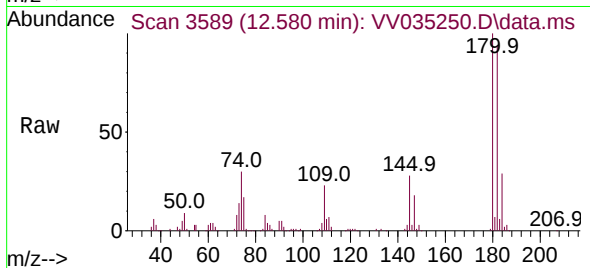
Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 134316

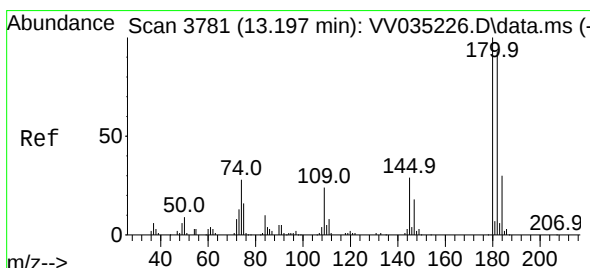
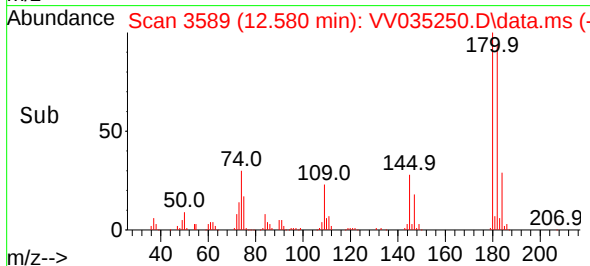
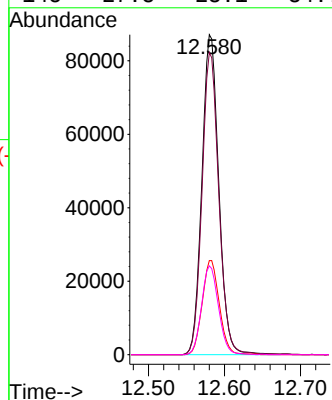
Ion Ratio Lower Upper

180 100

182 93.8 75.4 113.2

184 29.8 24.0 36.0

145 27.8 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.918 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

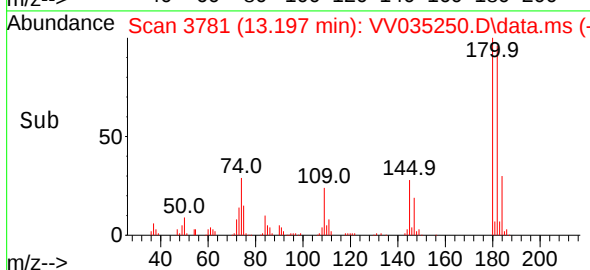
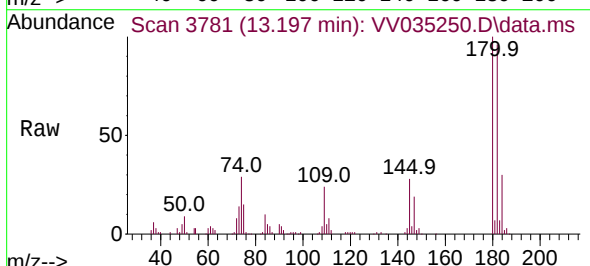
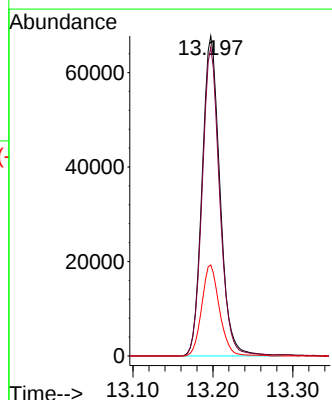
Tgt Ion:180 Resp: 105307

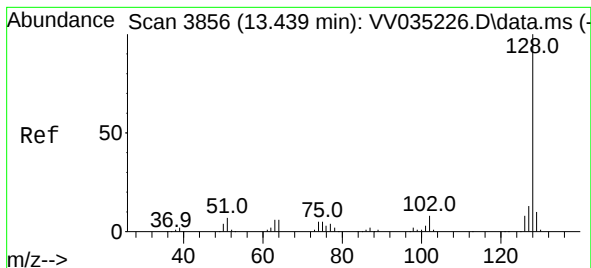
Ion Ratio Lower Upper

180 100

182 94.6 76.9 115.3

145 28.3 23.5 35.3





#71

Naphthalene

Concen: 4.910 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

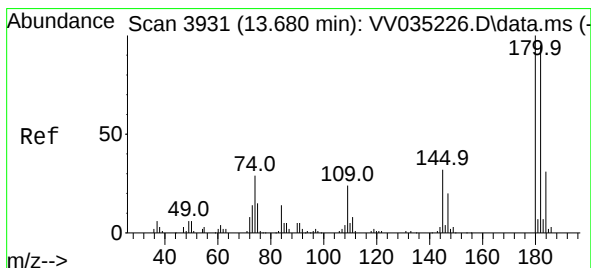
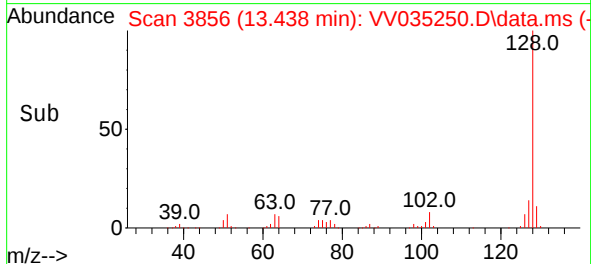
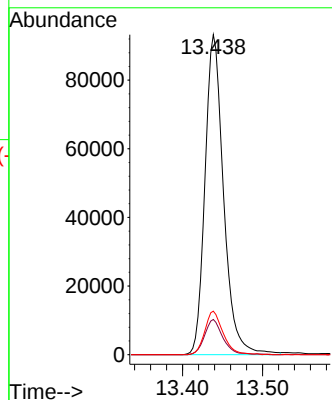
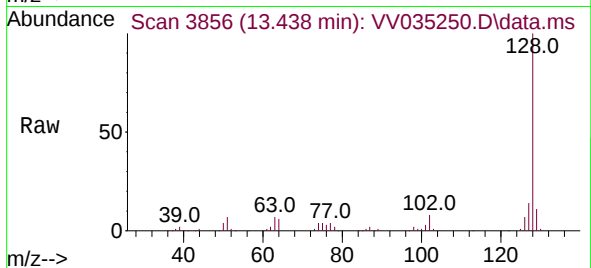
Tgt Ion:128 Resp: 151083

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.4 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.073 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035250.D

Acq: 16 Apr 2024 19:09

Tgt Ion:180 Resp: 96446

Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 30.6 25.3 37.9

