

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035808.D
 Acq On : 25 May 2024 19:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 01:47:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	488422	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	510625	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	282384	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	191583	25.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
7) Chloroethane-d5	1.526	69	154034	25.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	2.050	65	82109	24.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.280%
21) 2-Butanone-d5	3.841	46	44819	20.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.840%
24) Chloroform-d	4.246	84	362124	24.939	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	4.937	65	184739	25.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.960%
32) Benzene-d6	4.953	84	695398	24.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	5.985	67	210116	24.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.440%
41) Toluene-d8	7.239	98	644385	25.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.551	79	87351	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	8.030	63	59252	38.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	179844	21.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	233999	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	173620	17.484	ug/L	99
3) Chloromethane	1.211	50	180042	18.059	ug/L	100
5) Vinyl chloride	1.275	62	196409	19.069	ug/L	100
6) Bromomethane	1.481	94	127151	19.496	ug/L	99
8) Chloroethane	1.545	64	133738	21.063	ug/L	99
9) Trichlorofluoromethane	1.706	101	281327	20.926	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	185391	21.856	ug/L	99
12) 1,1-Dichloroethene	2.063	96	162923	21.264	ug/L	94
13) Acetone	2.384	43	92076	29.360	ug/L	70
14) Carbon disulfide	2.230	76	400768	16.514	ug/L	100
15) Methyl Acetate	2.384	43	97454	20.510	ug/L	# 89
16) Methylene chloride	2.439	84	231530	20.557	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	179358	21.087	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	522830	25.482	ug/L	99
19) 1,1-Dichloroethane	3.105	63	394206	24.721	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	206322	22.376	ug/L	100
22) 2-Butanone	3.912	43	84465	29.002	ug/L	78
23) Bromochloromethane	4.143	128	110405	24.756	ug/L	98
25) Chloroform	4.269	83	426293	25.889	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035808.D
 Acq On : 25 May 2024 19:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

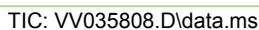
Quant Time: May 27 01:47:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

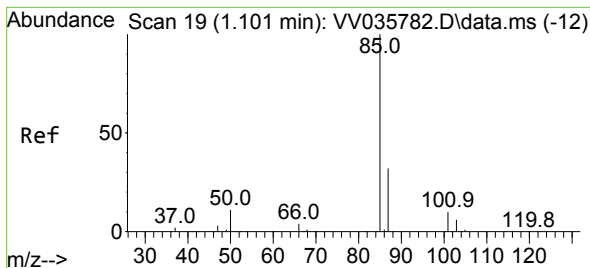
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	272283	26.555	ug/L	100
29) Cyclohexane	4.577	56	216248	17.710	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	336710	23.782	ug/L	99
31) Carbon tetrachloride	4.728	117	281757	22.681	ug/L	100
33) Benzene	5.005	78	810793	23.992	ug/L	100
34) Trichloroethene	5.828	95	227554	23.804	ug/L	98
35) Methylcyclohexane	6.047	83	268445	18.497	ug/L	97
37) 1,2-Dichloropropane	6.088	63	233400	26.471	ug/L	100
38) Bromodichloromethane	6.429	83	311061	26.042	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	321907	23.342	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	276046	52.276	ug/L	97
42) Toluene	7.313	91	877323	24.531	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	297671	24.674	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	200886	26.814	ug/L	99
46) Tetrachloroethene	7.902	164	166307	21.414	ug/L	98
48) 2-Hexanone	8.079	43	180843	45.676	ug/L	99
49) Dibromochloromethane	8.175	129	225387	26.662	ug/L	99
50) 1,2-Dibromoethane	8.281	107	187406	25.392	ug/L	99
51) Chlorobenzene	8.812	112	598678	24.125	ug/L	99
52) Ethylbenzene	8.944	91	948878	24.030	ug/L	99
53) m,p-Xylene	9.072	106	359955	24.027	ug/L	98
54) o-Xylene	9.477	106	351554	24.759	ug/L	100
55) Styrene	9.493	104	672502	27.155	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	214219	23.474	ug/L	99
59) Bromoform	9.664	173	151938	27.379	ug/L	99
60) Isopropylbenzene	9.866	105	952605	25.325	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	183888	27.790	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	764709	25.915	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	790445	26.067	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	504343	25.549	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	524930	25.686	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	487169	26.217	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	40335	26.283	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	360798	23.389	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	289072	22.442	ug/L	99
71) Naphthalene	13.439	128	504948	22.330	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	294101	25.380	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :

Instrument :
MSVOA_V
ClientSampleId :

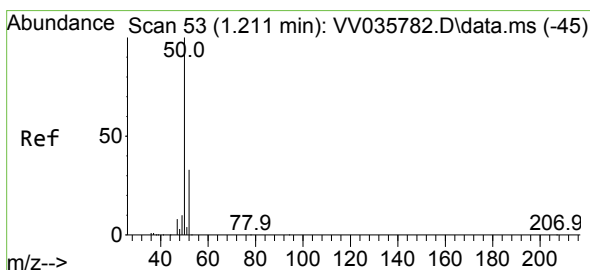
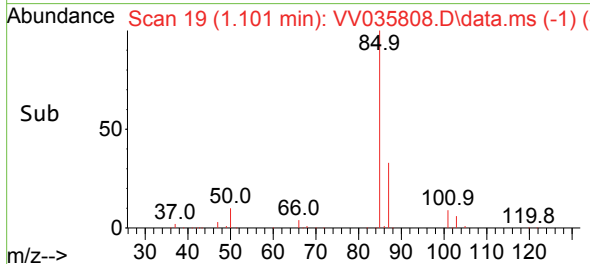
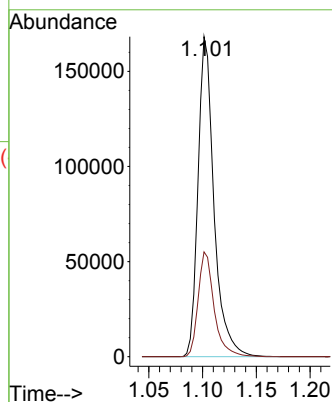
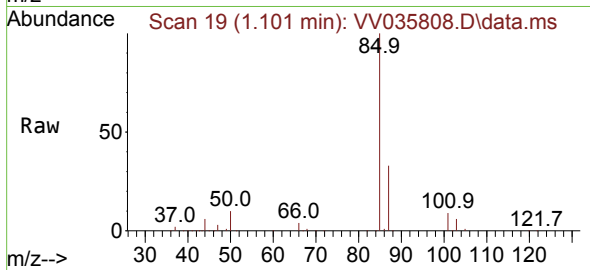




#2
Dichlorodifluoromethane
Concen: 17.484 ug/L
RT: 1.101 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

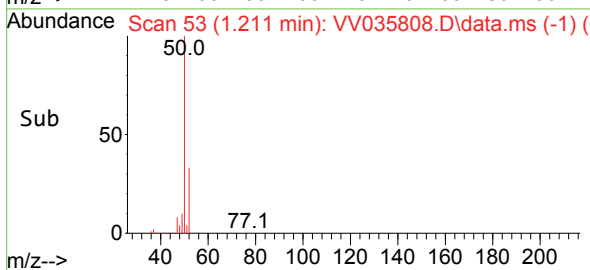
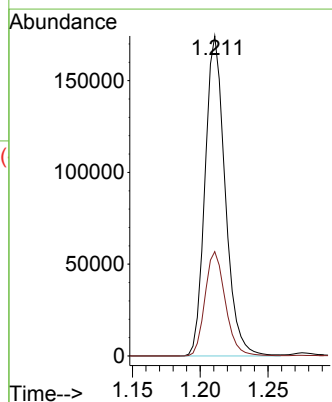
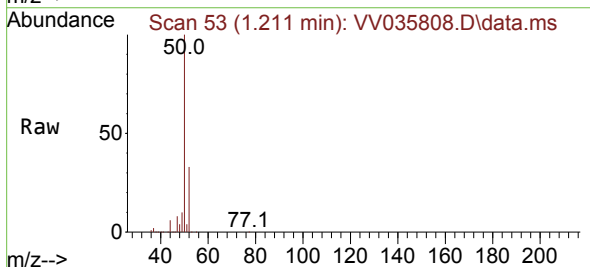
Instrument :
MSVOA_V
ClientSampleId :

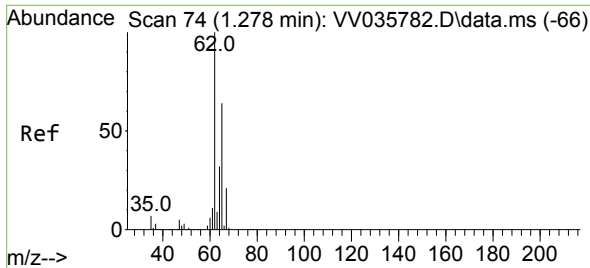
Tgt Ion: 85 Resp: 173620
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 18.059 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

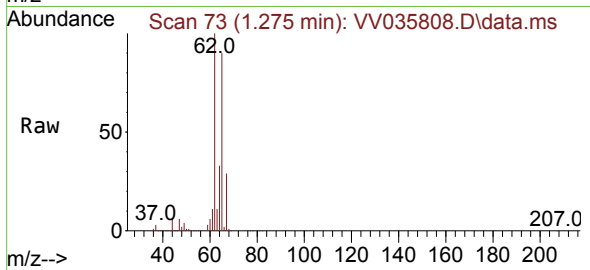
Tgt Ion: 50 Resp: 180042
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1



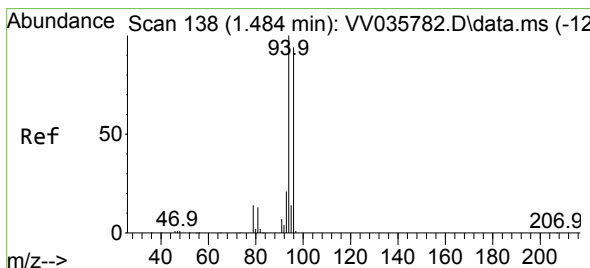
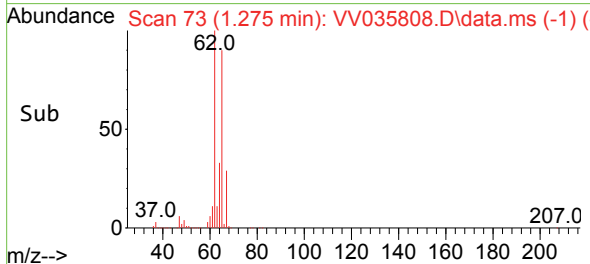
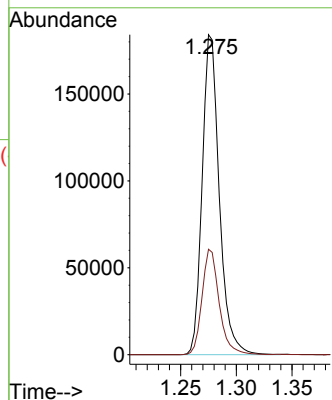


#5
 Vinyl chloride
 Concen: 19.069 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV035808.D
 Acq: 25 May 2024 19:31

Instrument :
 MSVOA_V
 ClientSampleId :

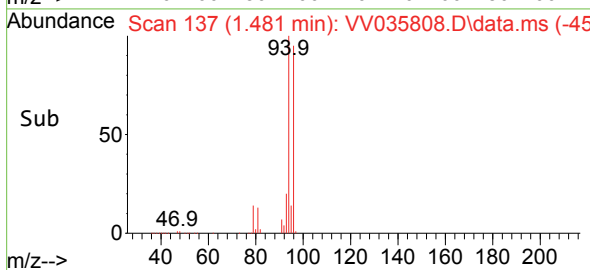
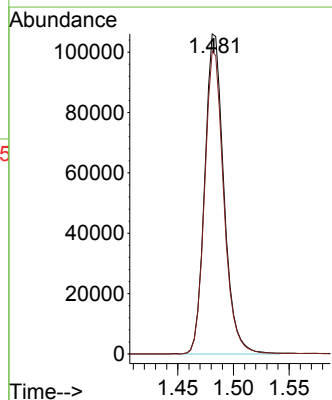
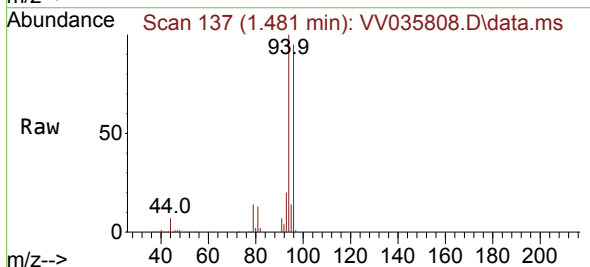


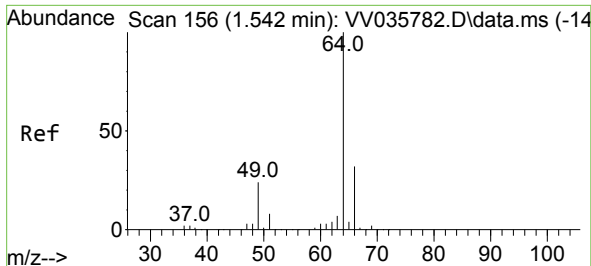
Tgt Ion: 62 Resp: 196409
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 19.496 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV035808.D
 Acq: 25 May 2024 19:31

Tgt Ion: 94 Resp: 127151
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.2 121.0





#8

Chloroethane

Concen: 21.063 ug/L

RT: 1.545 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

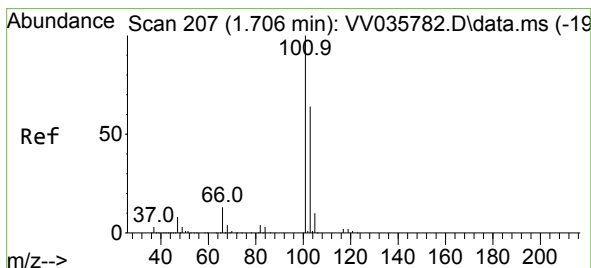
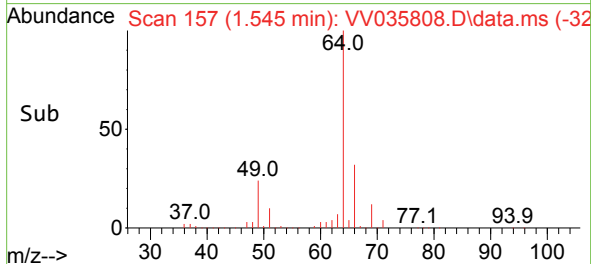
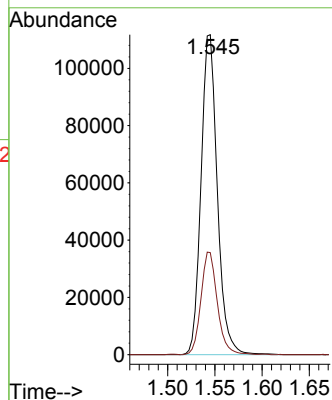
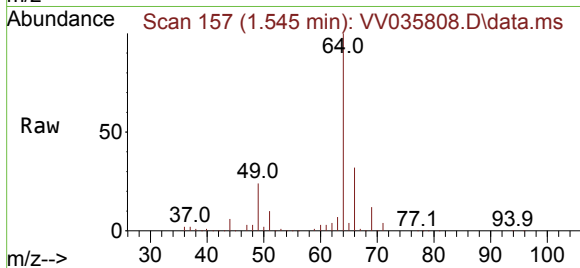
ClientSampleId :

Tgt Ion: 64 Resp: 133738

Ion Ratio Lower Upper

64 100

66 31.9 22.0 40.8



#9

Trichlorofluoromethane

Concen: 20.926 ug/L

RT: 1.706 min Scan# 207

Delta R.T. 0.000 min

Lab File: VV035808.D

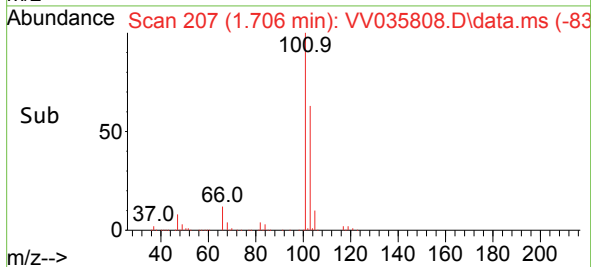
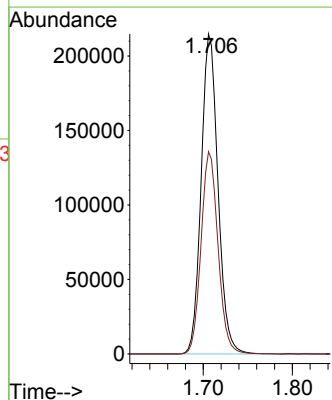
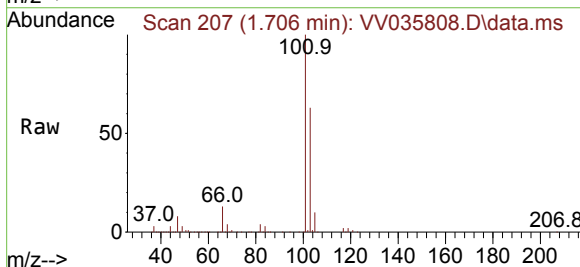
Acq: 25 May 2024 19:31

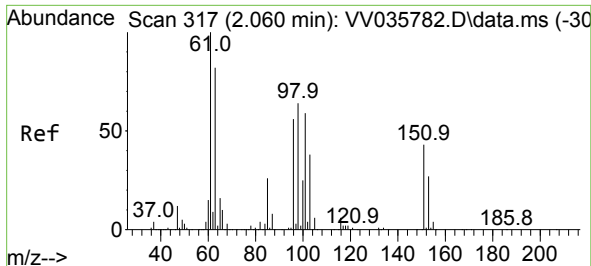
Tgt Ion:101 Resp: 281327

Ion Ratio Lower Upper

101 100

103 63.8 51.5 77.3

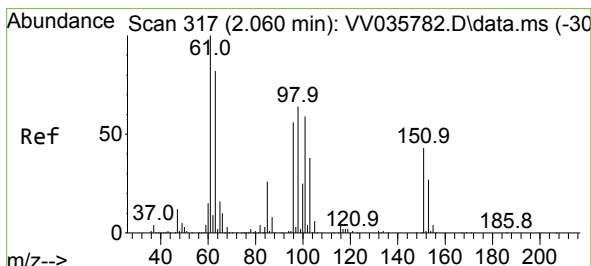
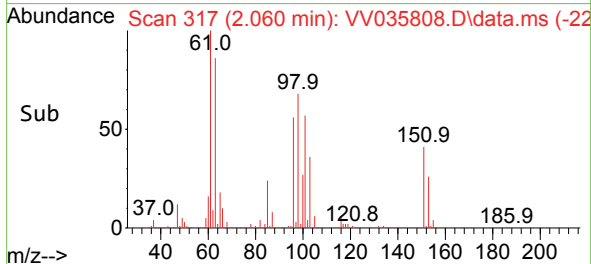
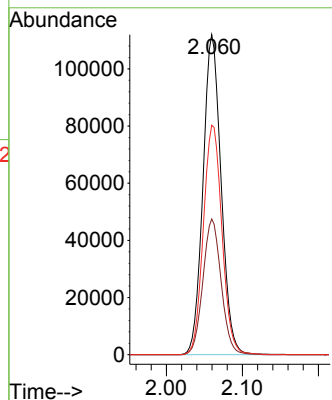
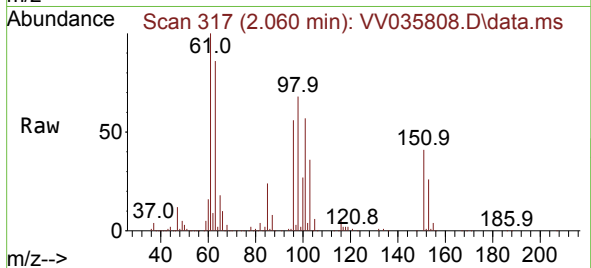




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.856 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

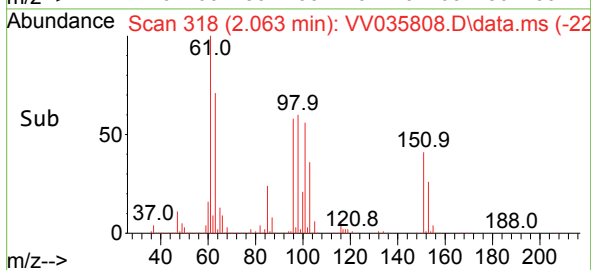
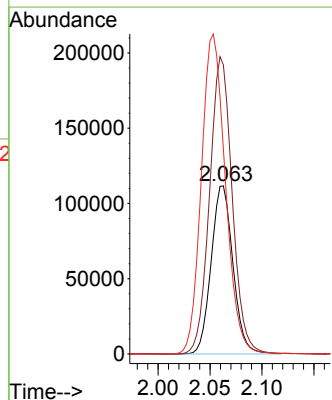
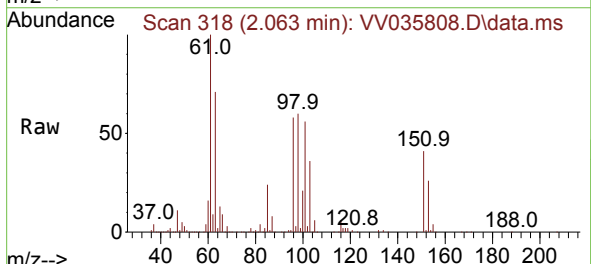
Instrument :
MSVOA_V
ClientSampleId :

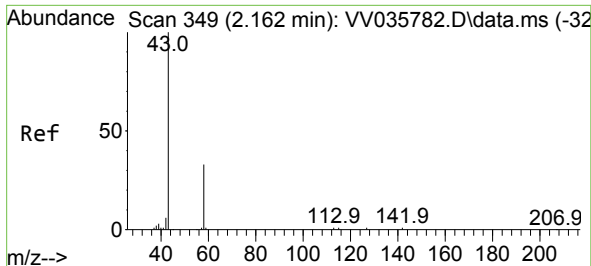
Tgt Ion:101 Resp: 185391
Ion Ratio Lower Upper
101 100
85 42.7 34.2 51.4
151 73.5 59.5 89.3



#12
1,1-Dichloroethene
Concen: 21.264 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

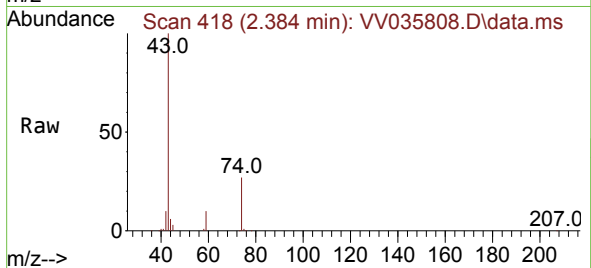
Tgt Ion: 96 Resp: 162923
Ion Ratio Lower Upper
96 100
61 172.0 119.8 222.4
63 121.9 75.6 140.4



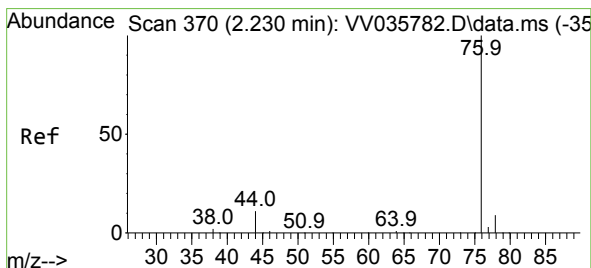
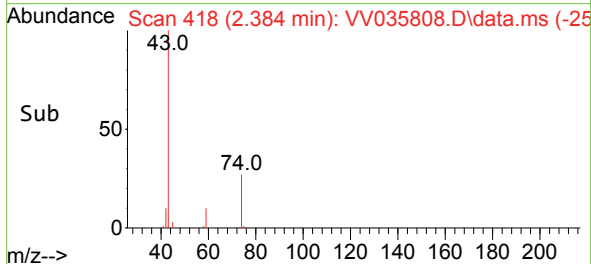
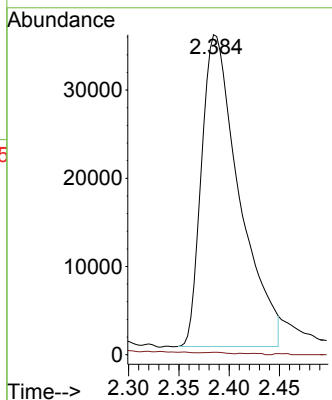


#13
Acetone
Concen: 29.360 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.222 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Instrument :
MSVOA_V
ClientSampleId :

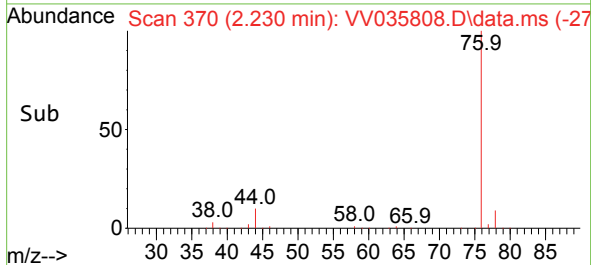
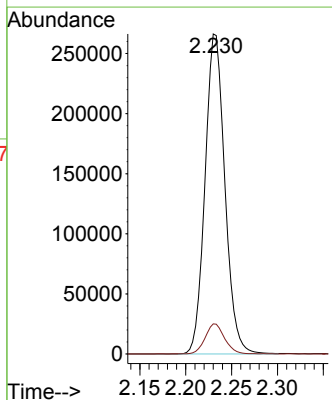
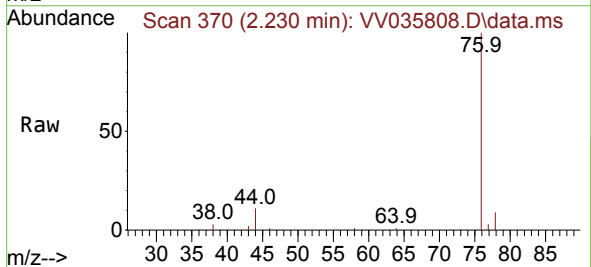


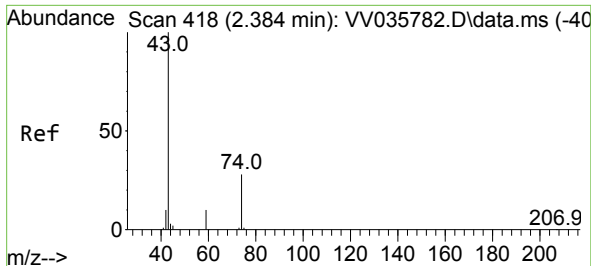
Tgt Ion: 43 Resp: 92076
Ion Ratio Lower Upper
43 100
58 0.0 0.0 22.8



#14
Carbon disulfide
Concen: 16.514 ug/L
RT: 2.230 min Scan# 370
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 76 Resp: 400768
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

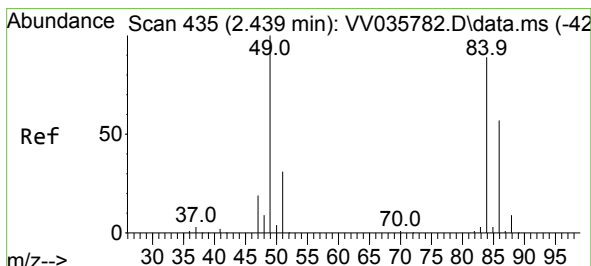
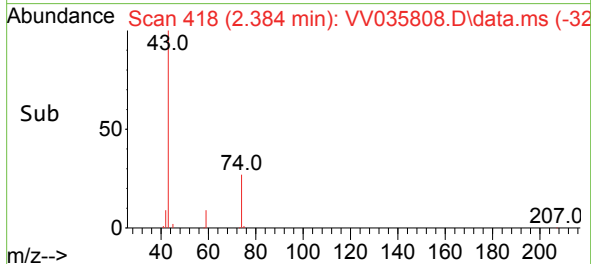
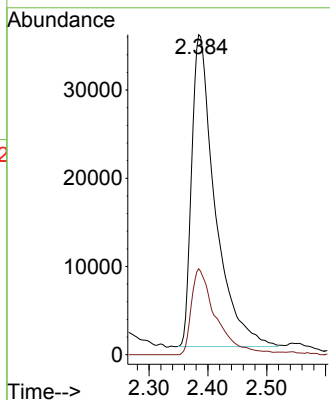
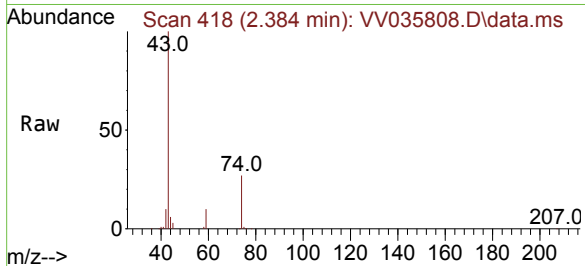




#15
Methyl Acetate
Concen: 20.510 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

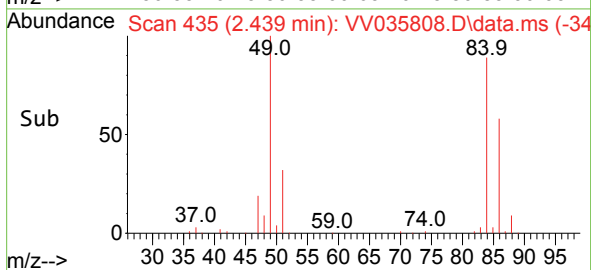
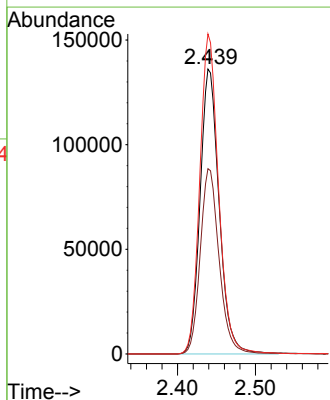
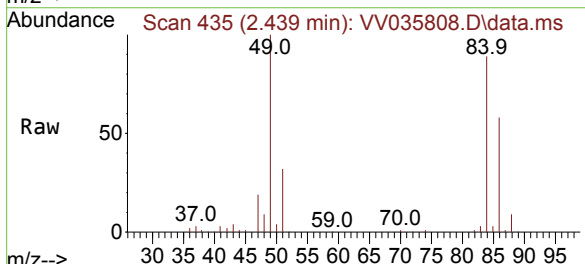
Instrument :
MSVOA_V
ClientSampleId :

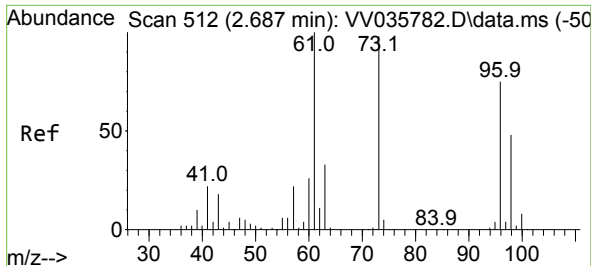
Tgt Ion: 43 Resp: 97454
Ion Ratio Lower Upper
43 100
74 28.7 18.6 27.8#



#16
Methylene chloride
Concen: 20.557 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 84 Resp: 231530
Ion Ratio Lower Upper
84 100
86 65.1 43.8 81.3
49 112.3 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 21.087 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

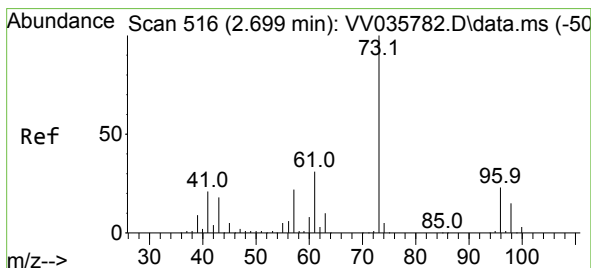
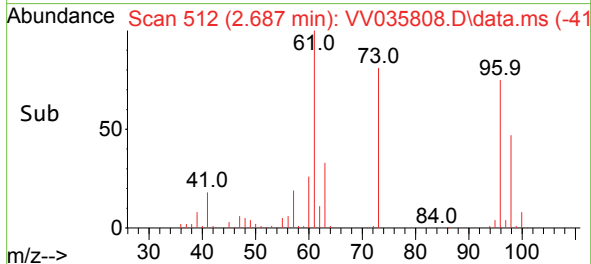
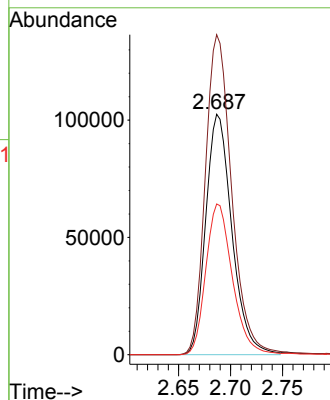
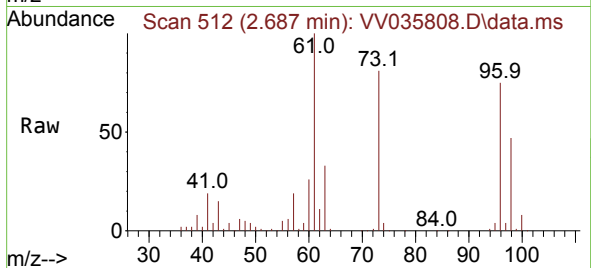
Tgt Ion: 96 Resp: 179358

Ion Ratio Lower Upper

96 100

61 133.1 95.5 177.4

98 62.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 25.482 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

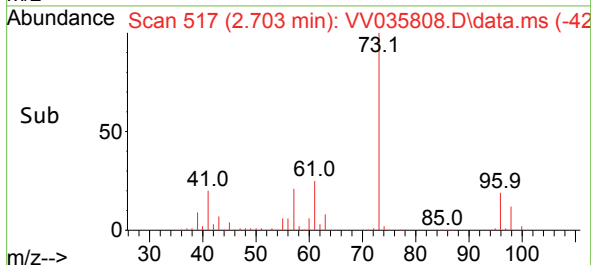
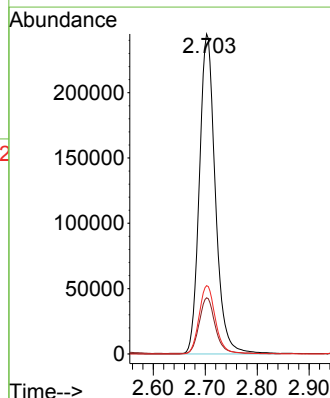
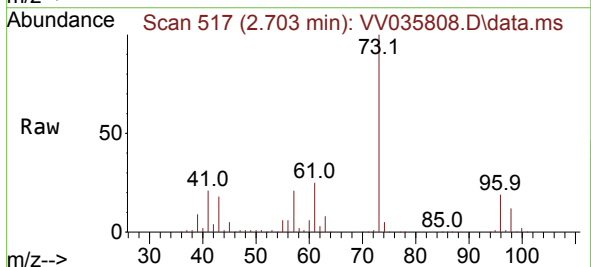
Tgt Ion: 73 Resp: 522830

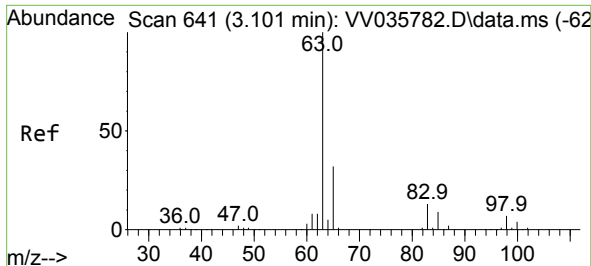
Ion Ratio Lower Upper

73 100

43 17.1 13.3 19.9

57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 24.721 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

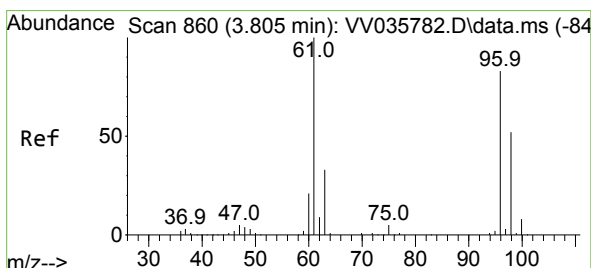
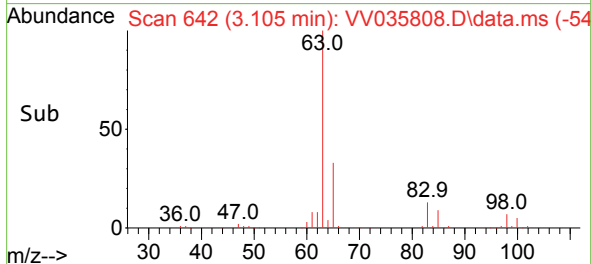
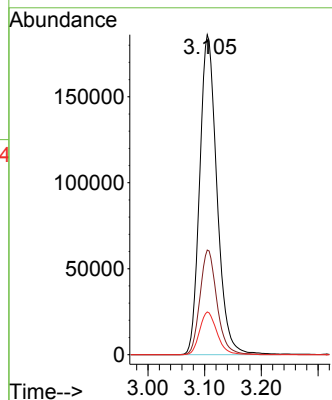
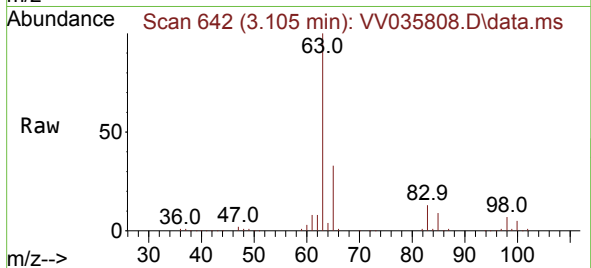
Tgt Ion: 63 Resp: 394206

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.3

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.376 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

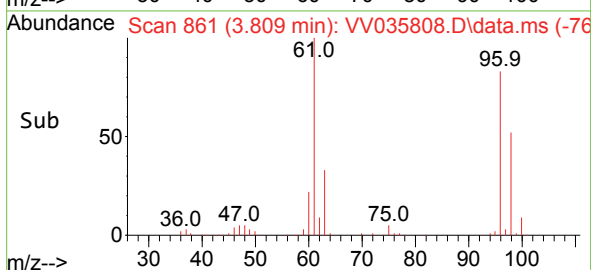
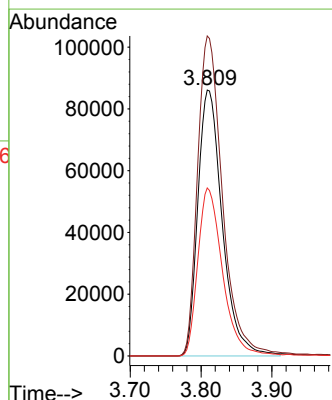
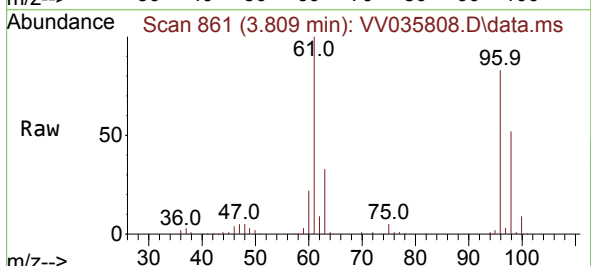
Tgt Ion: 96 Resp: 206322

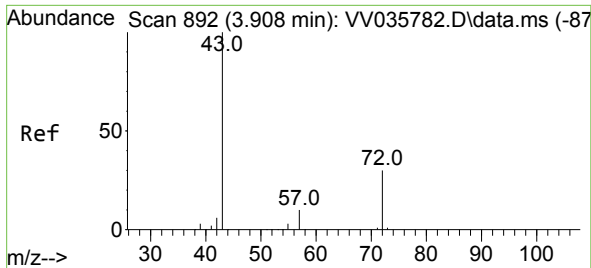
Ion Ratio Lower Upper

96 100

61 120.4 83.9 155.9

98 63.2 44.0 81.8

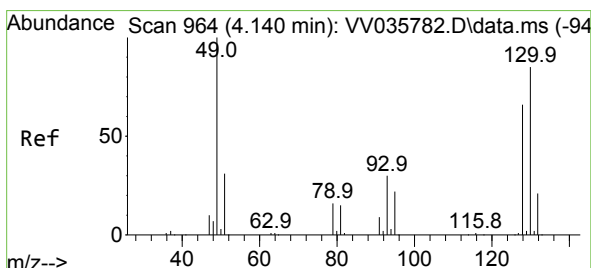
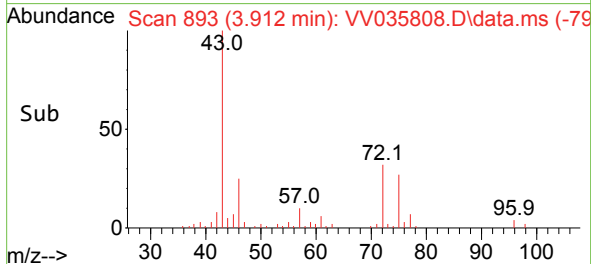
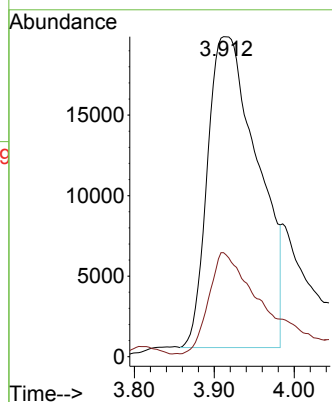
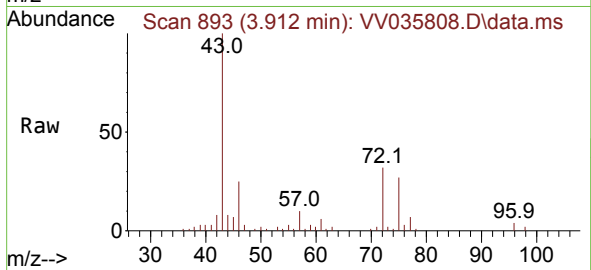




#22
2-Butanone
Concen: 29.002 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

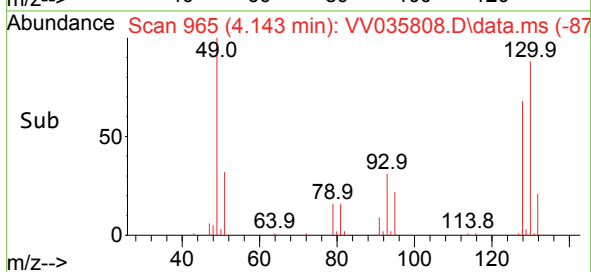
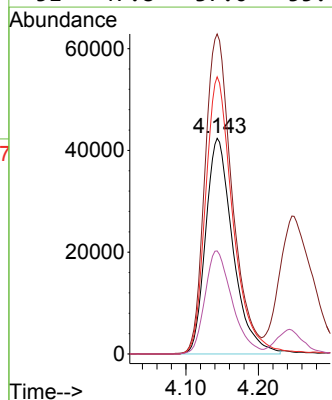
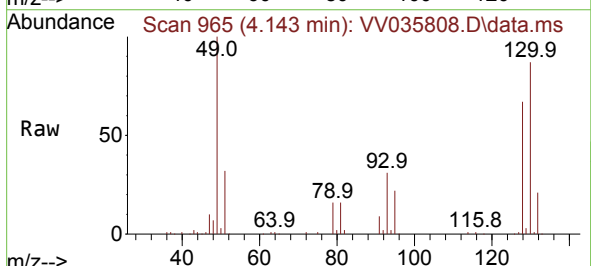
Instrument :
MSVOA_V
ClientSampleId :

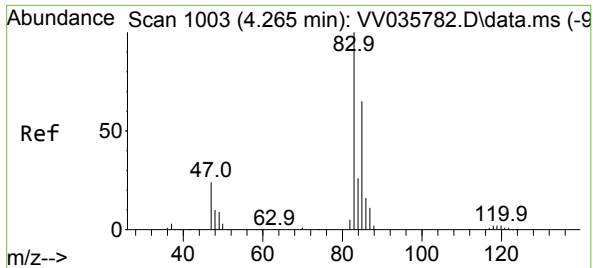
Tgt Ion: 43 Resp: 84465
Ion Ratio Lower Upper
43 100
72 35.5 12.3 36.9



#23
Bromochloromethane
Concen: 24.756 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 128 Resp: 110405
Ion Ratio Lower Upper
128 100
49 148.4 103.1 191.5
130 128.5 91.8 170.4
51 47.8 37.0 55.4

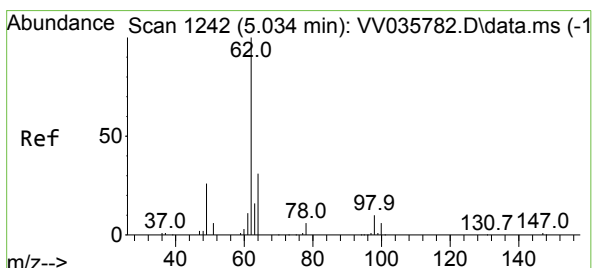
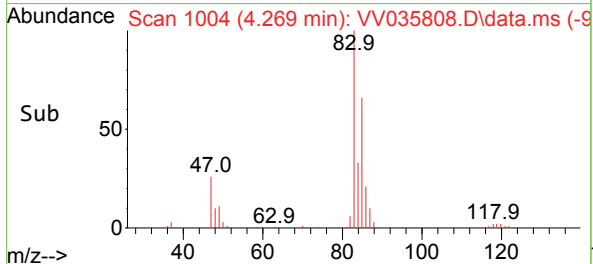
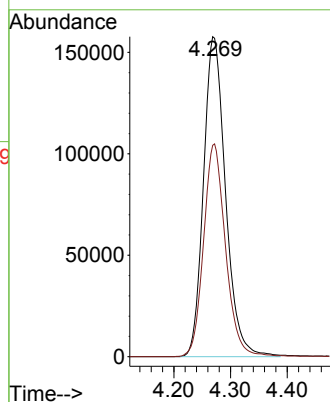
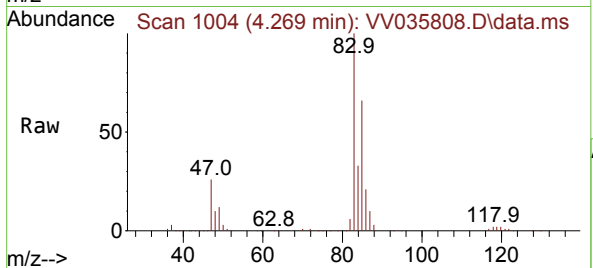




#25
Chloroform
Concen: 25.889 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

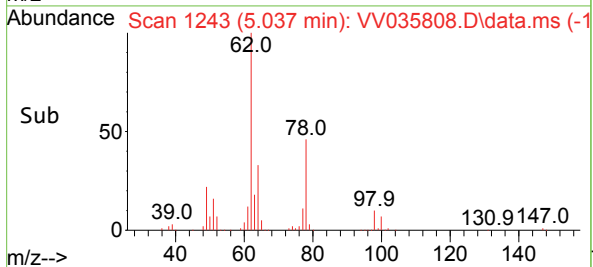
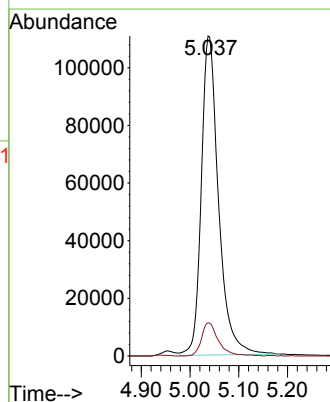
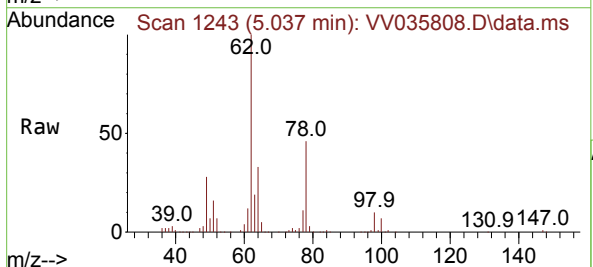
Instrument :
MSVOA_V
ClientSampleId :

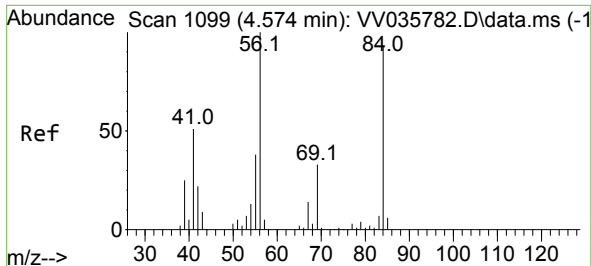
Tgt Ion: 83 Resp: 426293
Ion Ratio Lower Upper
83 100
85 66.1 44.7 82.9



#27
1,2-Dichloroethane
Concen: 26.555 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 62 Resp: 272283
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.2





#29

Cyclohexane

Concen: 17.710 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

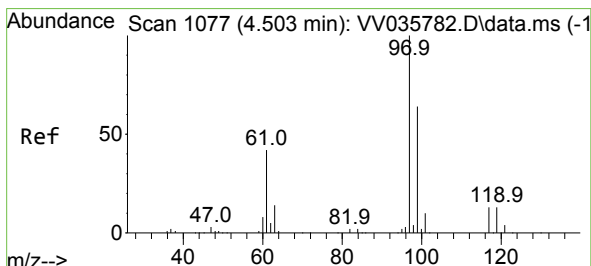
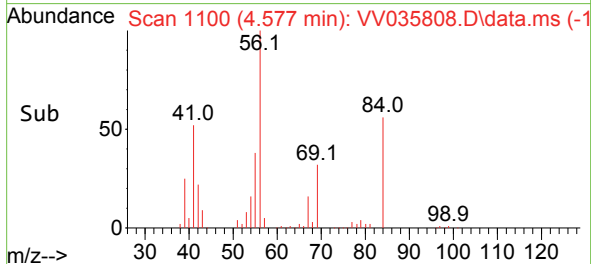
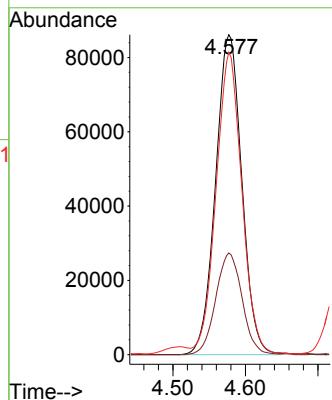
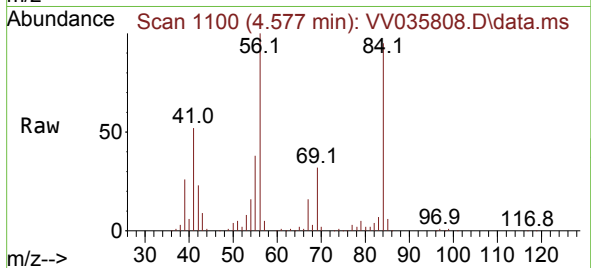
Tgt Ion: 56 Resp: 216248

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

84 91.5 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 23.782 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

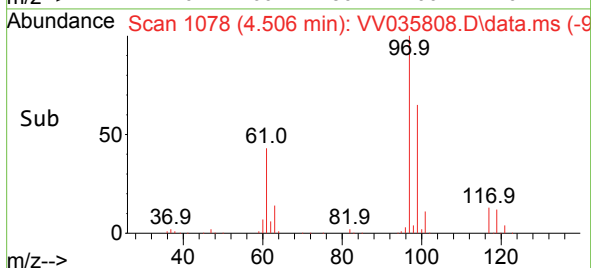
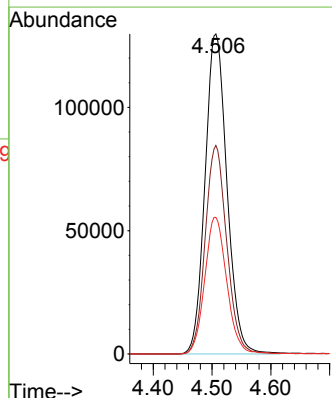
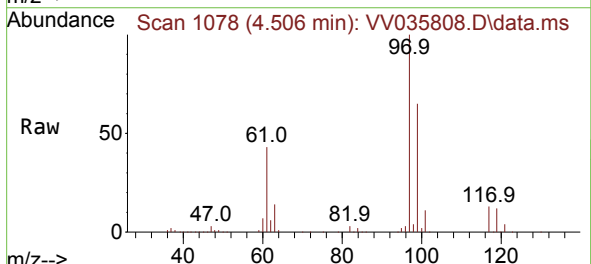
Tgt Ion: 97 Resp: 336710

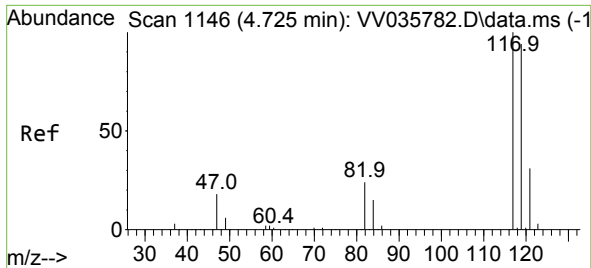
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

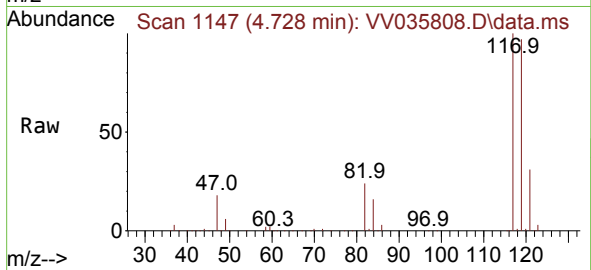
61 42.7 33.5 50.3



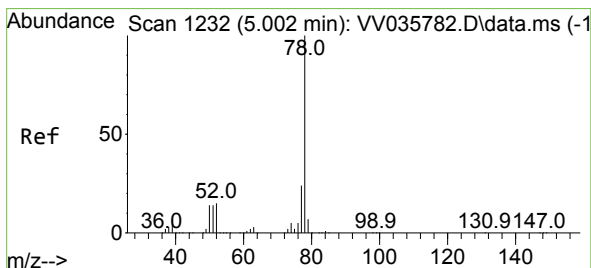
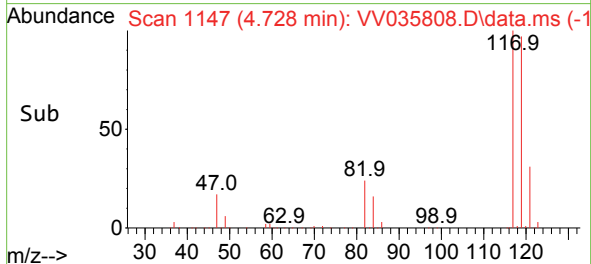
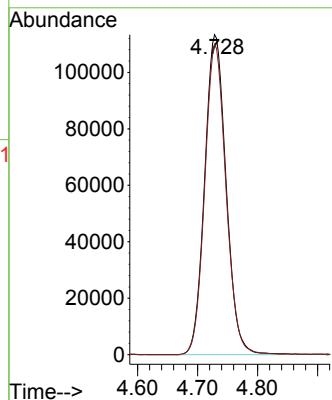


#31
Carbon tetrachloride
Concen: 22.681 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Instrument :
MSVOA_V
ClientSampleId :

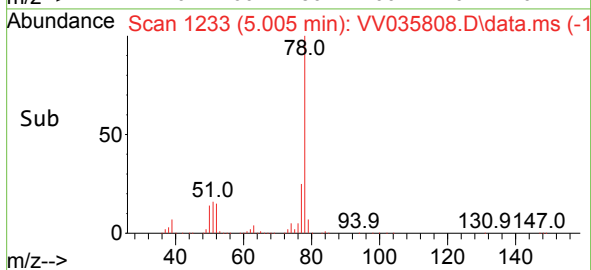
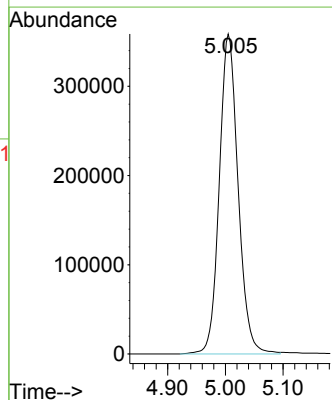
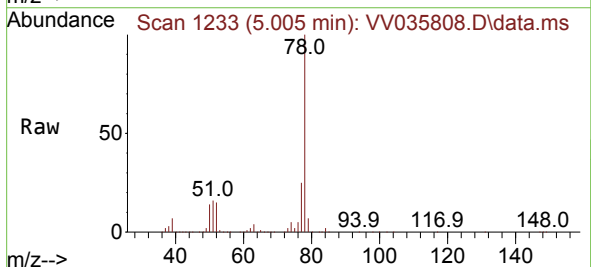


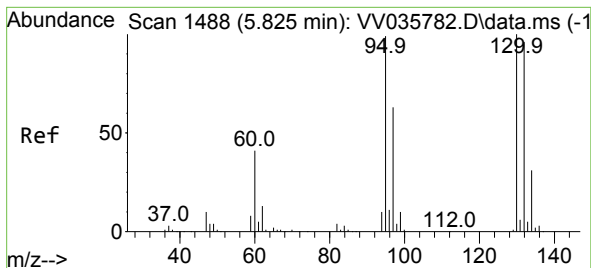
Tgt Ion:117 Resp: 281757
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9



#33
Benzene
Concen: 23.992 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 78 Resp: 810793





#34

Trichloroethene

Concen: 23.804 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

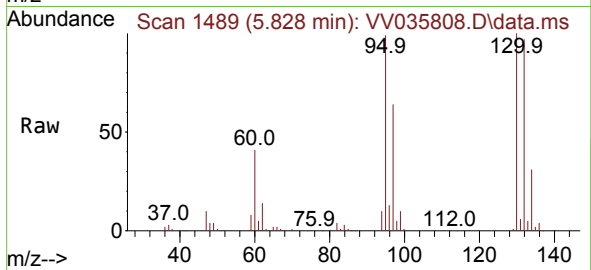
Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 227554

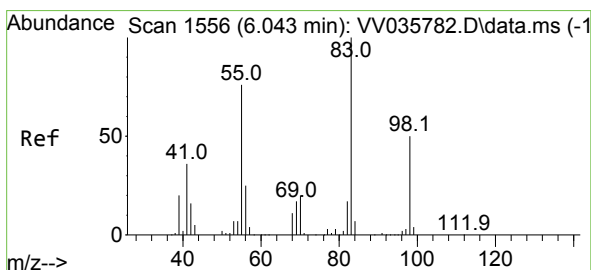
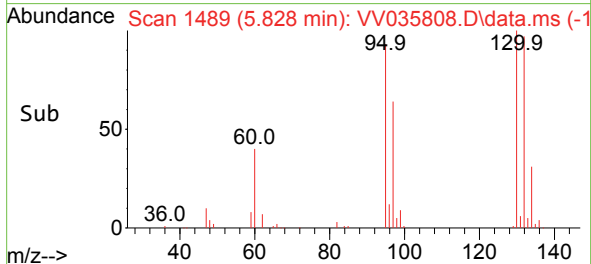
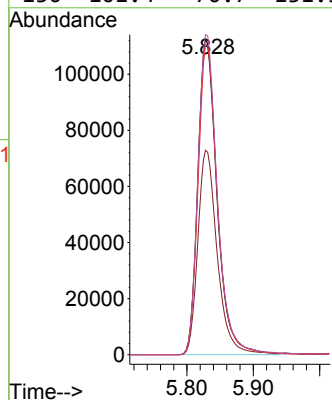
Ion Ratio Lower Upper

95 100

97 64.8 43.8 81.4

132 98.1 67.1 124.7

130 101.4 70.7 131.3



#35

Methylcyclohexane

Concen: 18.497 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

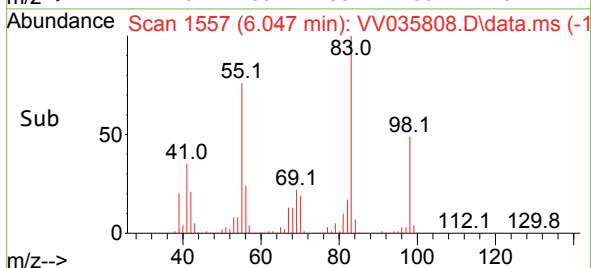
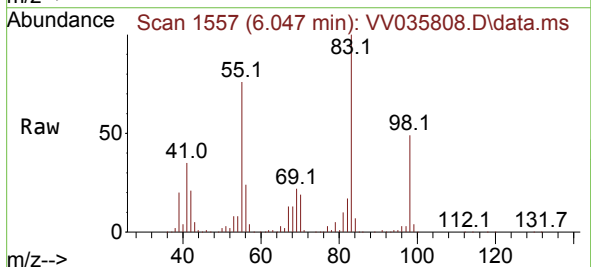
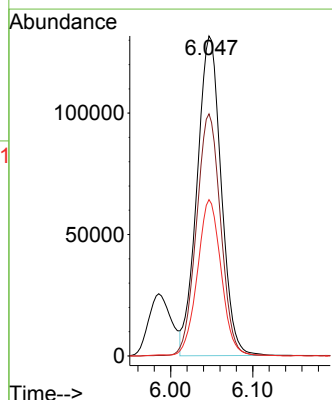
Tgt Ion: 83 Resp: 268445

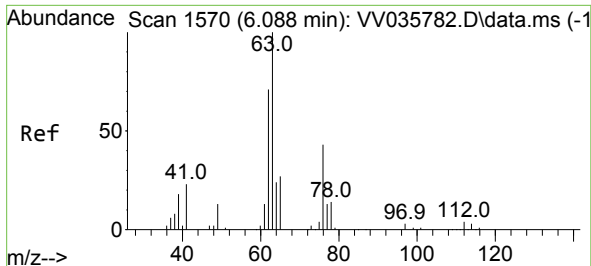
Ion Ratio Lower Upper

83 100

55 75.8 57.5 86.3

98 48.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 26.471 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

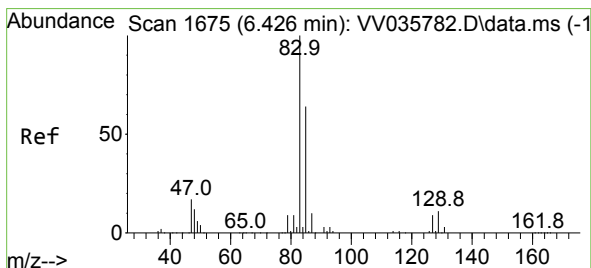
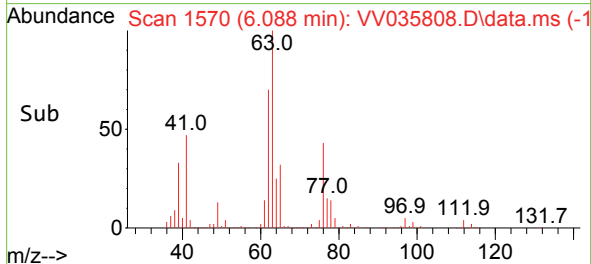
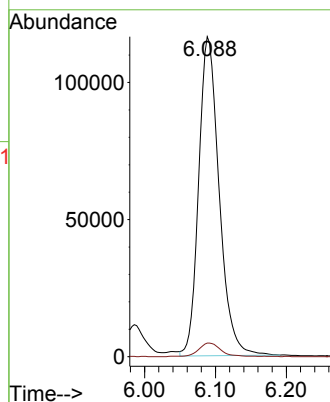
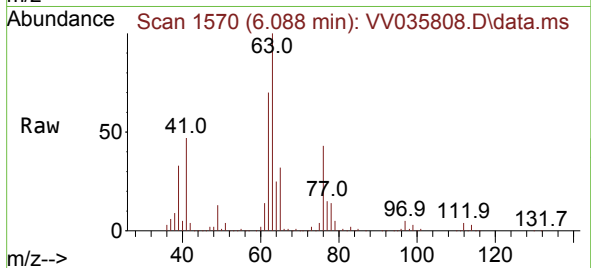
ClientSampleId :

Tgt Ion: 63 Resp: 233400

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 26.042 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

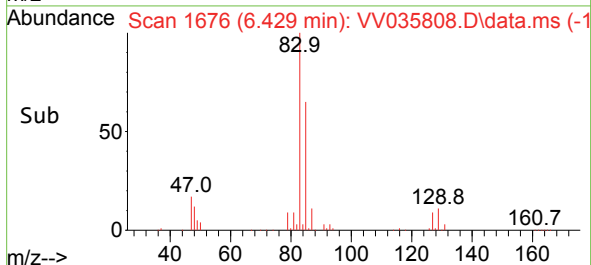
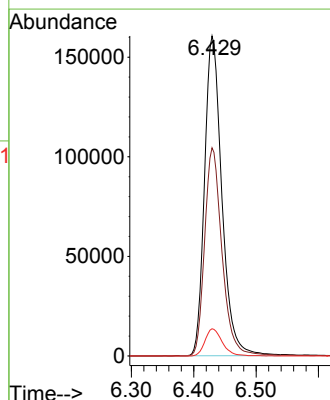
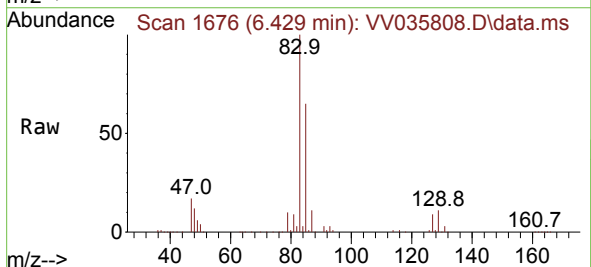
Tgt Ion: 83 Resp: 311061

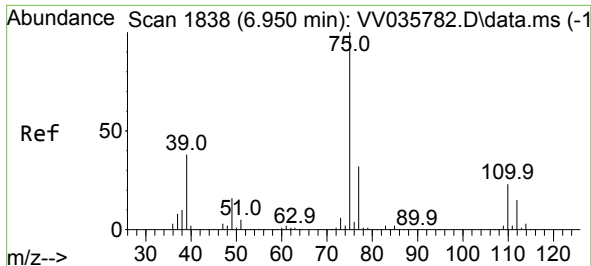
Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.9

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.342 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

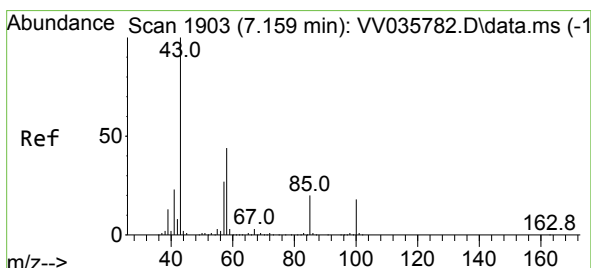
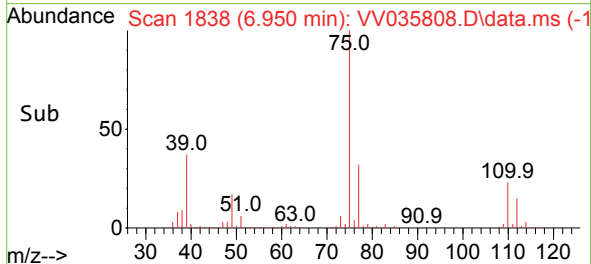
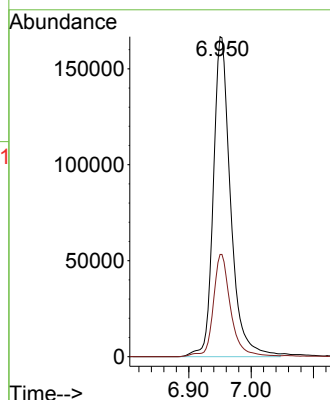
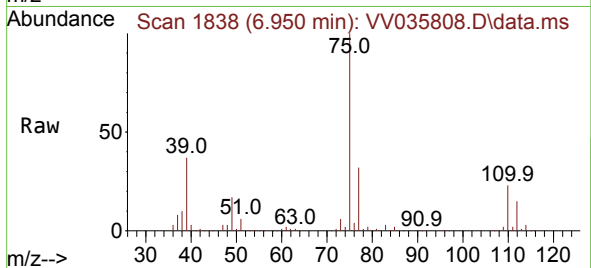
ClientSampleId :

Tgt Ion: 75 Resp: 321907

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.276 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

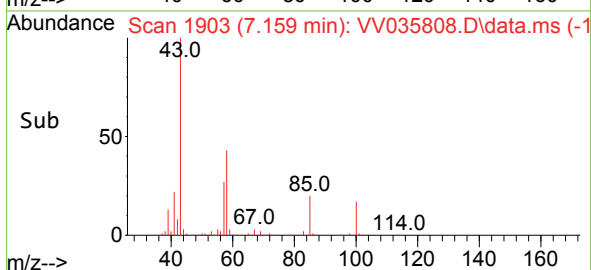
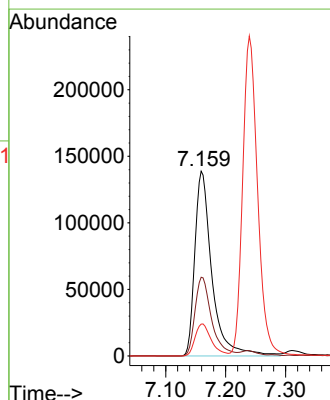
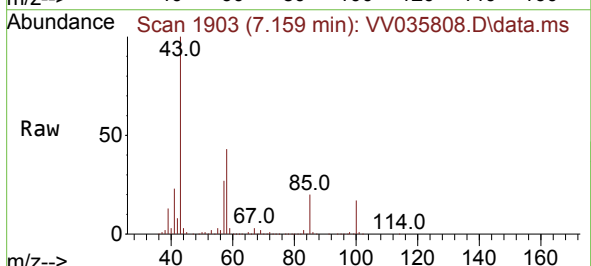
Tgt Ion: 43 Resp: 276046

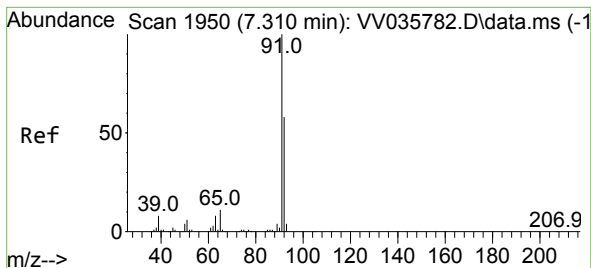
Ion Ratio Lower Upper

43 100

58 41.4 34.8 52.2

100 16.6 13.9 20.9





#42

Toluene

Concen: 24.531 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

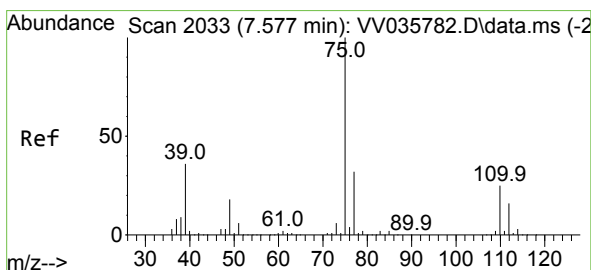
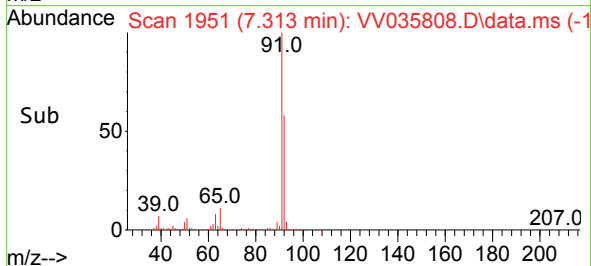
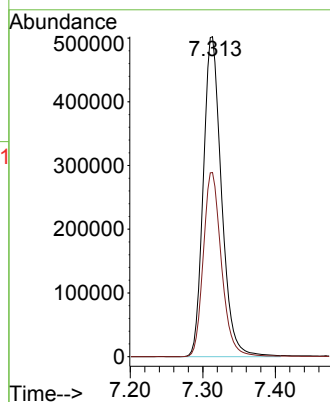
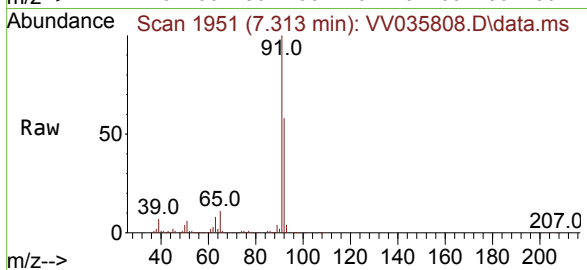
ClientSampleId :

Tgt Ion: 91 Resp: 877323

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.674 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035808.D

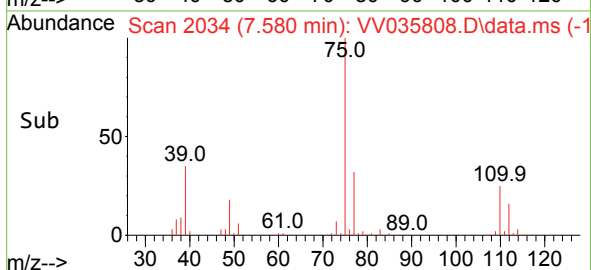
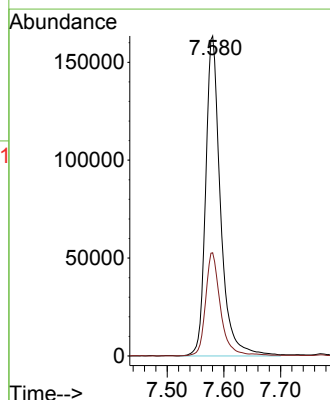
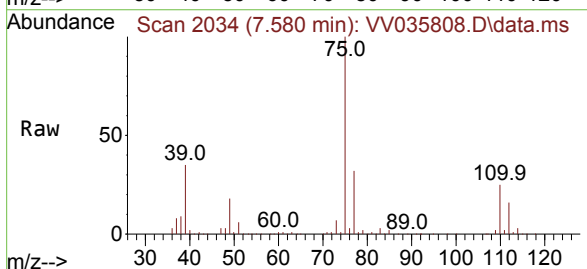
Acq: 25 May 2024 19:31

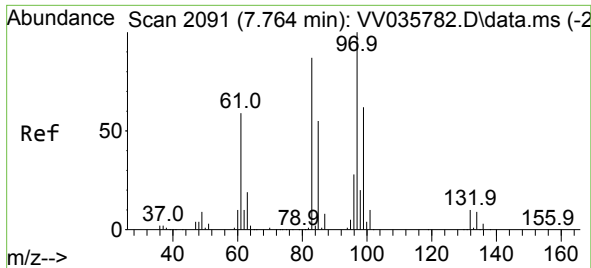
Tgt Ion: 75 Resp: 297671

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6

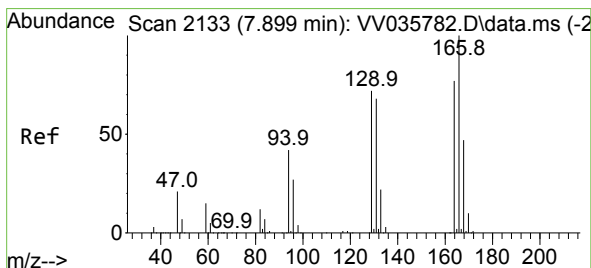
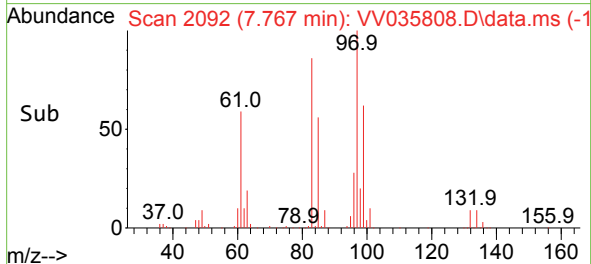
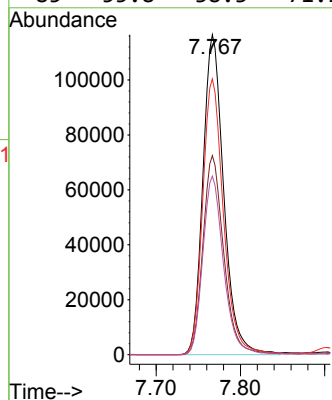
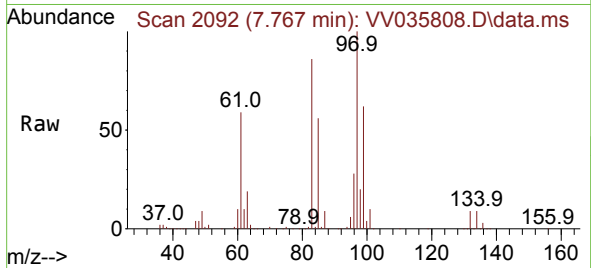




#45
1,1,2-Trichloroethane
Concen: 26.814 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

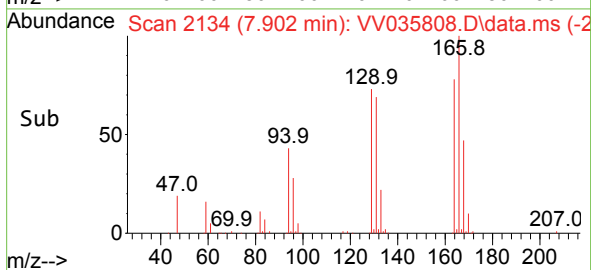
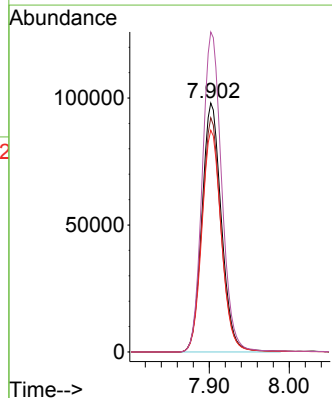
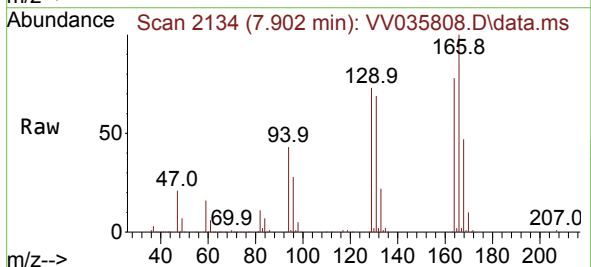
Instrument :
MSVOA_V
ClientSampleId :

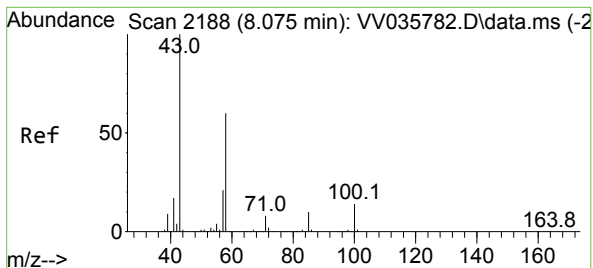
Tgt Ion:	97	Resp:	200886
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	86.2	60.3	111.9
85	55.8	38.3	71.1



#46
Tetrachloroethene
Concen: 21.414 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion:	164	Resp:	166307
Ion	Ratio	Lower	Upper
164	100		
129	94.1	63.4	117.8
131	89.0	61.0	113.4
166	128.5	88.8	164.8





#48

2-Hexanone

Concen: 45.676 ug/L

RT: 8.079 min Scan# 2188

Delta R.T. 0.003 min

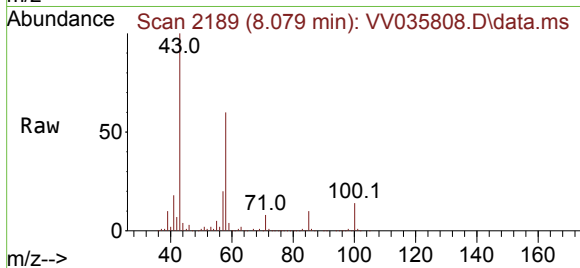
Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

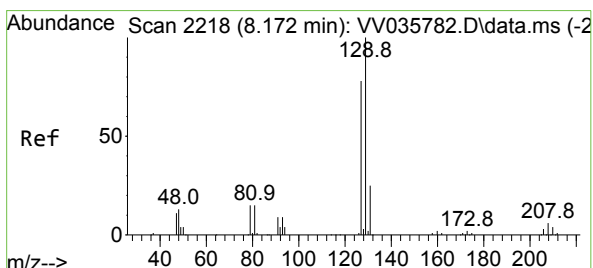
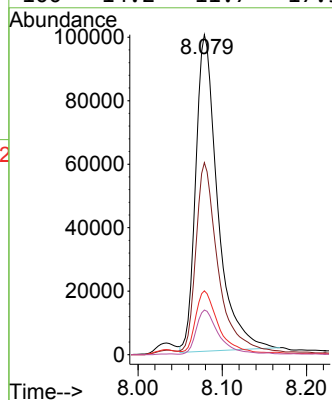
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 180843

Ion	Ratio	Lower	Upper
43	100		
58	61.2	48.8	73.2
57	20.2	16.9	25.3
100	14.2	11.7	17.5



#49

Dibromochloromethane

Concen: 26.662 ug/L

RT: 8.175 min Scan# 2219

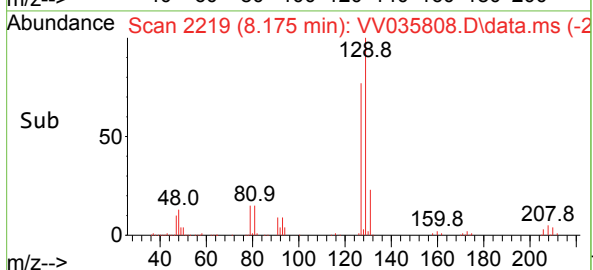
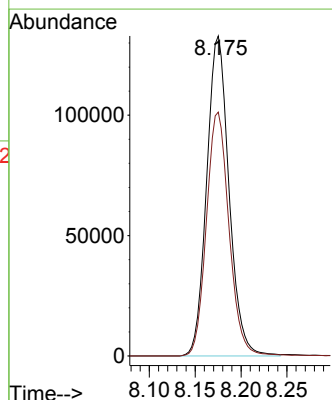
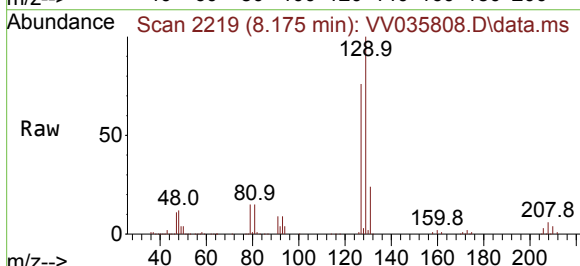
Delta R.T. 0.003 min

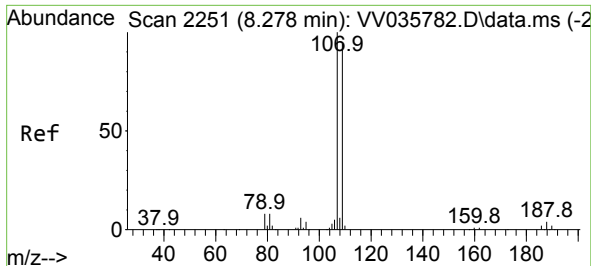
Lab File: VV035808.D

Acq: 25 May 2024 19:31

Tgt Ion: 129 Resp: 225387

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.8	99.8





#50

1,2-Dibromoethane

Concen: 25.392 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

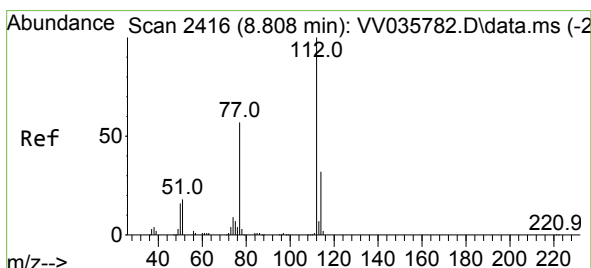
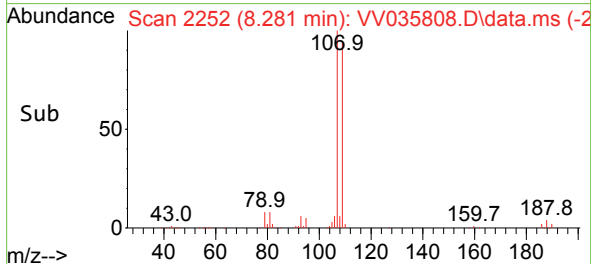
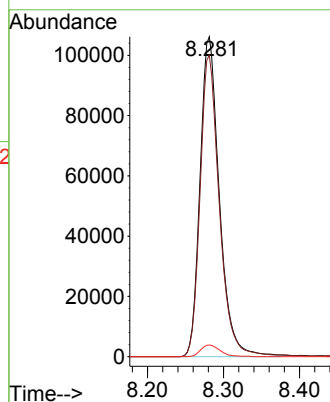
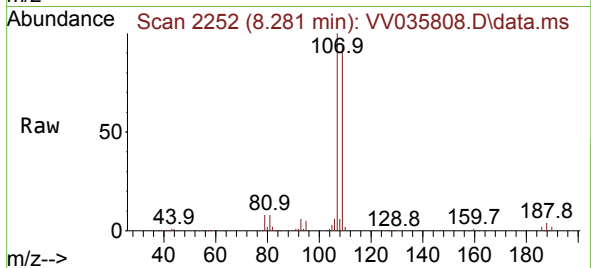
Tgt Ion:107 Resp: 187406

Ion Ratio Lower Upper

107 100

109 94.2 65.4 121.4

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 24.125 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

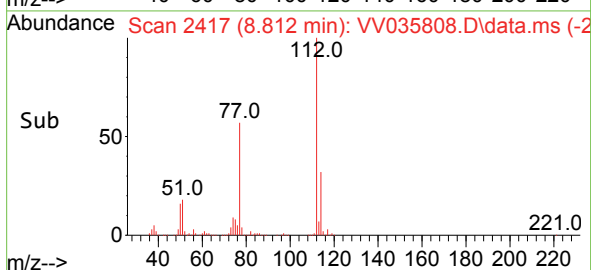
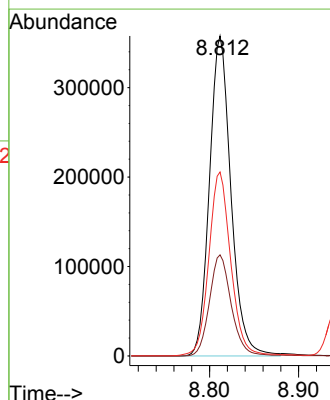
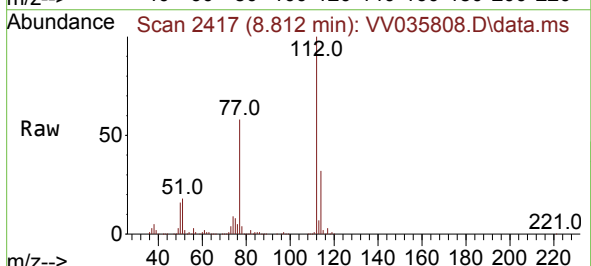
Tgt Ion:112 Resp: 598678

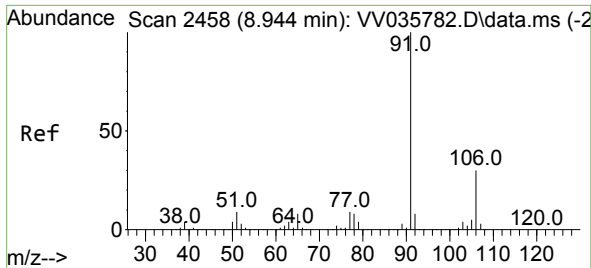
Ion Ratio Lower Upper

112 100

114 31.6 22.5 41.7

77 57.5 46.6 69.8

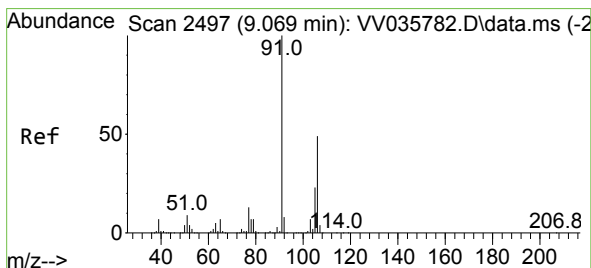
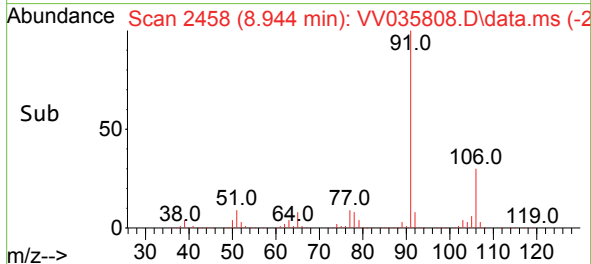
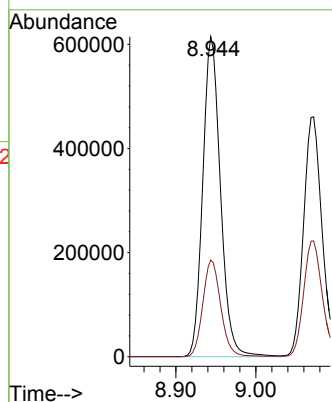
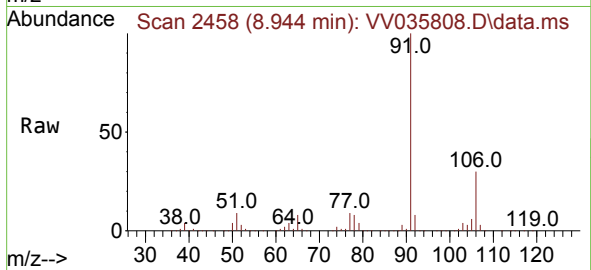




#52
Ethylbenzene
Concen: 24.030 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

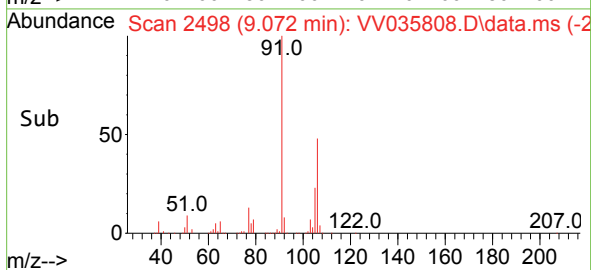
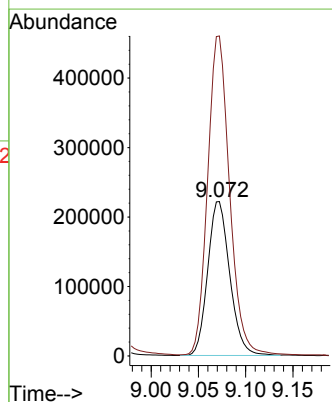
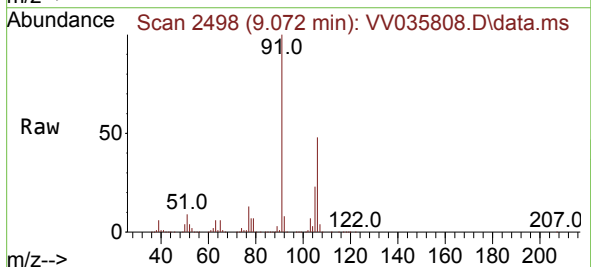
Instrument :
MSVOA_V
ClientSampleId :

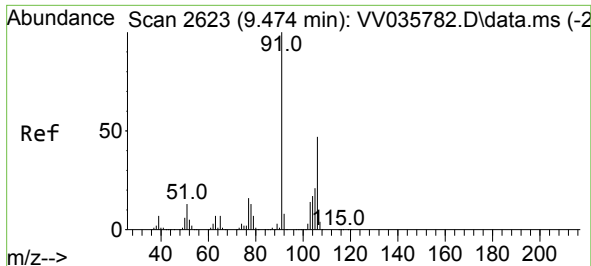
Tgt Ion: 91 Resp: 948878
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 24.027 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 106 Resp: 359955
Ion Ratio Lower Upper
106 100
91 207.3 142.7 264.9

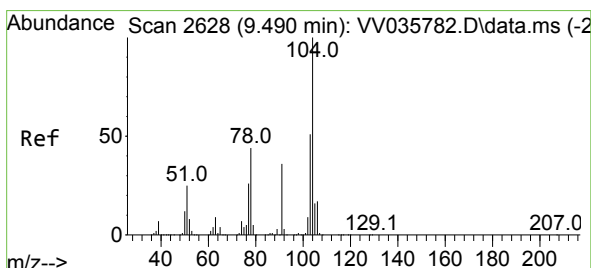
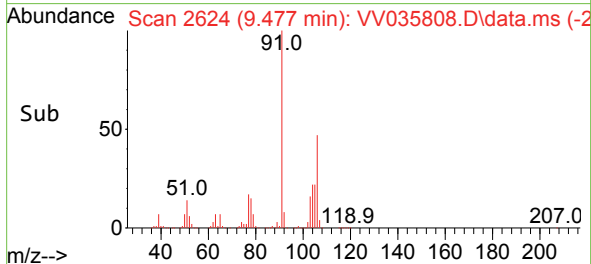
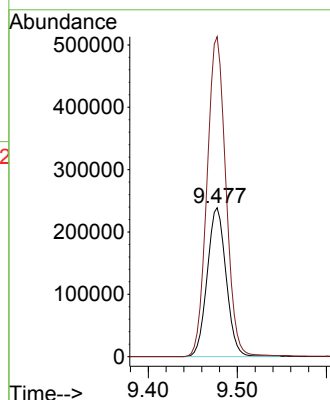
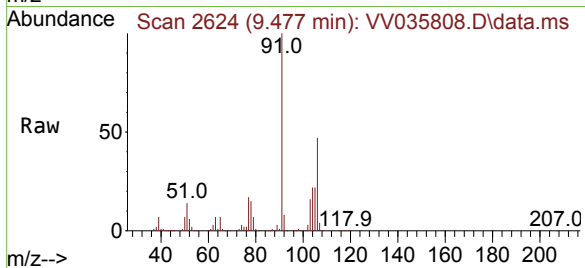




#54
o-Xylene
Concen: 24.759 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

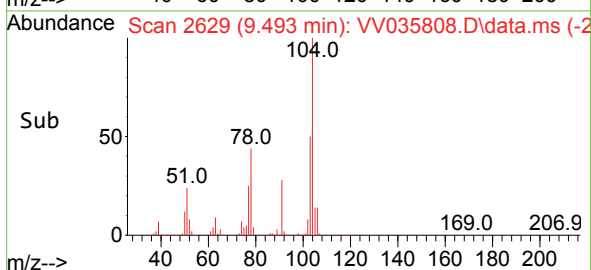
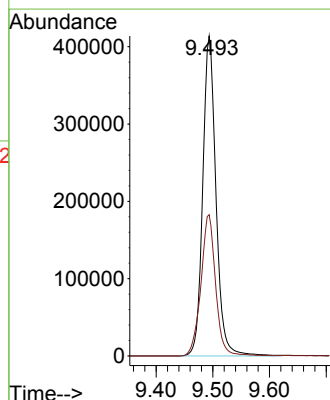
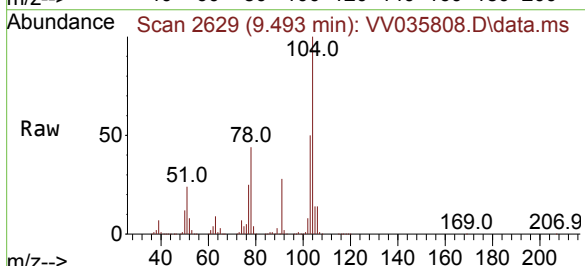
Instrument :
MSVOA_V
ClientSampleId :

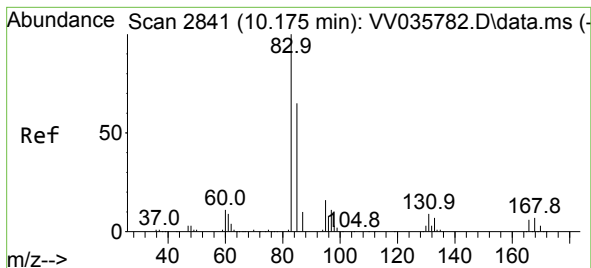
Tgt Ion:106 Resp: 351554
Ion Ratio Lower Upper
106 100
91 214.8 150.9 280.3



#55
Styrene
Concen: 27.155 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion:104 Resp: 672502
Ion Ratio Lower Upper
104 100
78 44.1 30.0 55.6

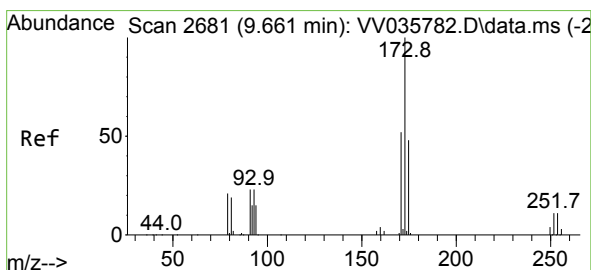
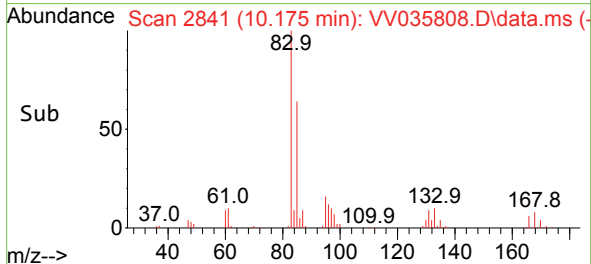
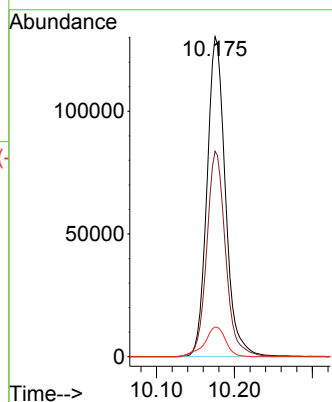
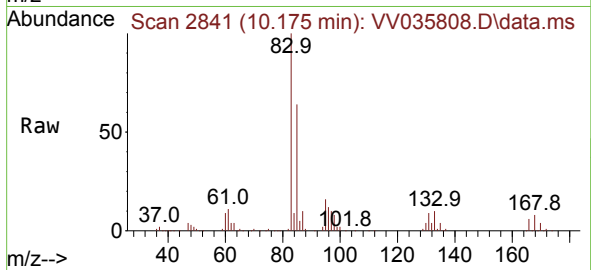




#57
 1,1,2,2-Tetrachloroethane
 Concen: 23.474 ug/L
 RT: 10.175 min Scan# 214219
 Delta R.T. 0.000 min
 Lab File: VV035808.D
 Acq: 25 May 2024 19:31

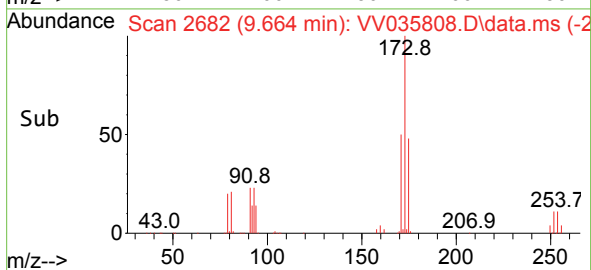
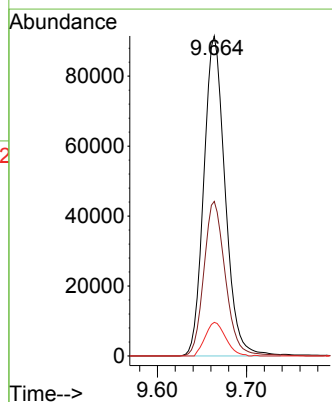
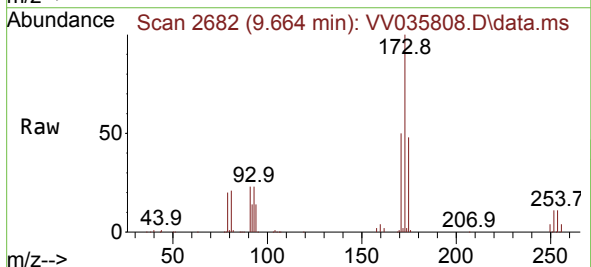
Instrument :
 MSVOA_V
 ClientSampleId :

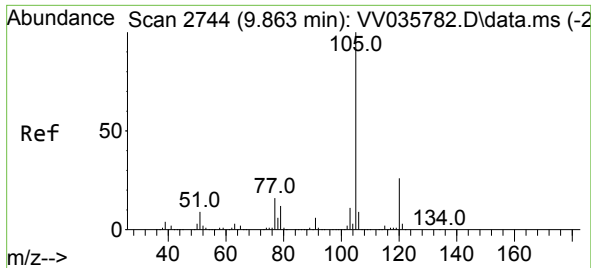
Tgt Ion: 83 Resp: 214219
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.7 83.1
 131 9.3 8.0 12.0



#59
 Bromoform
 Concen: 27.379 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.003 min
 Lab File: VV035808.D
 Acq: 25 May 2024 19:31

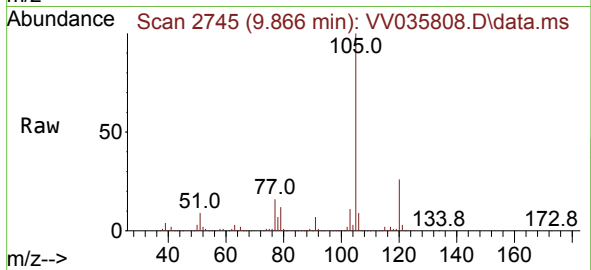
Tgt Ion: 173 Resp: 151938
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.7 58.1
 254 10.1 8.3 12.5



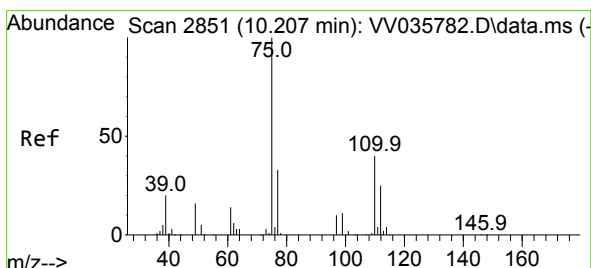
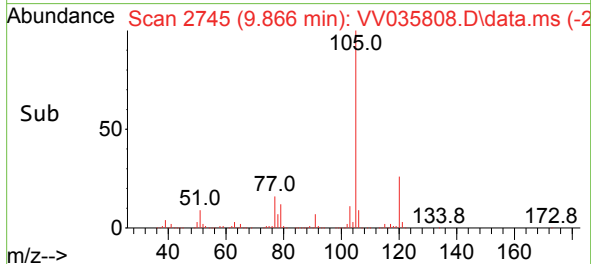
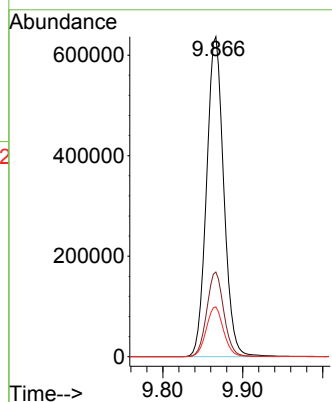


#60
Isopropylbenzene
Concen: 25.325 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Instrument :
MSVOA_V
ClientSampleId :

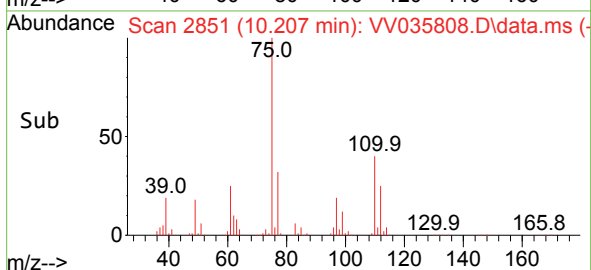
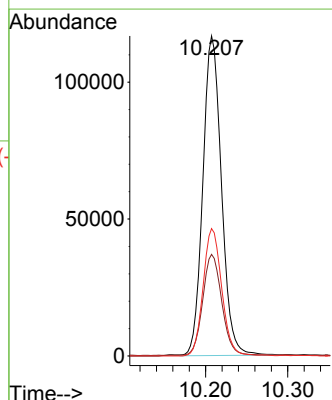
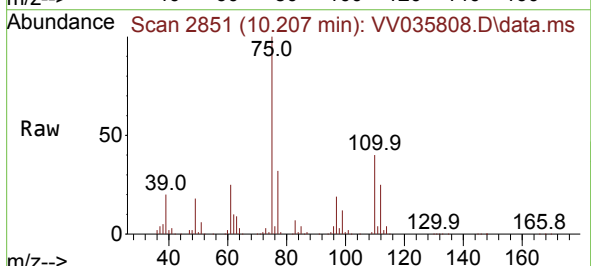


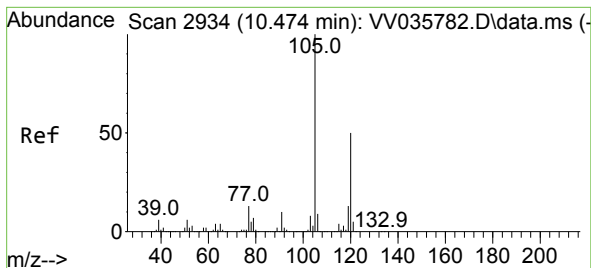
Tgt Ion:105 Resp: 952605
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 27.790 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion: 75 Resp: 183888
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.8 31.8 47.8

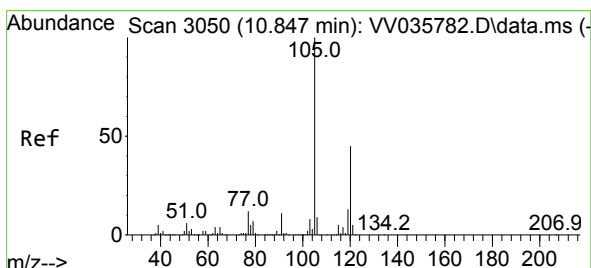
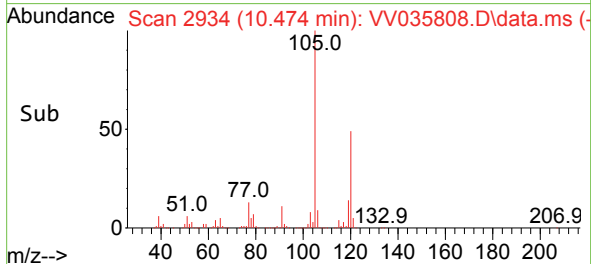
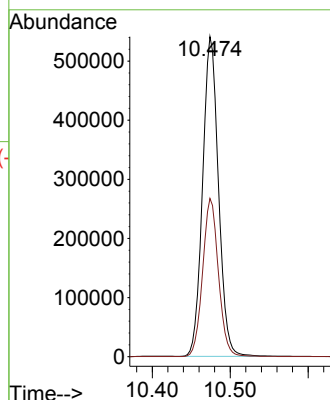
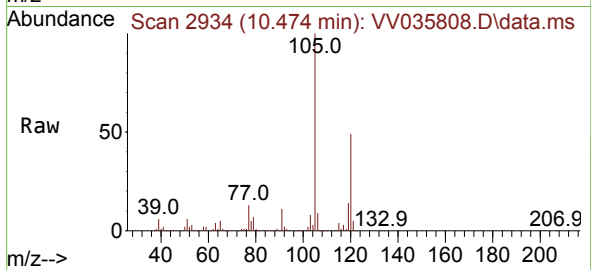




#62
1,3,5-Trimethylbenzene
Concen: 25.915 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

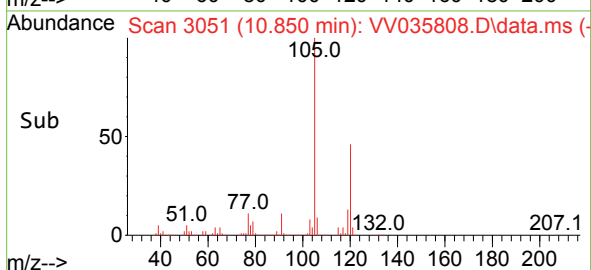
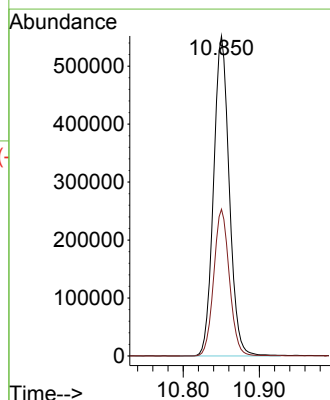
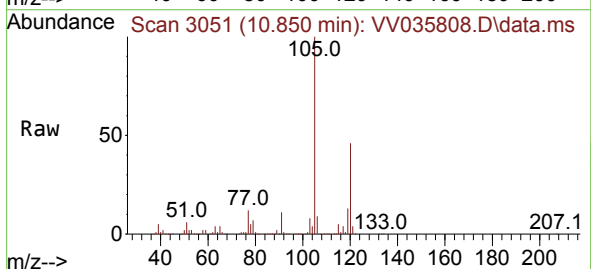
Instrument :
MSVOA_V
ClientSampleId :

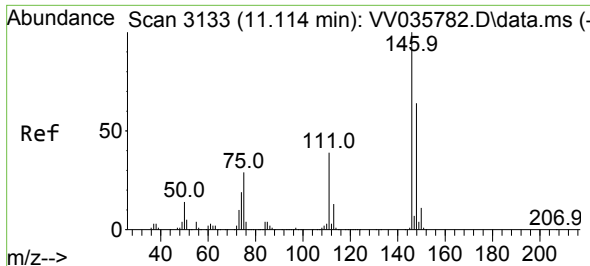
Tgt Ion:105 Resp: 764709
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 26.067 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

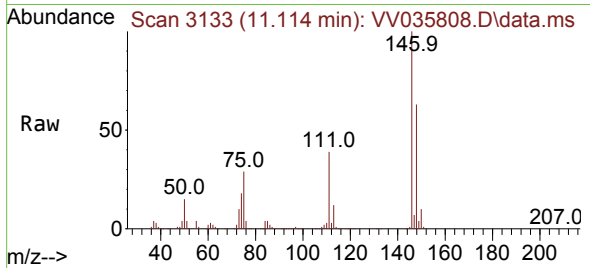
Tgt Ion:105 Resp: 790445
Ion Ratio Lower Upper
105 100
120 45.6 36.6 55.0



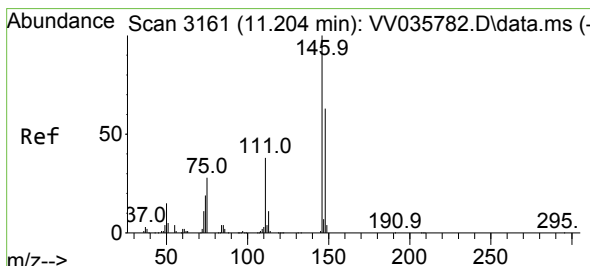
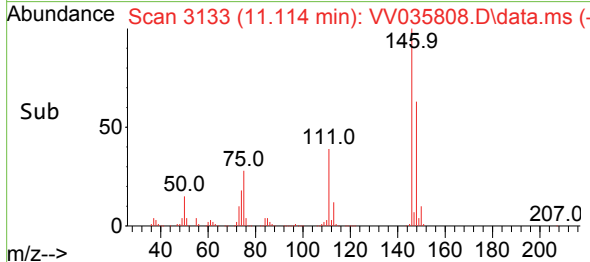
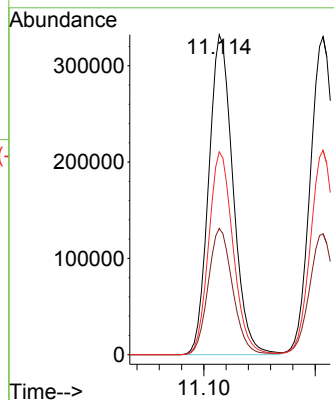


#64
1,3-Dichlorobenzene
Concen: 25.549 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Instrument :
MSVOA_V
ClientSampleId :

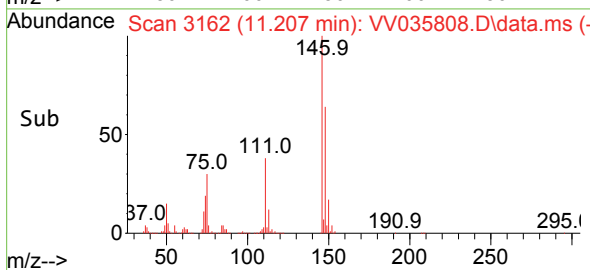
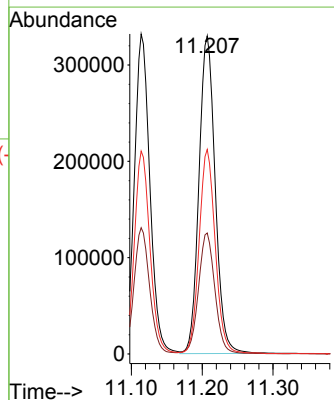
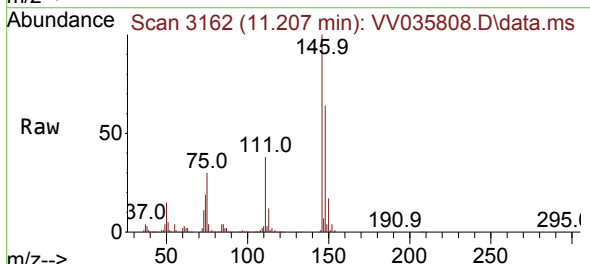


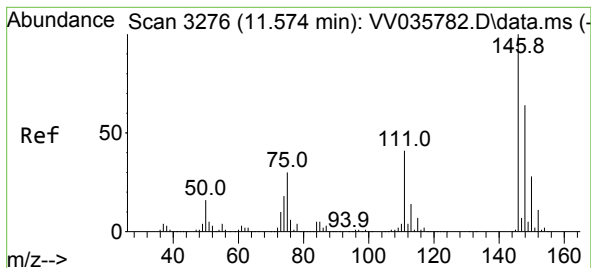
Tgt Ion:146 Resp: 504343
Ion Ratio Lower Upper
146 100
111 39.5 27.0 50.2
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.686 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035808.D
Acq: 25 May 2024 19:31

Tgt Ion:146 Resp: 524930
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.6
148 64.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 26.217 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

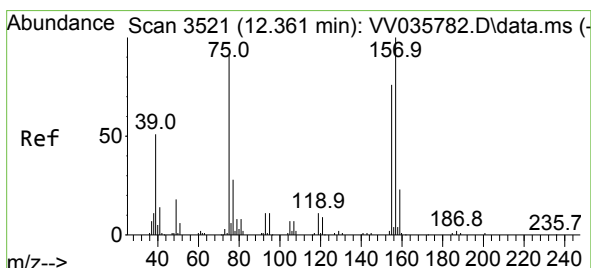
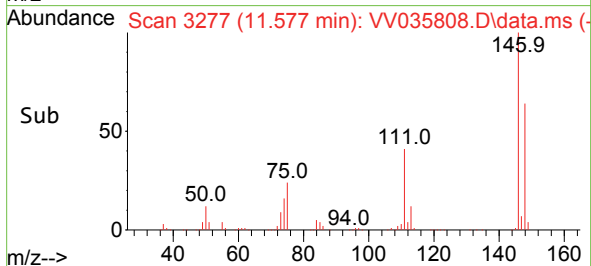
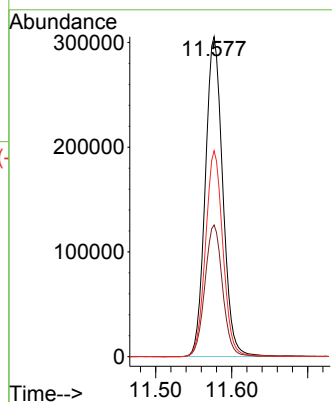
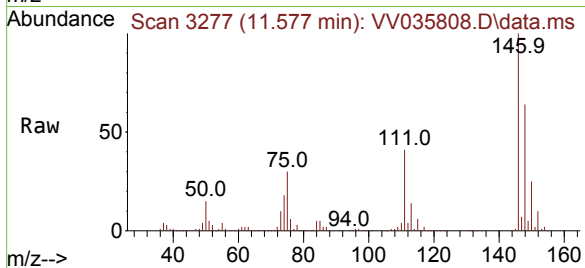
Tgt Ion:146 Resp: 487169

Ion Ratio Lower Upper

146 100

111 41.2 32.6 48.8

148 64.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 26.283 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

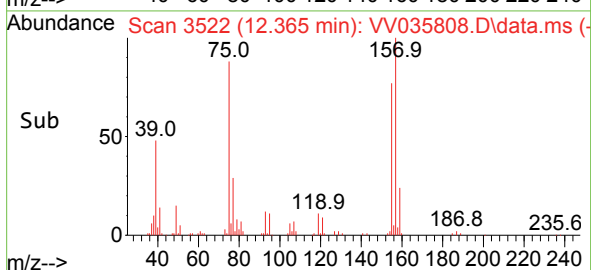
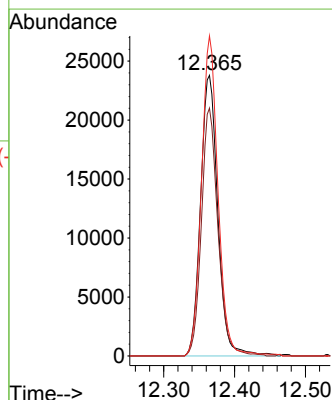
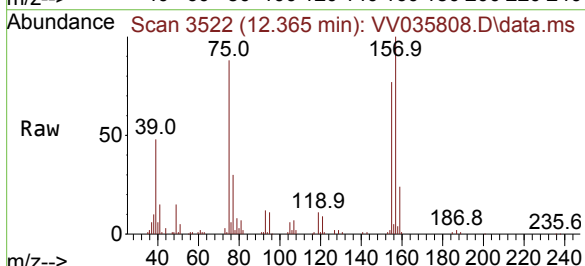
Tgt Ion: 75 Resp: 40335

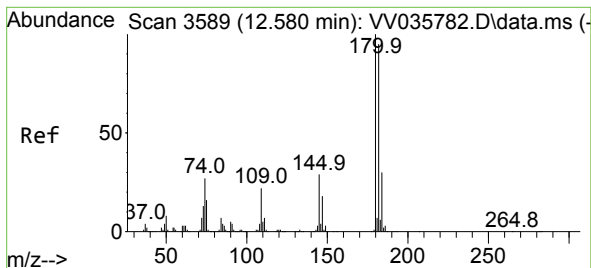
Ion Ratio Lower Upper

75 100

155 88.3 69.8 104.6

157 114.0 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 23.389 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

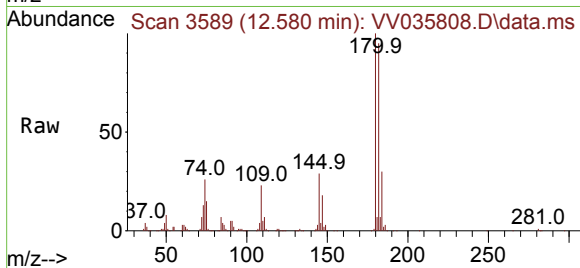
Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 360798

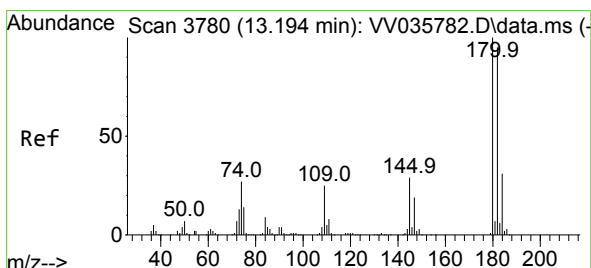
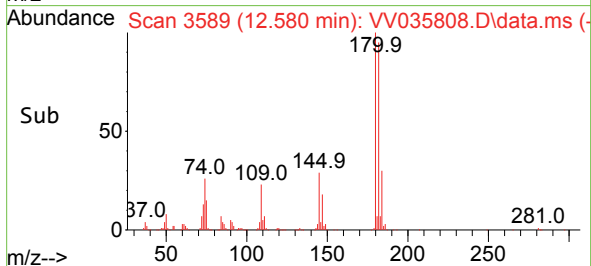
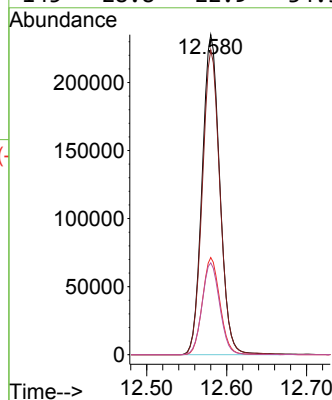
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

184 30.3 24.1 36.1

145 28.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 22.442 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

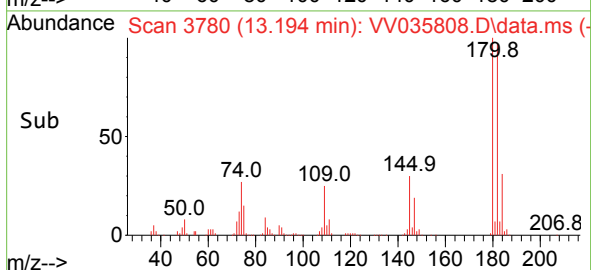
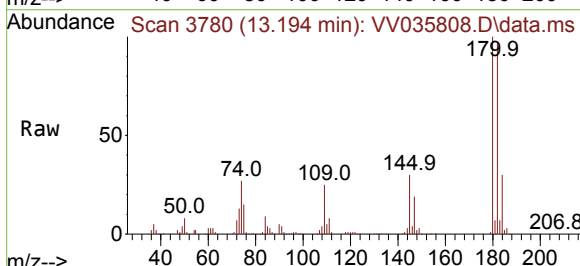
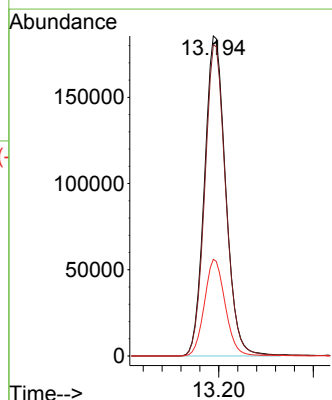
Tgt Ion:180 Resp: 289072

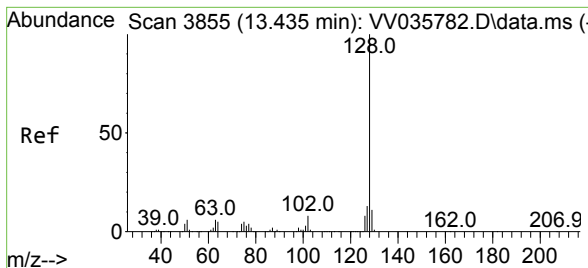
Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

145 29.5 23.2 34.8





#71

Naphthalene

Concen: 22.330 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

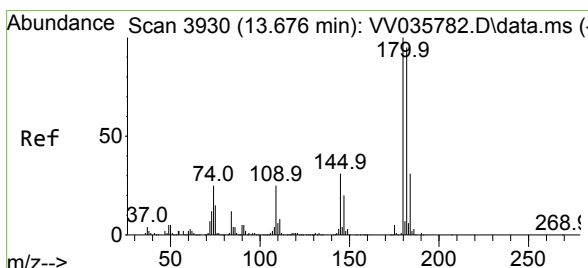
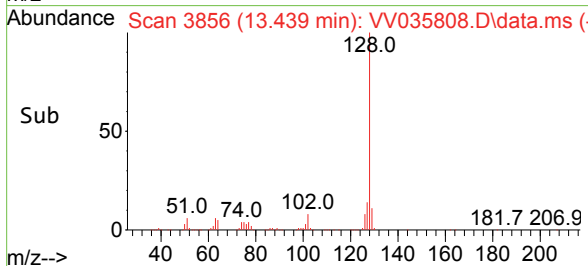
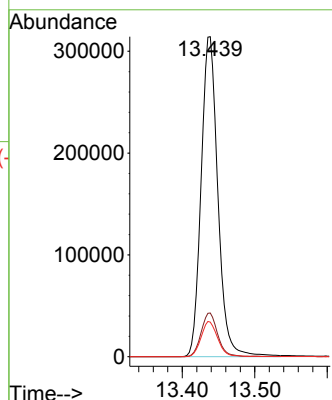
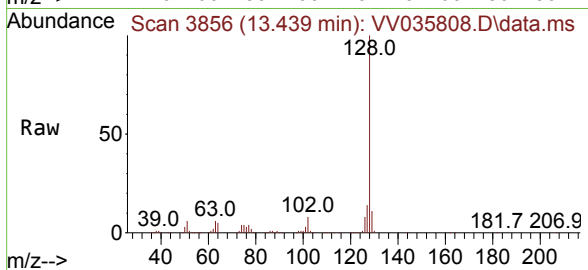
Tgt Ion:128 Resp: 504948

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.380 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035808.D

Acq: 25 May 2024 19:31

Tgt Ion:180 Resp: 294101

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

145 30.9 25.2 37.8

