

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035832.D
 Acq On : 28 May 2024 08:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	504420	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	511877	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	282652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	193429	24.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.240%
7) Chloroethane-d5	1.529	69	154407	24.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.053	65	82723	23.967	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.880%
21) 2-Butanone-d5	3.841	46	30622	13.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.680%
24) Chloroform-d	4.243	84	357536	23.842	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.937	65	182860	24.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	4.957	84	687787	24.546	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.986	67	212958	24.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.520%
41) Toluene-d8	7.239	98	630830	25.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.551	79	90249	24.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.600%
47) 2-Hexanone-d5	8.030	63	62000	39.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	176705	21.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	234671	23.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	184678	18.008	ug/L	99
3) Chloromethane	1.211	50	179907	17.473	ug/L	97
5) Vinyl chloride	1.278	62	200411	18.840	ug/L	100
6) Bromomethane	1.484	94	127430	18.920	ug/L	99
8) Chloroethane	1.545	64	135564	20.674	ug/L	98
9) Trichlorofluoromethane	1.709	101	295467	21.280	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	202523	23.118	ug/L	98
12) 1,1-Dichloroethene	2.066	96	170099	21.497	ug/L	94
13) Acetone	2.156	43	127110	39.246	ug/L	94
14) Carbon disulfide	2.236	76	391664	15.627	ug/L	100
15) Methyl Acetate	2.388	43	99215	20.219	ug/L	# 90
16) Methylene chloride	2.442	84	224740	19.321	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	182954	20.827	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	534201	25.211	ug/L	99
19) 1,1-Dichloroethane	3.108	63	403440	24.498	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	216417	22.726	ug/L	97
22) 2-Butanone	3.915	43	112741	37.483	ug/L	100
23) Bromochloromethane	4.143	128	110844	24.066	ug/L	96
25) Chloroform	4.272	83	432288	25.421	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052824\
 Data File : VW035832.D
 Acq On : 28 May 2024 08:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

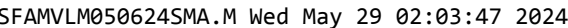
Instrument :
 MSVOA_V
 ClientSampleId :

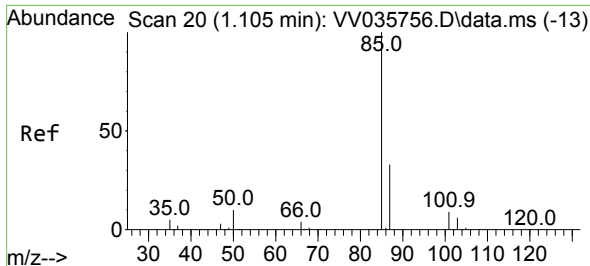
Quant Time: May 29 02:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	269999	25.497	ug/L	99
29) Cyclohexane	4.577	56	247646	20.231	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	347913	24.513	ug/L	99
31) Carbon tetrachloride	4.728	117	293653	23.581	ug/L	100
33) Benzene	5.005	78	826826	24.406	ug/L	100
34) Trichloroethene	5.828	95	237284	24.761	ug/L	99
35) Methylcyclohexane	6.047	83	301266	20.707	ug/L	97
37) 1,2-Dichloropropane	6.088	63	237296	26.847	ug/L	100
38) Bromodichloromethane	6.429	83	320628	26.778	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	336764	24.360	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	278600	52.630	ug/L	98
42) Toluene	7.310	91	889414	24.808	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	322293	26.650	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	203534	27.101	ug/L	99
46) Tetrachloroethene	7.902	164	173861	22.332	ug/L	98
48) 2-Hexanone	8.079	43	197129	49.668	ug/L	99
49) Dibromochloromethane	8.172	129	225307	26.588	ug/L	99
50) 1,2-Dibromoethane	8.281	107	188910	25.533	ug/L	99
51) Chlorobenzene	8.812	112	609302	24.493	ug/L	99
52) Ethylbenzene	8.944	91	981789	24.802	ug/L	100
53) m,p-Xylene	9.069	106	373322	24.858	ug/L	99
54) o-Xylene	9.474	106	361785	25.417	ug/L	100
55) Styrene	9.493	104	674365	27.163	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	213633	23.352	ug/L	98
59) Bromoform	9.664	173	151115	27.205	ug/L	100
60) Isopropylbenzene	9.863	105	1004465	26.678	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	182819	27.602	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	818329	27.706	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	830769	27.371	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	524884	26.564	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	538956	26.348	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	501087	26.940	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	41130	26.775	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	399384	25.866	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	333230	25.845	ug/L	99
71) Naphthalene	13.435	128	558542	24.676	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	316806	27.314	ug/L	99

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

Quant Time: May 29 02:03:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 05:15:54 2024
Response via : Initial Calibration

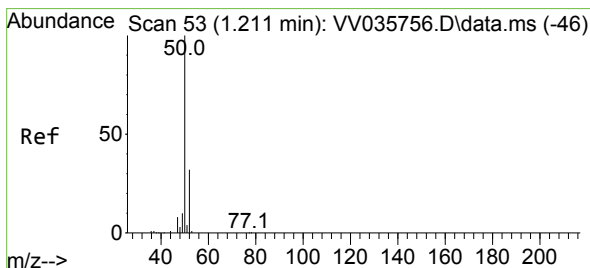
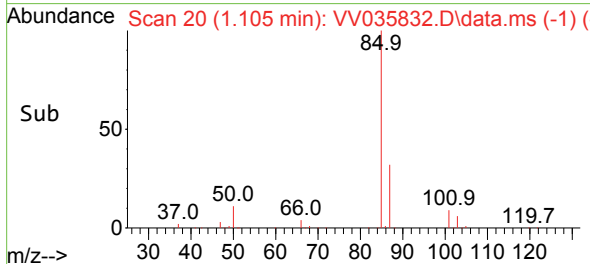
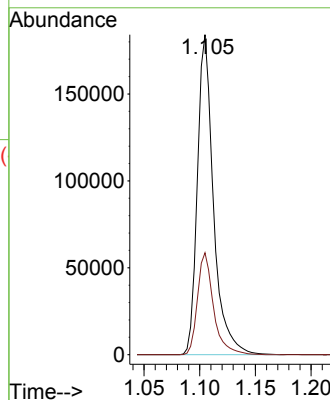
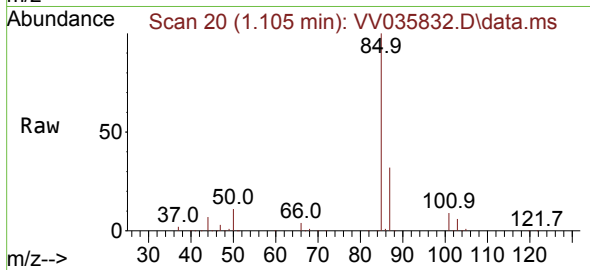




#2
 Dichlorodifluoromethane
 Concen: 18.008 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50

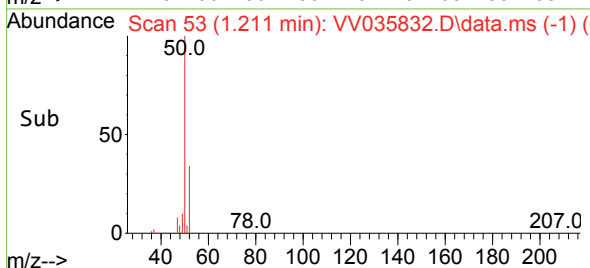
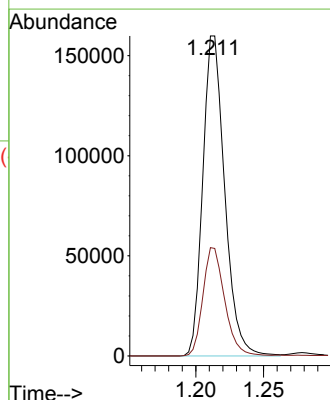
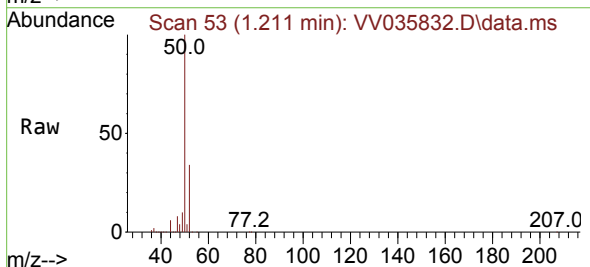
Instrument :
 MSVOA_V
 ClientSampleId :

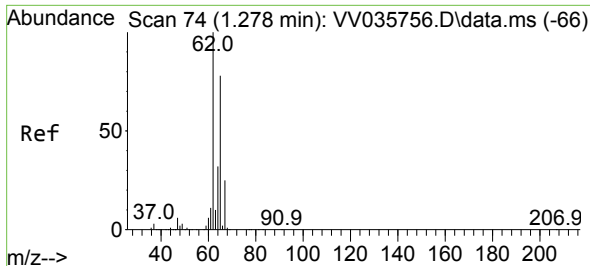
Tgt Ion: 85 Resp: 184678
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#3
 Chloromethane
 Concen: 17.473 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50

Tgt Ion: 50 Resp: 179907
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.7 42.1

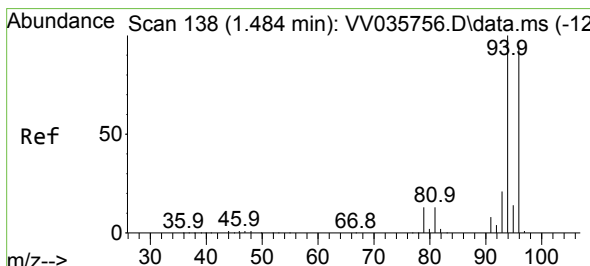
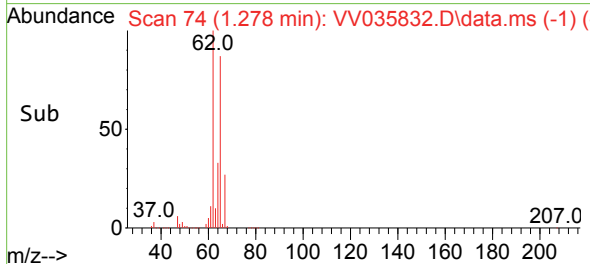
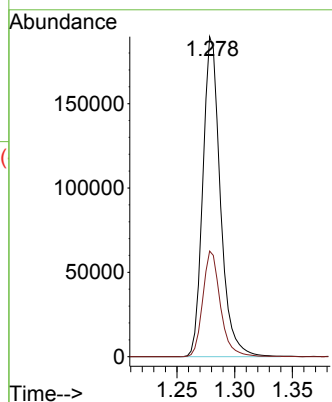
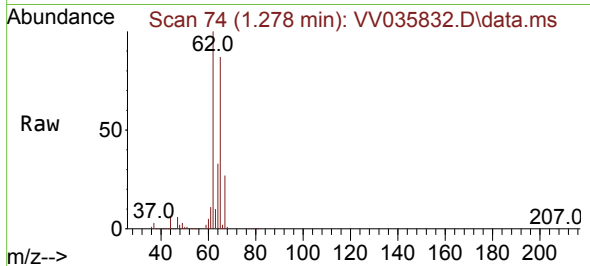




#5
 Vinyl chloride
 Concen: 18.840 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50

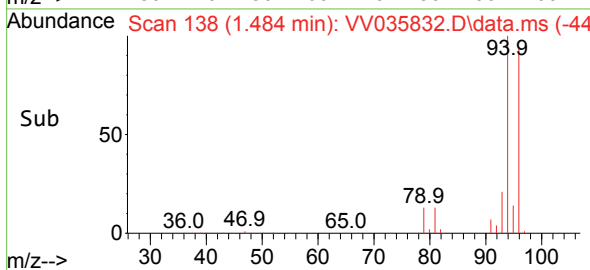
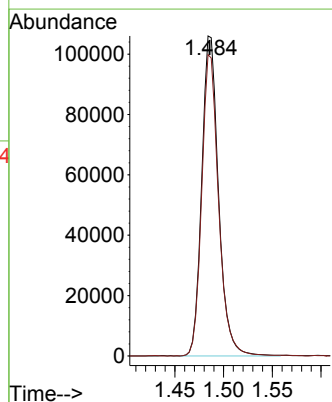
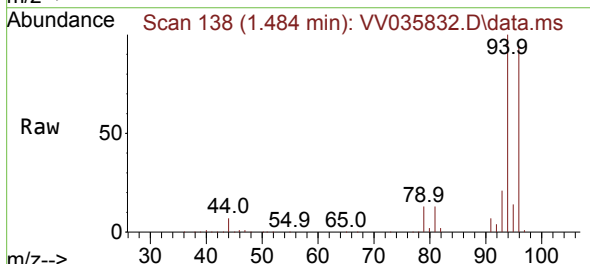
Instrument :
 MSVOA_V
 ClientSampleId :

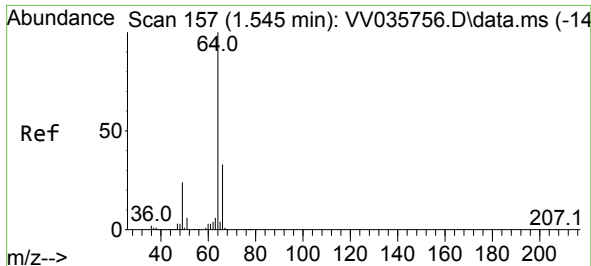
Tgt Ion: 62 Resp: 200411
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 18.920 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50

Tgt Ion: 94 Resp: 127430
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.2 121.0

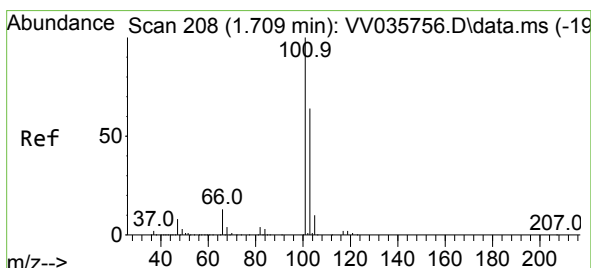
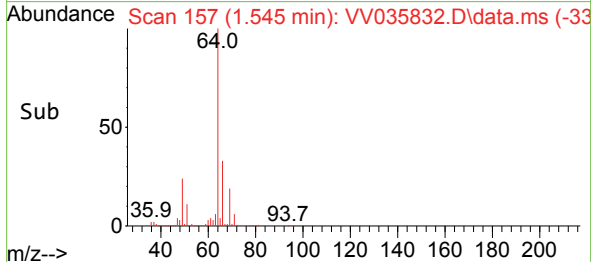
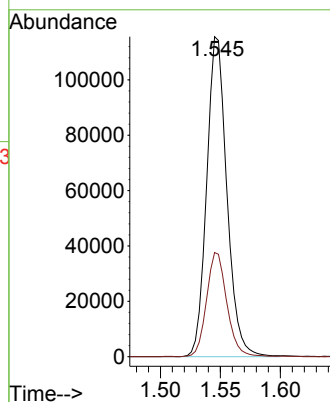
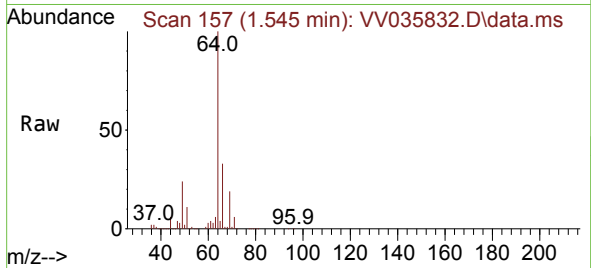




#8
Chloroethane
Concen: 20.674 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

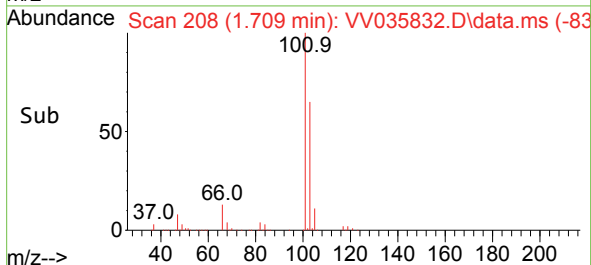
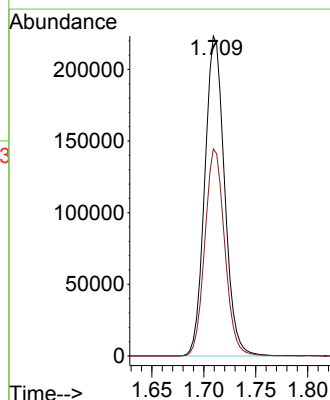
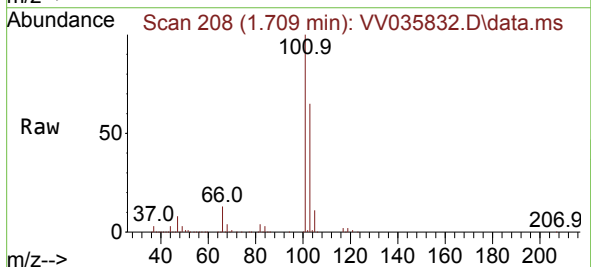
Instrument :
MSVOA_V
ClientSampleId :

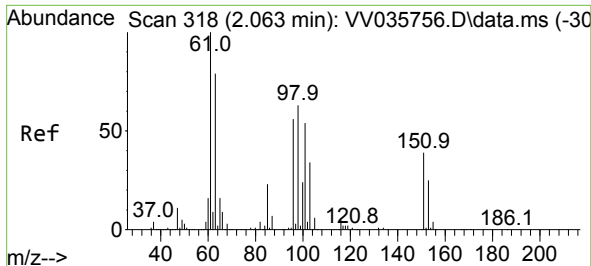
Tgt Ion: 64 Resp: 135564
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.280 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion:101 Resp: 295467
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3





#10

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

Concen: 23.118 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

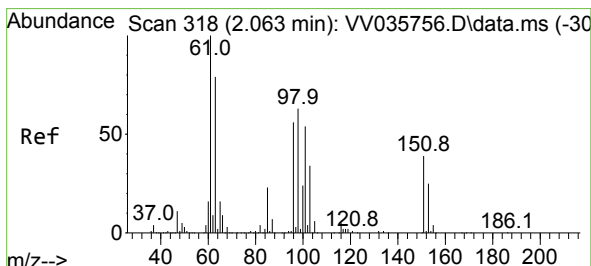
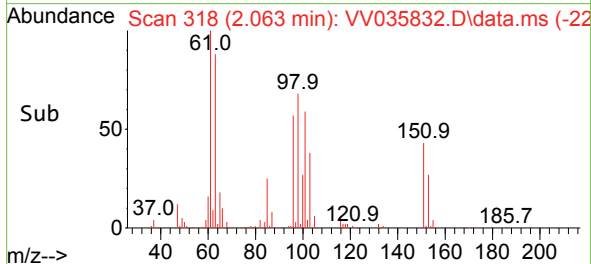
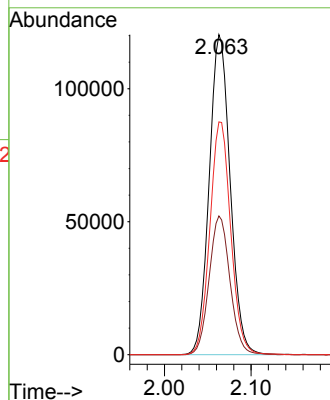
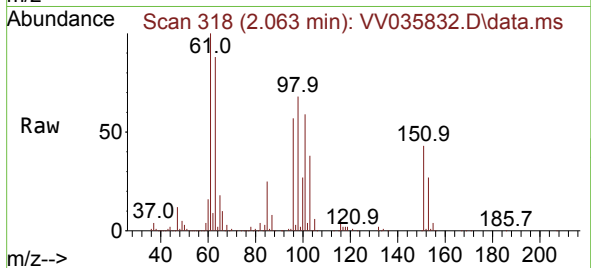
Tgt Ion:101 Resp: 202523

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

151 72.4 59.5 89.3



#12

1,1-Dichloroethene

Concen: 21.497 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

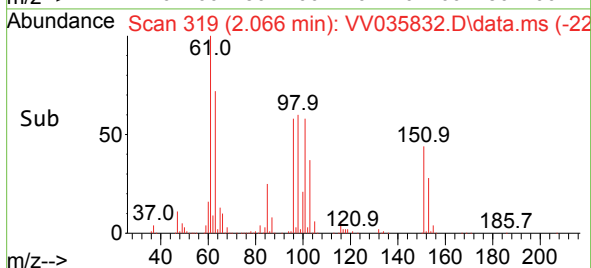
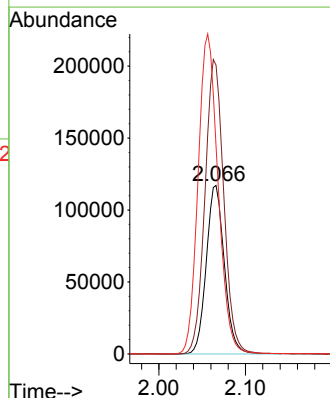
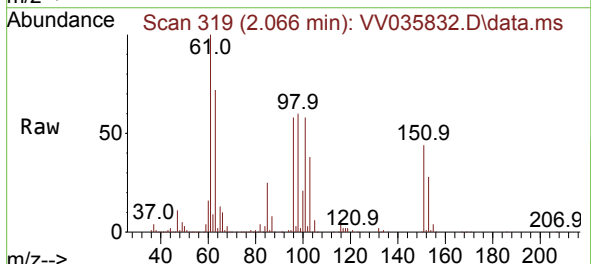
Tgt Ion: 96 Resp: 170099

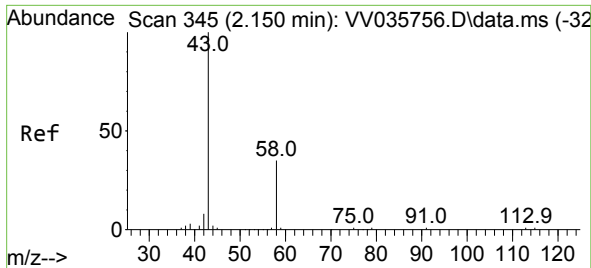
Ion Ratio Lower Upper

96 100

61 171.4 119.8 222.4

63 123.4 75.6 140.4





#13

Acetone

Concen: 39.246 ug/L

RT: 2.156 min Scan# 345

Delta R.T. -0.010 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

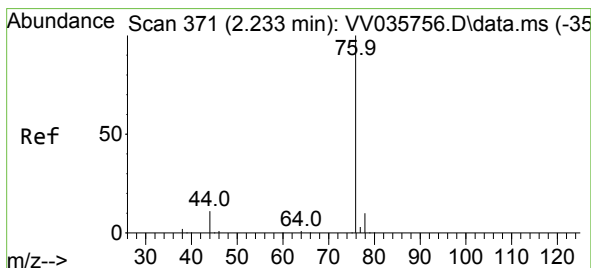
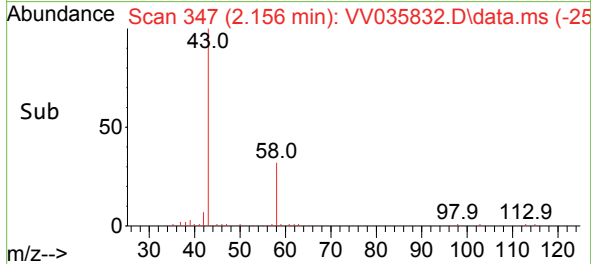
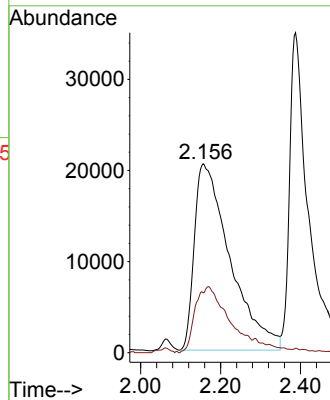
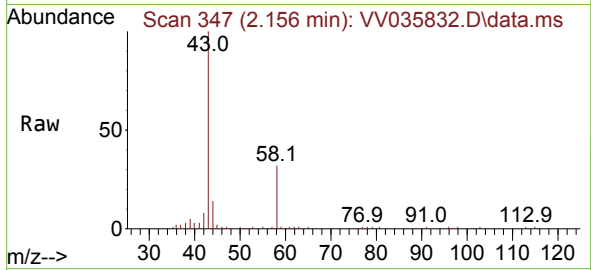
ClientSampleId :

Tgt Ion: 43 Resp: 127110

Ion Ratio Lower Upper

43 100

58 8.9 0.0 22.8



#14

Carbon disulfide

Concen: 15.627 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.006 min

Lab File: VV035832.D

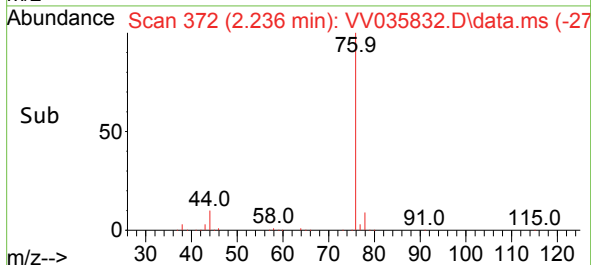
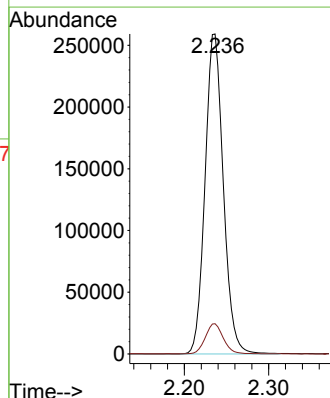
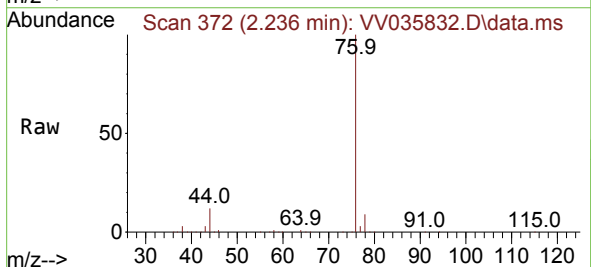
Acq: 28 May 2024 08:50

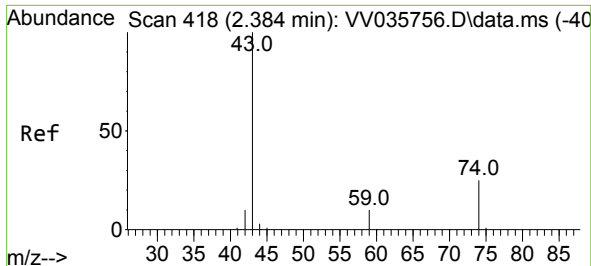
Tgt Ion: 76 Resp: 391664

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

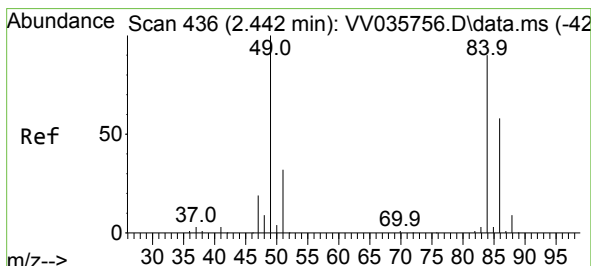
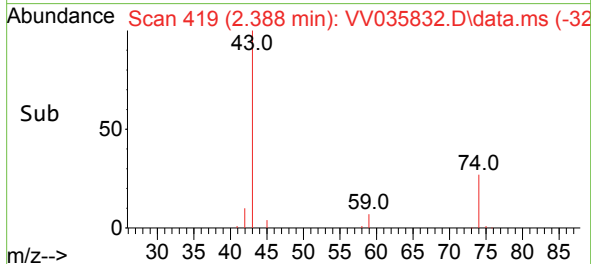
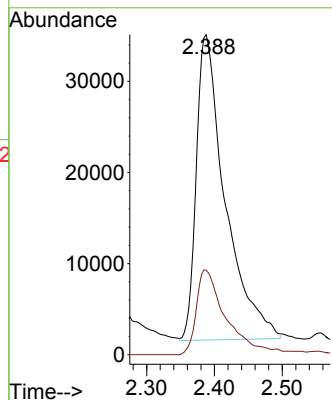
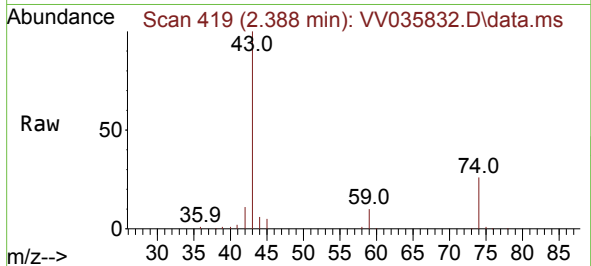




#15
Methyl Acetate
Concen: 20.219 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

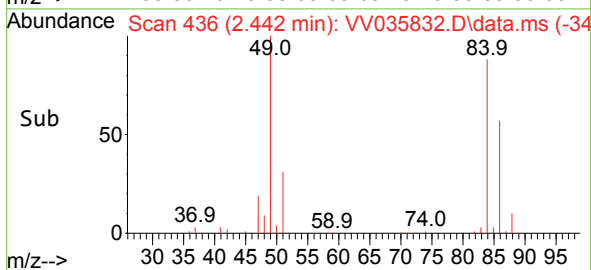
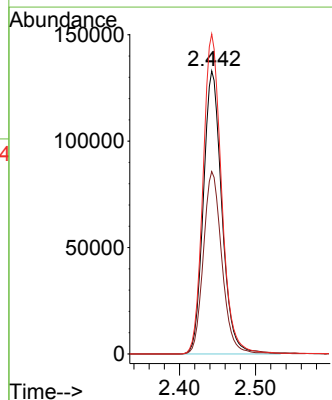
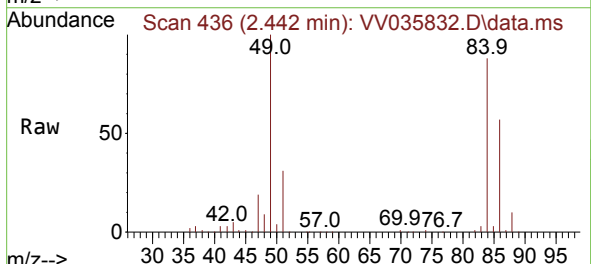
Instrument :
MSVOA_V
ClientSampleId :

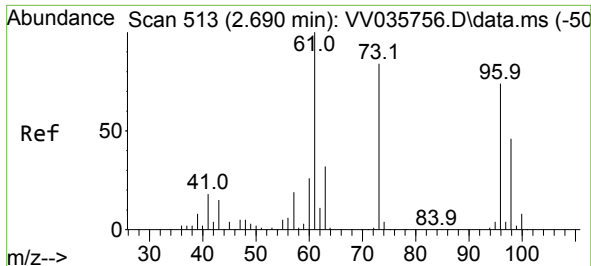
Tgt Ion: 43 Resp: 99215
Ion Ratio Lower Upper
43 100
74 28.0 18.6 27.8#



#16
Methylene chloride
Concen: 19.321 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

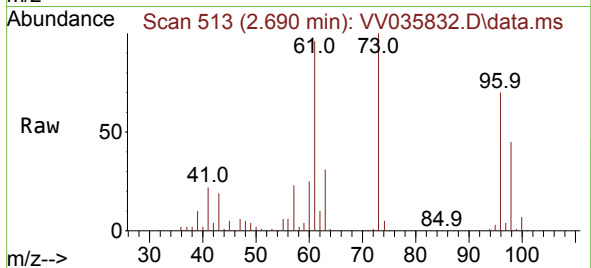
Tgt Ion: 84 Resp: 224740
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.3
49 113.0 75.3 139.9



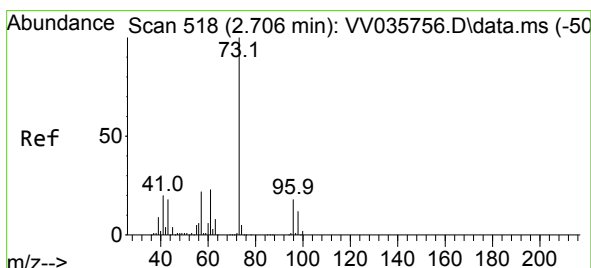
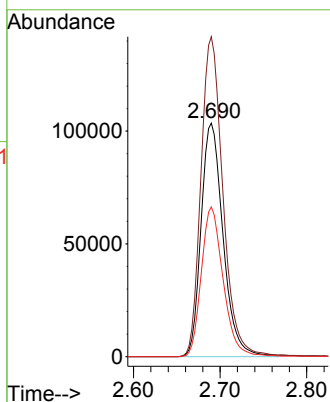
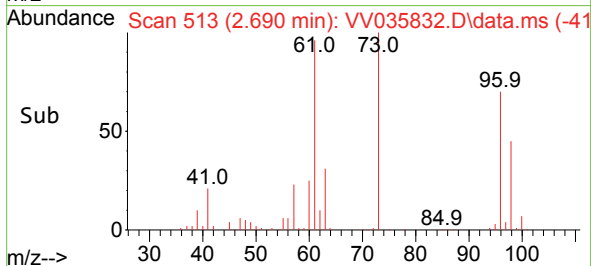


#17
trans-1,2-Dichloroethene
Concen: 20.827 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

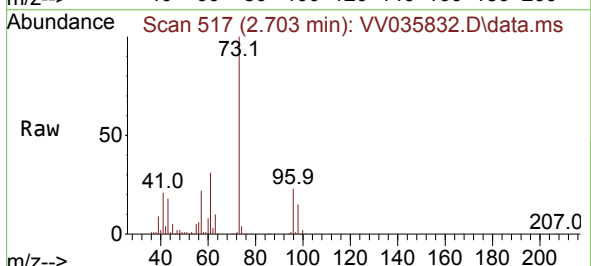
Instrument :
MSVOA_V
ClientSampleId :



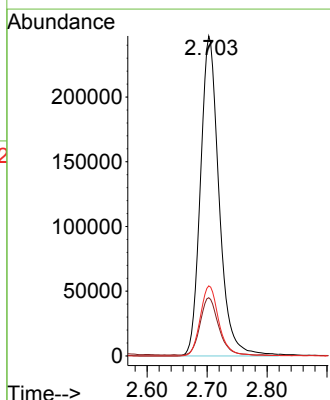
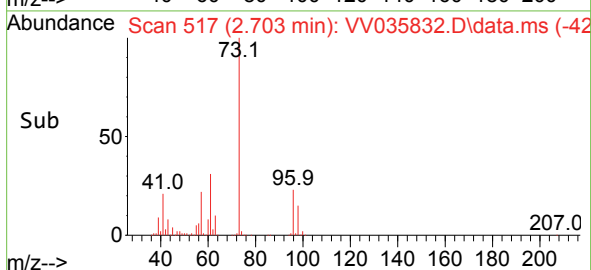
Tgt Ion:	96	Resp:	182954
Ion	Ratio	Lower	Upper
96	100		
61	136.9	95.5	177.4
98	64.1	46.0	85.4

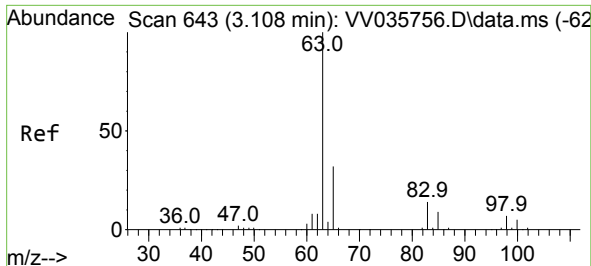


#18
Methyl tert-butyl Ether
Concen: 25.211 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50



Tgt Ion:	73	Resp:	534201
Ion	Ratio	Lower	Upper
73	100		
43	17.7	13.3	19.9
57	22.0	17.4	26.2





#19

1,1-Dichloroethane

Concen: 24.498 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

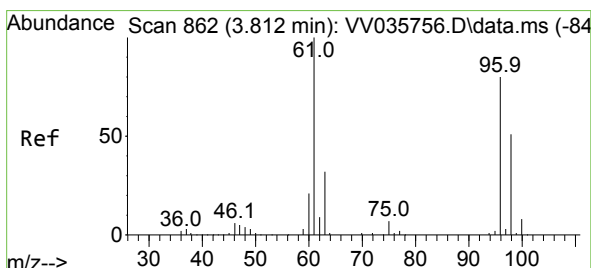
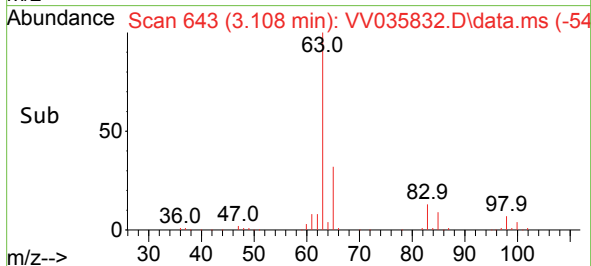
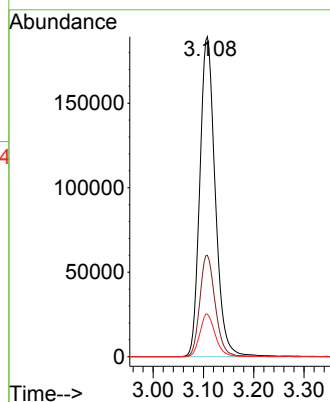
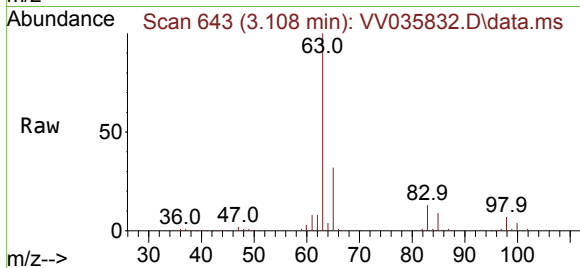
Tgt Ion: 63 Resp: 403440

Ion Ratio Lower Upper

63 100

65 31.7 22.7 42.3

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.726 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

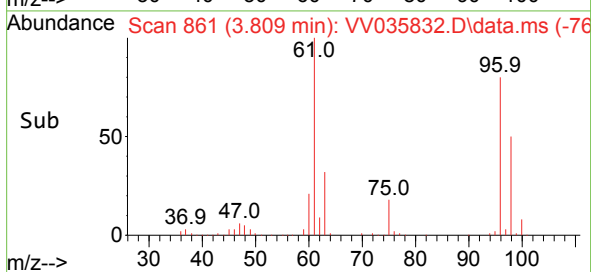
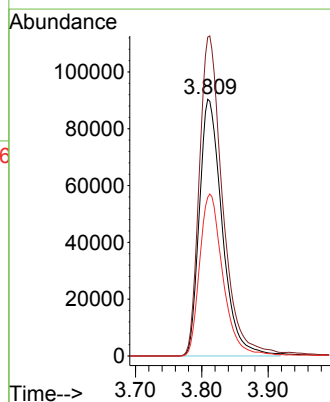
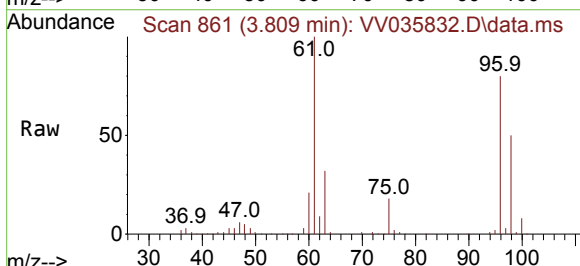
Tgt Ion: 96 Resp: 216417

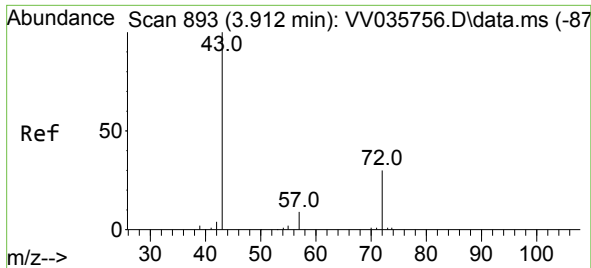
Ion Ratio Lower Upper

96 100

61 124.2 83.9 155.9

98 61.8 44.0 81.8

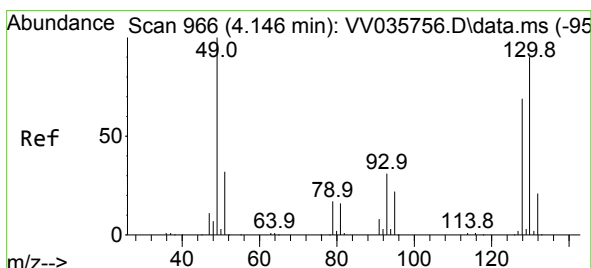
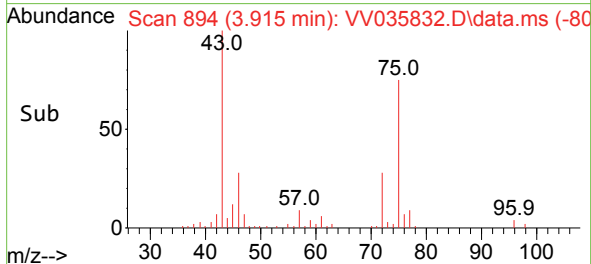
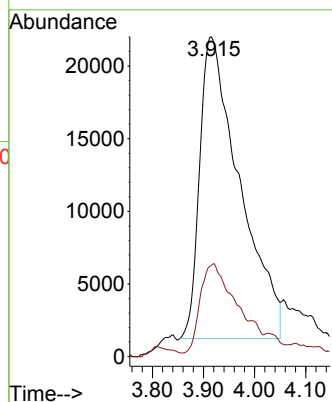
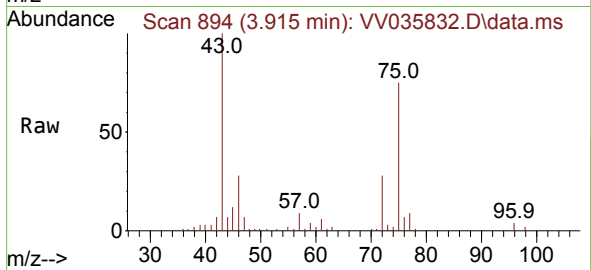




#22
2-Butanone
Concen: 37.483 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

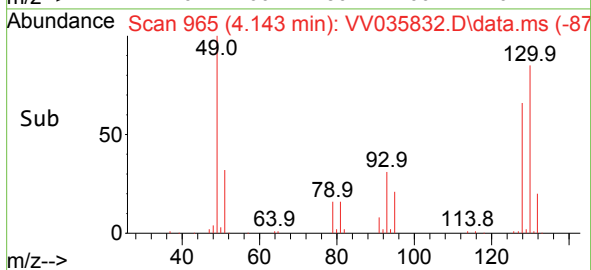
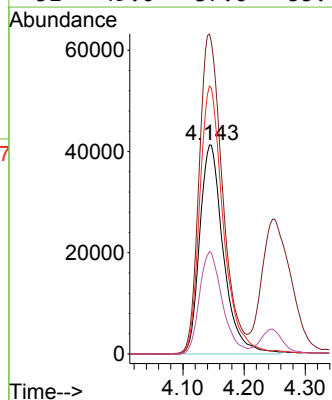
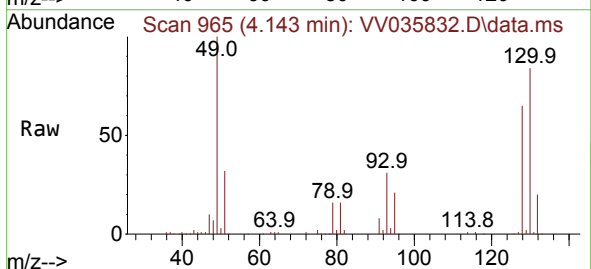
Instrument :
MSVOA_V
ClientSampleId :

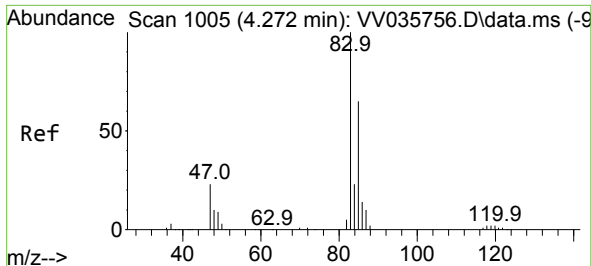
Tgt Ion: 43 Resp: 112741
Ion Ratio Lower Upper
43 100
72 24.5 12.3 36.9



#23
Bromochloromethane
Concen: 24.066 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 128 Resp: 110844
Ion Ratio Lower Upper
128 100
49 153.1 103.1 191.5
130 128.2 91.8 170.4
51 49.0 37.0 55.4

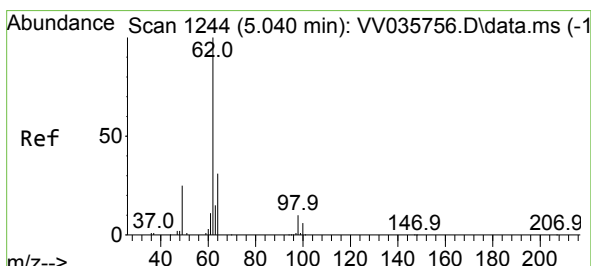
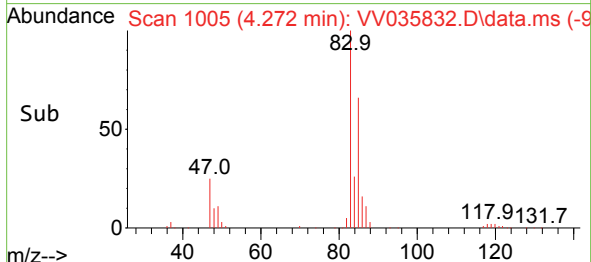
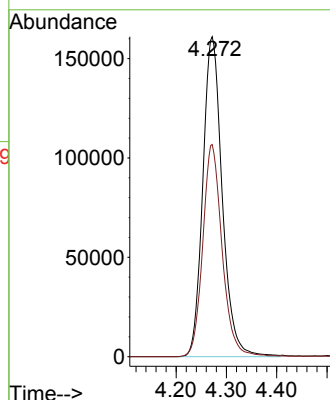
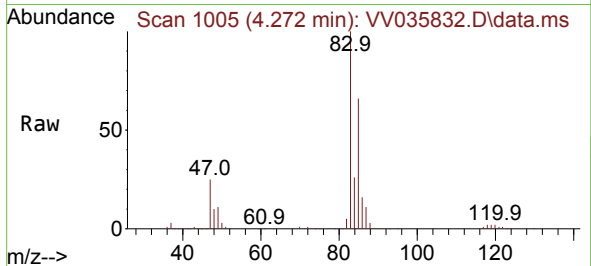




#25
Chloroform
Concen: 25.421 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

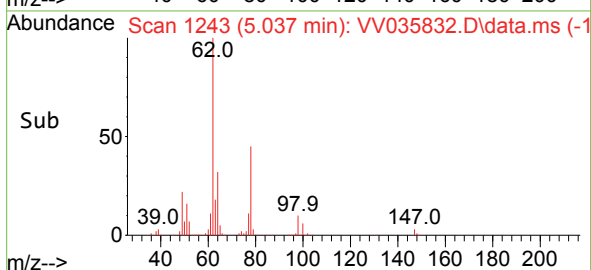
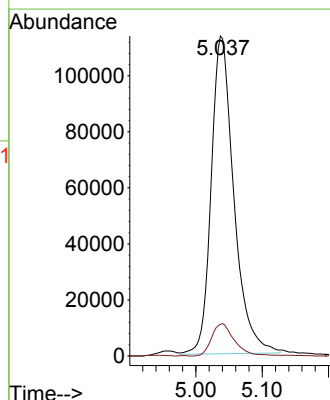
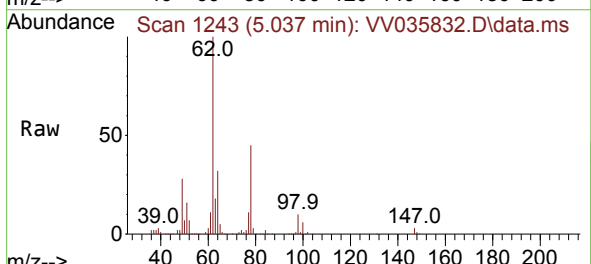
Instrument :
MSVOA_V
ClientSampleId :

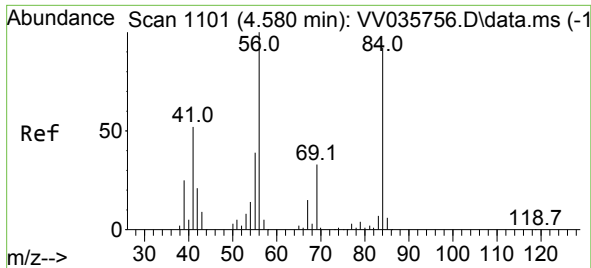
Tgt Ion: 83 Resp: 432288
Ion Ratio Lower Upper
83 100
85 66.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 25.497 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 62 Resp: 269999
Ion Ratio Lower Upper
62 100
98 9.9 8.2 12.2





#29

Cyclohexane

Concen: 20.231 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

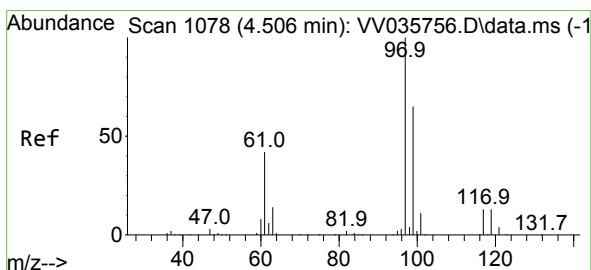
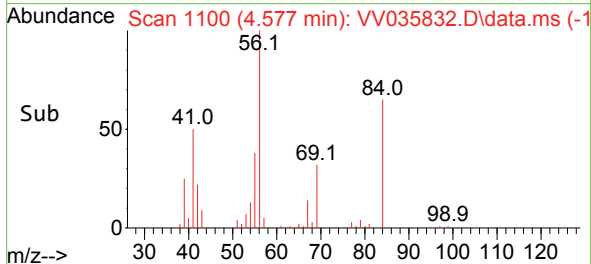
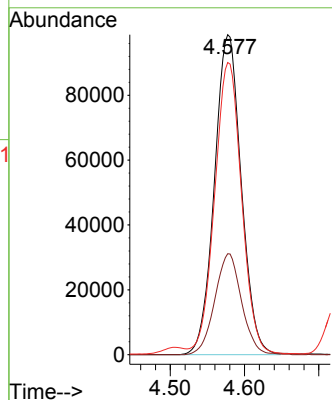
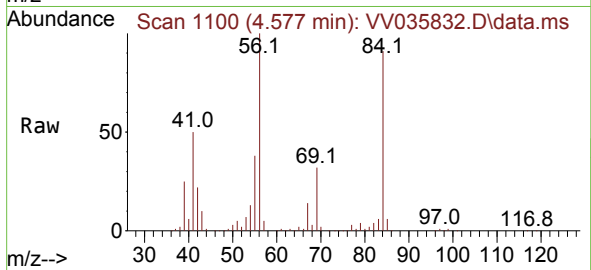
Tgt Ion: 56 Resp: 247646

Ion Ratio Lower Upper

56 100

69 31.5 25.6 38.4

84 91.2 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 24.513 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

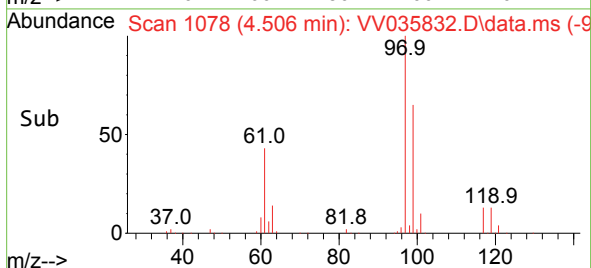
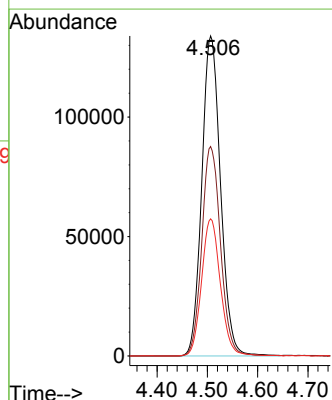
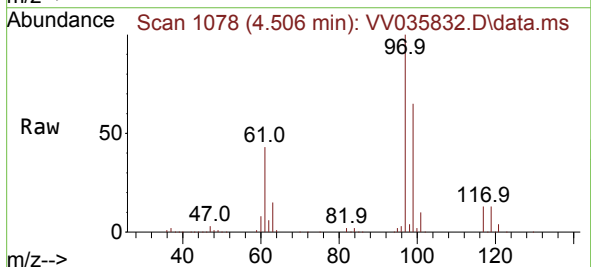
Tgt Ion: 97 Resp: 347913

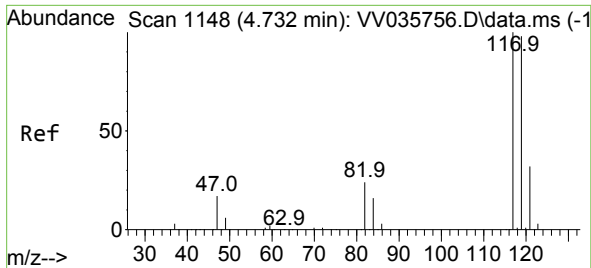
Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

61 43.0 33.5 50.3

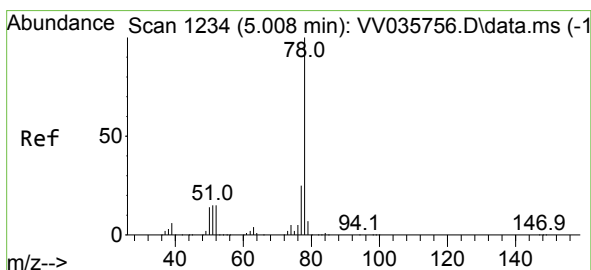
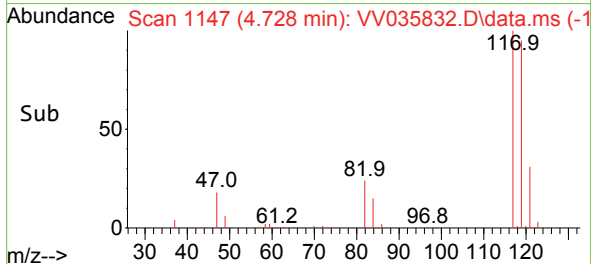
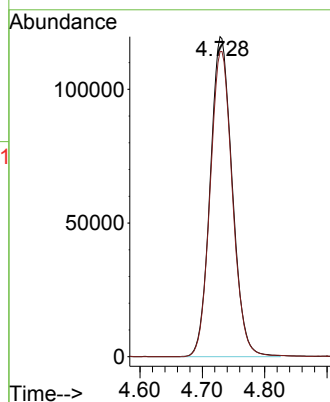
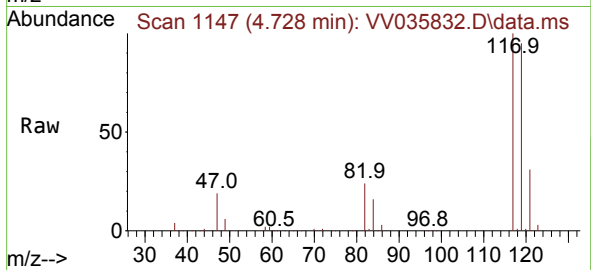




#31
Carbon tetrachloride
Concen: 23.581 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

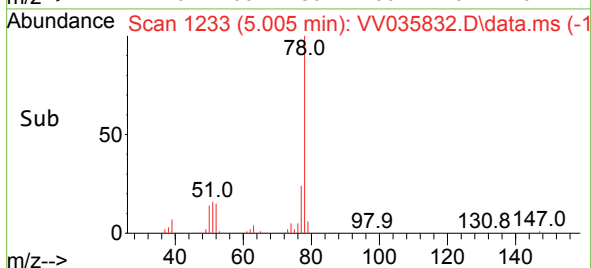
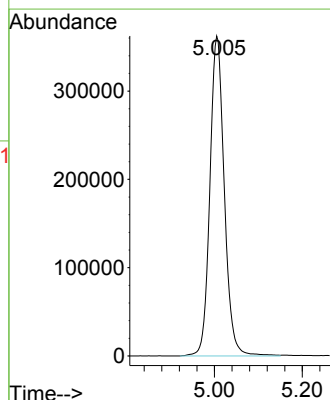
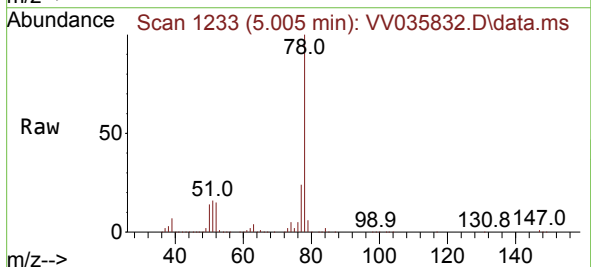
Instrument :
MSVOA_V
ClientSampleId :

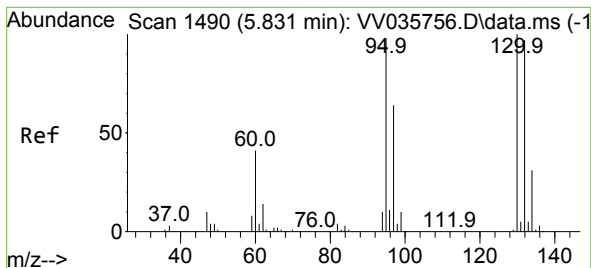
Tgt Ion:117 Resp: 293653
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9



#33
Benzene
Concen: 24.406 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 78 Resp: 826826





#34

Trichloroethene

Concen: 24.761 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 237284

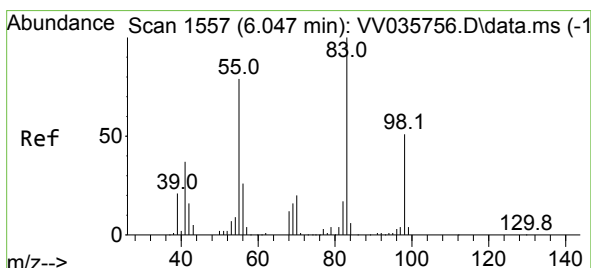
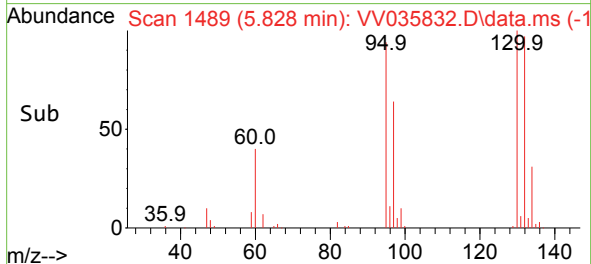
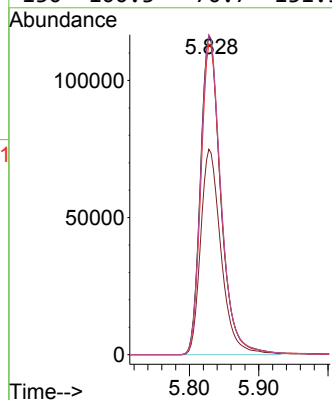
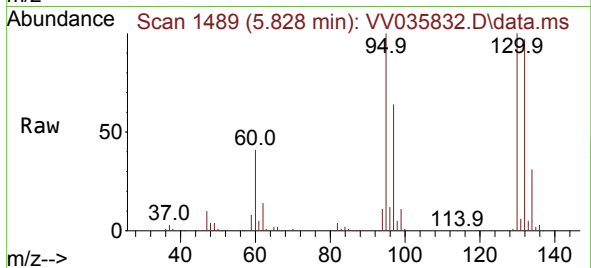
Ion Ratio Lower Upper

95 100

97 64.4 43.8 81.4

132 97.4 67.1 124.7

130 100.3 70.7 131.3



#35

Methylcyclohexane

Concen: 20.707 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

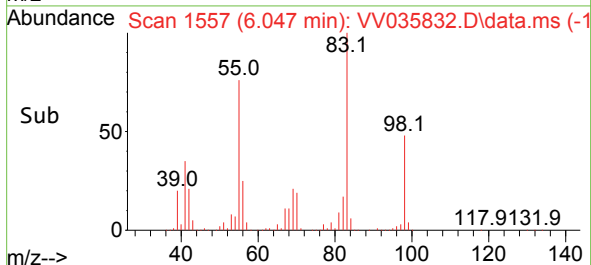
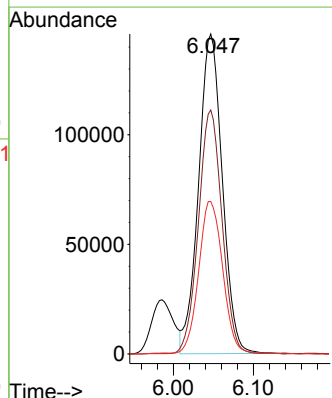
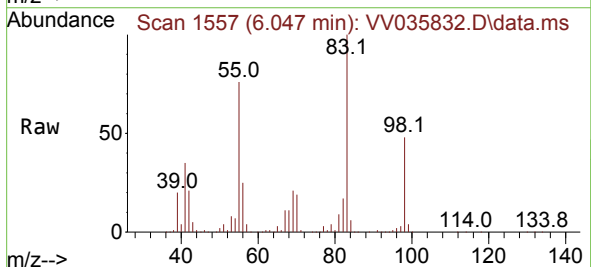
Tgt Ion: 83 Resp: 301266

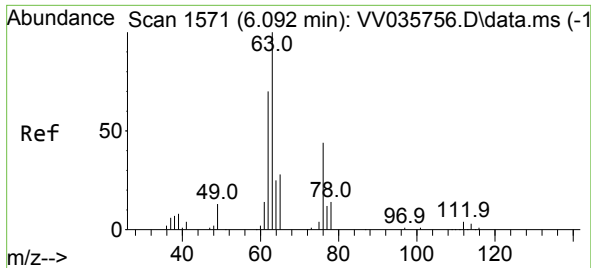
Ion Ratio Lower Upper

83 100

55 75.6 57.5 86.3

98 48.5 38.6 58.0

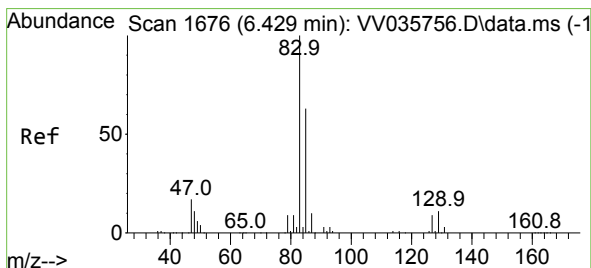
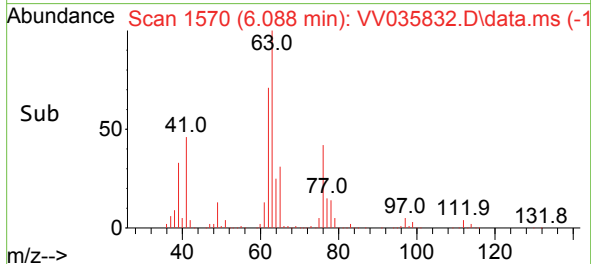
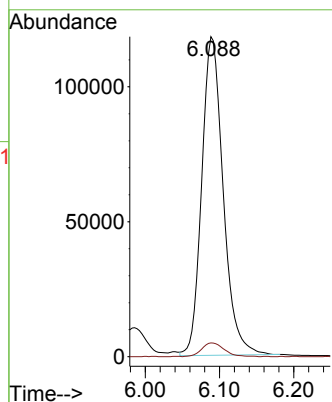
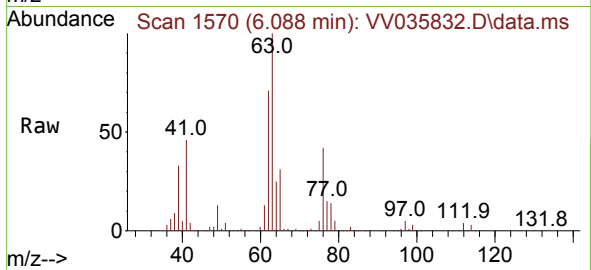




#37
1,2-Dichloropropane
Concen: 26.847 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

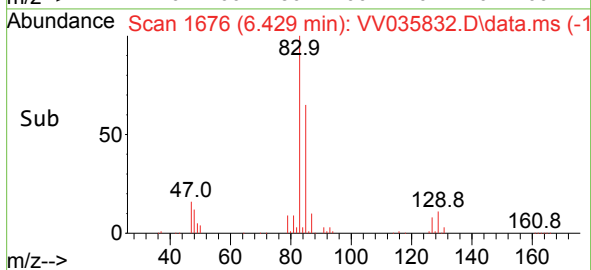
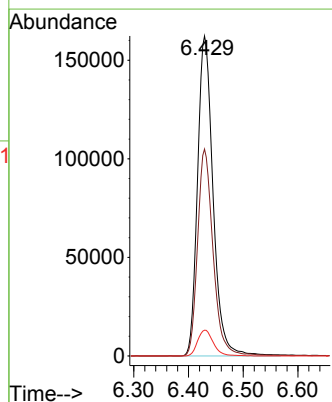
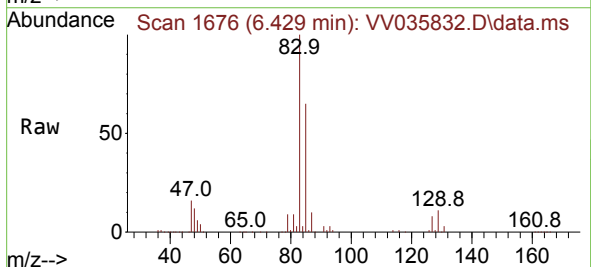
Instrument :
MSVOA_V
ClientSampleId :

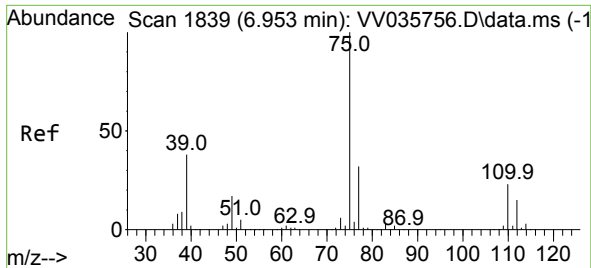
Tgt Ion: 63 Resp: 237296
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 26.778 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 83 Resp: 320628
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9
127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 24.360 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

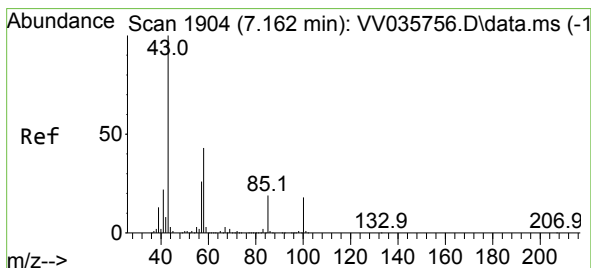
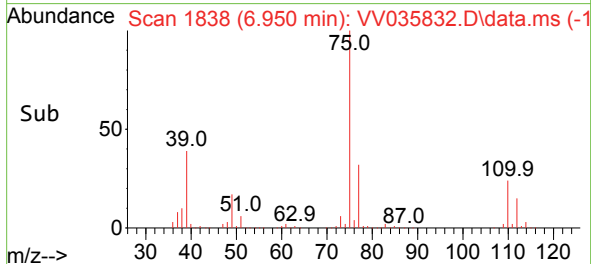
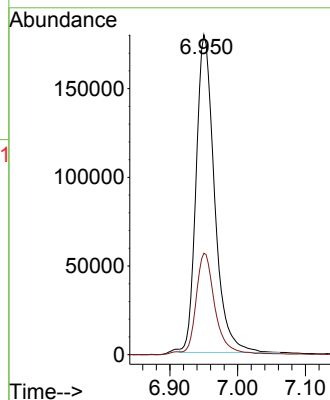
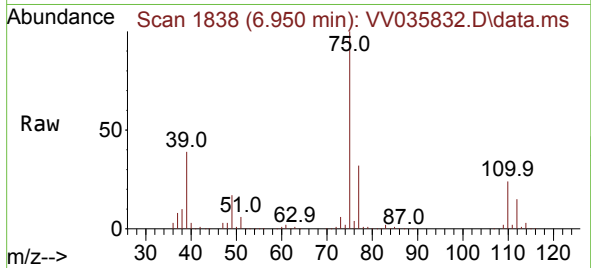
ClientSampleId :

Tgt Ion: 75 Resp: 336764

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.630 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

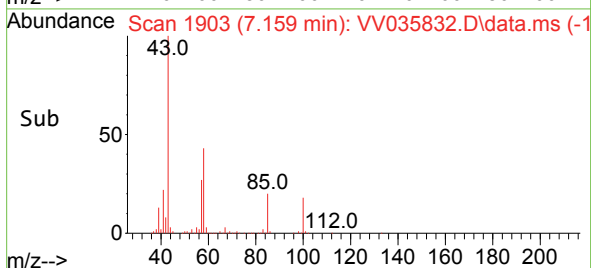
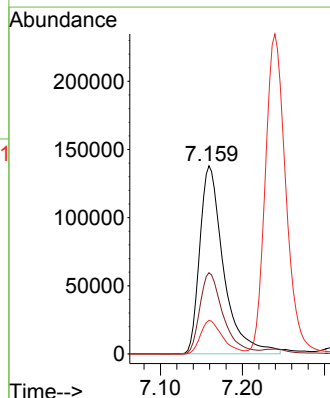
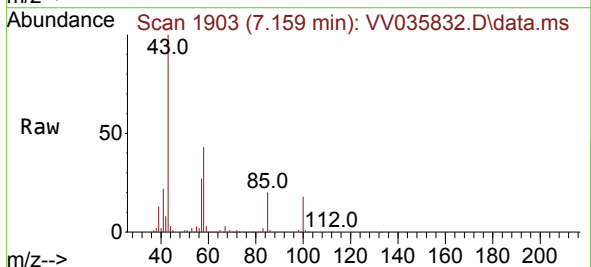
Tgt Ion: 43 Resp: 278600

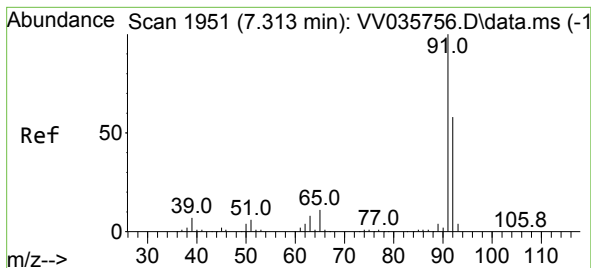
Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2

100 16.7 13.9 20.9





#42

Toluene

Concen: 24.808 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

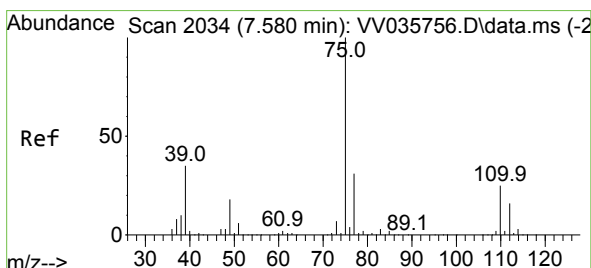
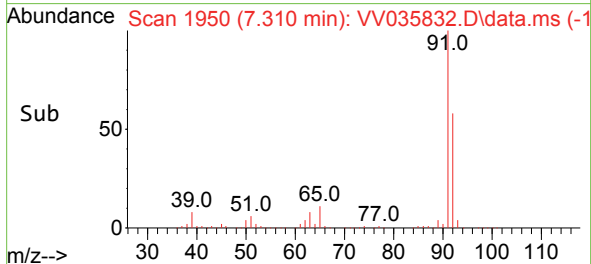
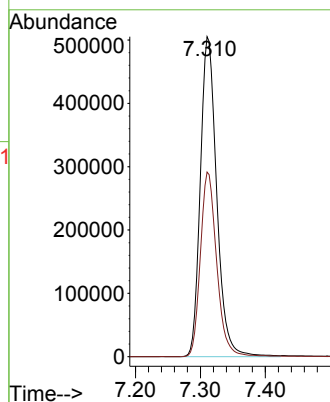
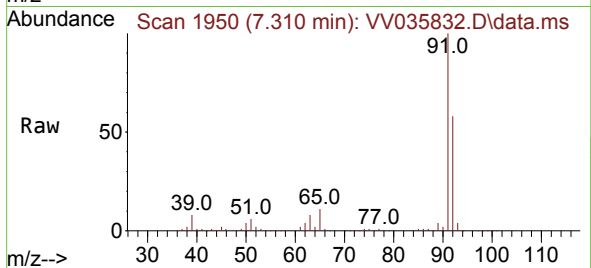
ClientSampleId :

Tgt Ion: 91 Resp: 889414

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 26.650 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035832.D

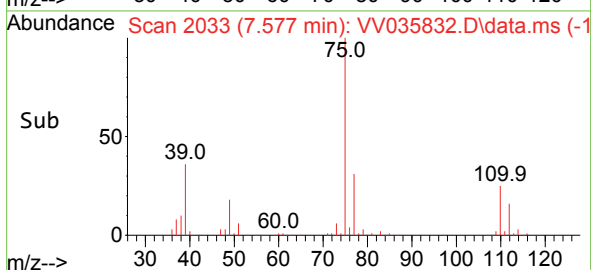
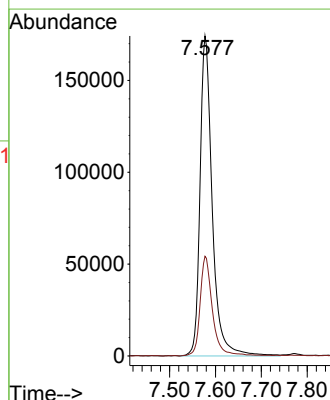
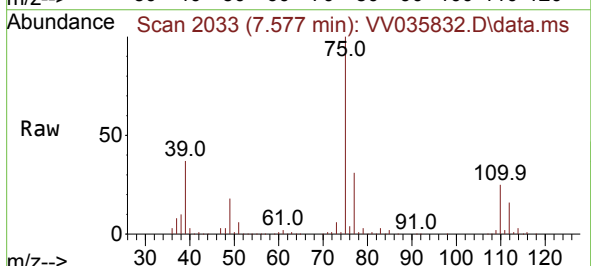
Acq: 28 May 2024 08:50

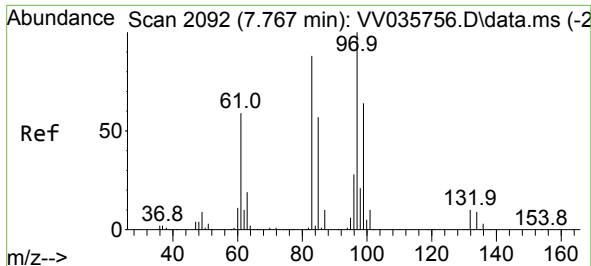
Tgt Ion: 75 Resp: 322293

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



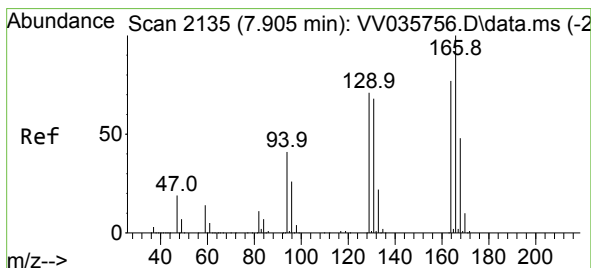
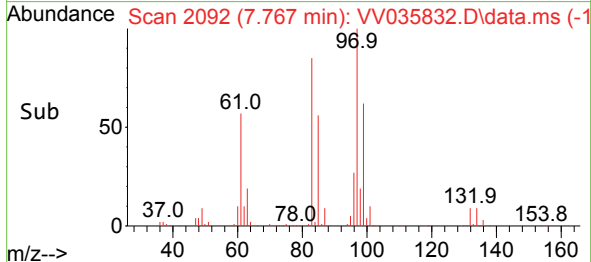
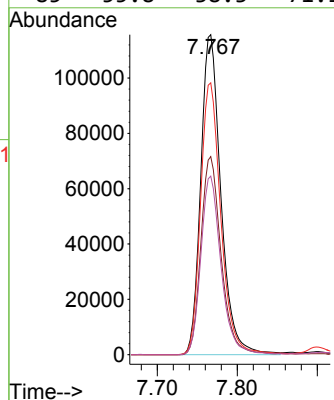
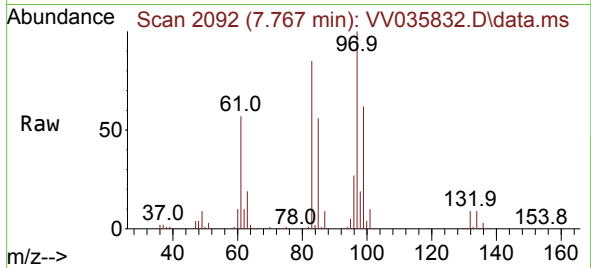


#45
1,1,2-Trichloroethane
Concen: 27.101 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 203534

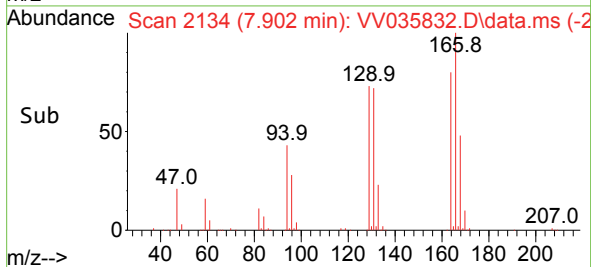
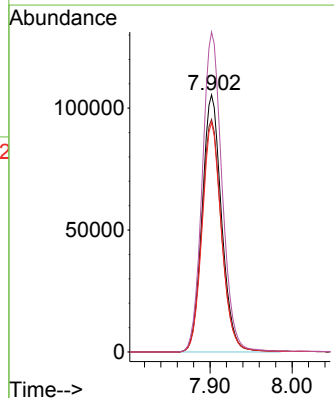
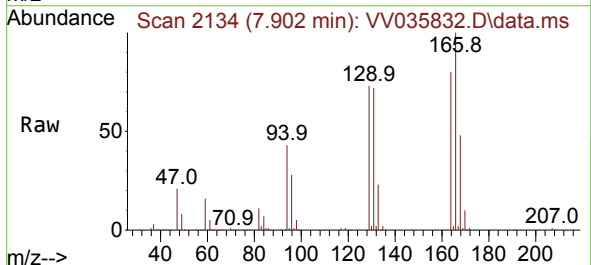
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	85.0	60.3	111.9
85	55.8	38.3	71.1

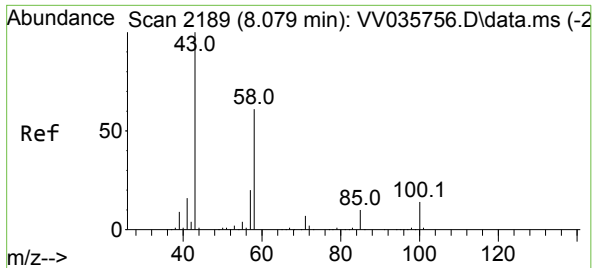


#46
Tetrachloroethene
Concen: 22.332 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 164 Resp: 173861

Ion	Ratio	Lower	Upper
164	100		
129	90.5	63.4	117.8
131	89.2	61.0	113.4
166	124.5	88.8	164.8



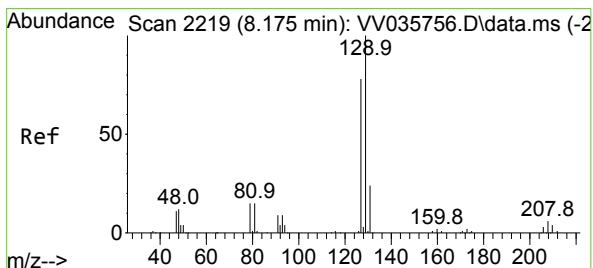
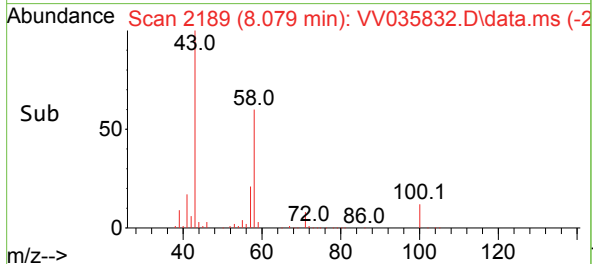
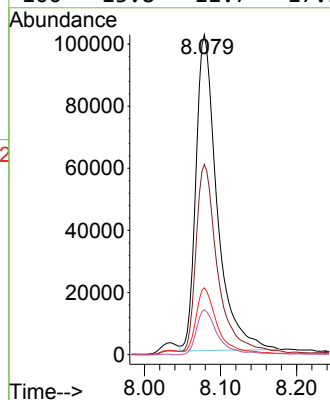
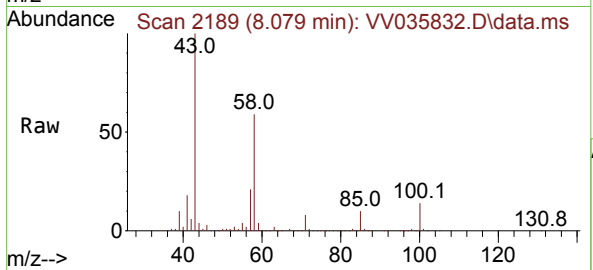


#48
2-Hexanone
Concen: 49.668 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 197129

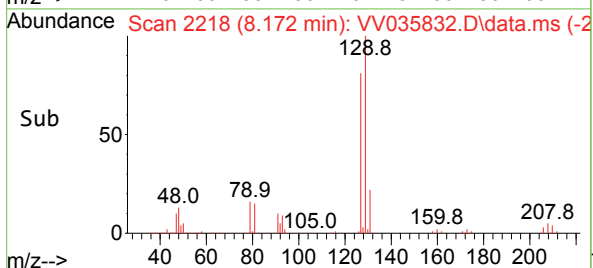
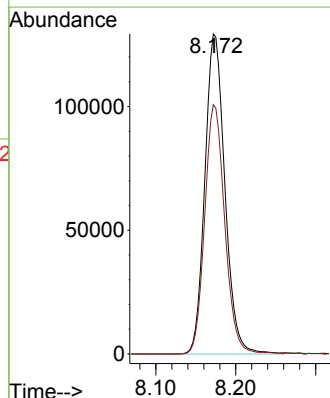
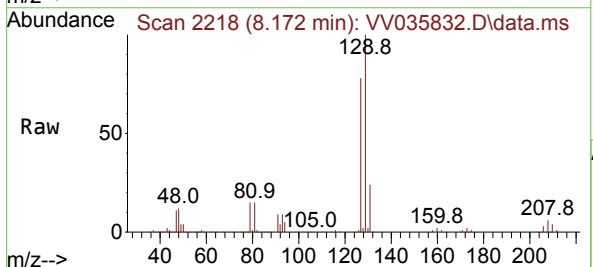
Ion	Ratio	Lower	Upper
43	100		
58	60.1	48.8	73.2
57	20.8	16.9	25.3
100	13.8	11.7	17.5

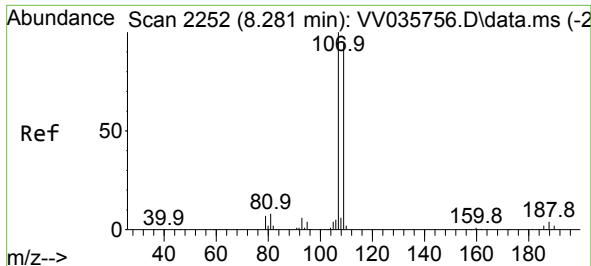


#49
Dibromochloromethane
Concen: 26.588 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 129 Resp: 225307

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.8	99.8

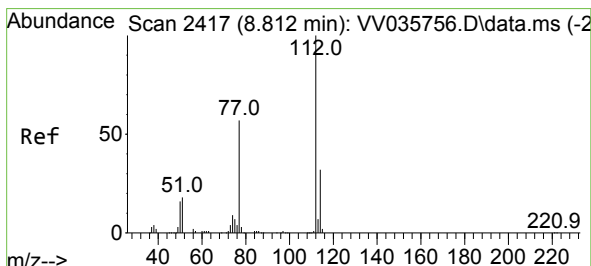
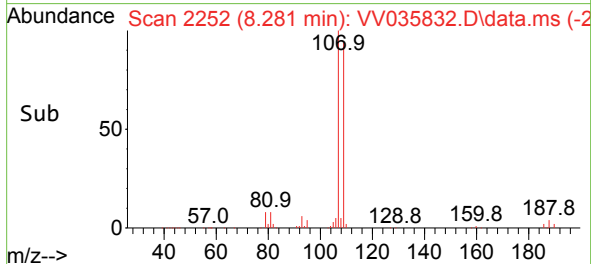
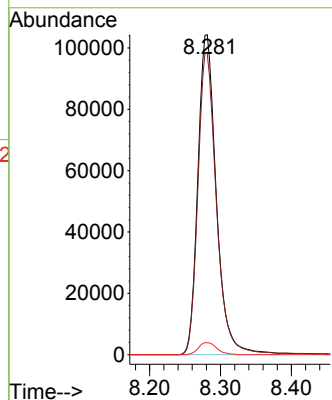
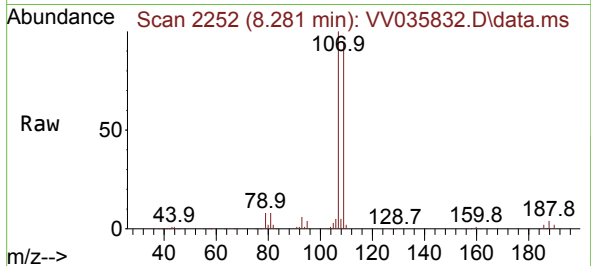




#50
1,2-Dibromoethane
Concen: 25.533 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

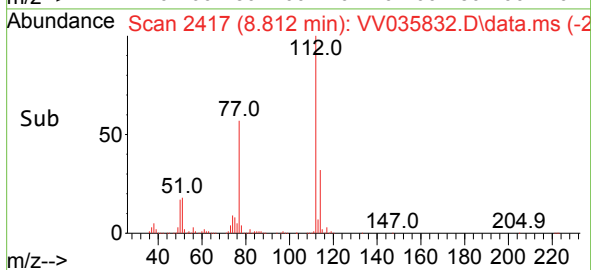
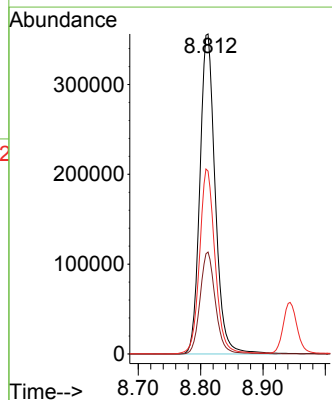
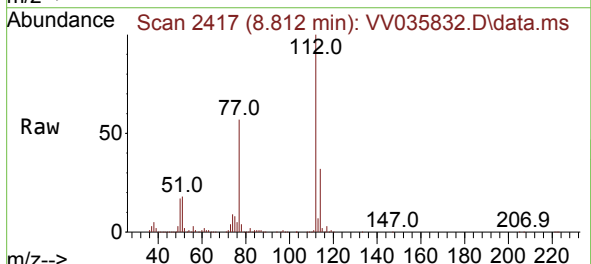
Instrument :
MSVOA_V
ClientSampleId :

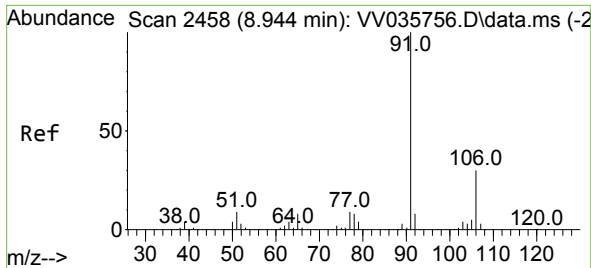
Tgt Ion:107 Resp: 188910
Ion Ratio Lower Upper
107 100
109 94.1 65.4 121.4
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 24.493 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion:112 Resp: 609302
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 57.2 46.6 69.8

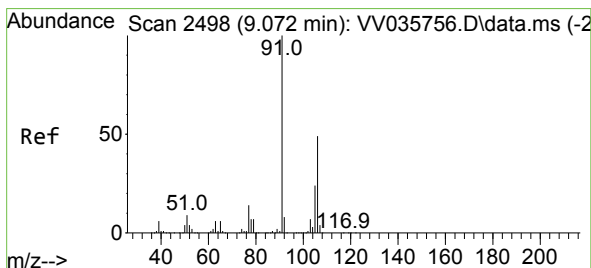
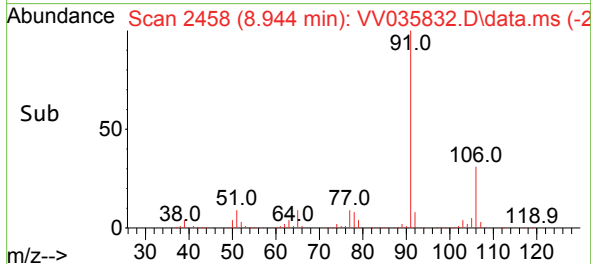
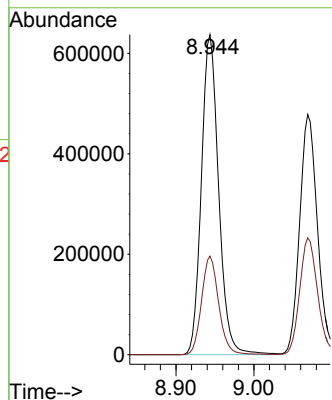
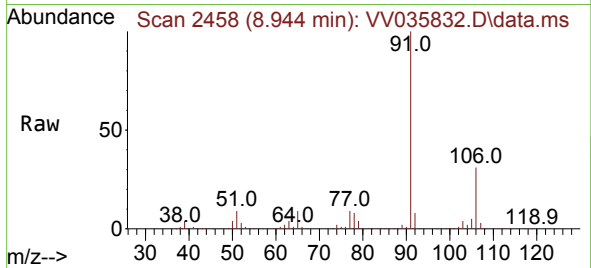




#52
Ethylbenzene
Concen: 24.802 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

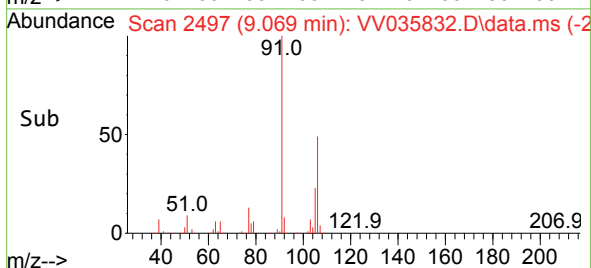
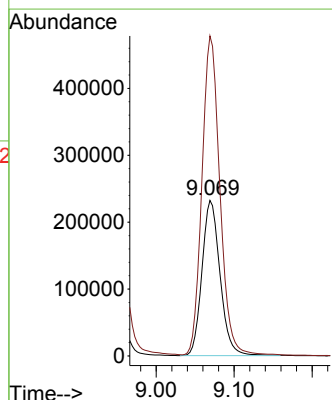
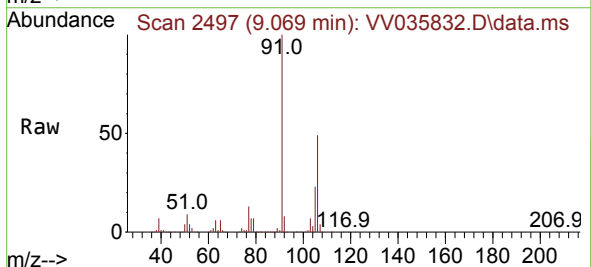
Instrument :
MSVOA_V
ClientSampleId :

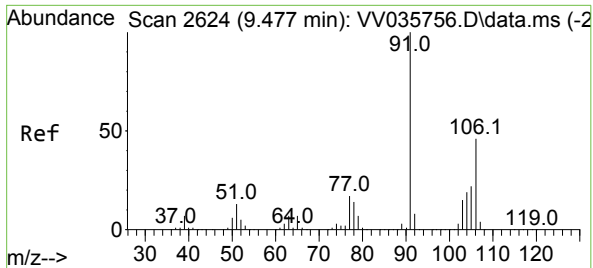
Tgt Ion: 91 Resp: 981789
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 24.858 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 106 Resp: 373322
Ion Ratio Lower Upper
106 100
91 205.8 142.7 264.9

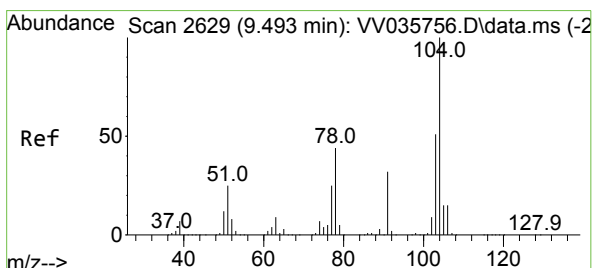
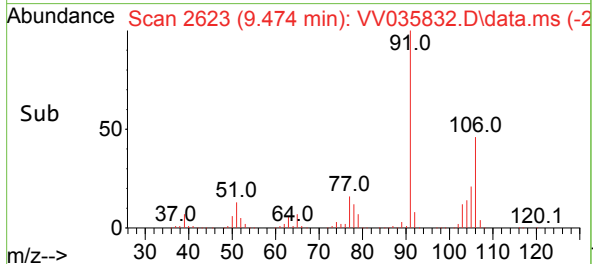
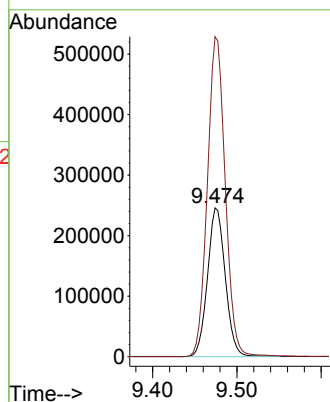
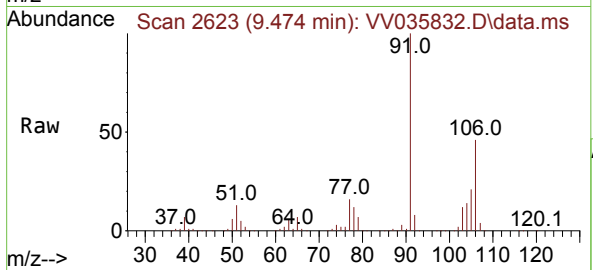




#54
o-Xylene
Concen: 25.417 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

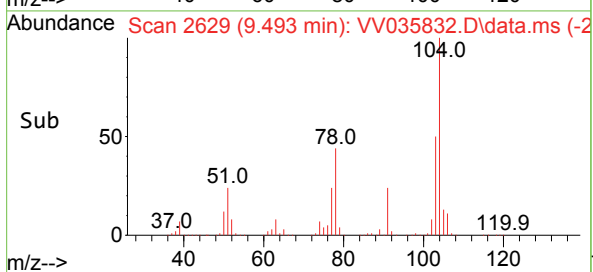
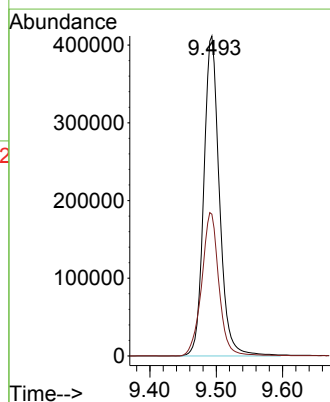
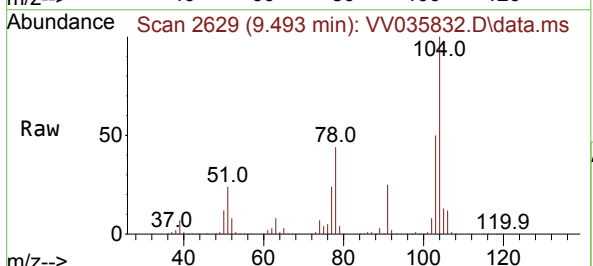
Instrument :
MSVOA_V
ClientSampleId :

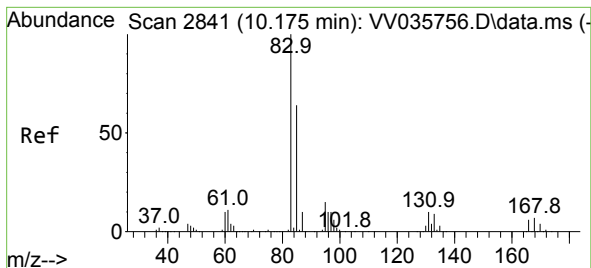
Tgt Ion:106 Resp: 361785
Ion Ratio Lower Upper
106 100
91 215.1 150.9 280.3



#55
Styrene
Concen: 27.163 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion:104 Resp: 674365
Ion Ratio Lower Upper
104 100
78 44.3 30.0 55.6

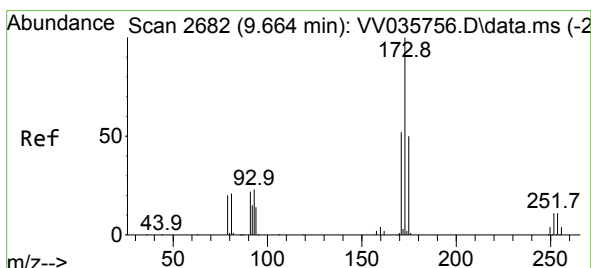
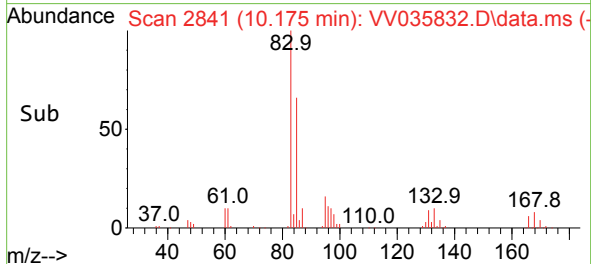
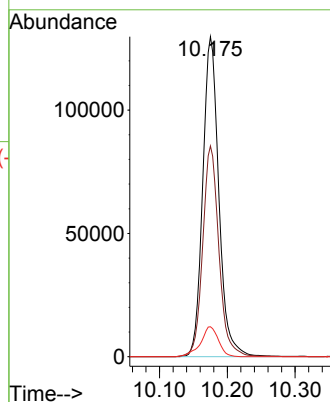
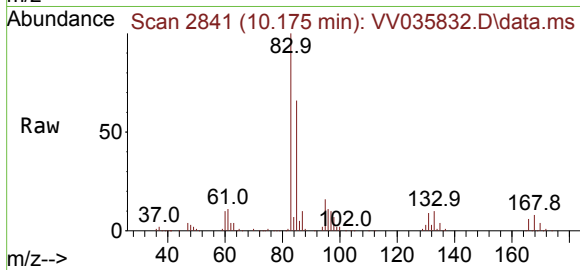




#57
1,1,2,2-Tetrachloroethane
Concen: 23.352 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

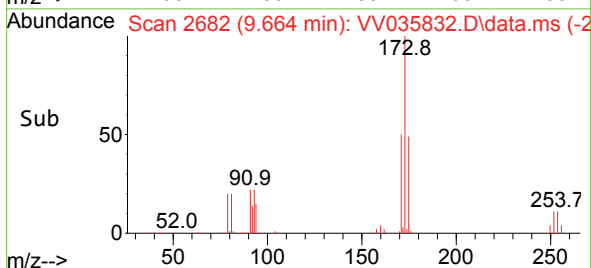
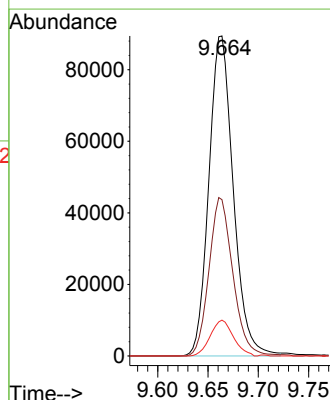
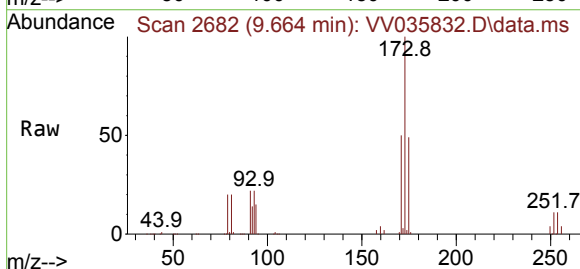
Instrument :
MSVOA_V
ClientSampleId :

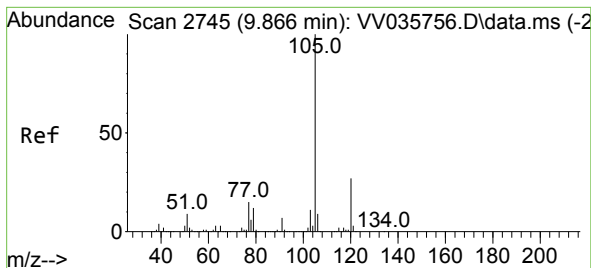
Tgt Ion: 83 Resp: 213633
Ion Ratio Lower Upper
83 100
85 65.9 44.7 83.1
131 9.3 8.0 12.0



#59
Bromoform
Concen: 27.205 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

Tgt Ion: 173 Resp: 151115
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.6 8.3 12.5





#60

Isopropylbenzene

Concen: 26.678 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

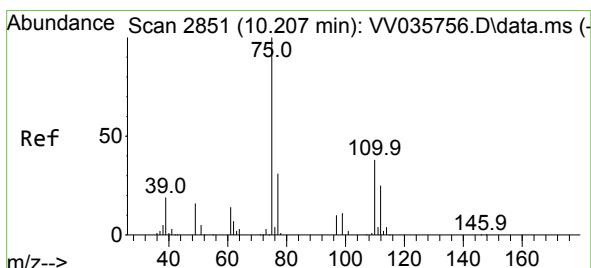
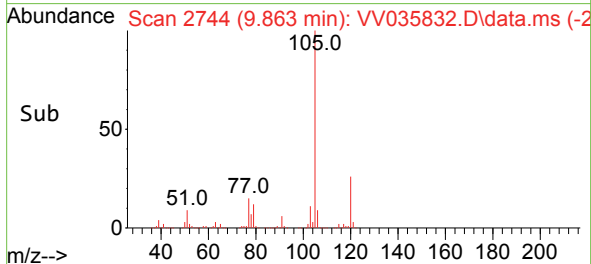
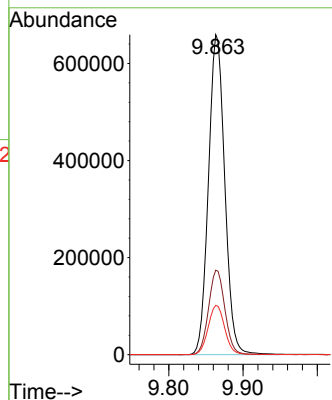
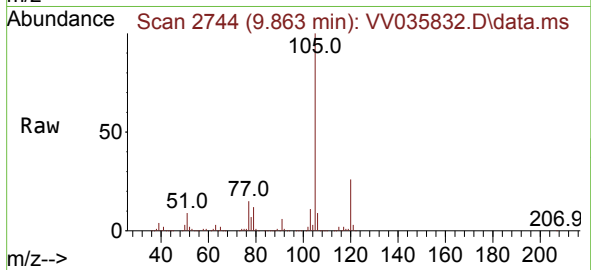
Tgt Ion:105 Resp: 1004465

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.5 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 27.602 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

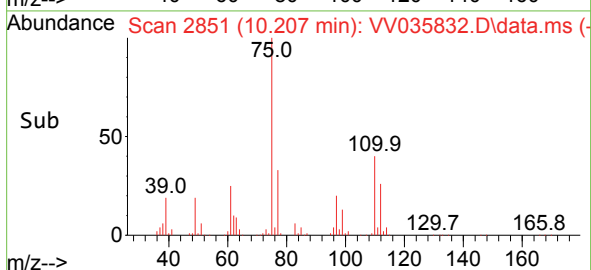
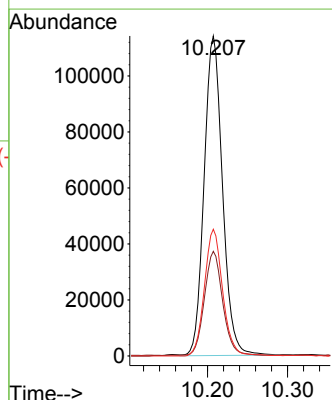
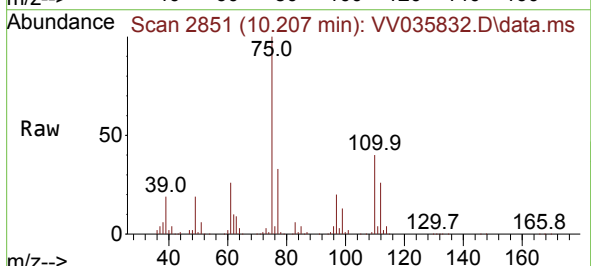
Tgt Ion: 75 Resp: 182819

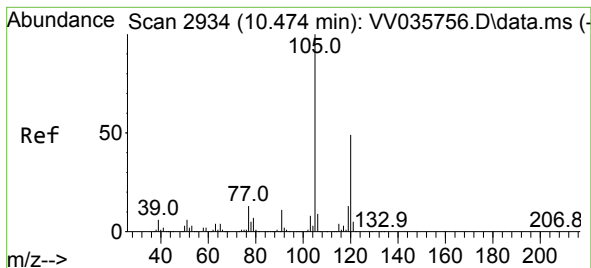
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 39.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 27.706 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

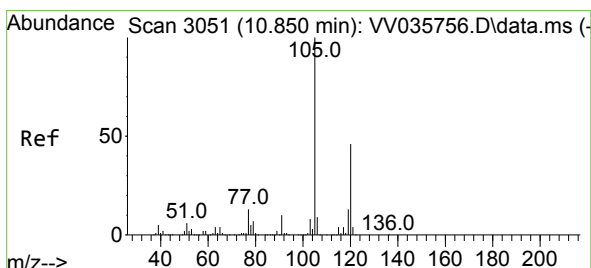
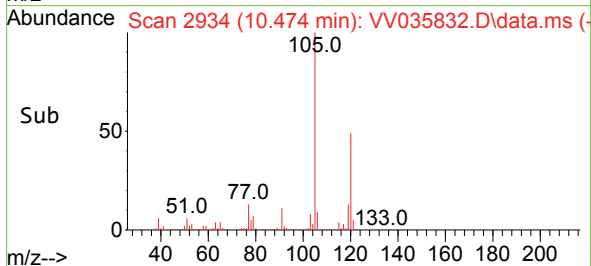
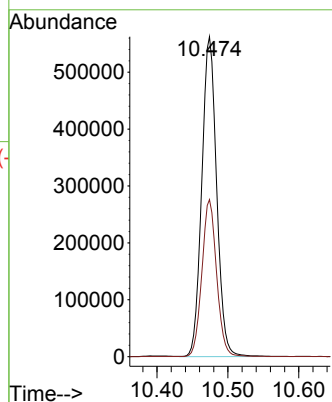
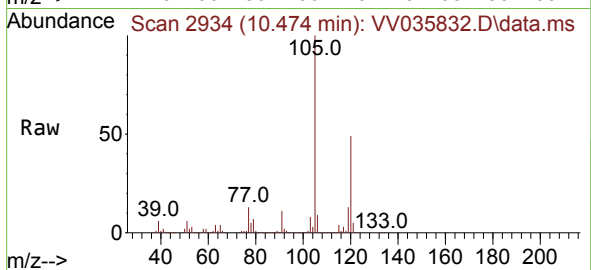
ClientSampleId :

Tgt Ion:105 Resp: 818329

Ion Ratio Lower Upper

105 100

120 48.5 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 27.371 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035832.D

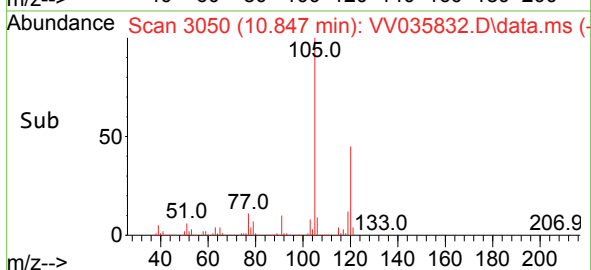
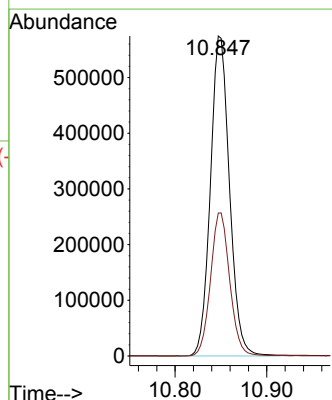
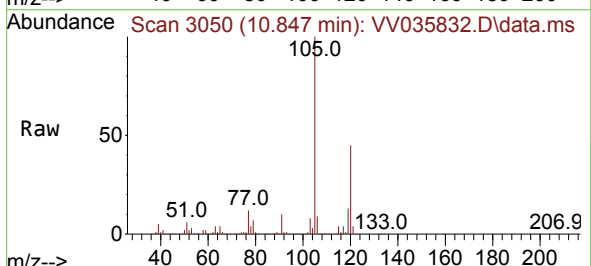
Acq: 28 May 2024 08:50

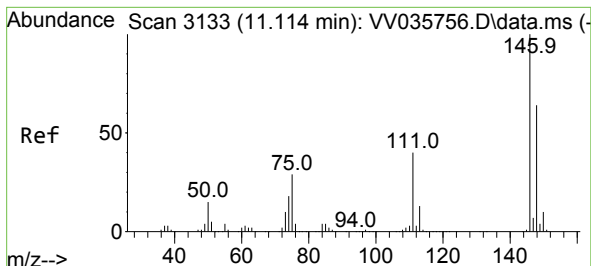
Tgt Ion:105 Resp: 830769

Ion Ratio Lower Upper

105 100

120 45.0 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 26.564 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

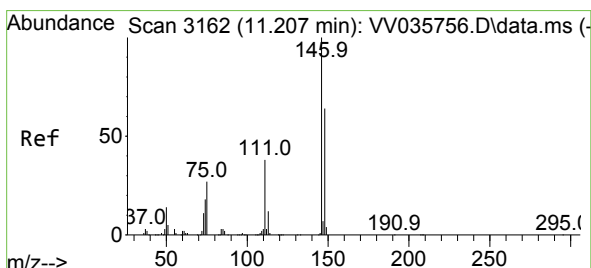
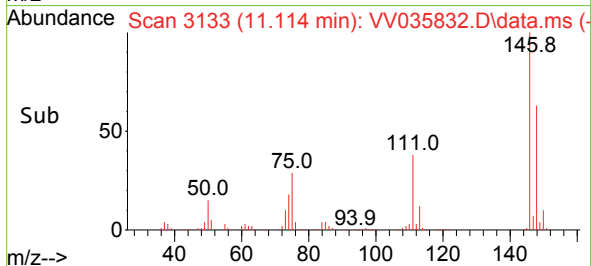
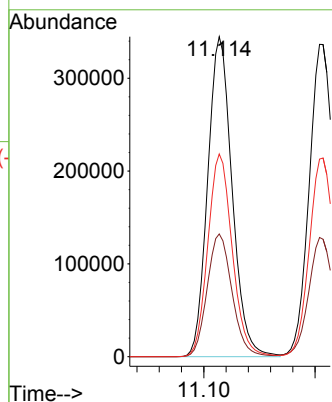
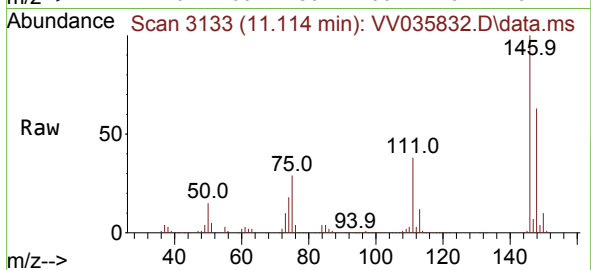
Tgt Ion:146 Resp: 524884

Ion Ratio Lower Upper

146 100

111 38.4 27.0 50.2

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 26.348 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

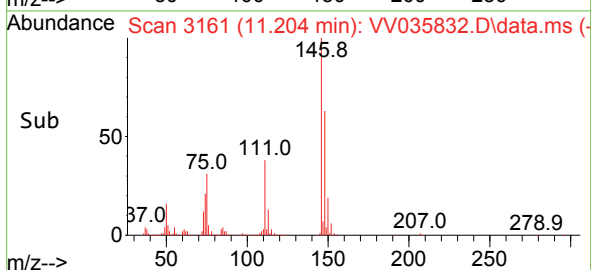
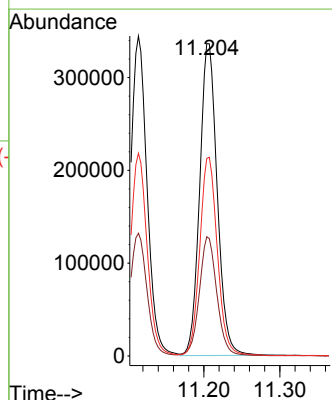
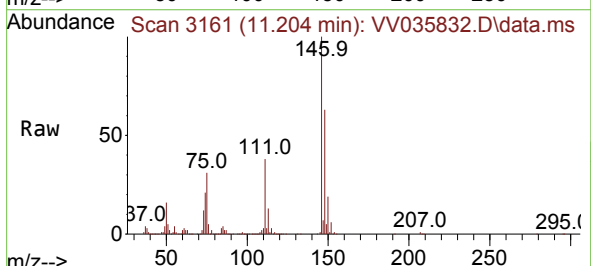
Tgt Ion:146 Resp: 538956

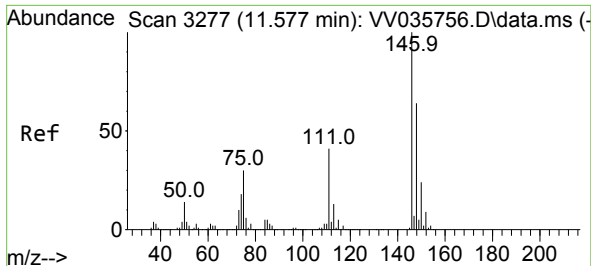
Ion Ratio Lower Upper

146 100

111 38.2 26.2 48.6

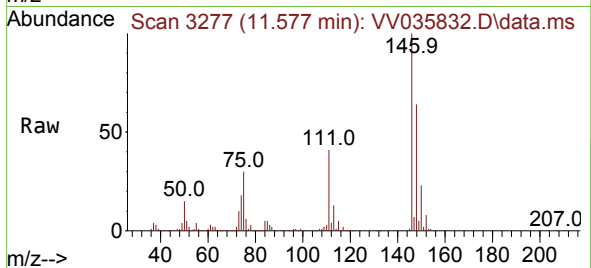
148 63.3 44.9 83.3



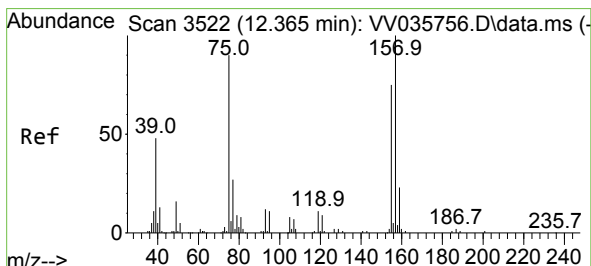
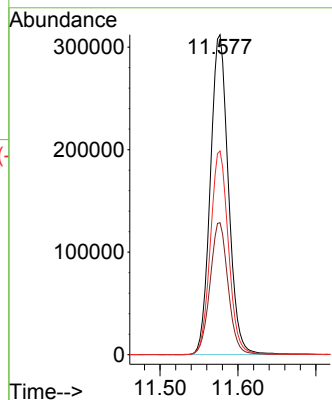
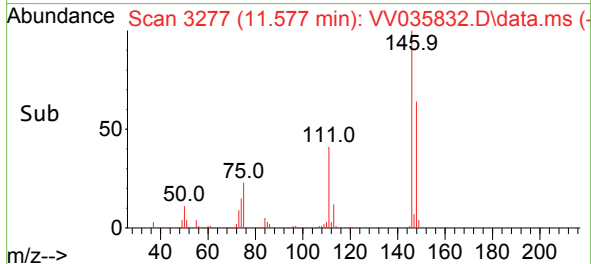


#67
1,2-Dichlorobenzene
Concen: 26.940 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50

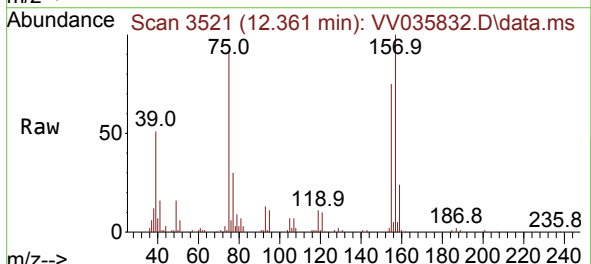
Instrument :
MSVOA_V
ClientSampleId :



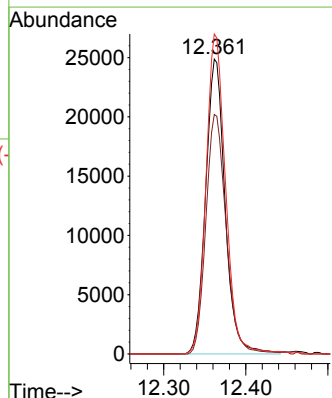
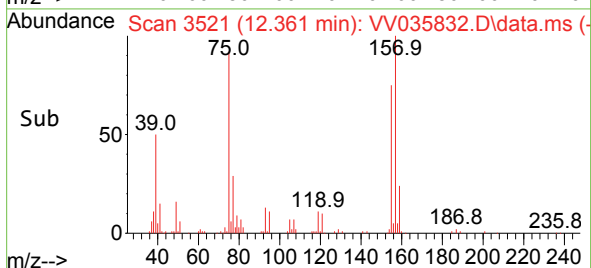
Tgt Ion:146 Resp: 501087
Ion Ratio Lower Upper
146 100
111 41.3 32.6 48.8
148 63.7 51.1 76.7

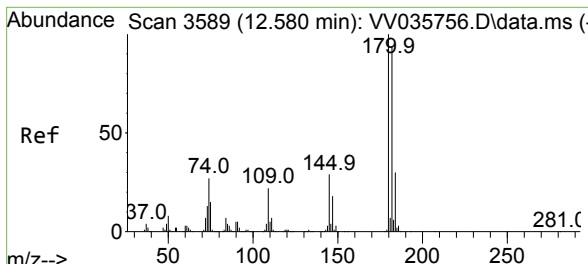


#68
1,2-Dibromo-3-chloropropane
Concen: 26.775 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.003 min
Lab File: VV035832.D
Acq: 28 May 2024 08:50



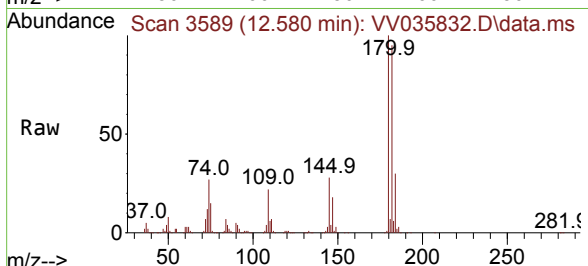
Tgt Ion: 75 Resp: 41130
Ion Ratio Lower Upper
75 100
155 81.2 69.8 104.6
157 108.5 95.0 142.6



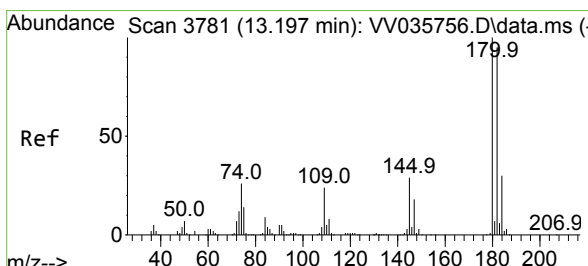
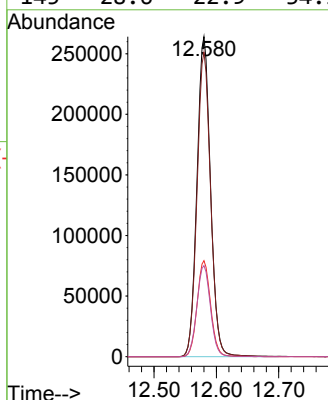
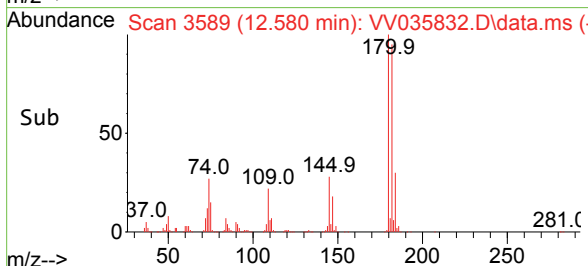


#69
 1,3,5-Trichlorobenzene
 Concen: 25.866 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50

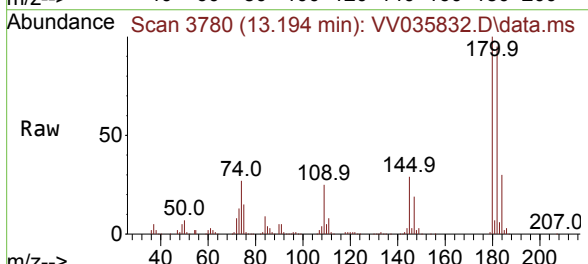
Instrument :
 MSVOA_V
 ClientSampleId :



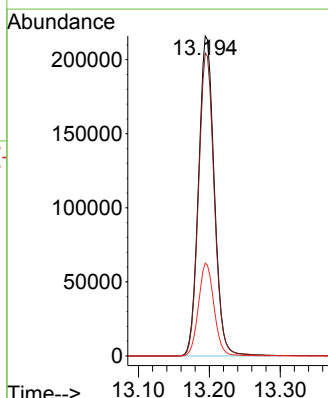
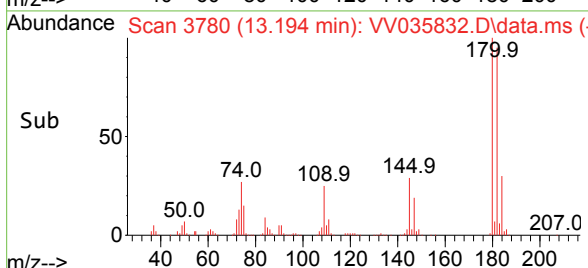
Tgt Ion:180 Resp: 399384
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 184 29.8 24.1 36.1
 145 28.6 22.9 34.3

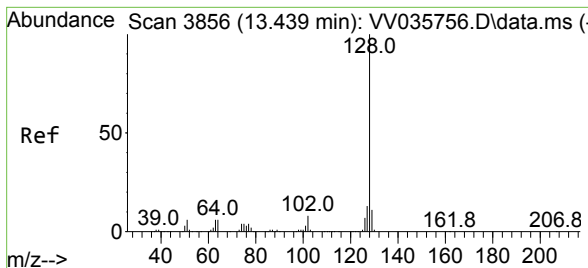


#70
 1,2,4-trichlorobenzene
 Concen: 25.845 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV035832.D
 Acq: 28 May 2024 08:50



Tgt Ion:180 Resp: 333230
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 145 28.6 23.2 34.8





#71

Naphthalene

Concen: 24.676 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Instrument :

MSVOA_V

ClientSampleId :

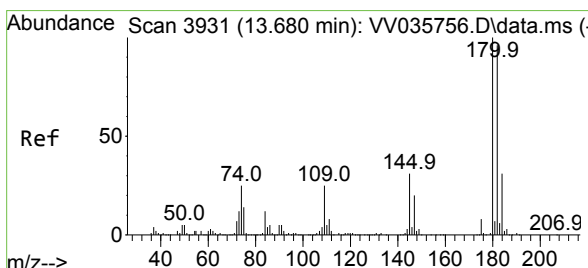
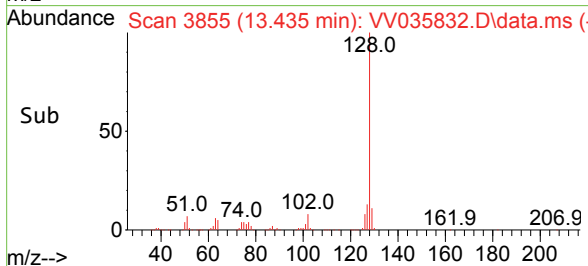
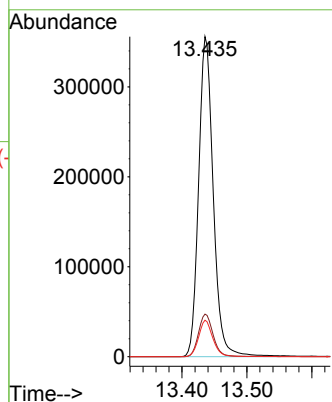
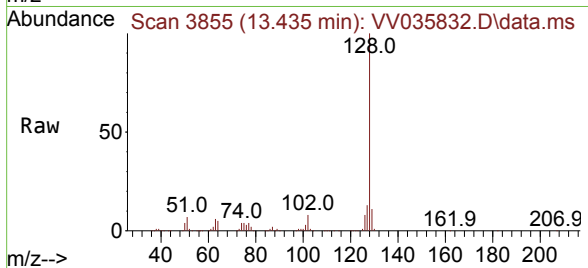
Tgt Ion:128 Resp: 558542

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.314 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035832.D

Acq: 28 May 2024 08:50

Tgt Ion:180 Resp: 316806

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 31.4 25.2 37.8

