

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052824\
 Data File : VW035856.D
 Acq On : 28 May 2024 18:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 02:31:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	476624	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	495631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	276123	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	172306	23.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
7) Chloroethane-d5	1.529	69	148436	24.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	2.053	65	76874	23.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.280%
21) 2-Butanone-d5	3.841	46	96736	46.271	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.540%
24) Chloroform-d	4.243	84	348969	24.628	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	4.941	65	184541	26.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.360%
32) Benzene-d6	4.957	84	670781	24.724	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	5.986	67	210867	25.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	7.240	98	617289	25.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	7.551	79	88182	24.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	8.031	63	65739	43.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.320%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	148286	18.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	231728	24.182	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145535	15.019	ug/L	98
3) Chloromethane	1.211	50	157471	16.186	ug/L	98
5) Vinyl chloride	1.278	62	170947	17.008	ug/L	99
6) Bromomethane	1.484	94	111362	17.498	ug/L	99
8) Chloroethane	1.545	64	119280	19.251	ug/L	99
9) Trichlorofluoromethane	1.709	101	244977	18.673	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	162446	19.625	ug/L	99
12) 1,1-Dichloroethene	2.063	96	145301	19.434	ug/L	86
13) Acetone	2.384	43	87737	28.669	ug/L	70
14) Carbon disulfide	2.233	76	335040	14.148	ug/L	100
15) Methyl Acetate	2.384	43	98448	21.233	ug/L	93
16) Methylene chloride	2.442	84	213860	19.458	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	160971	19.393	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	485854	24.266	ug/L	97
19) 1,1-Dichloroethane	3.108	63	363170	23.339	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	192060	21.345	ug/L	95
22) 2-Butanone	3.912	43	110824	38.994	ug/L	# 70
23) Bromochloromethane	4.143	128	100830	23.169	ug/L	97
25) Chloroform	4.272	83	396958	24.704	ug/L	99

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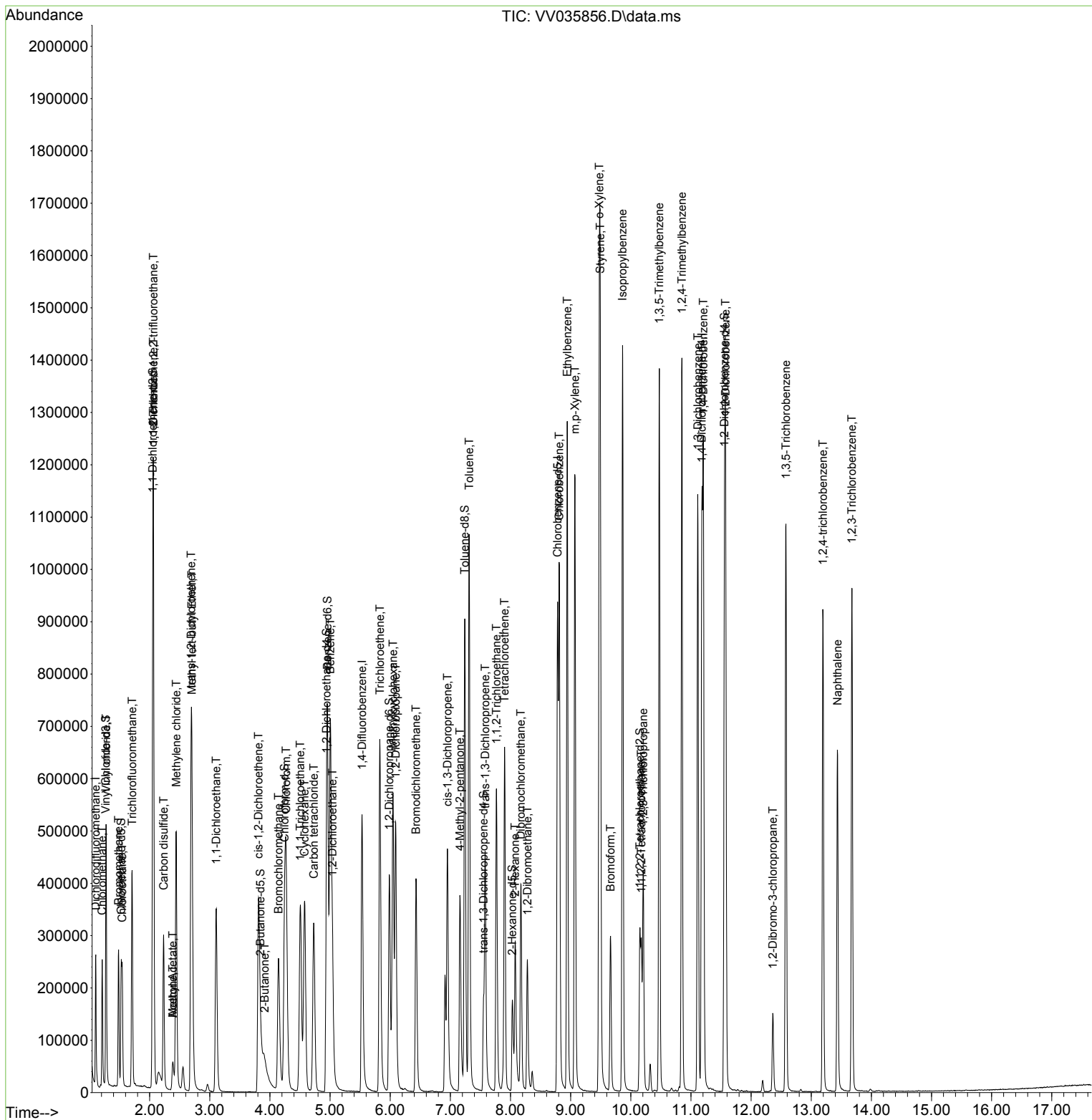
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 MSVOA_V
 ClientSampleId :

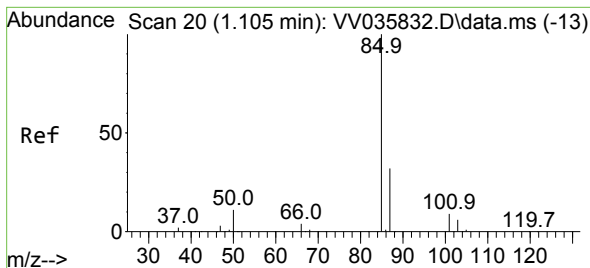
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 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	250518	25.037	ug/L	99
29) Cyclohexane	4.577	56	189162	15.960	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	304562	22.162	ug/L	99
31) Carbon tetrachloride	4.728	117	251601	20.866	ug/L	99
33) Benzene	5.005	78	731447	22.298	ug/L	100
34) Trichloroethene	5.828	95	236824	25.523	ug/L	99
35) Methylcyclohexane	6.047	83	233213	16.555	ug/L	97
37) 1,2-Dichloropropane	6.092	63	216032	25.243	ug/L	99
38) Bromodichloromethane	6.429	83	289781	24.995	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	309760	23.141	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	268490	52.383	ug/L	97
42) Toluene	7.314	91	804392	23.172	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	284619	24.306	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	185217	25.471	ug/L	98
46) Tetrachloroethene	7.902	164	150377	19.948	ug/L	99
48) 2-Hexanone	8.079	43	188455	49.039	ug/L	99
49) Dibromochloromethane	8.172	129	206803	25.204	ug/L	100
50) 1,2-Dibromoethane	8.281	107	173215	24.179	ug/L	100
51) Chlorobenzene	8.812	112	541197	22.468	ug/L	99
52) Ethylbenzene	8.944	91	866918	22.618	ug/L	100
53) m,p-Xylene	9.072	106	329213	22.640	ug/L	98
54) o-Xylene	9.477	106	316210	22.944	ug/L	98
55) Styrene	9.493	104	611136	25.424	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	143385	16.187	ug/L	99
59) Bromoform	9.664	173	136466	25.148	ug/L	99
60) Isopropylbenzene	9.863	105	878880	23.895	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	173239	26.774	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	707045	24.504	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	725846	24.479	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	464315	24.054	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	478073	23.924	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	450177	24.775	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	38955	25.959	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	342889	22.732	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	288701	22.921	ug/L	100
71) Naphthalene	13.435	128	517138	23.387	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	283870	25.053	ug/L	98

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

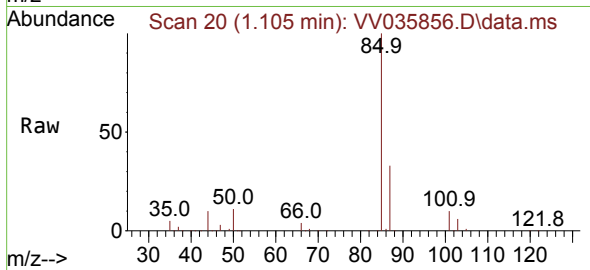
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Quant Title : VOC Analysis
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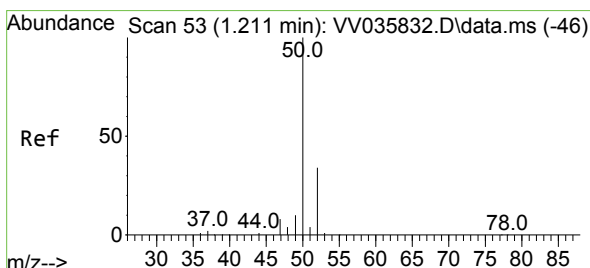
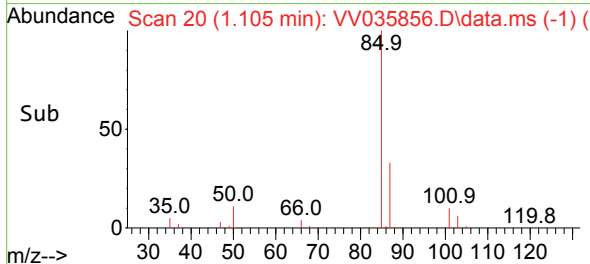
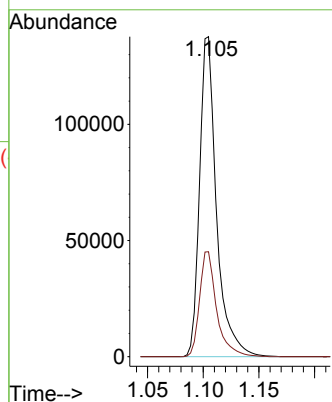


#2
 Dichlorodifluoromethane
 Concen: 15.019 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59

Instrument :
 MSVOA_V
 ClientSampleId :

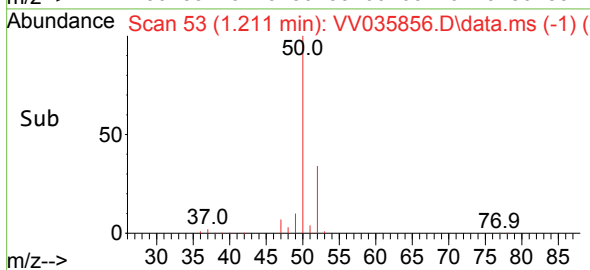
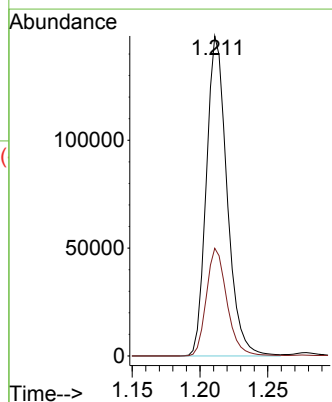
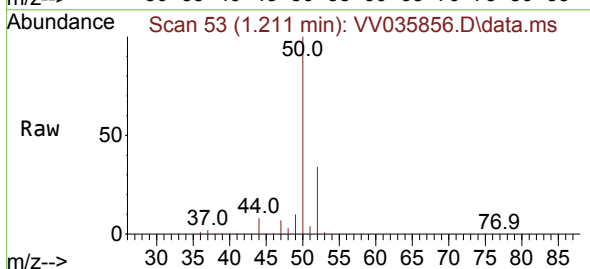


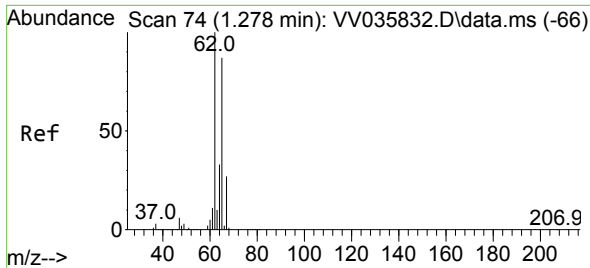
Tgt Ion: 85 Resp: 145535
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 16.186 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59

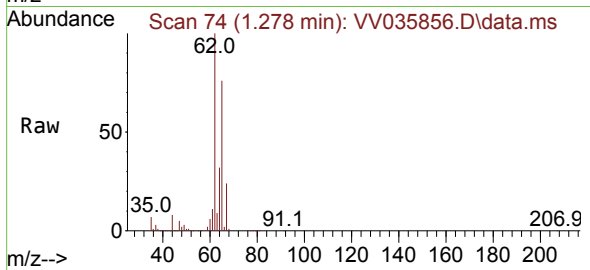
Tgt Ion: 50 Resp: 157471
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.7 42.1



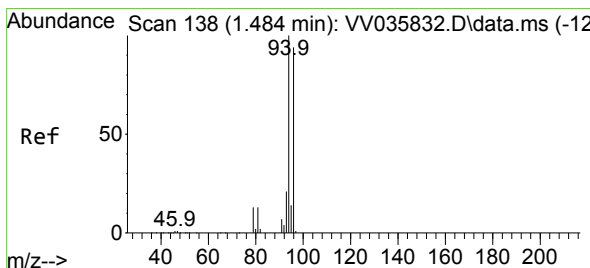
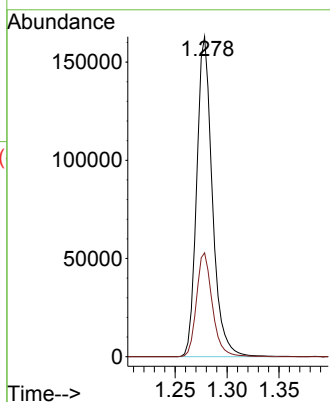
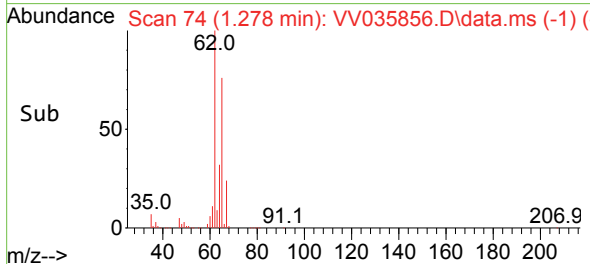


#5
 Vinyl chloride
 Concen: 17.008 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59

Instrument :
 MSVOA_V
 ClientSampleId :

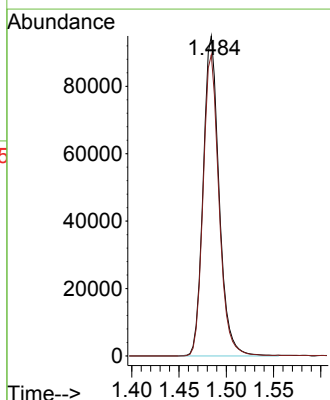
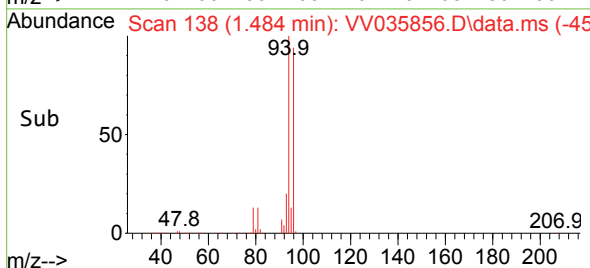
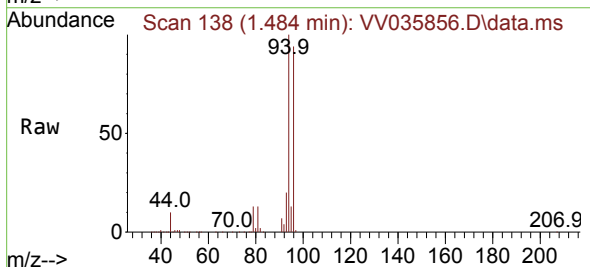


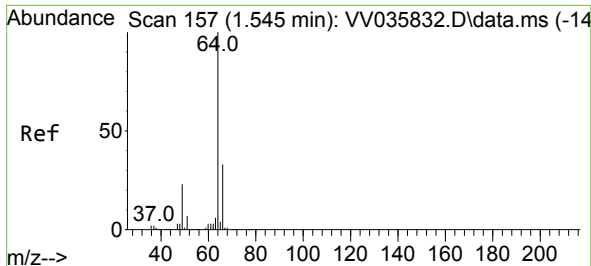
Tgt Ion: 62 Resp: 170947
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.6



#6
 Bromomethane
 Concen: 17.498 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59

Tgt Ion: 94 Resp: 111362
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.2 121.0





#8

Chloroethane

Concen: 19.251 ug/L

RT: 1.545 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

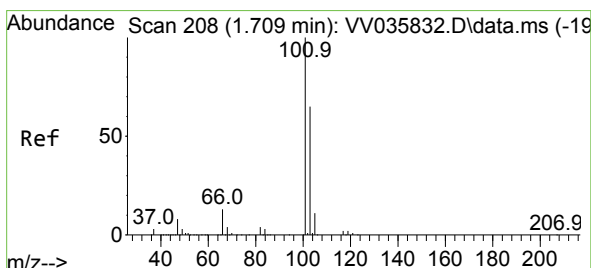
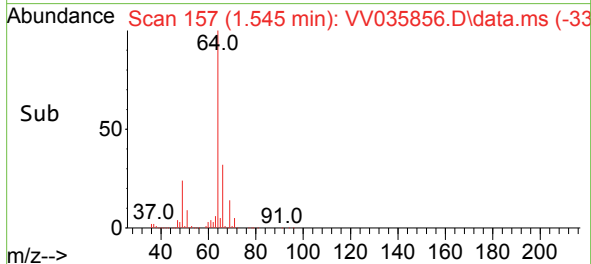
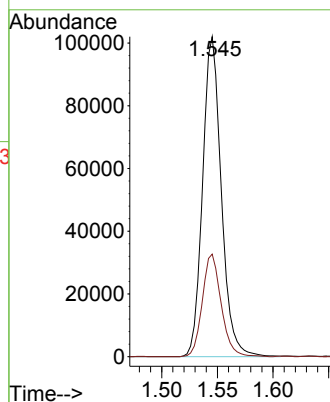
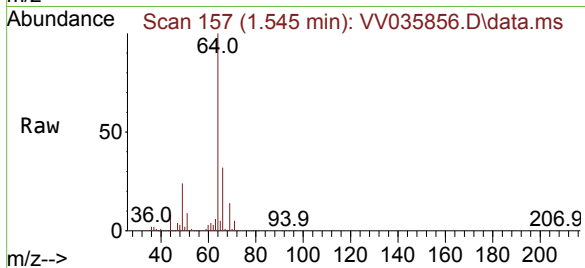
ClientSampleId :

Tgt Ion: 64 Resp: 119280

Ion Ratio Lower Upper

64 100

66 32.1 22.0 40.8



#9

Trichlorofluoromethane

Concen: 18.673 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV035856.D

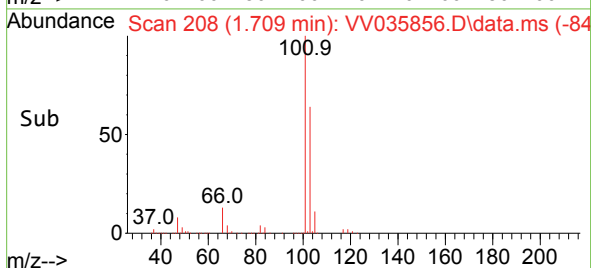
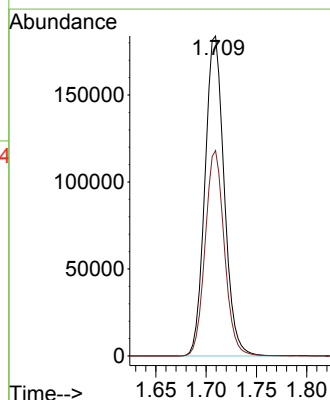
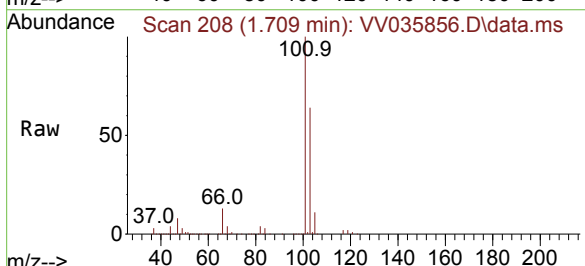
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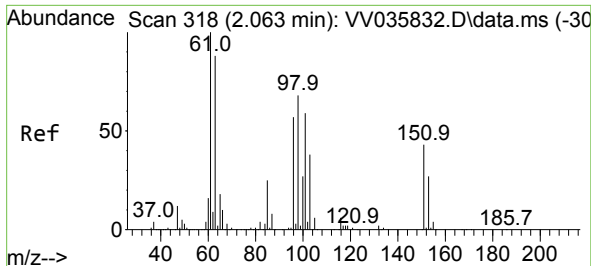
Tgt Ion:101 Resp: 244977

Ion Ratio Lower Upper

101 100

103 64.0 51.5 77.3

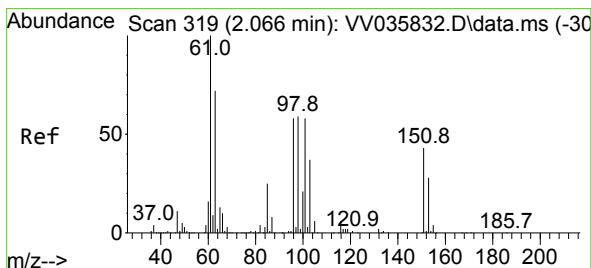
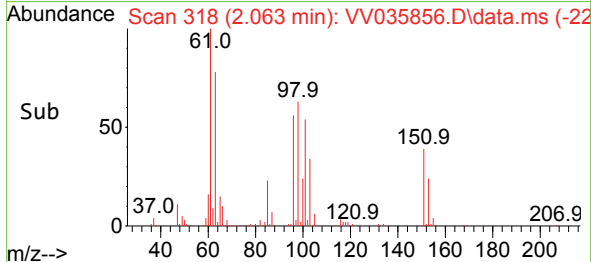
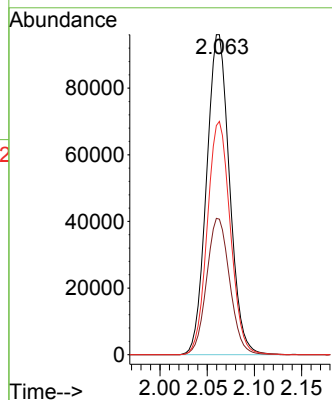
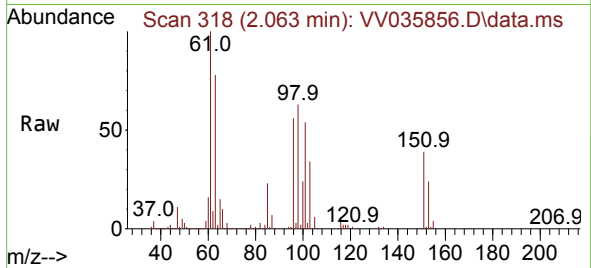




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.625 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

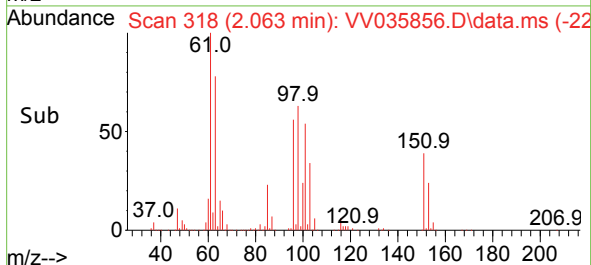
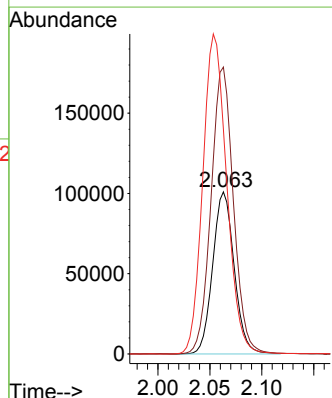
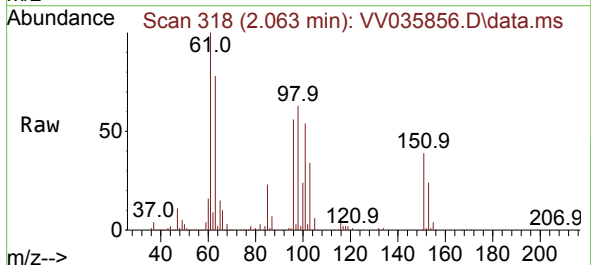
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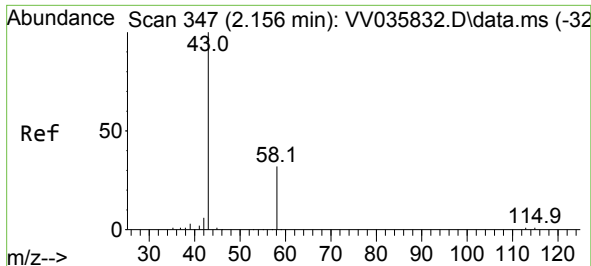
Tgt Ion:101 Resp: 162446
Ion Ratio Lower Upper
101 100
85 42.8 34.2 51.4
151 73.0 59.5 89.3



#12
1,1-Dichloroethene
Concen: 19.434 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion: 96 Resp: 145301
Ion Ratio Lower Upper
96 100
61 177.0 119.8 222.4
63 138.7 75.6 140.4





#13

Acetone

Concen: 28.669 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.228 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

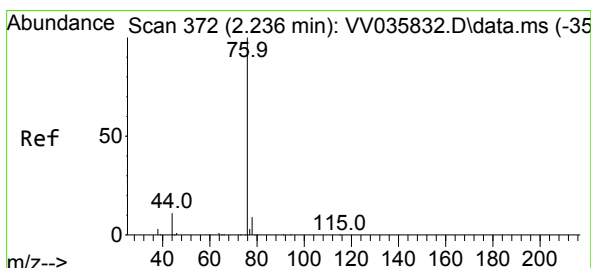
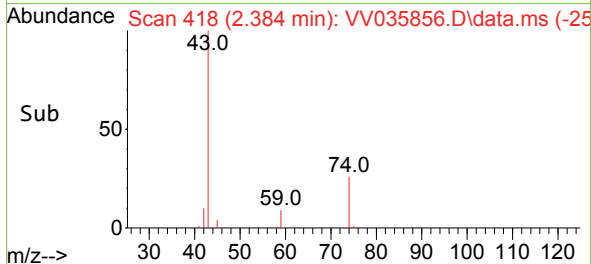
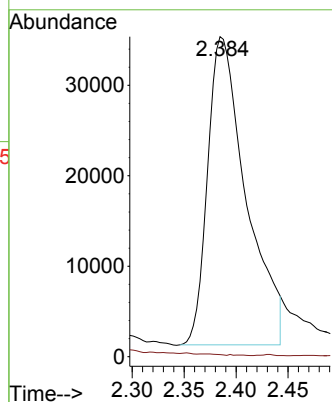
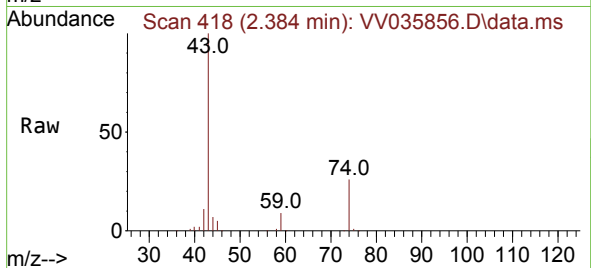
ClientSampleId :

Tgt Ion: 43 Resp: 87737

Ion Ratio Lower Upper

43 100

58 0.0 0.0 22.8



#14

Carbon disulfide

Concen: 14.148 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035856.D

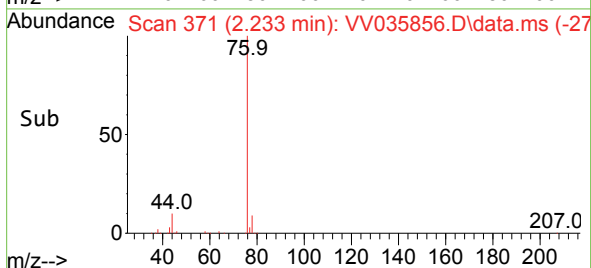
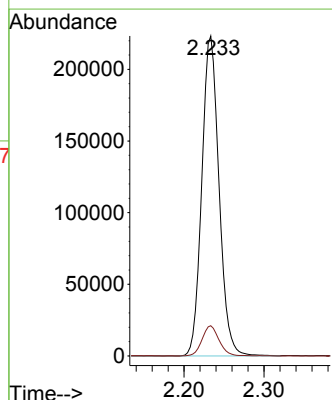
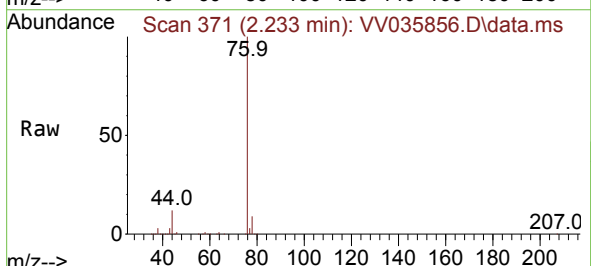
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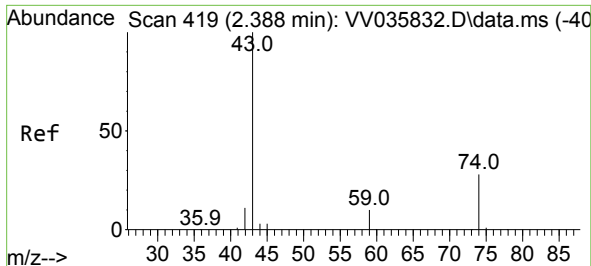
Tgt Ion: 76 Resp: 335040

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

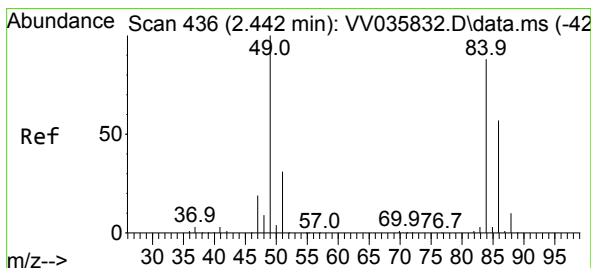
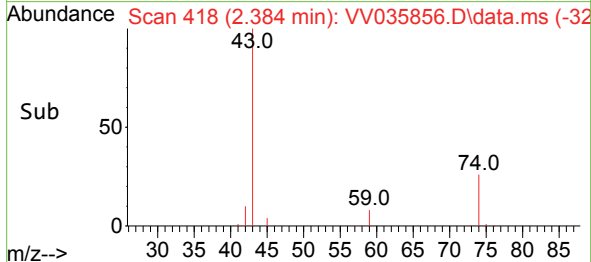
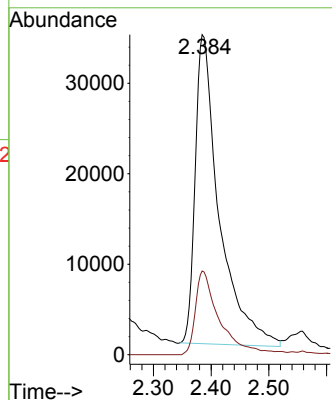
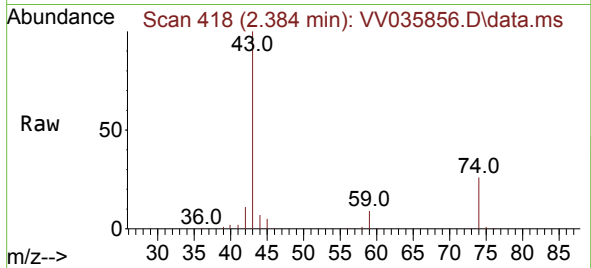




#15
Methyl Acetate
Concen: 21.233 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

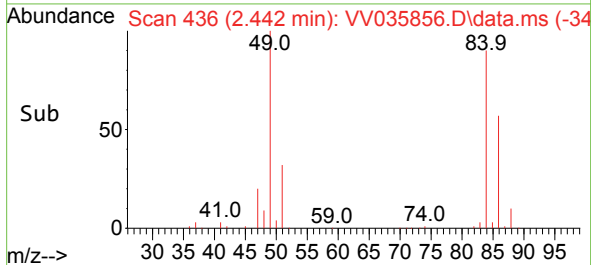
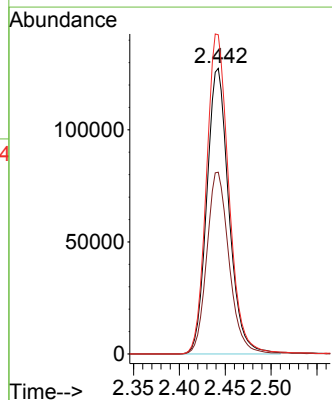
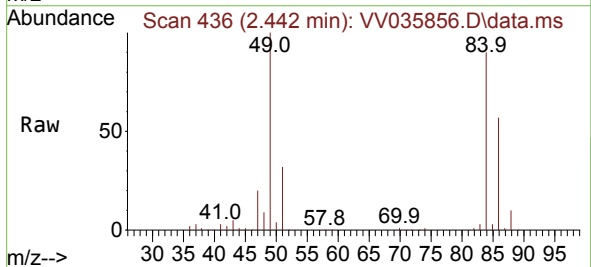
Instrument :
MSVOA_V
ClientSampleId :

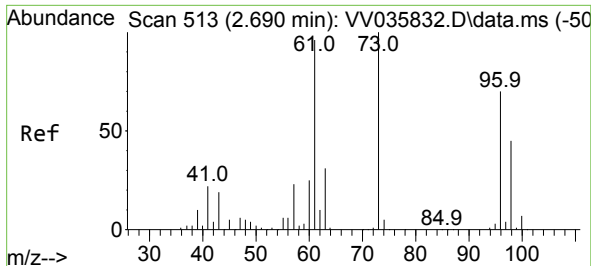
Tgt Ion: 43 Resp: 98448
Ion Ratio Lower Upper
43 100
74 26.4 18.6 27.8



#16
Methylene chloride
Concen: 19.458 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

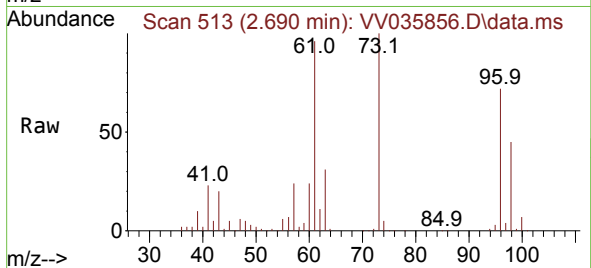
Tgt Ion: 84 Resp: 213860
Ion Ratio Lower Upper
84 100
86 63.6 43.8 81.3
49 111.7 75.3 139.9





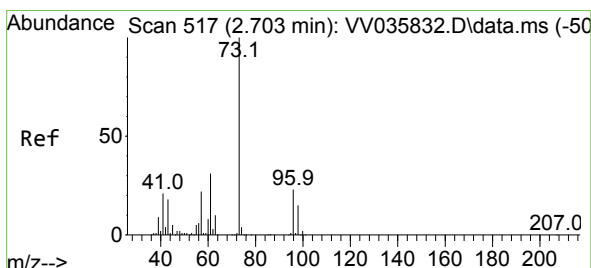
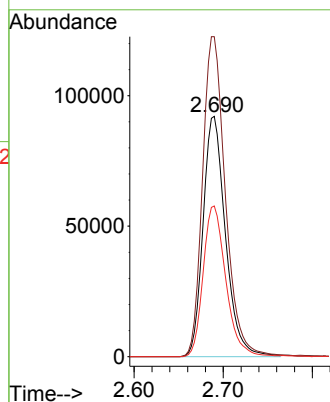
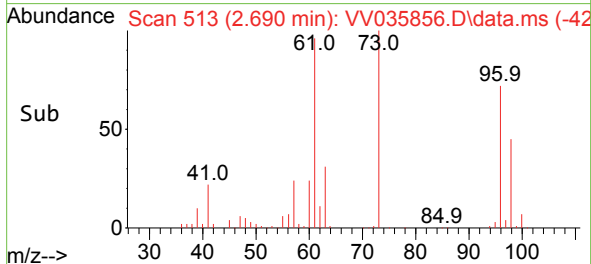
#17
trans-1,2-Dichloroethene
Concen: 19.393 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Instrument :
MSVOA_V
ClientSampleId :

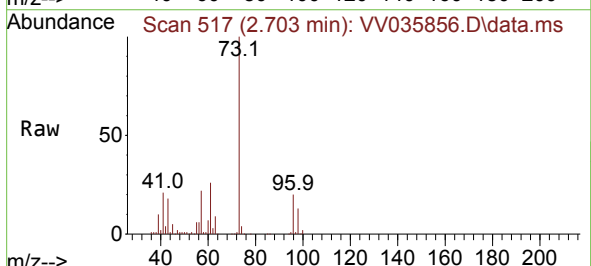


Tgt Ion: 96 Resp: 160971

Ion	Ratio	Lower	Upper
96	100		
61	133.2	95.5	177.4
98	62.7	46.0	85.4

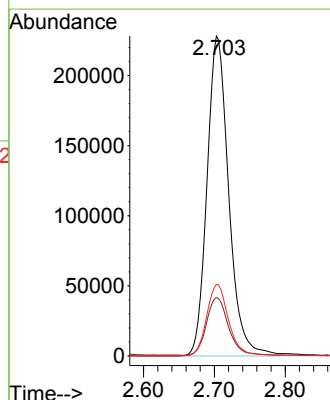
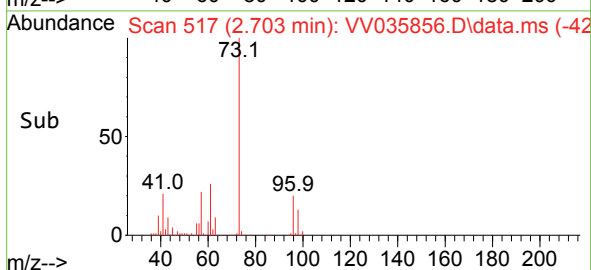


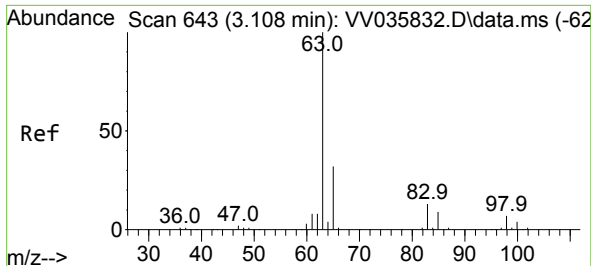
#18
Methyl tert-butyl Ether
Concen: 24.266 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59



Tgt Ion: 73 Resp: 485854

Ion	Ratio	Lower	Upper
73	100		
43	18.3	13.3	19.9
57	22.7	17.4	26.2





#19

1,1-Dichloroethane

Concen: 23.339 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

ClientSampleId :

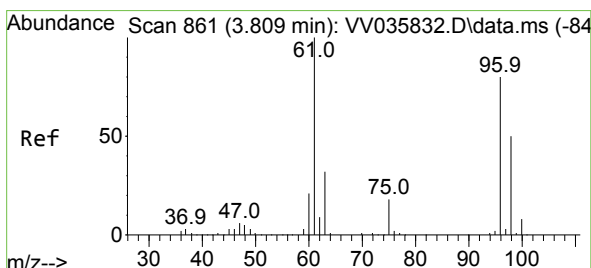
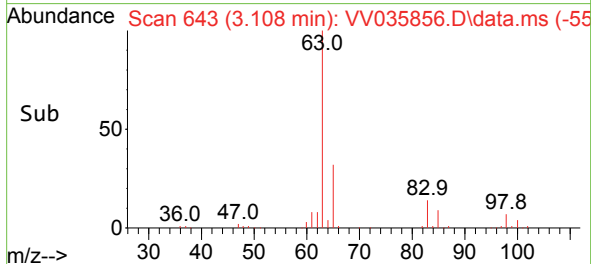
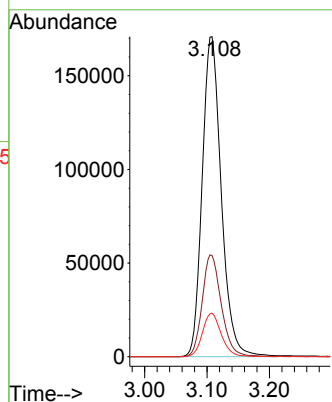
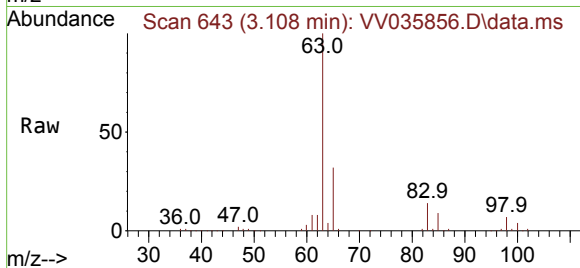
Tgt Ion: 63 Resp: 363170

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.3

83 13.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 21.345 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

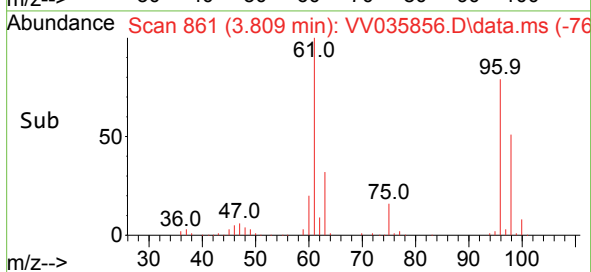
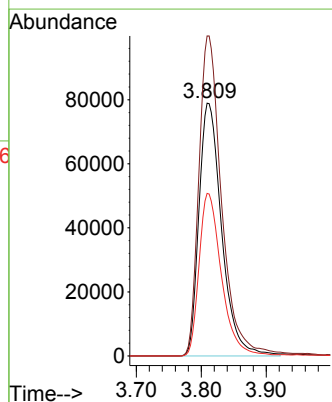
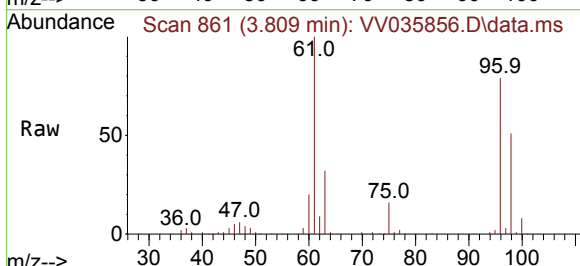
Tgt Ion: 96 Resp: 192060

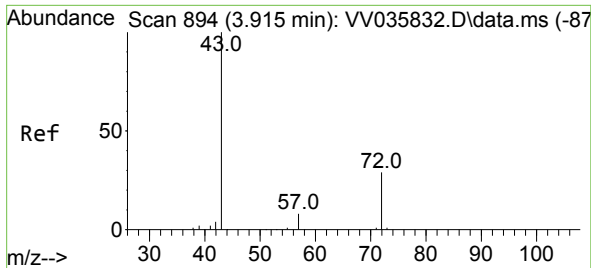
Ion Ratio Lower Upper

96 100

61 126.6 83.9 155.9

98 64.3 44.0 81.8

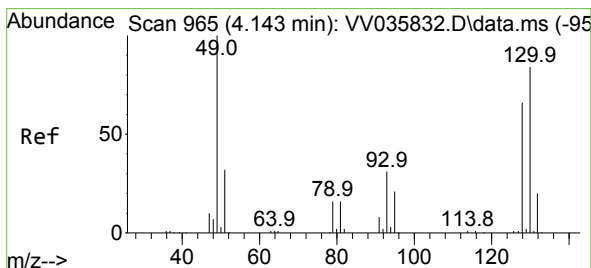
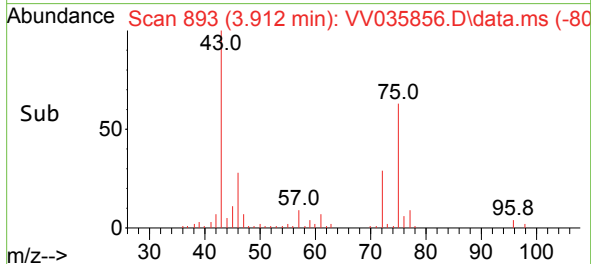
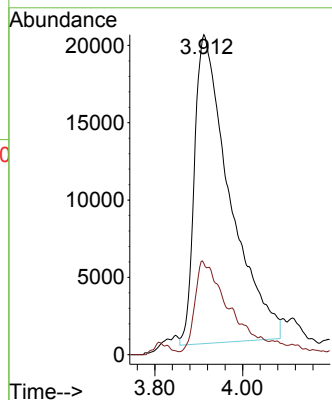
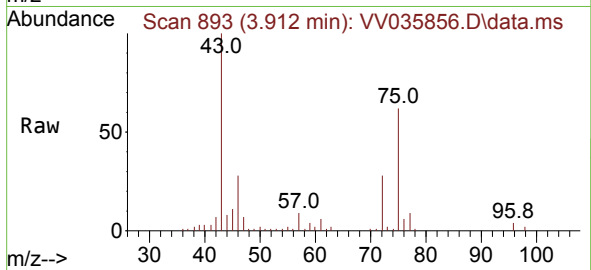




#22
2-Butanone
Concen: 38.994 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

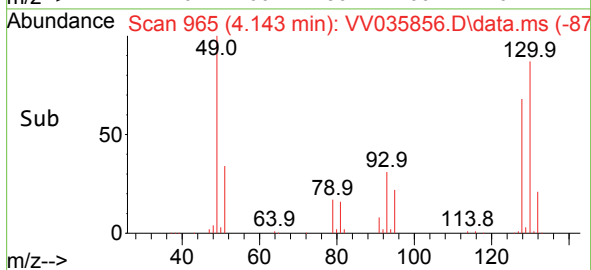
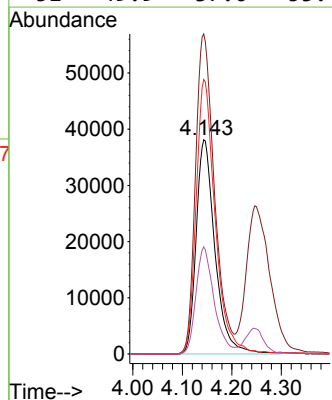
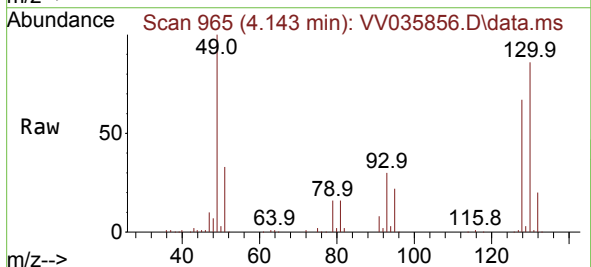
Instrument :
MSVOA_V
ClientSampleId :

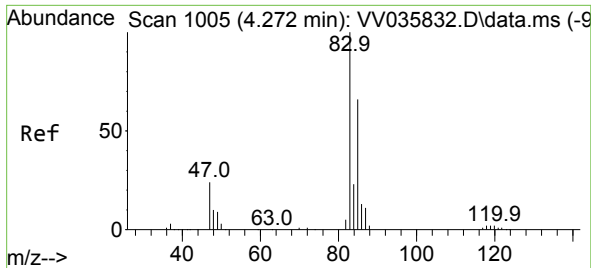
Tgt Ion: 43 Resp: 110824
Ion Ratio Lower Upper
43 100
72 9.7 12.3 36.9#



#23
Bromochloromethane
Concen: 23.169 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion:128 Resp: 100830
Ion Ratio Lower Upper
128 100
49 149.3 103.1 191.5
130 128.0 91.8 170.4
51 49.9 37.0 55.4

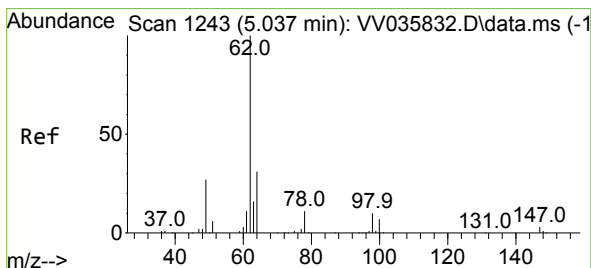
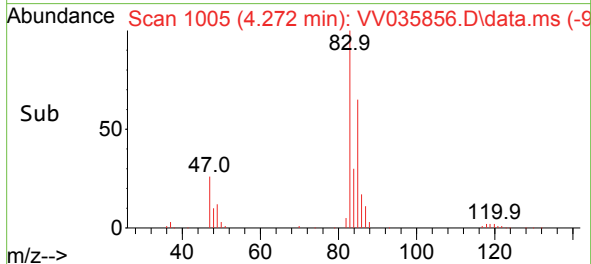
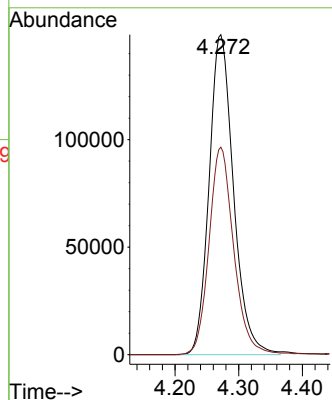
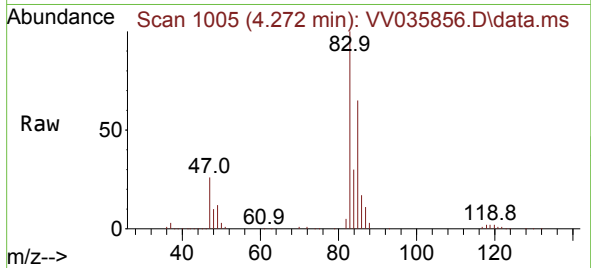




#25
Chloroform
Concen: 24.704 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

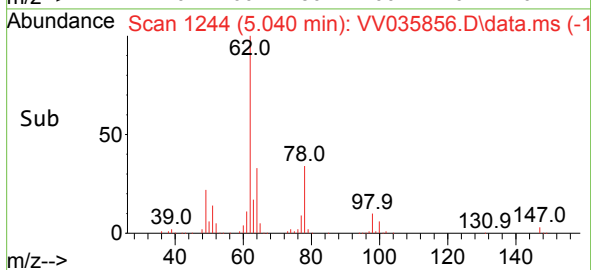
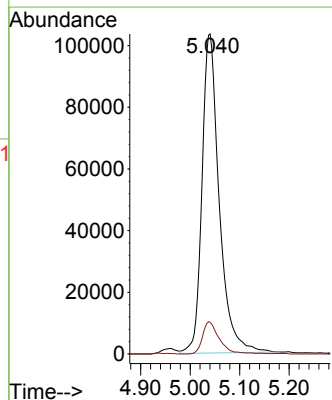
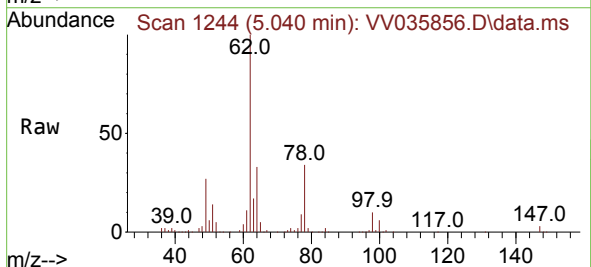
Instrument :
MSVOA_V
ClientSampleId :

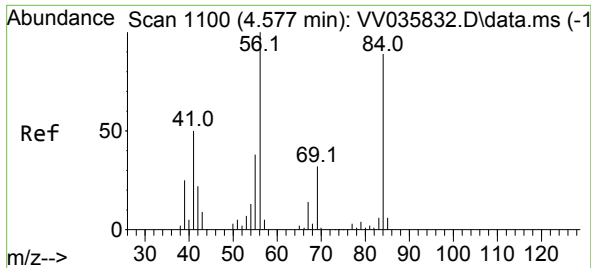
Tgt Ion: 83 Resp: 396958
Ion Ratio Lower Upper
83 100
85 64.9 44.7 82.9



#27
1,2-Dichloroethane
Concen: 25.037 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

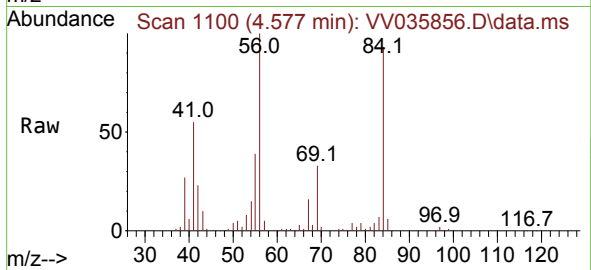
Tgt Ion: 62 Resp: 250518
Ion Ratio Lower Upper
62 100
98 9.9 8.2 12.2



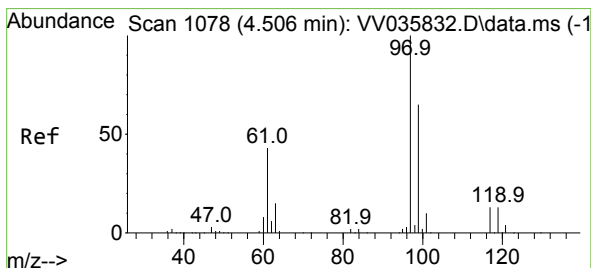
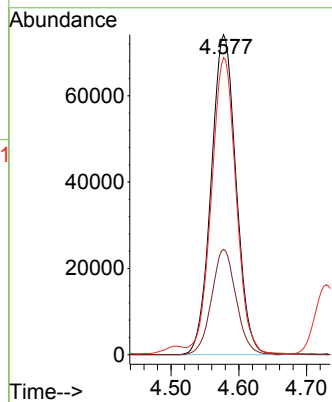
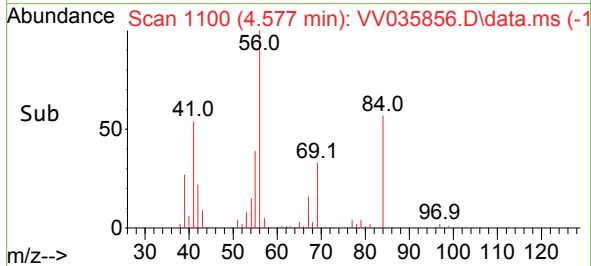


#29
Cyclohexane
Concen: 15.960 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Instrument :
MSVOA_V
ClientSampleId :

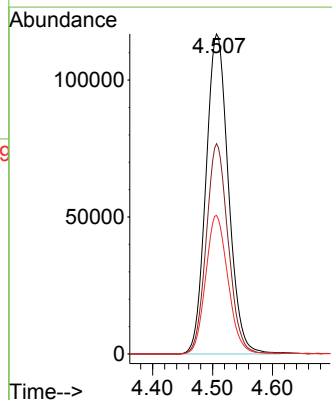
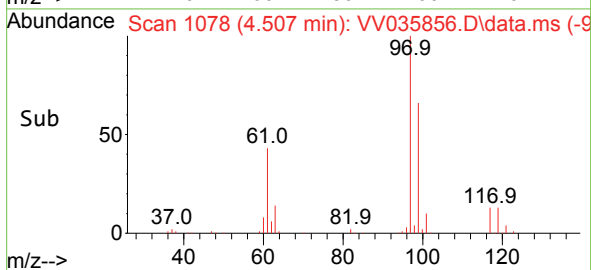
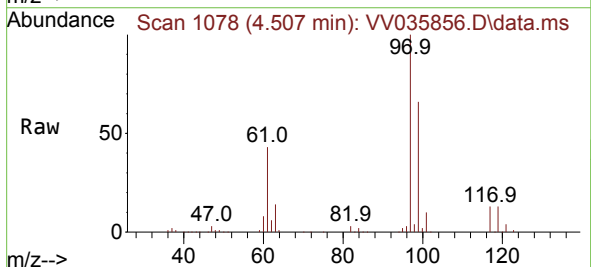


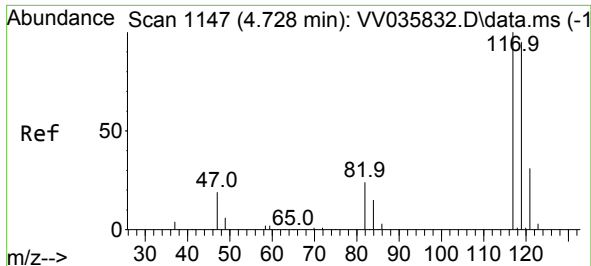
Tgt Ion: 56 Resp: 189162
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 91.0 74.8 112.2



#30
1,1,1-Trichloroethane
Concen: 22.162 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

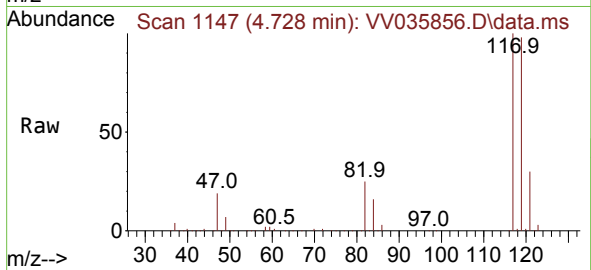
Tgt Ion: 97 Resp: 304562
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 43.2 33.5 50.3



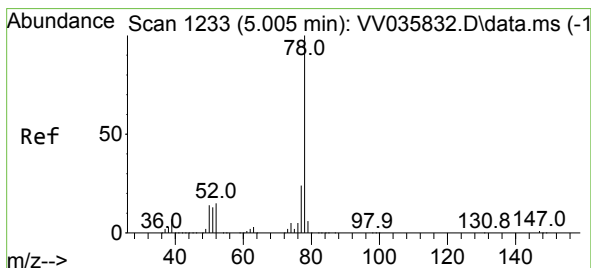
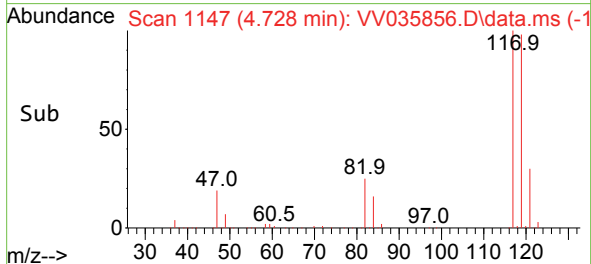
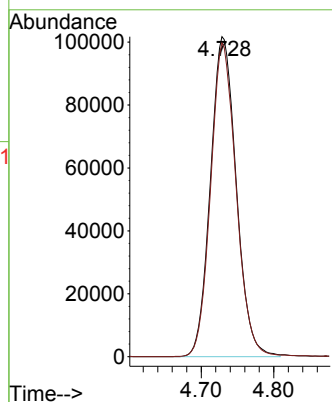


#31
Carbon tetrachloride
Concen: 20.866 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Instrument :
MSVOA_V
ClientSampleId :

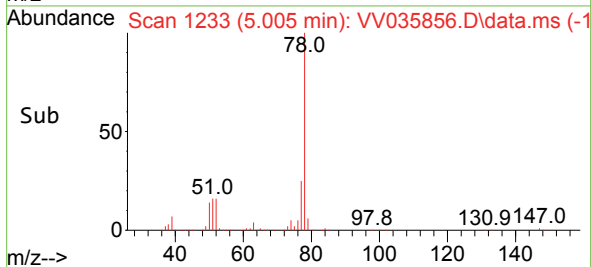
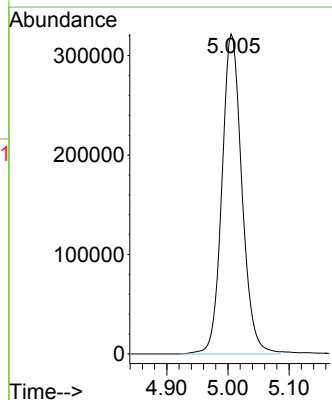
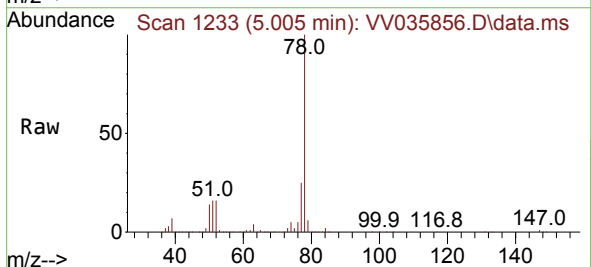


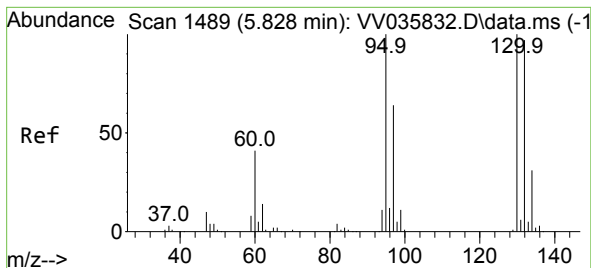
Tgt Ion:117 Resp: 251601
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9



#33
Benzene
Concen: 22.298 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion: 78 Resp: 731447





#34

Trichloroethene

Concen: 25.523 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

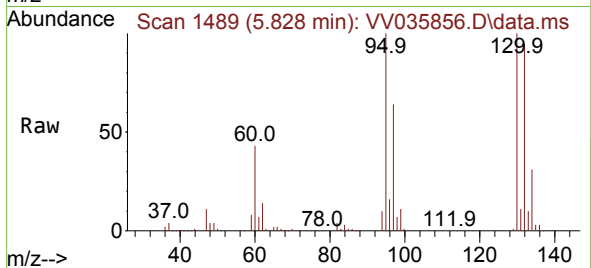
Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 236824

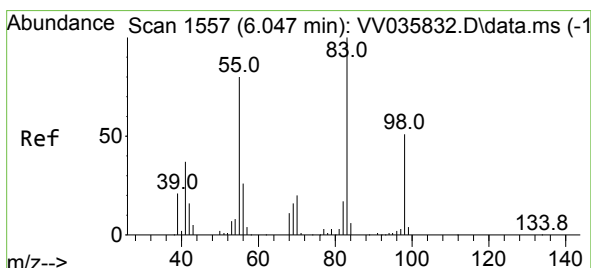
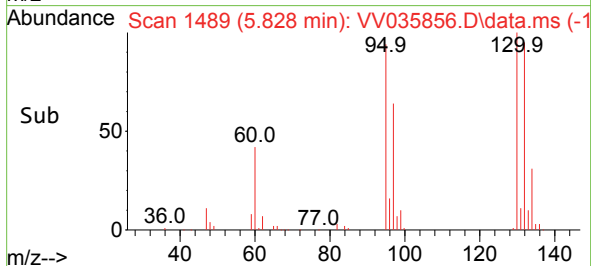
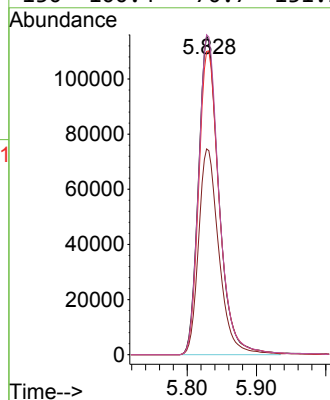
Ion Ratio Lower Upper

95 100

97 64.6 43.8 81.4

132 95.1 67.1 124.7

130 100.4 70.7 131.3



#35

Methylcyclohexane

Concen: 16.555 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

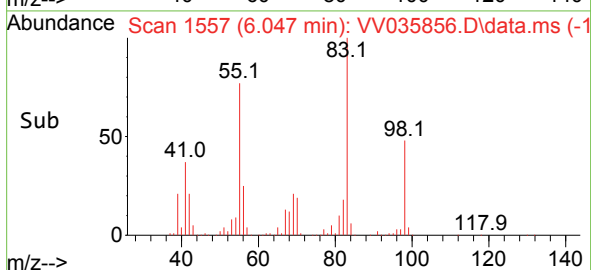
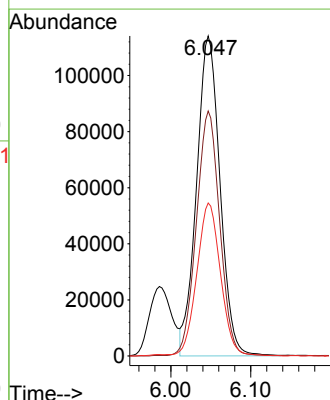
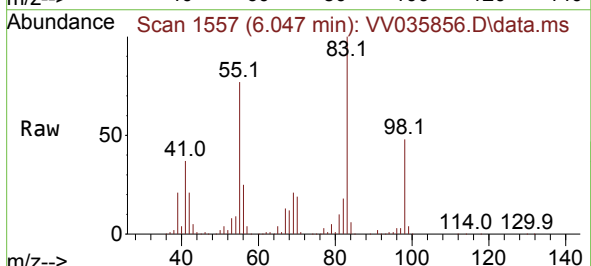
Tgt Ion: 83 Resp: 233213

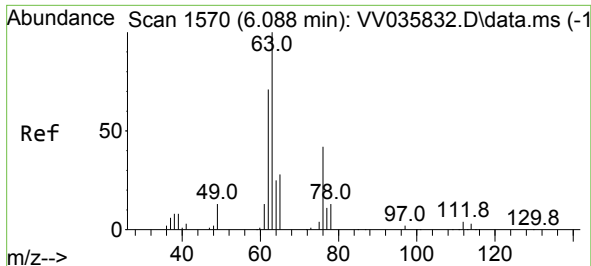
Ion Ratio Lower Upper

83 100

55 75.9 57.5 86.3

98 48.0 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.243 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

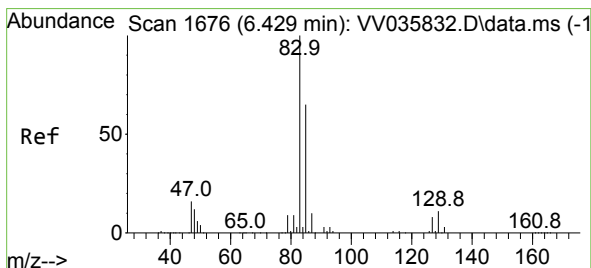
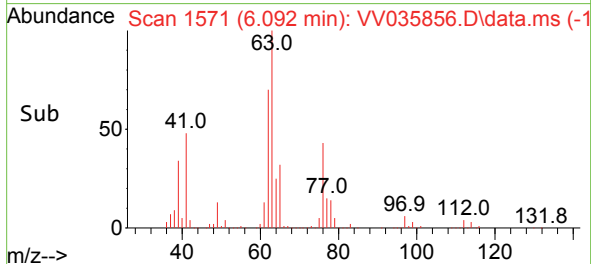
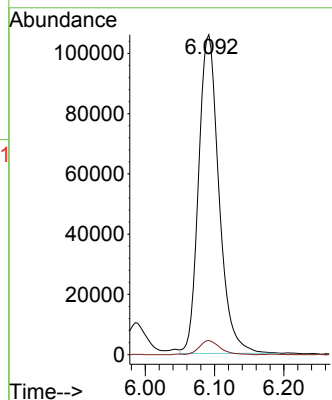
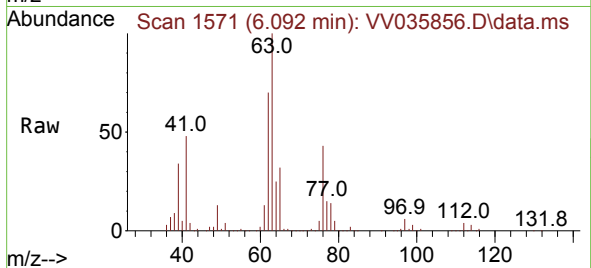
ClientSampleId :

Tgt Ion: 63 Resp: 216032

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 24.995 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

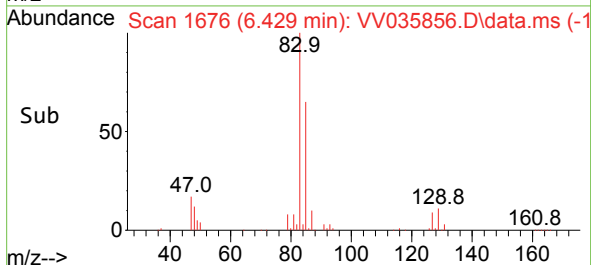
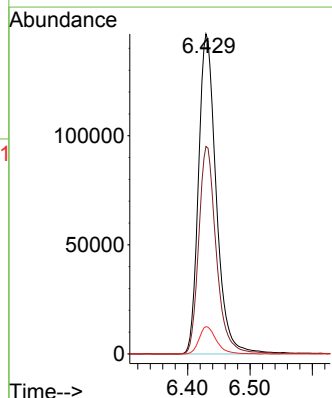
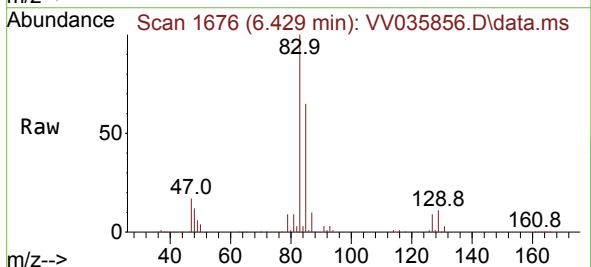
Tgt Ion: 83 Resp: 289781

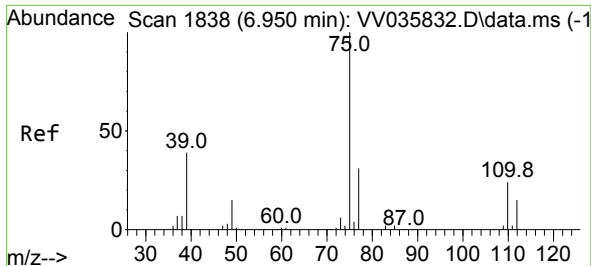
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.141 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

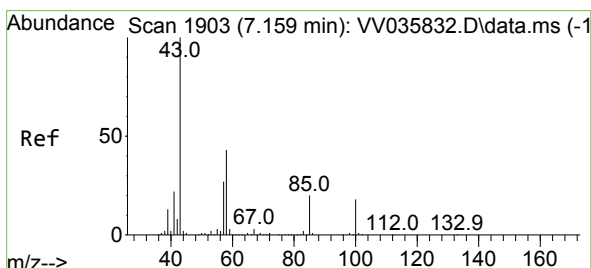
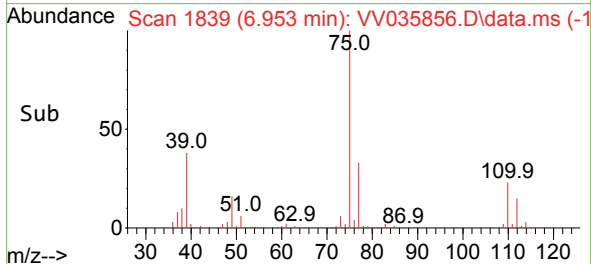
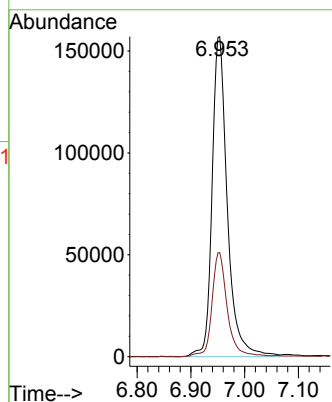
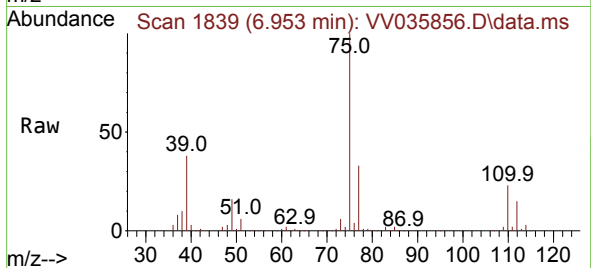
ClientSampleId :

Tgt Ion: 75 Resp: 309760

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.383 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

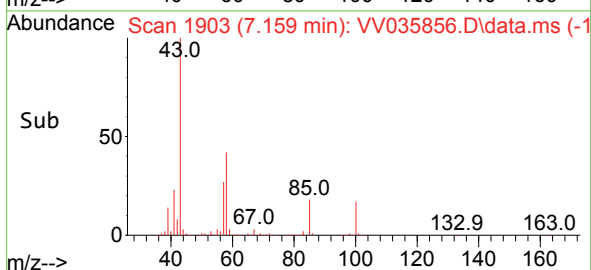
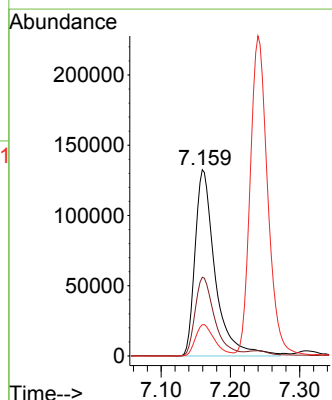
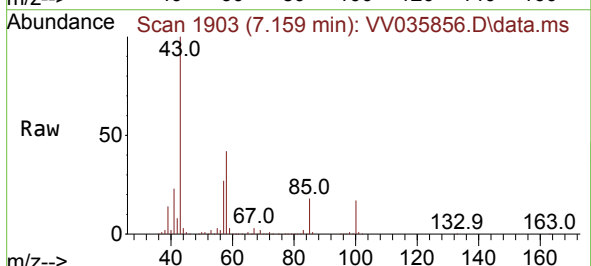
Tgt Ion: 43 Resp: 268490

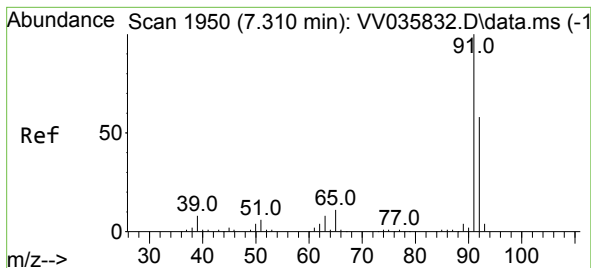
Ion Ratio Lower Upper

43 100

58 41.3 34.8 52.2

100 16.1 13.9 20.9





#42

Toluene

Concen: 23.172 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

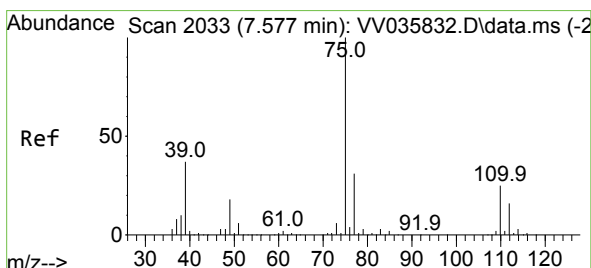
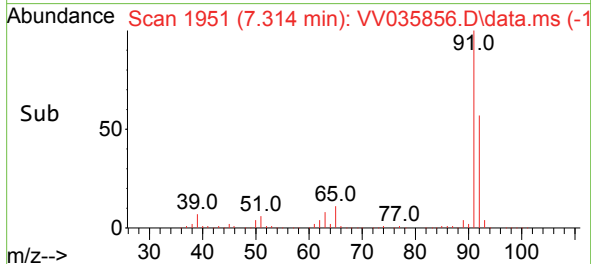
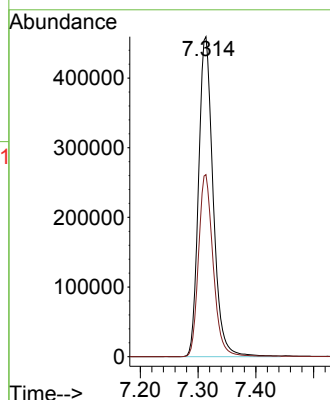
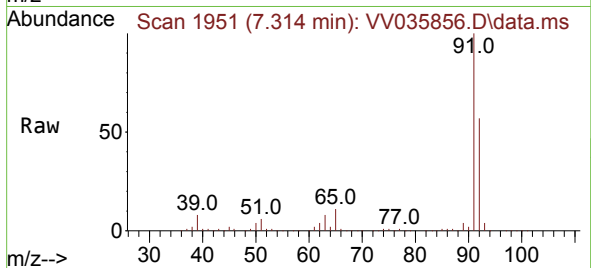
ClientSampleId :

Tgt Ion: 91 Resp: 804392

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.306 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035856.D

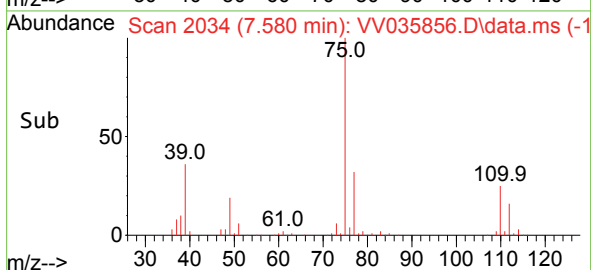
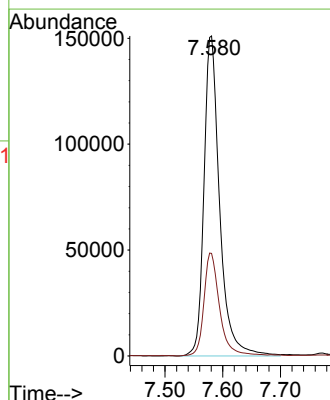
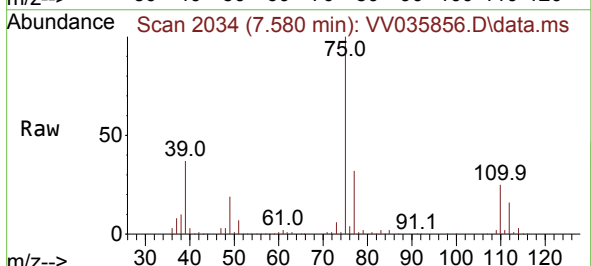
Acq: 28 May 2024 18:59

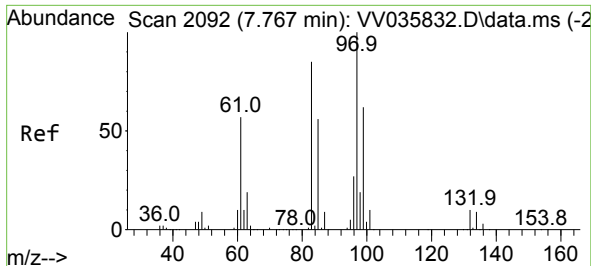
Tgt Ion: 75 Resp: 284619

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6

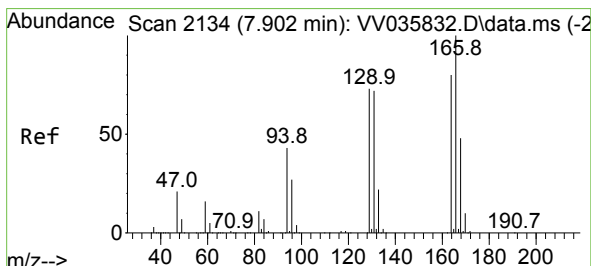
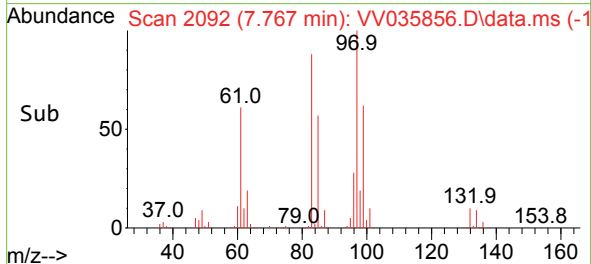
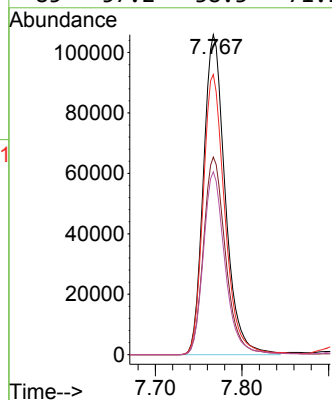
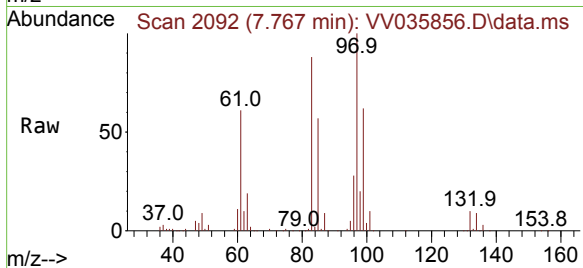




#45
1,1,2-Trichloroethane
Concen: 25.471 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

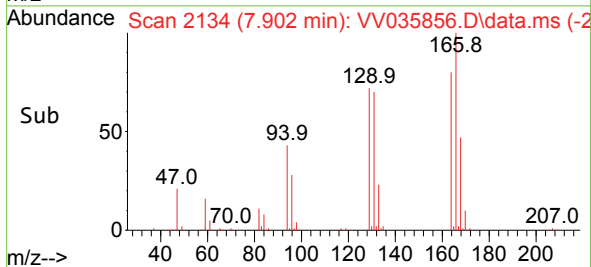
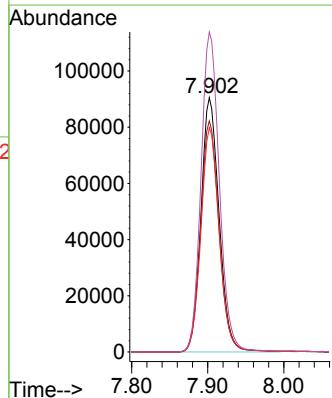
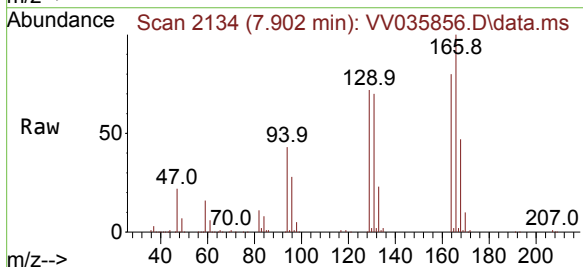
Instrument :
MSVOA_V
ClientSampleId :

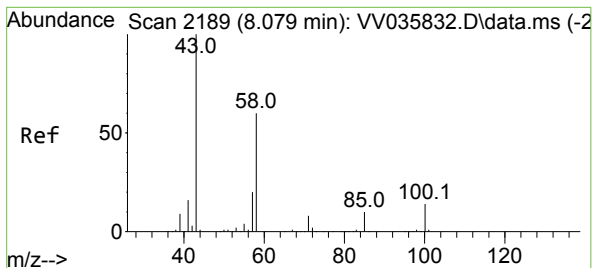
Tgt Ion:	97	Resp:	185217
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	87.5	60.3	111.9
85	57.2	38.3	71.1



#46
Tetrachloroethene
Concen: 19.948 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion:	164	Resp:	150377
Ion	Ratio	Lower	Upper
164	100		
129	90.8	63.4	117.8
131	88.2	61.0	113.4
166	125.8	88.8	164.8





#48

2-Hexanone

Concen: 49.039 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

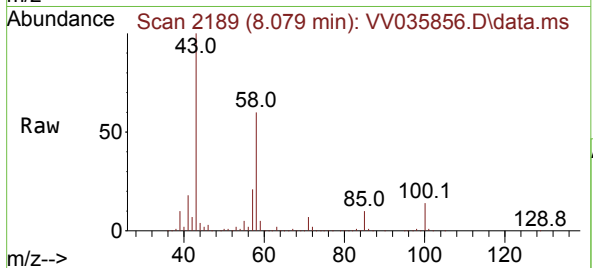
Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 188455

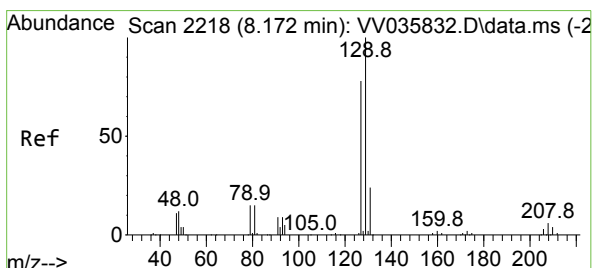
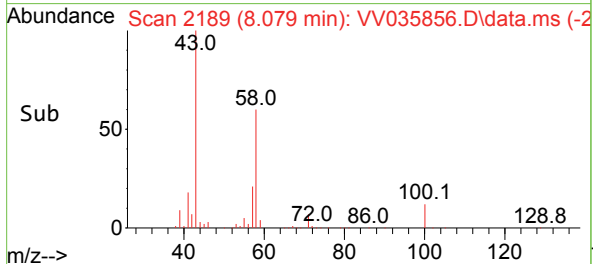
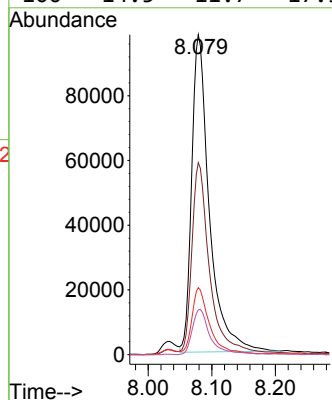
Ion Ratio Lower Upper

43 100

58 60.8 48.8 73.2

57 18.9 16.9 25.3

100 14.5 11.7 17.5



#49

Dibromochloromethane

Concen: 25.204 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035856.D

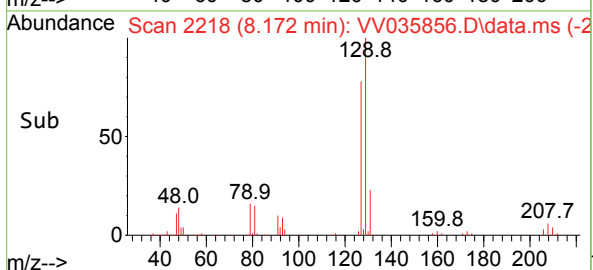
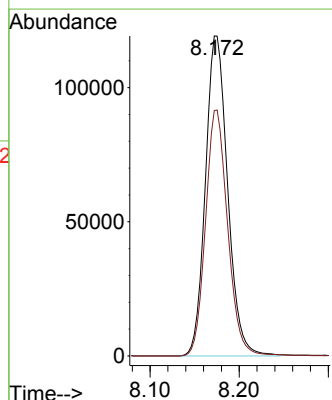
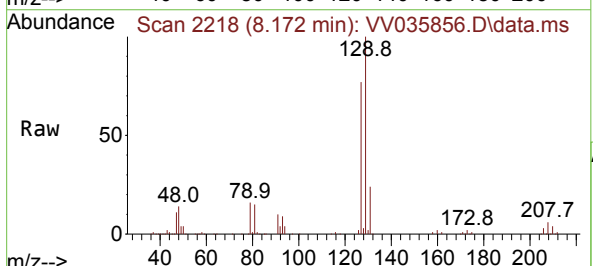
Acq: 28 May 2024 18:59

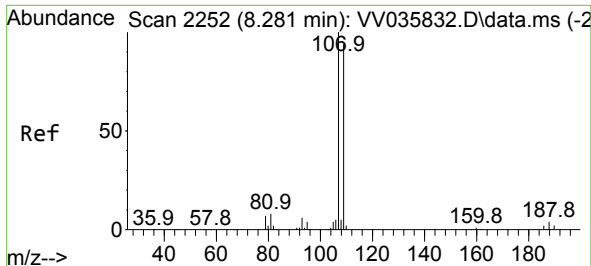
Tgt Ion: 129 Resp: 206803

Ion Ratio Lower Upper

129 100

127 76.7 53.8 99.8





#50

1,2-Dibromoethane

Concen: 24.179 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

ClientSampleId :

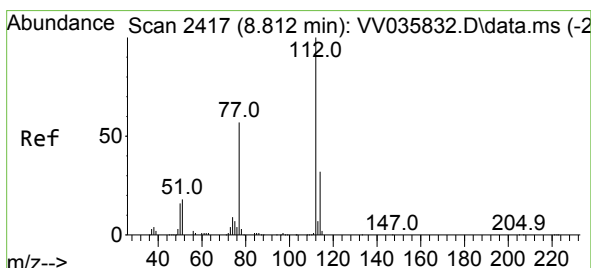
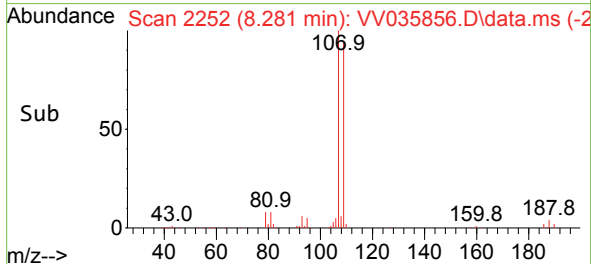
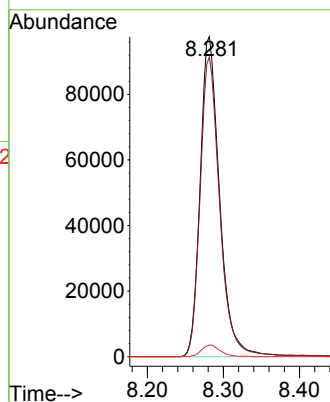
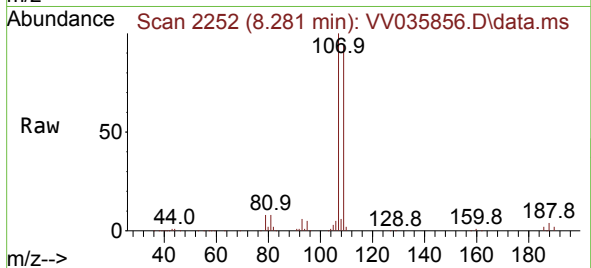
Tgt Ion:107 Resp: 173215

Ion Ratio Lower Upper

107 100

109 93.7 65.4 121.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 22.468 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

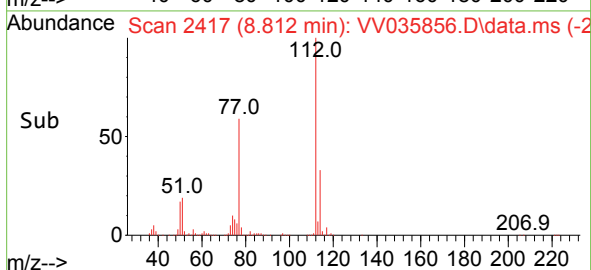
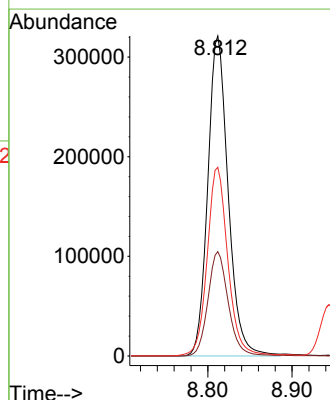
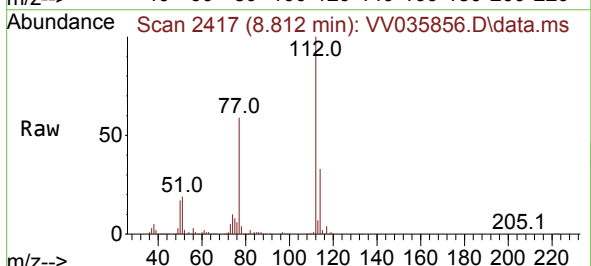
Tgt Ion:112 Resp: 541197

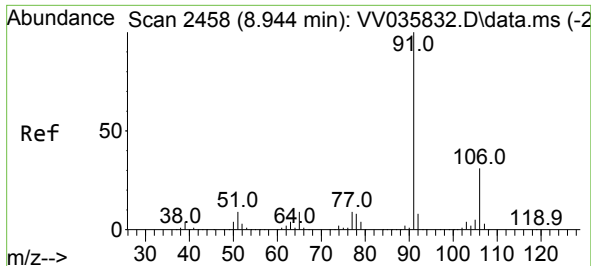
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 58.9 46.6 69.8

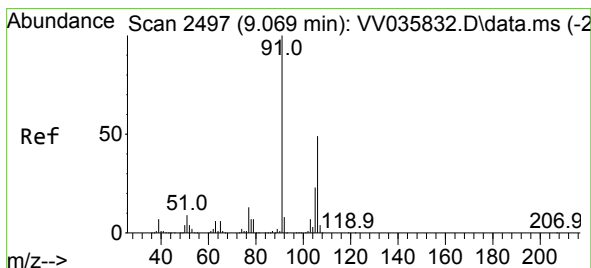
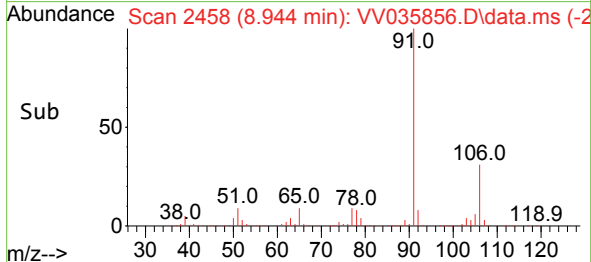
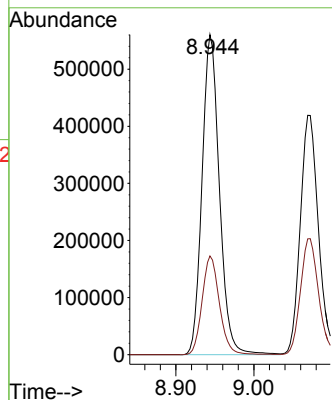
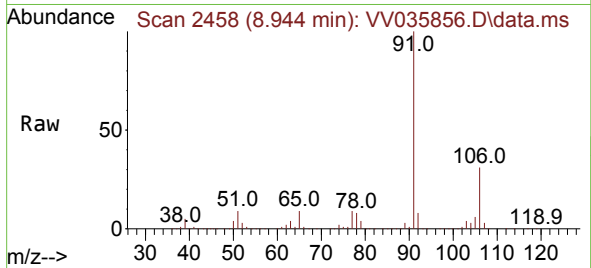




#52
Ethylbenzene
Concen: 22.618 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

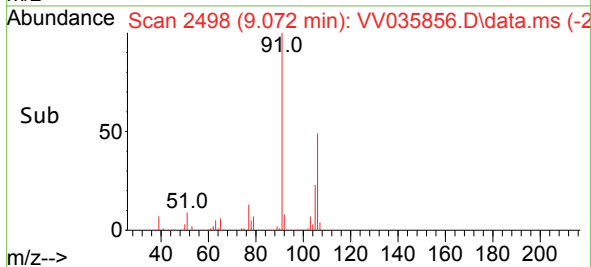
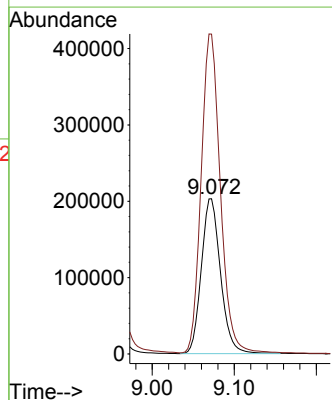
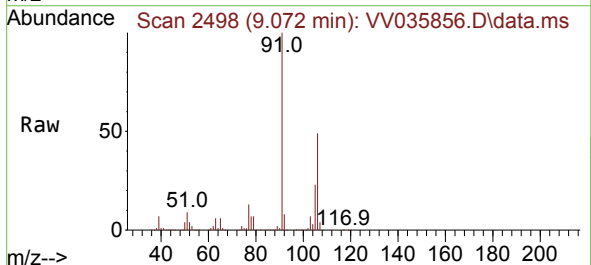
Instrument :
MSVOA_V
ClientSampleId :

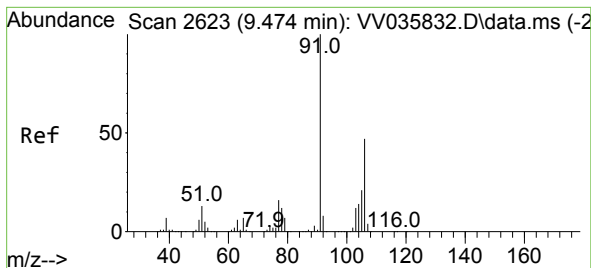
Tgt Ion: 91 Resp: 866918
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 22.640 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion: 106 Resp: 329213
Ion Ratio Lower Upper
106 100
91 206.1 142.7 264.9





#54

o-Xylene

Concen: 22.944 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

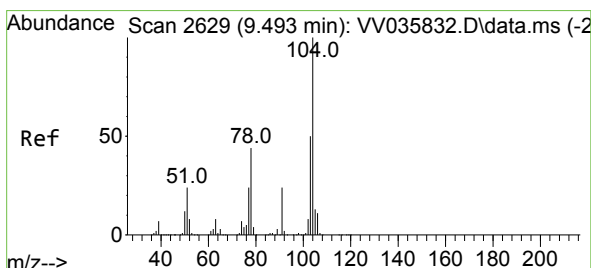
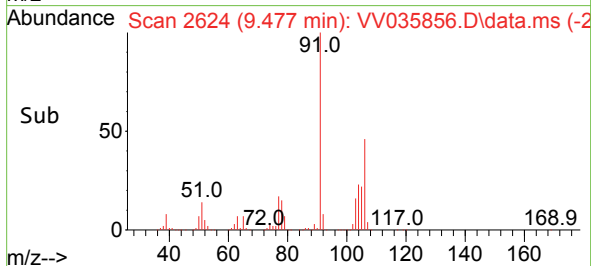
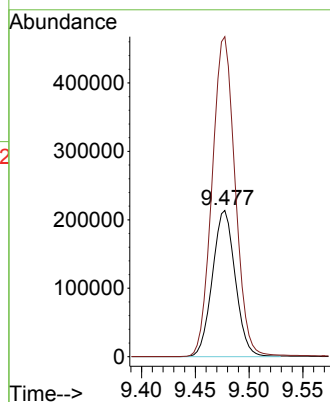
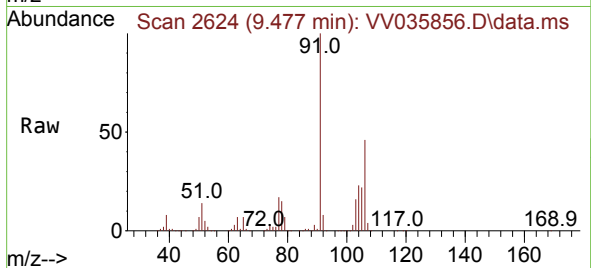
ClientSampleId :

Tgt Ion:106 Resp: 316210

Ion Ratio Lower Upper

106 100

91 218.7 150.9 280.3



#55

Styrene

Concen: 25.424 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035856.D

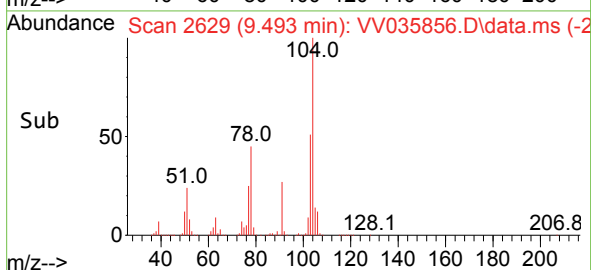
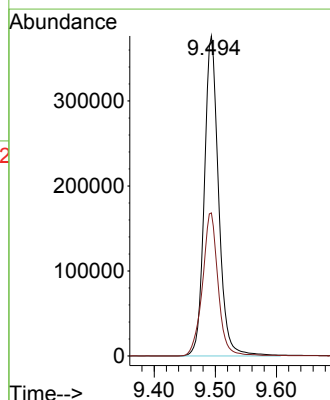
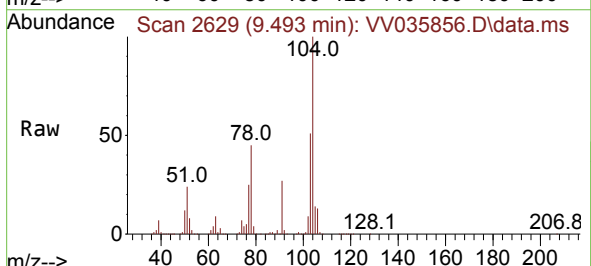
Acq: 28 May 2024 18:59

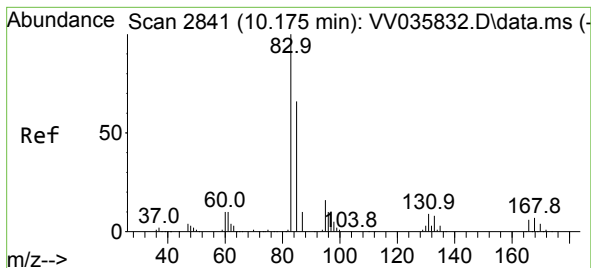
Tgt Ion:104 Resp: 611136

Ion Ratio Lower Upper

104 100

78 44.7 30.0 55.6

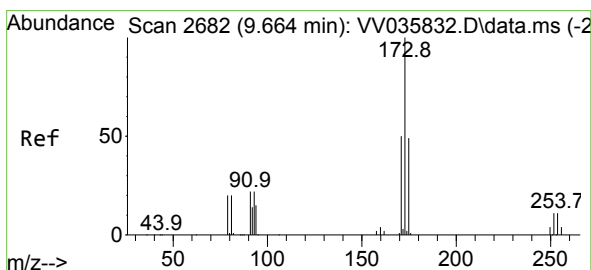
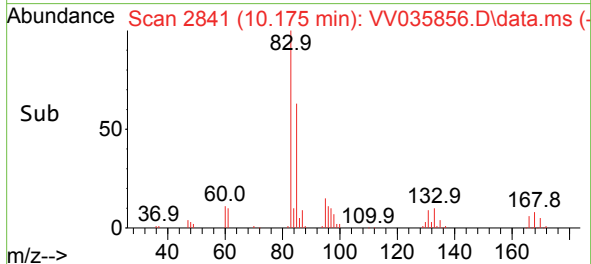
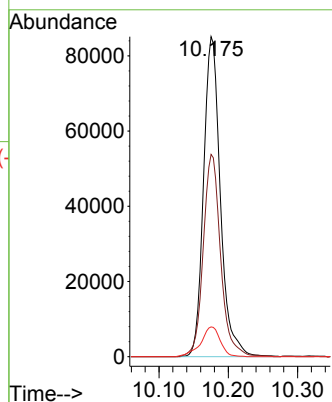
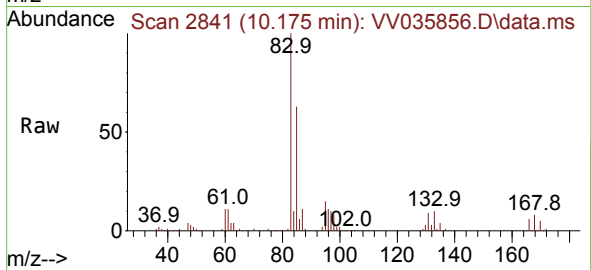




#57
1,1,2,2-Tetrachloroethane
Concen: 16.187 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

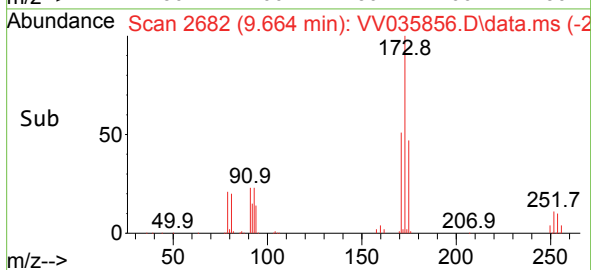
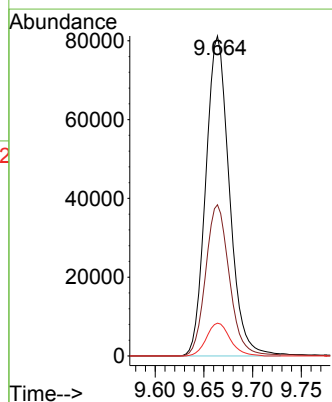
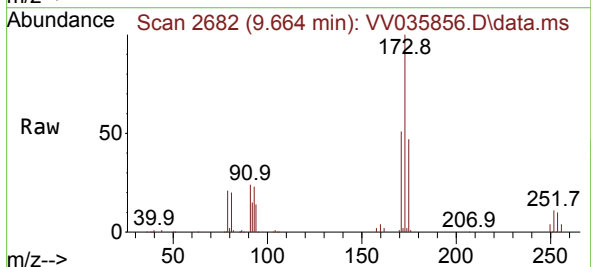
Instrument :
MSVOA_V
ClientSampleId :

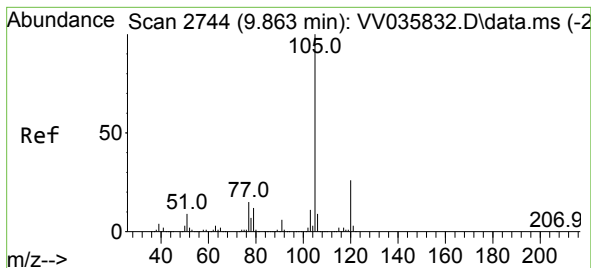
Tgt Ion: 83 Resp: 143385
Ion Ratio Lower Upper
83 100
85 63.2 44.7 83.1
131 9.3 8.0 12.0



#59
Bromoform
Concen: 25.148 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion: 173 Resp: 136466
Ion Ratio Lower Upper
173 100
175 47.7 38.7 58.1
254 10.4 8.3 12.5





#60

Isopropylbenzene

Concen: 23.895 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

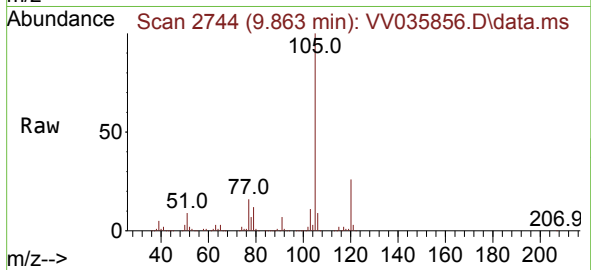
Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

ClientSampleId :



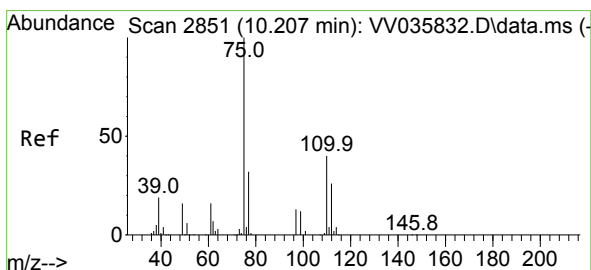
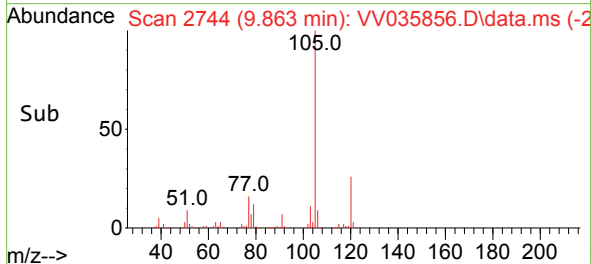
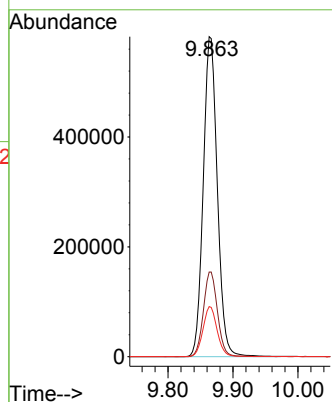
Tgt Ion:105 Resp: 878880

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.7 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 26.774 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

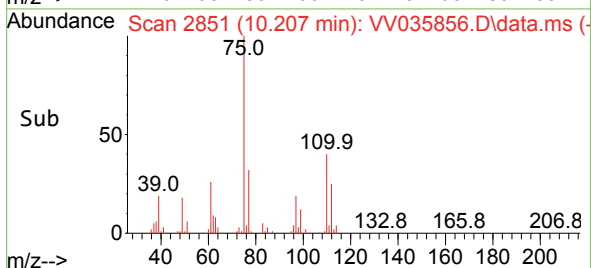
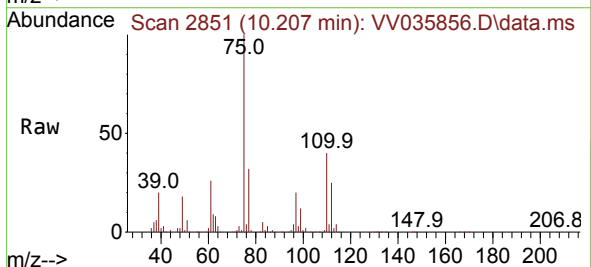
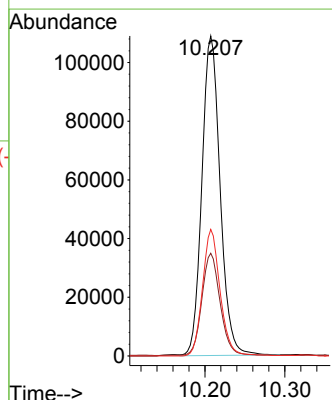
Tgt Ion: 75 Resp: 173239

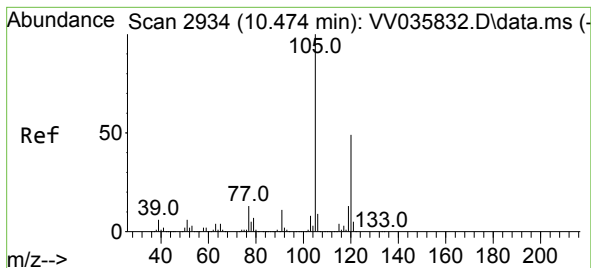
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 38.3 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 24.504 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035856.D

Acq: 28 May 2024 18:59

Instrument :

MSVOA_V

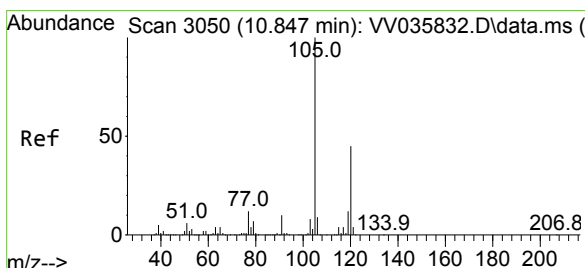
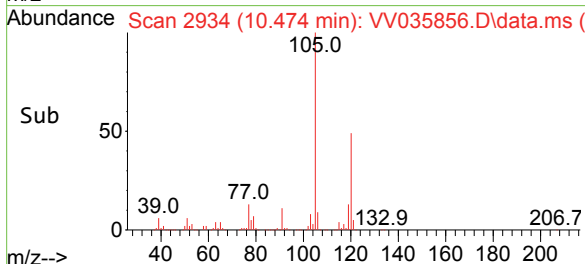
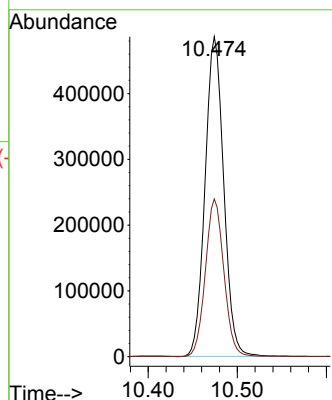
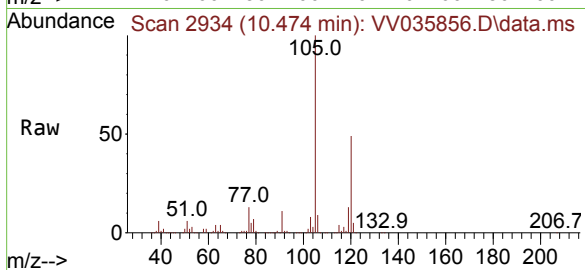
ClientSampleId :

Tgt Ion:105 Resp: 707045

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 24.479 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035856.D

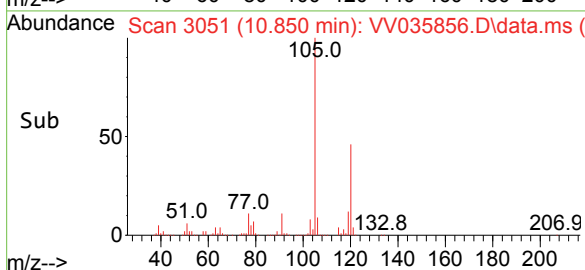
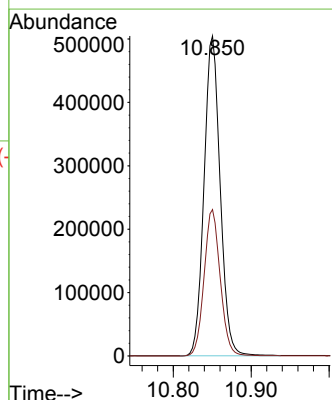
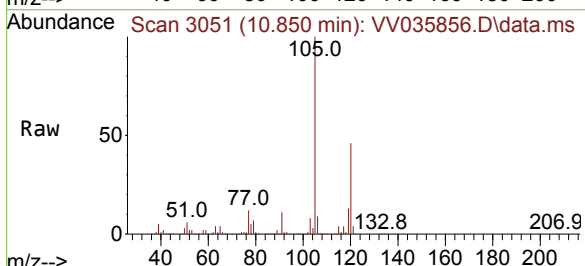
Acq: 28 May 2024 18:59

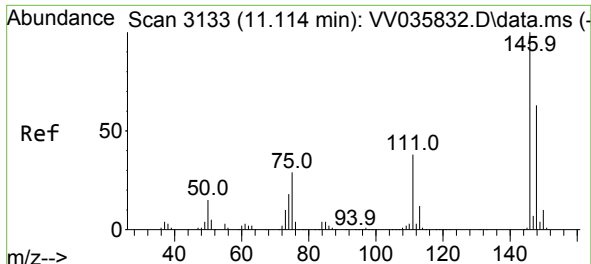
Tgt Ion:105 Resp: 725846

Ion Ratio Lower Upper

105 100

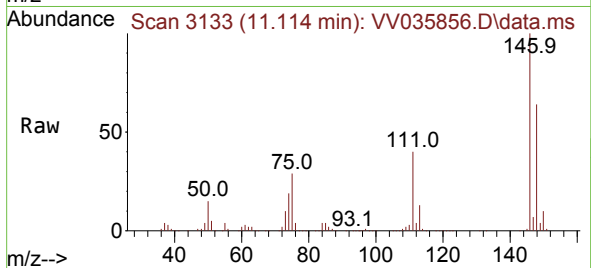
120 45.9 36.6 55.0



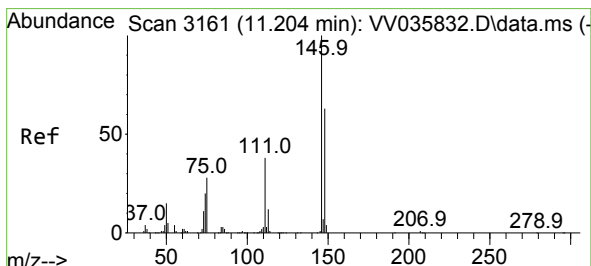
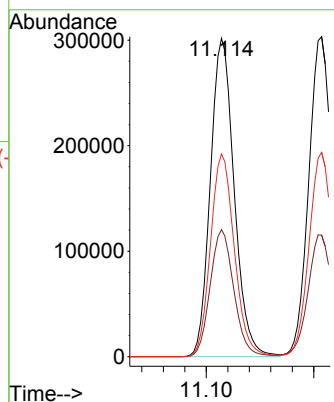
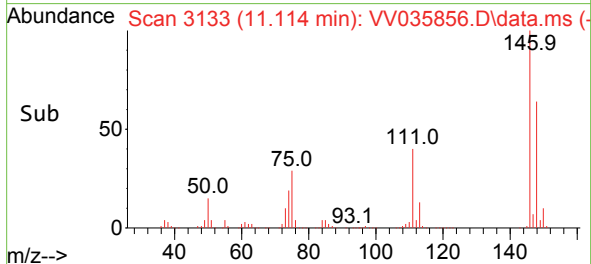


#64
1,3-Dichlorobenzene
Concen: 24.054 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

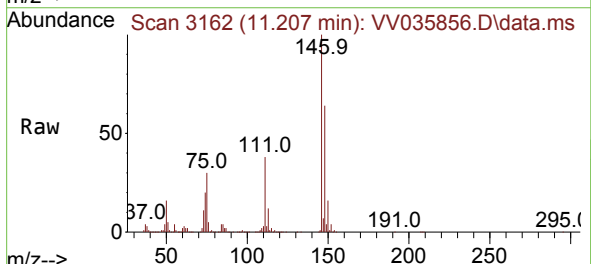
Instrument :
MSVOA_V
ClientSampleId :



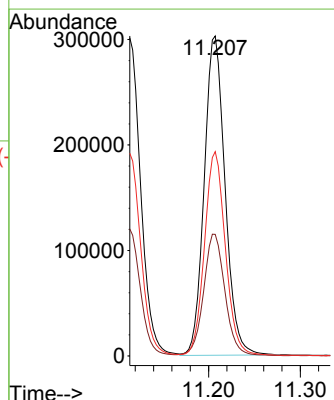
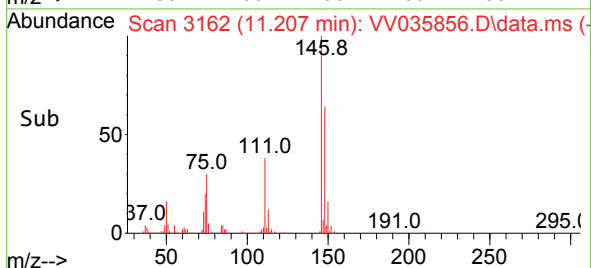
Tgt Ion:146 Resp: 464315
Ion Ratio Lower Upper
146 100
111 39.9 27.0 50.2
148 63.7 44.3 82.3

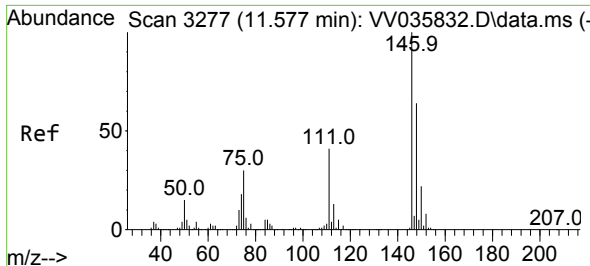


#65
1,4-Dichlorobenzene
Concen: 23.924 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59



Tgt Ion:146 Resp: 478073
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.6
148 63.9 44.9 83.3

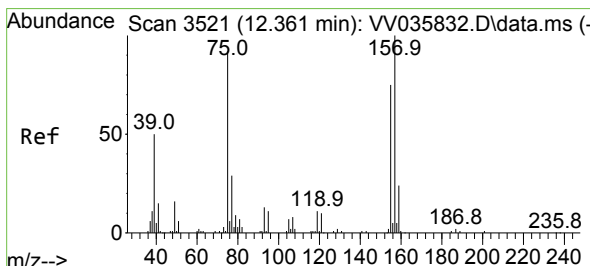
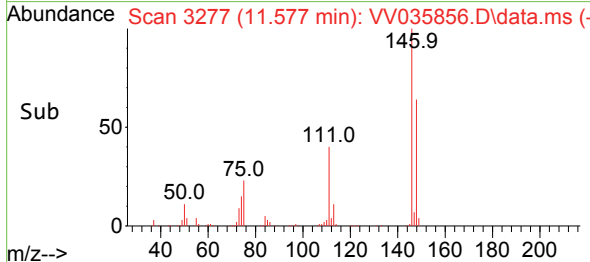
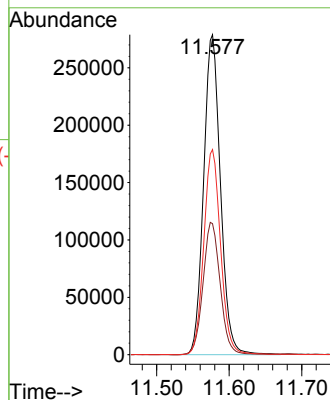
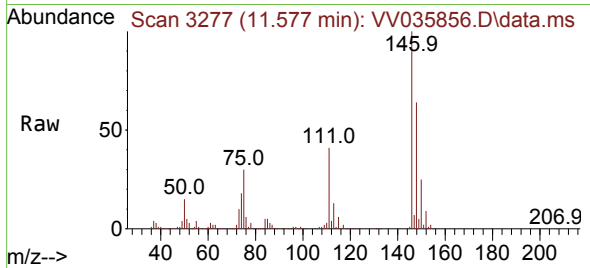




#67
1,2-Dichlorobenzene
Concen: 24.775 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

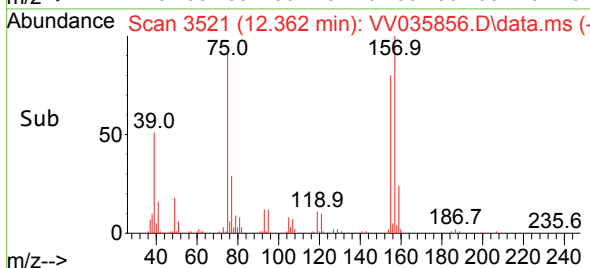
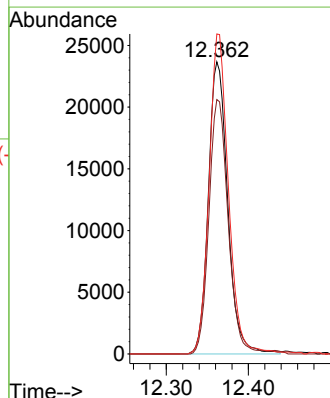
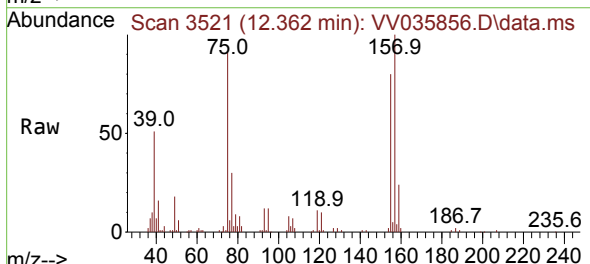
Instrument :
MSVOA_V
ClientSampleId :

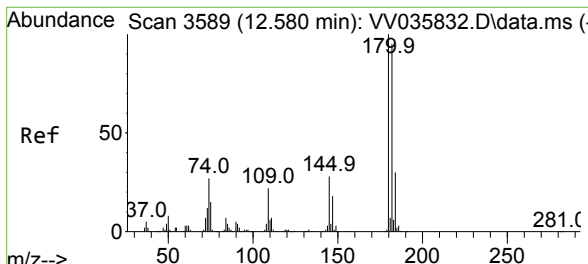
Tgt Ion:146 Resp: 450177
Ion Ratio Lower Upper
146 100
111 41.0 32.6 48.8
148 64.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 25.959 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

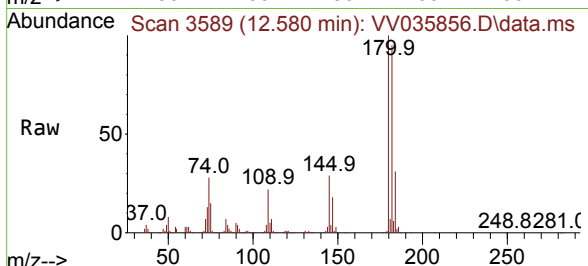
Tgt Ion: 75 Resp: 38955
Ion Ratio Lower Upper
75 100
155 87.1 69.8 104.6
157 109.5 95.0 142.6



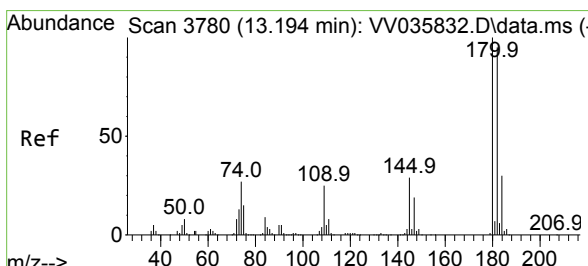
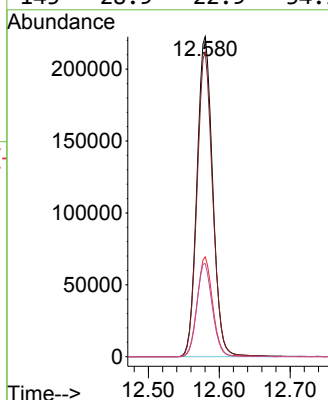
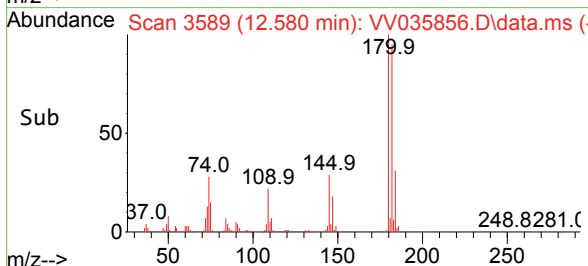


#69
 1,3,5-Trichlorobenzene
 Concen: 22.732 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59

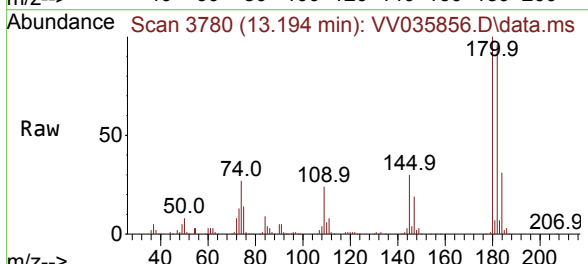
Instrument :
 MSVOA_V
 ClientSampleId :



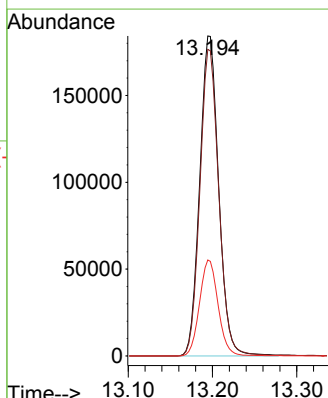
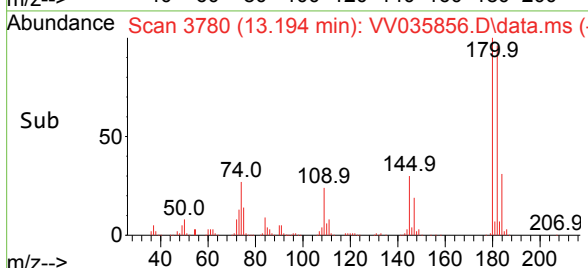
Tgt Ion:	180	Resp:	342889
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.2	114.2
184	30.4	24.1	36.1
145	28.9	22.9	34.3

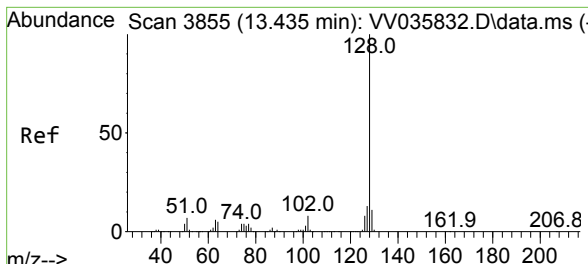


#70
 1,2,4-trichlorobenzene
 Concen: 22.921 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV035856.D
 Acq: 28 May 2024 18:59



Tgt Ion:	180	Resp:	288701
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.6	114.8
145	29.5	23.2	34.8

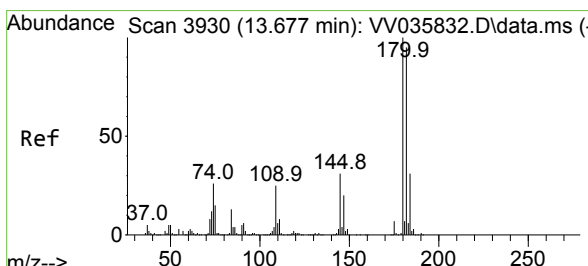
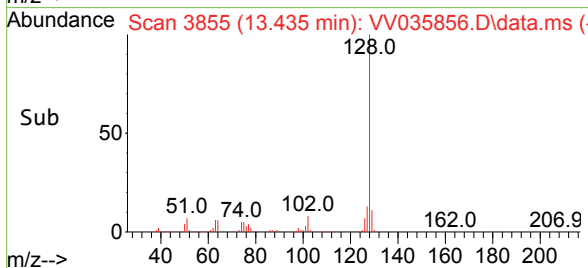
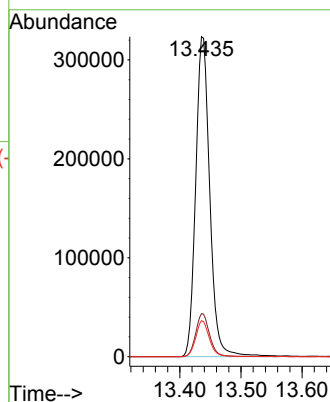
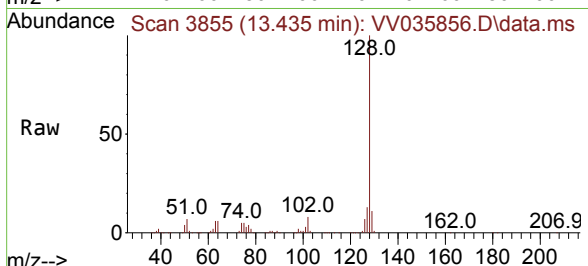




#71
Naphthalene
Concen: 23.387 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	517138
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.053 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035856.D
Acq: 28 May 2024 18:59

Tgt Ion:	180	Resp:	283870
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.8	113.6
145	31.8	25.2	37.8

