

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036406.D
 Acq On : 02 Jul 2024 04:05
 Operator : SY/MD
 Sample : P3087-02MS
 Misc : 5.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	563422	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	544543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	260599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	122323	12.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.120%
7) Chloroethane-d5	1.526	69	117832	15.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
11) 1,1-Dichloroethene-d2	2.050	65	57920	12.876	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.520%
21) 2-Butanone-d5	3.867	46	30726	13.836	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.680%
24) Chloroform-d	4.240	84	305421	18.365	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.440%
26) 1,2-Dichloroethane-d4	4.937	65	156823	17.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.720%
32) Benzene-d6	4.953	84	565318	18.391	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.560%
36) 1,2-Dichloropropane-d6	5.982	67	177637	19.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.840%
41) Toluene-d8	7.239	98	511454	18.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.551	79	60102	14.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.240%
47) 2-Hexanone-d5	8.034	63	22326	15.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	128430	16.945	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	170664	17.971	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	159056	14.858	ug/L	100
3) Chloromethane	1.211	50	166352	17.167	ug/L	99
5) Vinyl chloride	1.275	62	189316	16.919	ug/L	99
6) Bromomethane	1.481	94	112342	14.928	ug/L	98
8) Chloroethane	1.542	64	127271	18.455	ug/L	98
9) Trichlorofluoromethane	1.706	101	243920	15.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	153651	15.329	ug/L	98
12) 1,1-Dichloroethene	2.063	96	155165	17.484	ug/L	79
13) Acetone	2.388	43	28584	9.527	ug/L	100
14) Carbon disulfide	2.233	76	386172	13.792	ug/L	100
15) Methyl Acetate	2.388	43	31235	8.090	ug/L	97
16) Methylene chloride	2.439	84	215285	19.409	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	164450	18.663	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	382749	18.660	ug/L	99
19) 1,1-Dichloroethane	3.105	63	310967	19.849	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	173014	19.522	ug/L	99
22) 2-Butanone	3.921	43	58057	22.949	ug/L #	63
23) Bromochloromethane	4.140	128	88909	19.240	ug/L	98
25) Chloroform	4.268	83	335333	20.068	ug/L	99

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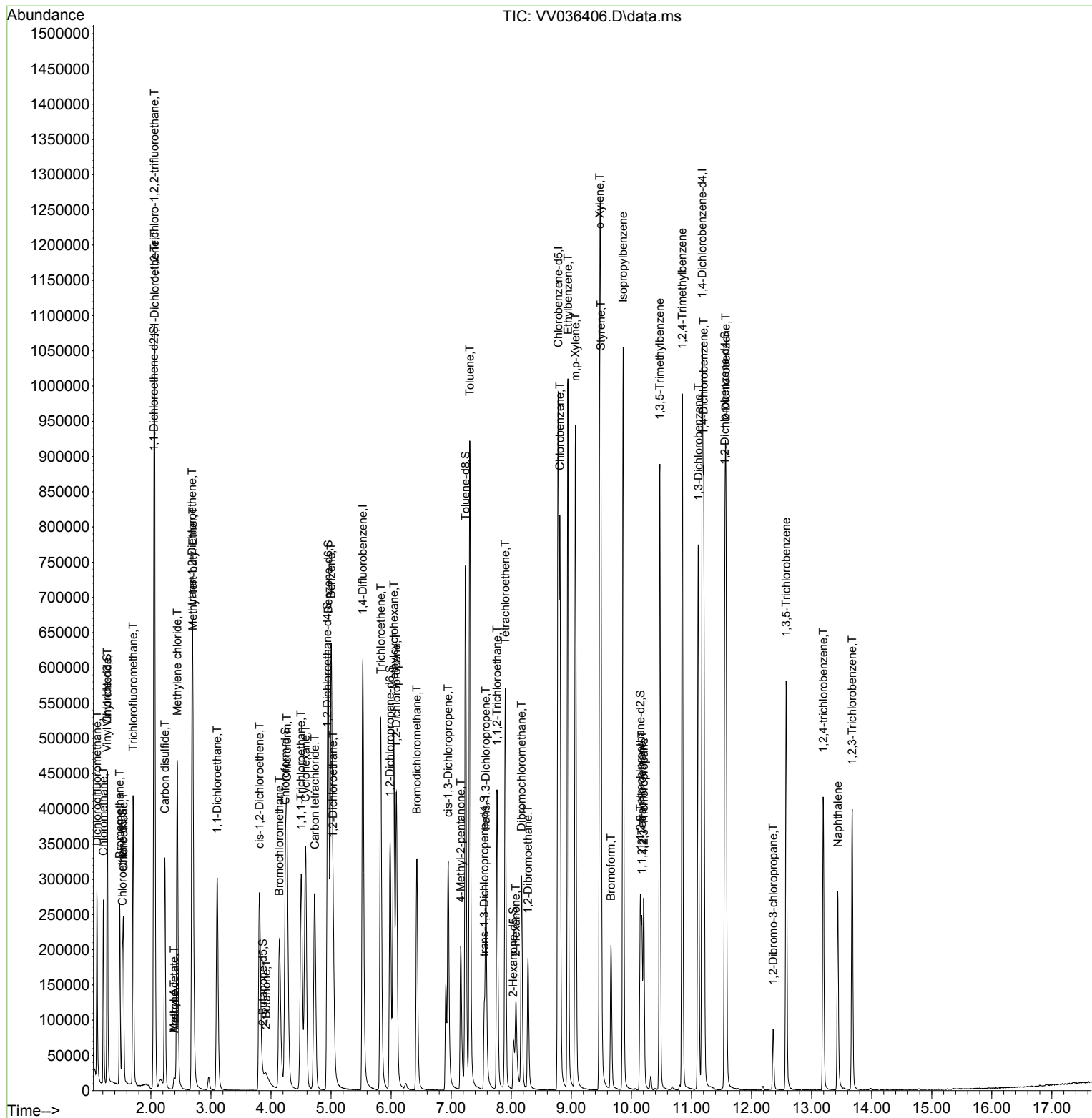
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	204887	18.936	ug/L	99
29) Cyclohexane	4.574	56	180568	15.565	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	261072	19.336	ug/L	99
31) Carbon tetrachloride	4.728	117	219384	18.236	ug/L	99
33) Benzene	5.002	78	671359	20.815	ug/L	100
34) Trichloroethene	5.828	95	189598	18.629	ug/L	97
35) Methylcyclohexane	6.047	83	218939	15.436	ug/L	99
37) 1,2-Dichloropropane	6.088	63	170507	20.700	ug/L	98
38) Bromodichloromethane	6.429	83	234121	20.781	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	210921	16.652	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	134271	28.903	ug/L	99
42) Toluene	7.310	91	701530	20.802	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	189262	16.613	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	137690	18.912	ug/L	99
46) Tetrachloroethene	7.902	164	130274	17.612	ug/L	99
48) 2-Hexanone	8.079	43	93772	25.662	ug/L	90
49) Dibromochloromethane	8.172	129	159108	19.604	ug/L	99
50) 1,2-Dibromoethane	8.278	107	128881	17.969	ug/L	99
51) Chlorobenzene	8.808	112	445502	19.325	ug/L	99
52) Ethylbenzene	8.944	91	702372	19.299	ug/L	99
53) m,p-Xylene	9.069	106	267294	19.706	ug/L	99
54) o-Xylene	9.474	106	255818	20.056	ug/L	99
55) Styrene	9.493	104	433525	19.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	114905	17.634	ug/L	98
59) Bromoform	9.661	173	95287	19.316	ug/L	99
60) Isopropylbenzene	9.863	105	657081	20.859	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	108063	18.375	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	458866	20.354	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	510794	20.850	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	320759	19.541	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	330524	18.785	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	302833	19.325	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	21301	16.144	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	182595	14.773	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	129341	13.122	ug/L	99
71) Naphthalene	13.435	128	227005	12.917	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	123837	13.361	ug/L	100

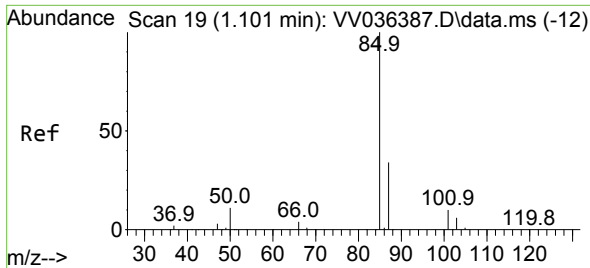
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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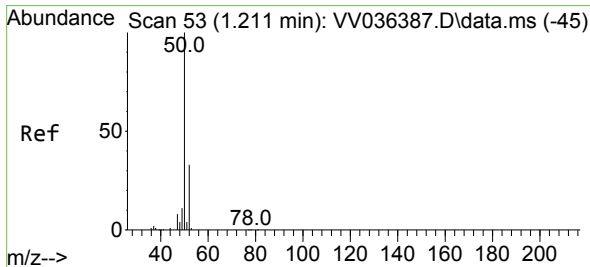
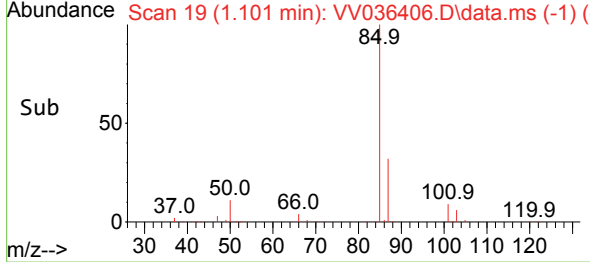
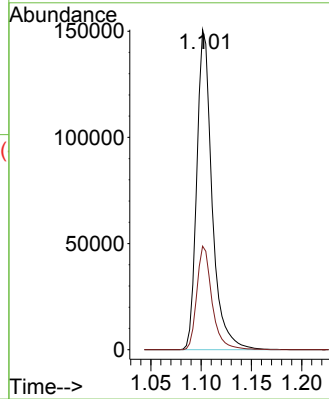
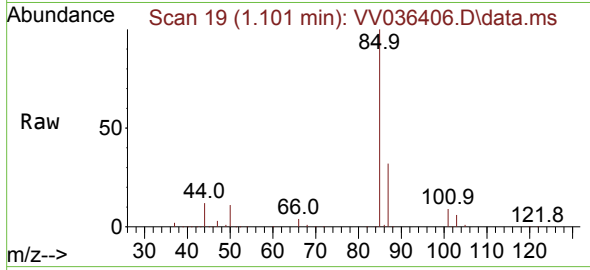




#2
 Dichlorodifluoromethane
 Concen: 14.858 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

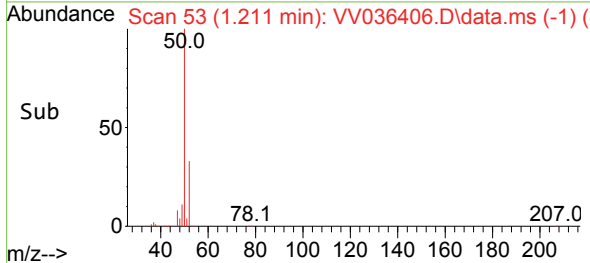
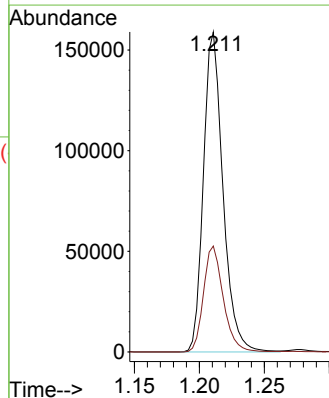
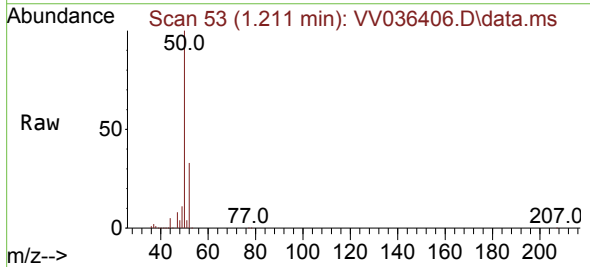
Instrument :
 MSVOA_V
 ClientSampleId :

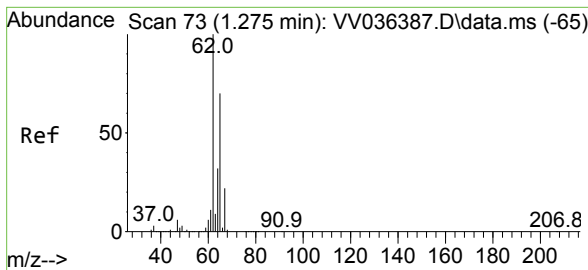
Tgt Ion: 85 Resp: 159056
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 17.167 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

Tgt Ion: 50 Resp: 166352
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7

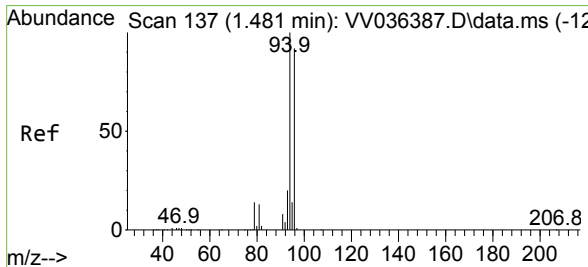
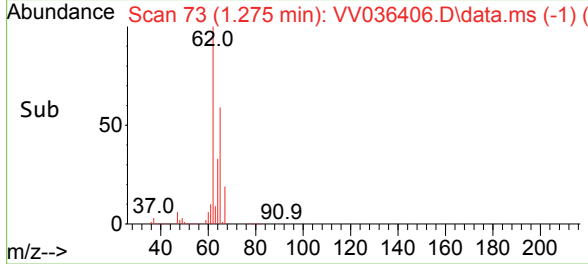
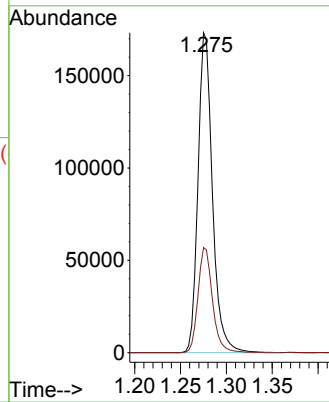
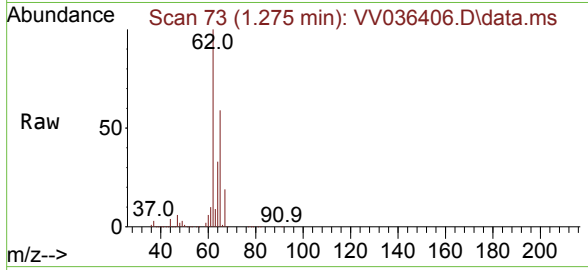




#5
 Vinyl chloride
 Concen: 16.919 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

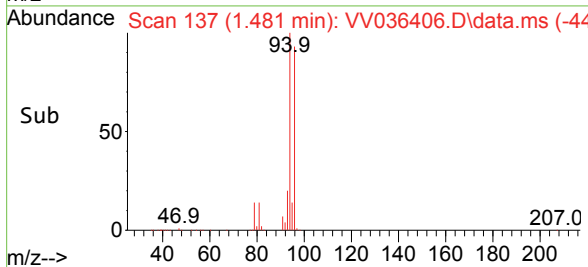
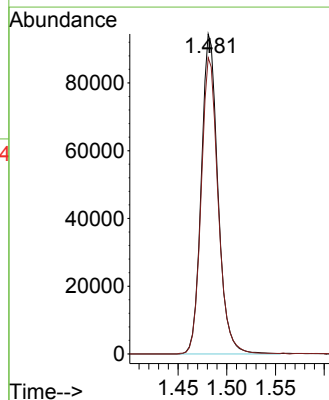
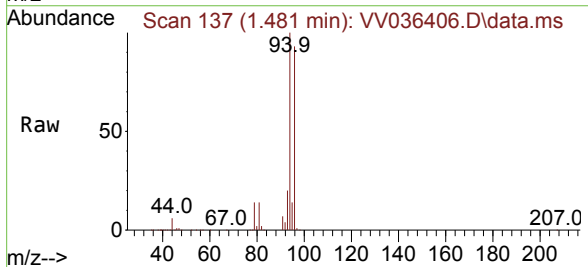
Instrument :
 MSVOA_V
 ClientSampleId :

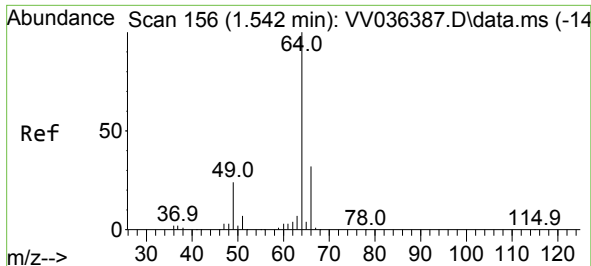
Tgt Ion: 62 Resp: 189316
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 14.928 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

Tgt Ion: 94 Resp: 112342
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.1 122.7

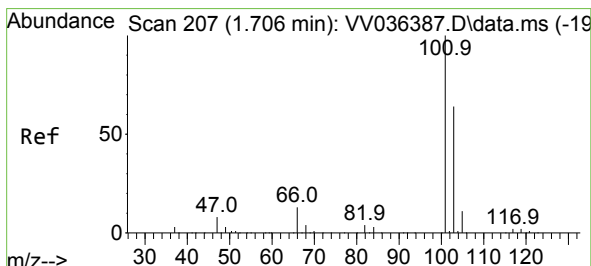
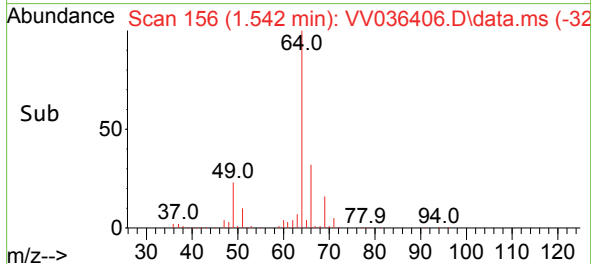
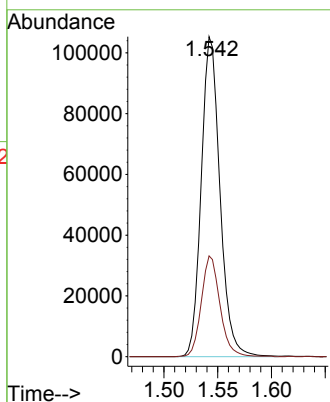
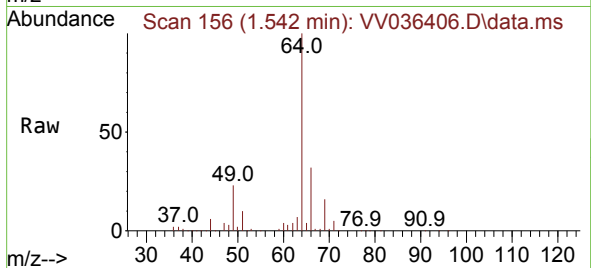




#8
Chloroethane
Concen: 18.455 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

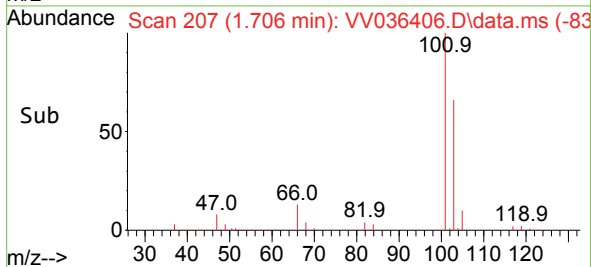
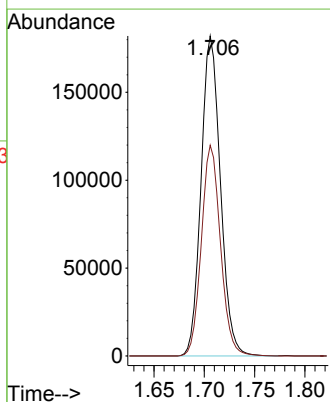
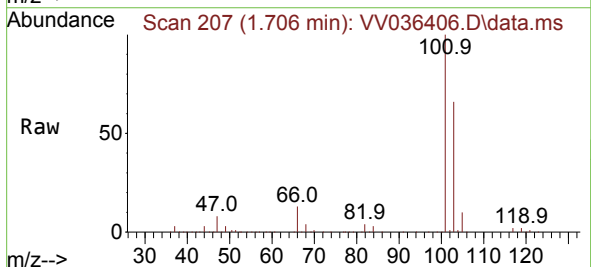
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MSVOA_V
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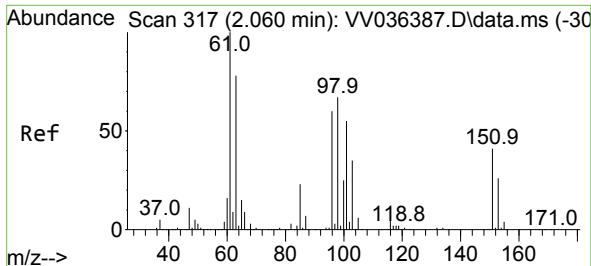
Tgt Ion: 64 Resp: 127271
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 15.264 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:101 Resp: 243920
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

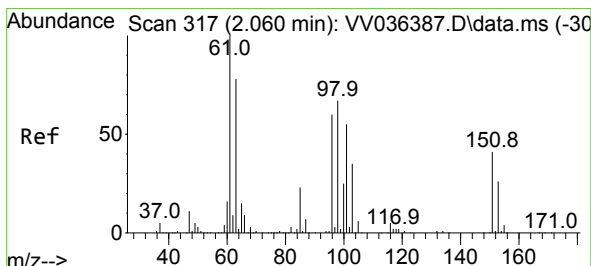
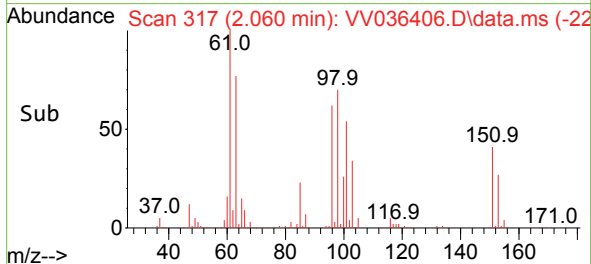
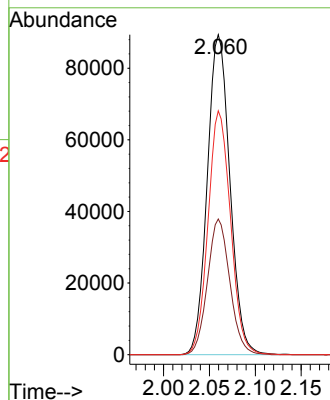
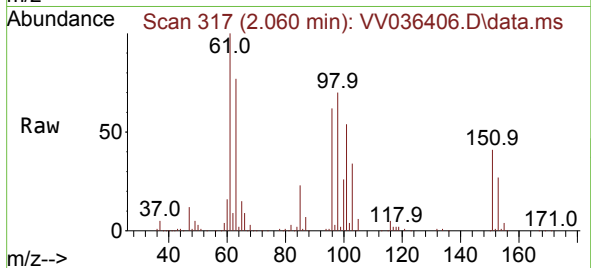




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.329 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

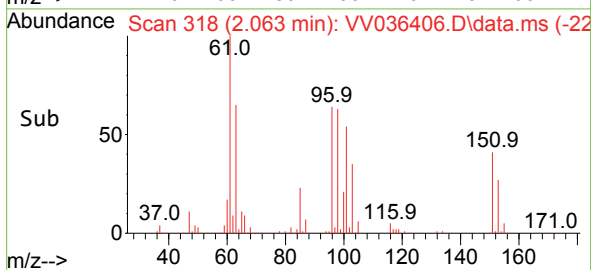
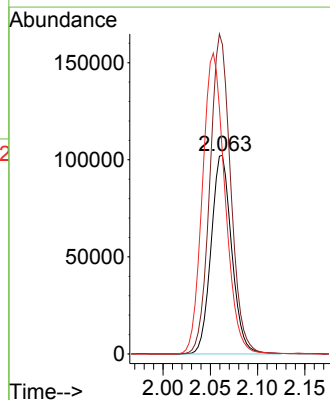
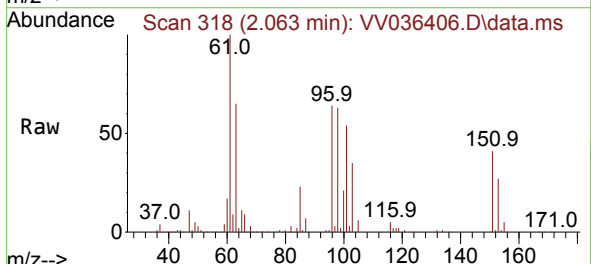
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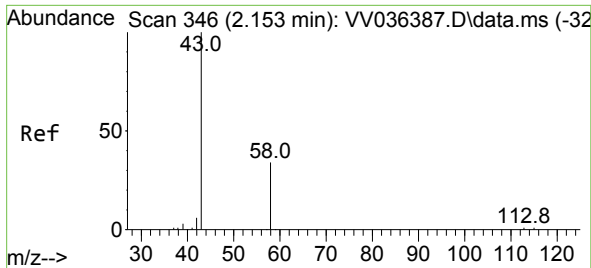
Tgt Ion:101 Resp: 153651
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.6 51.8
 151 75.7 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 17.484 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.003 min
 Lab File: VV036406.D
 Acq: 02 Jul 2024 04:05

Tgt Ion: 96 Resp: 155165
 Ion Ratio Lower Upper
 96 100
 61 155.8 122.6 227.8
 63 100.7 96.1 178.5





#13

Acetone

Concen: 9.527 ug/L

RT: 2.388 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

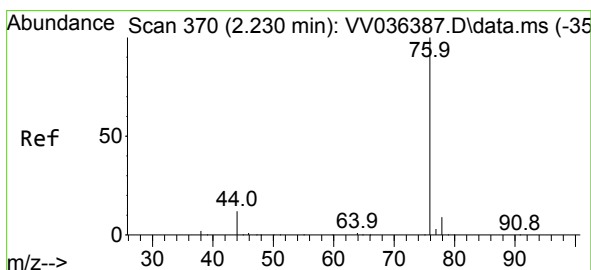
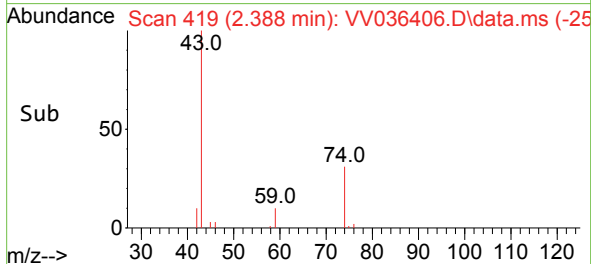
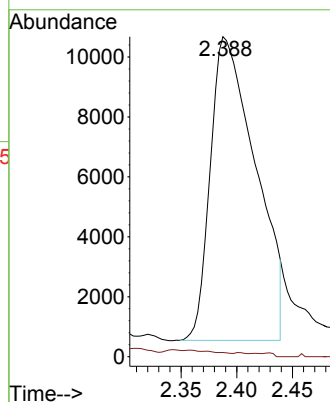
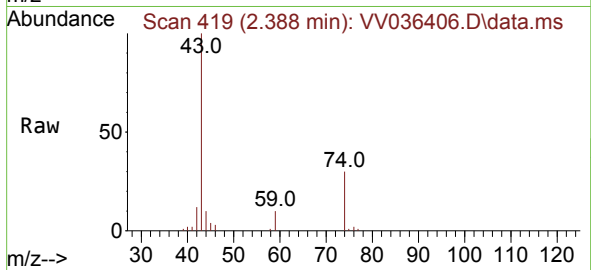
ClientSampleId :

Tgt Ion: 43 Resp: 28584

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 13.792 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036406.D

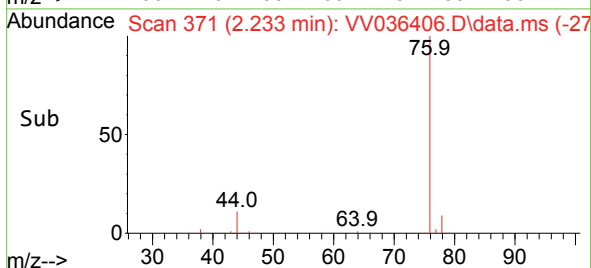
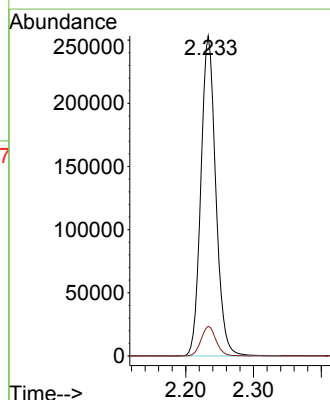
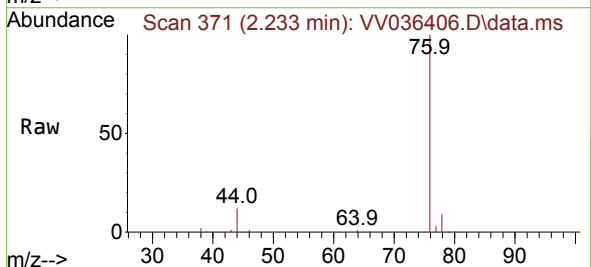
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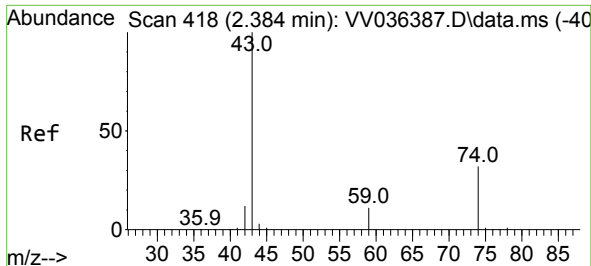
Tgt Ion: 76 Resp: 386172

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

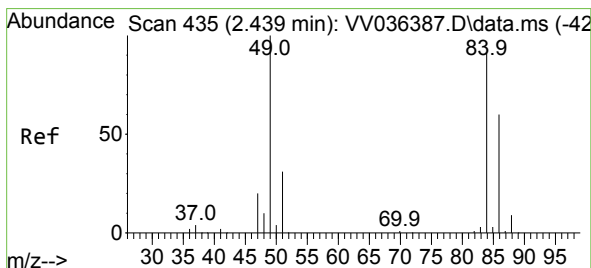
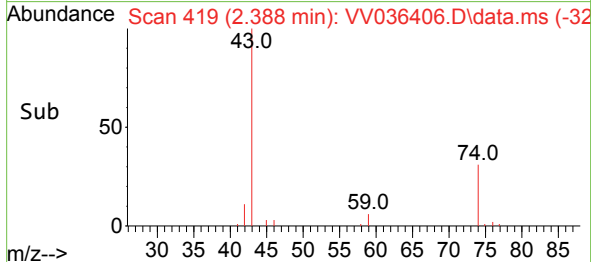
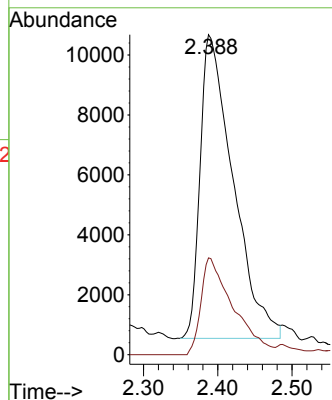
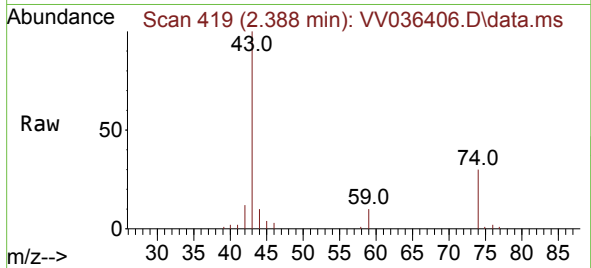




#15
Methyl Acetate
Concen: 8.090 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

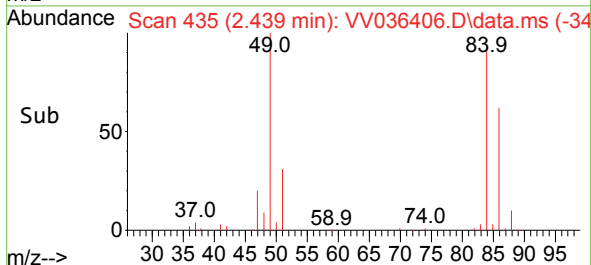
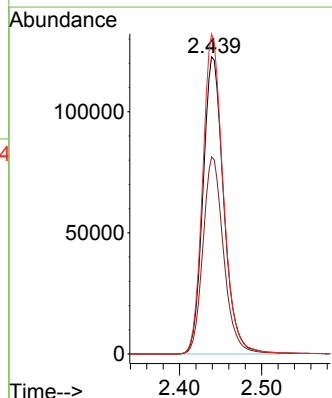
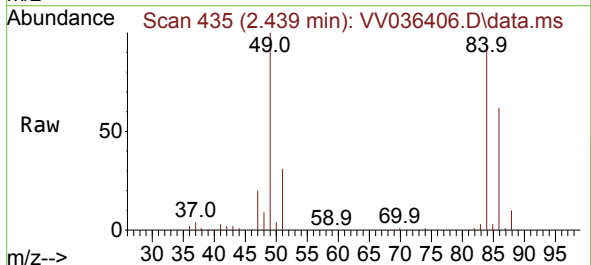
Instrument :
MSVOA_V
ClientSampleId :

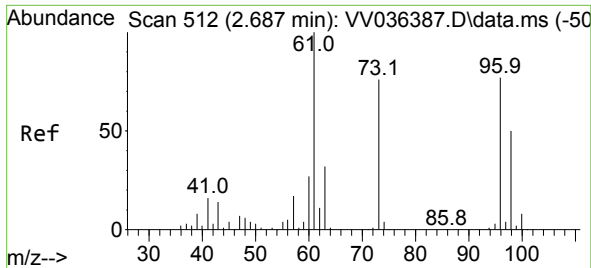
Tgt Ion: 43 Resp: 31235
Ion Ratio Lower Upper
43 100
74 31.3 23.8 35.6



#16
Methylene chloride
Concen: 19.409 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

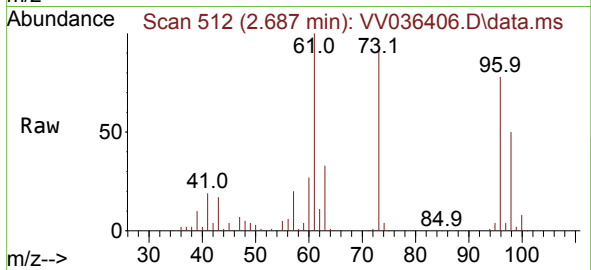
Tgt Ion: 84 Resp: 215285
Ion Ratio Lower Upper
84 100
86 66.3 45.6 84.8
49 107.7 75.7 140.5



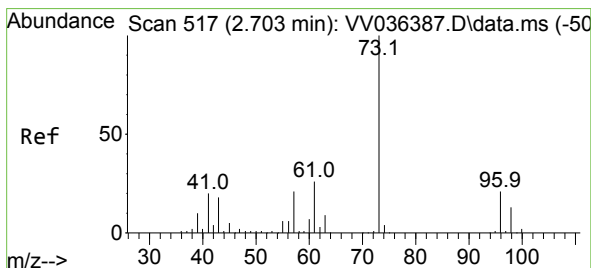
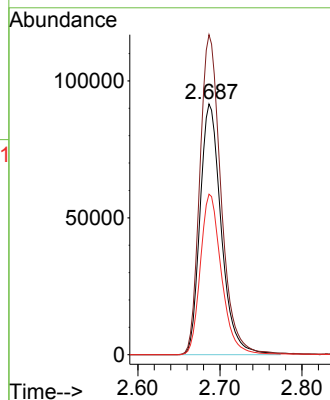
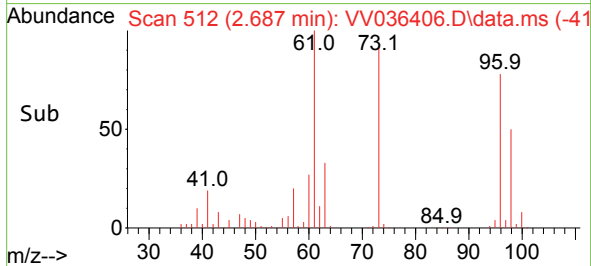


#17
trans-1,2-Dichloroethene
Concen: 18.663 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

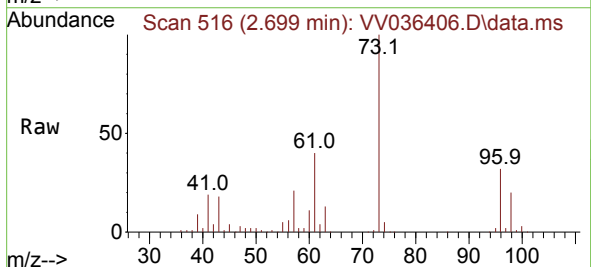
Instrument :
MSVOA_V
ClientSampleId :



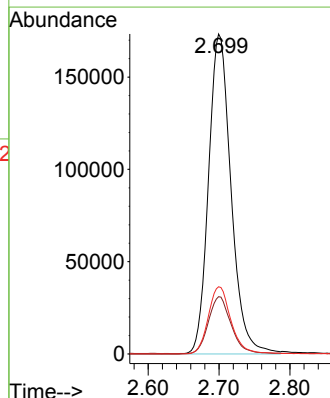
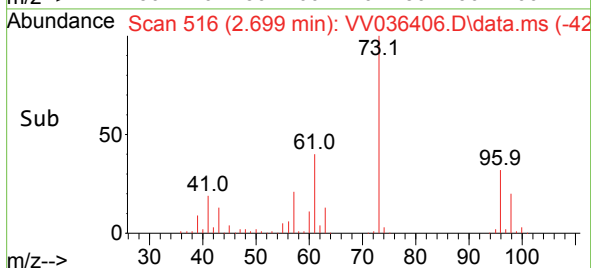
Tgt Ion: 96 Resp: 164450
Ion Ratio Lower Upper
96 100
61 127.6 89.8 166.8
98 64.0 45.3 84.1

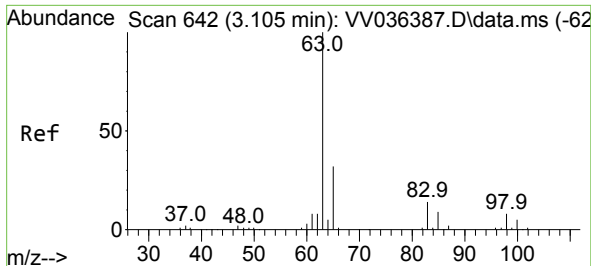


#18
Methyl tert-butyl Ether
Concen: 18.660 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05



Tgt Ion: 73 Resp: 382749
Ion Ratio Lower Upper
73 100
43 17.8 14.7 22.1
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 19.849 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

ClientSampleId :

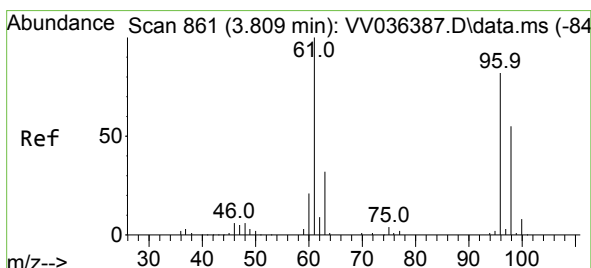
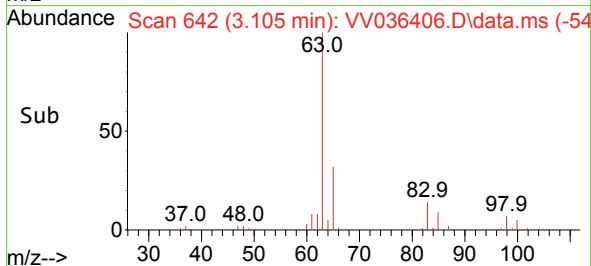
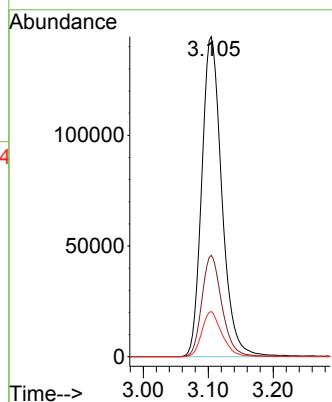
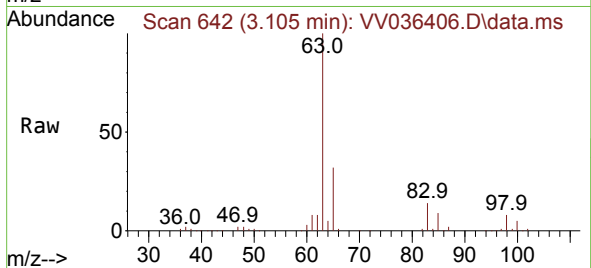
Tgt Ion: 63 Resp: 310967

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 19.522 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

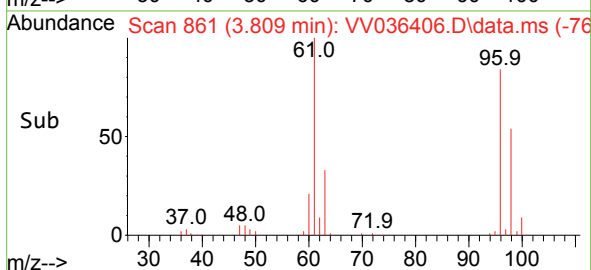
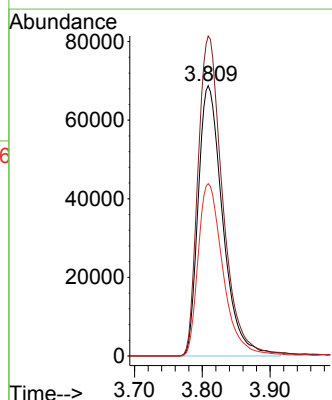
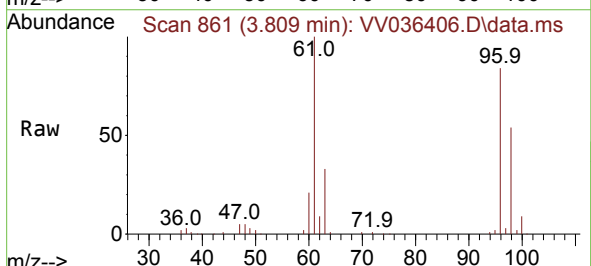
Tgt Ion: 96 Resp: 173014

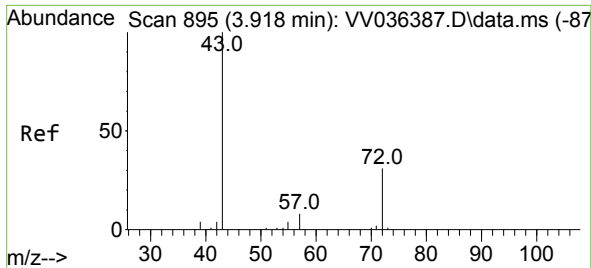
Ion Ratio Lower Upper

96 100

61 118.4 83.7 155.5

98 63.7 44.2 82.0

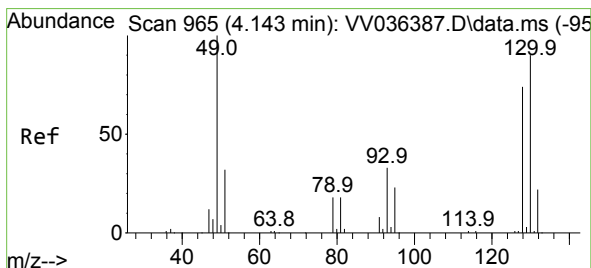
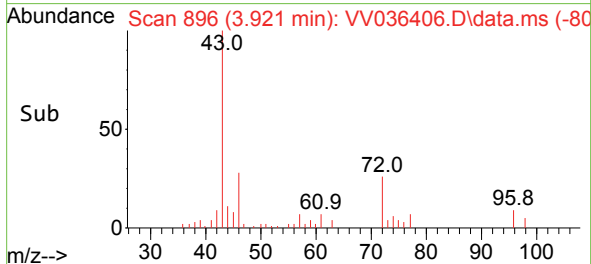
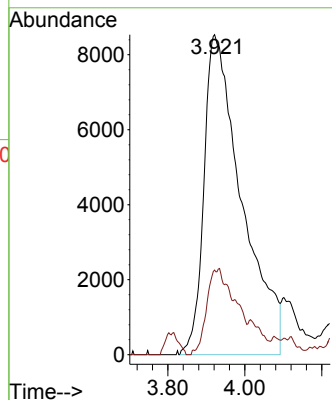
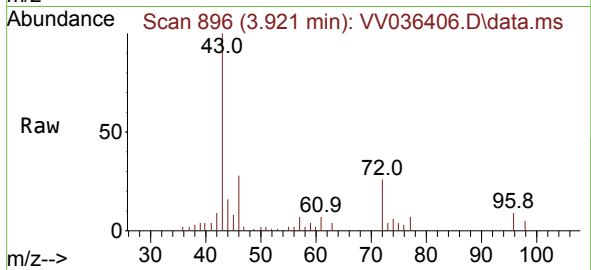




#22
2-Butanone
Concen: 22.949 ug/L
RT: 3.921 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

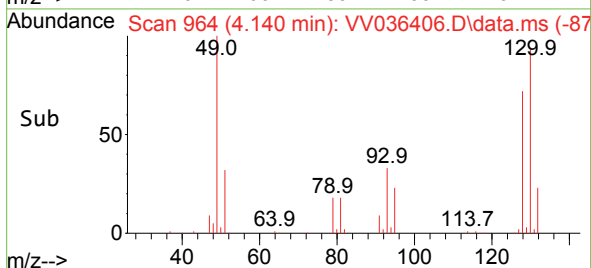
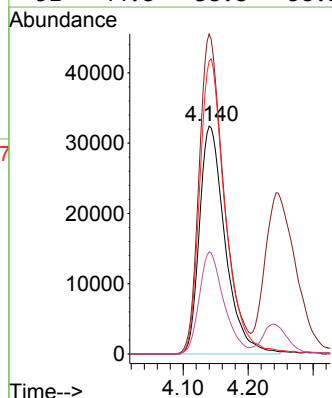
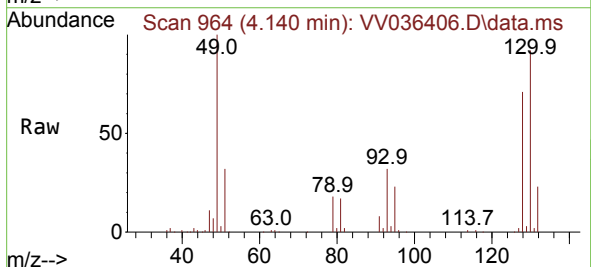
Instrument :
MSVOA_V
ClientSampleId :

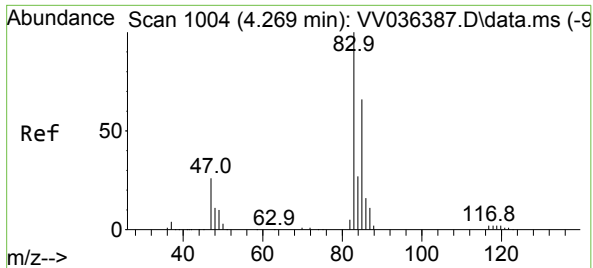
Tgt Ion: 43 Resp: 58057
Ion Ratio Lower Upper
43 100
72 6.8 12.9 38.7#



#23
Bromochloromethane
Concen: 19.240 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:128 Resp: 88909
Ion Ratio Lower Upper
128 100
49 140.4 99.2 184.2
130 128.6 88.9 165.1
51 44.8 38.8 58.2

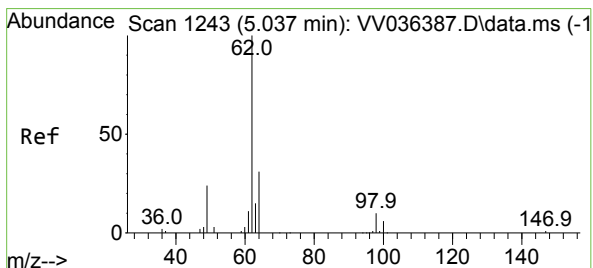
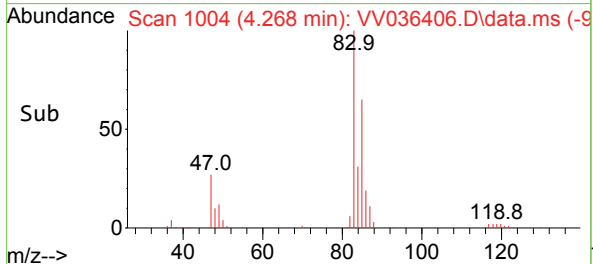
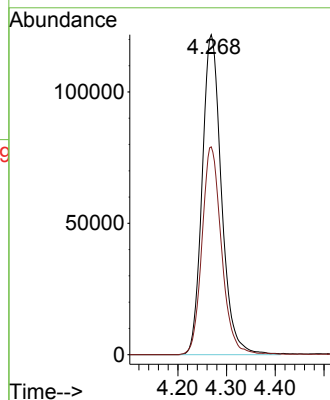
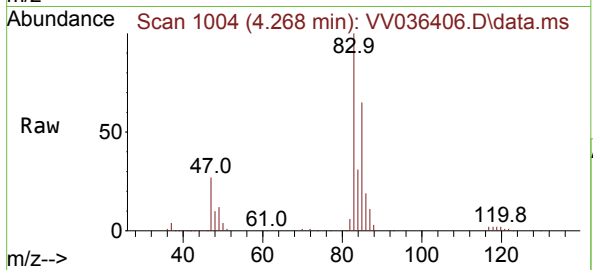




#25
Chloroform
Concen: 20.068 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

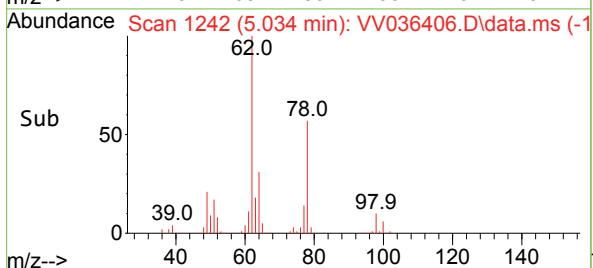
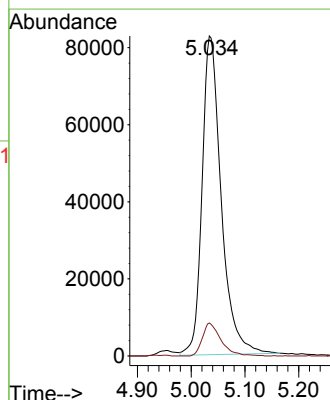
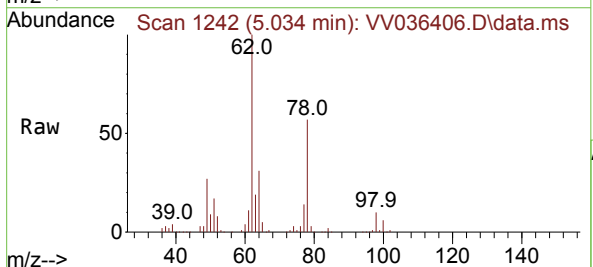
Instrument :
MSVOA_V
ClientSampleId :

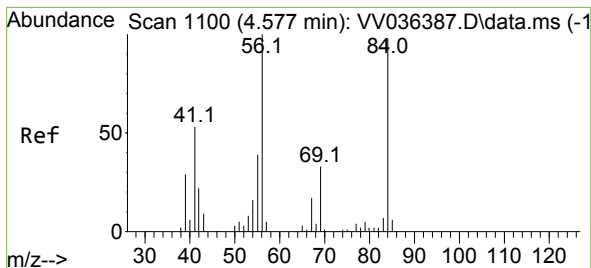
Tgt Ion: 83 Resp: 335333
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6



#27
1,2-Dichloroethane
Concen: 18.936 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion: 62 Resp: 204887
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8





#29

Cyclohexane

Concen: 15.565 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

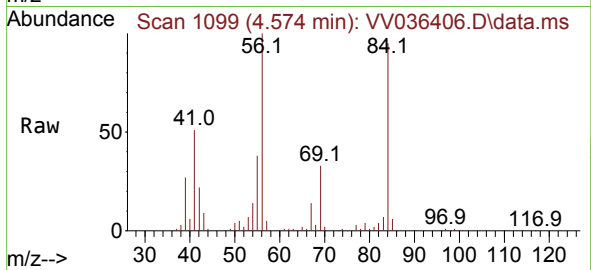
Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

ClientSampleId :



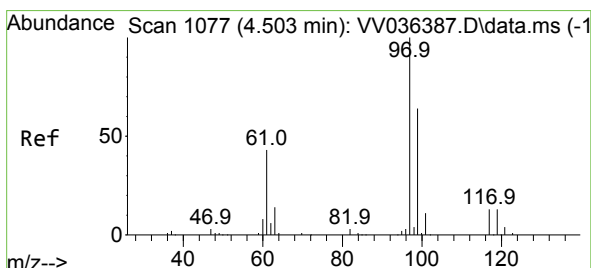
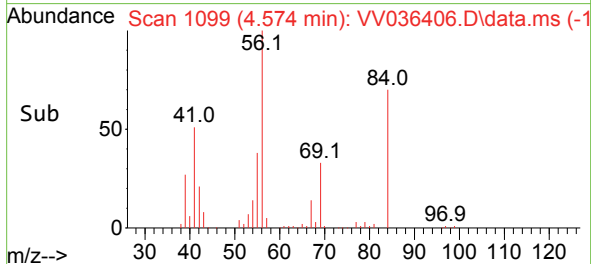
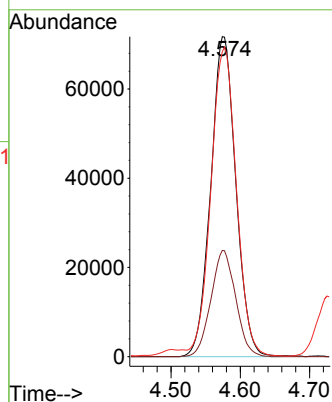
Tgt Ion: 56 Resp: 180568

Ion Ratio Lower Upper

56 100

69 32.7 26.0 39.0

84 97.7 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 19.336 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

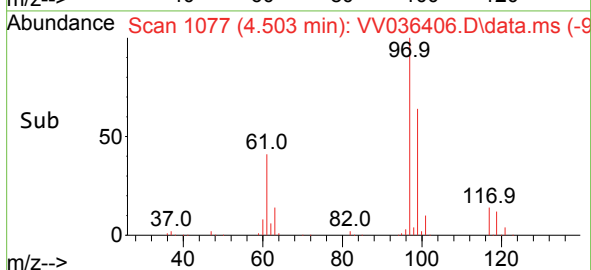
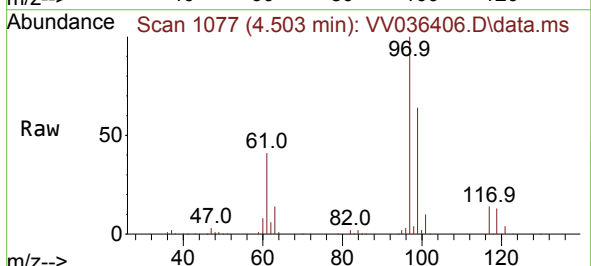
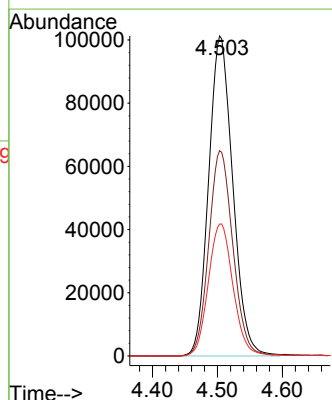
Tgt Ion: 97 Resp: 261072

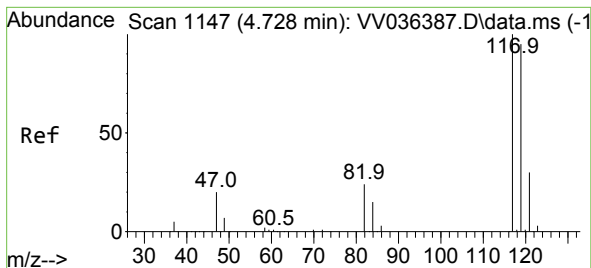
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 42.2 34.8 52.2





#31

Carbon tetrachloride

Concen: 18.236 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

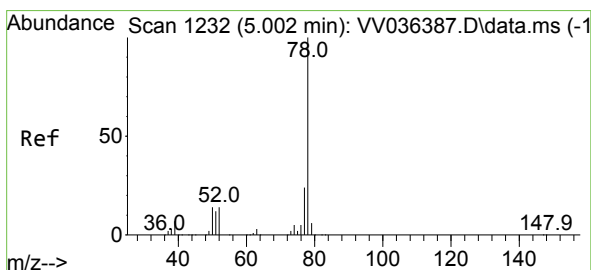
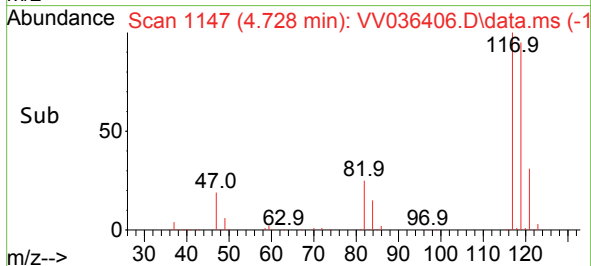
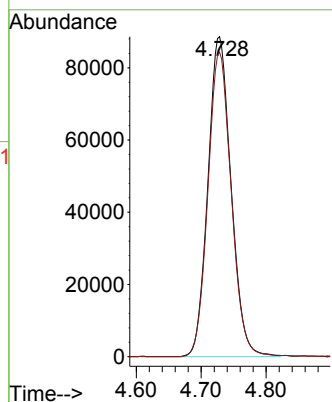
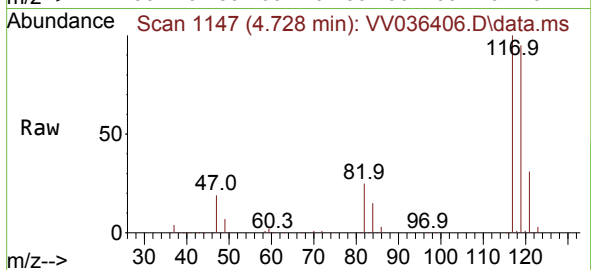
ClientSampleId :

Tgt Ion:117 Resp: 219384

Ion Ratio Lower Upper

117 100

119 95.7 77.2 115.8



#33

Benzene

Concen: 20.815 ug/L

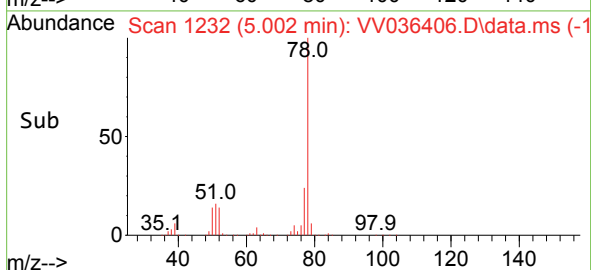
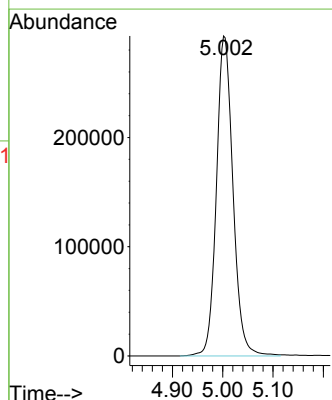
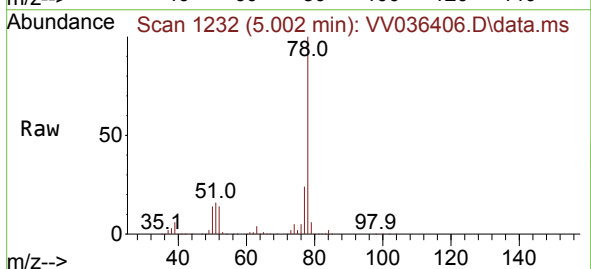
RT: 5.002 min Scan# 1232

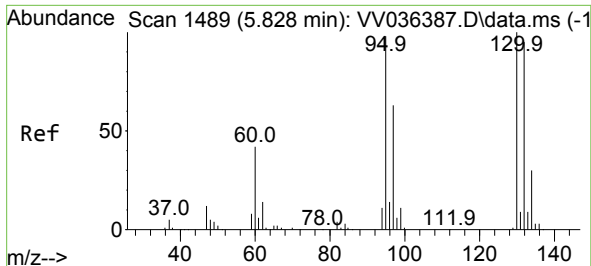
Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Tgt Ion: 78 Resp: 671359

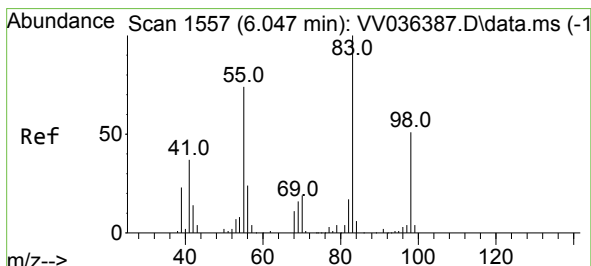
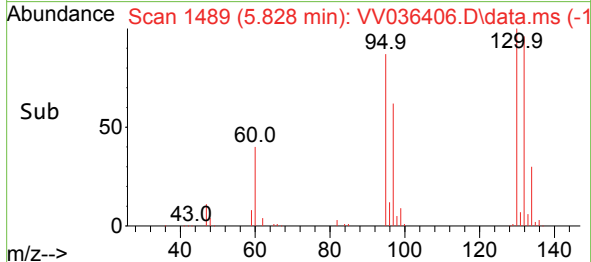
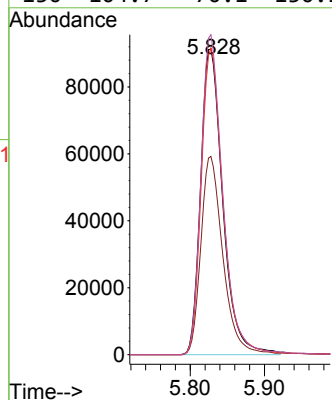
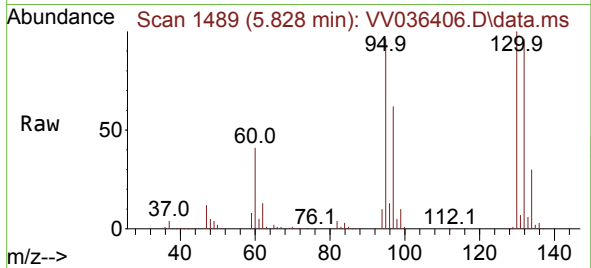




#34
Trichloroethene
Concen: 18.629 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

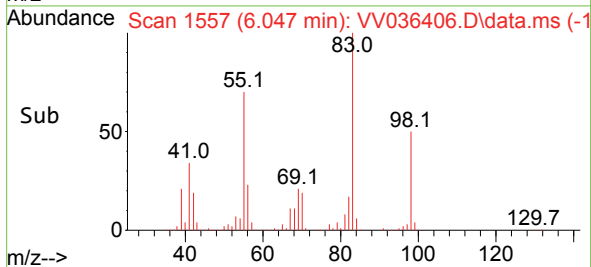
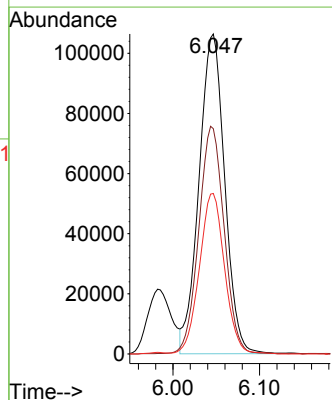
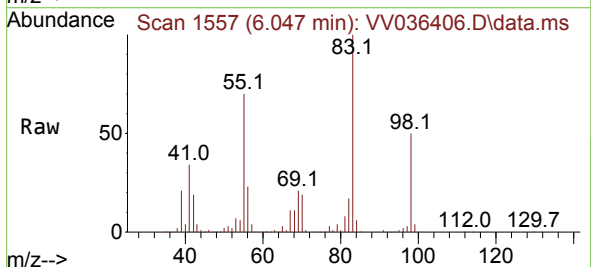
Instrument :
MSVOA_V
ClientSampleId :

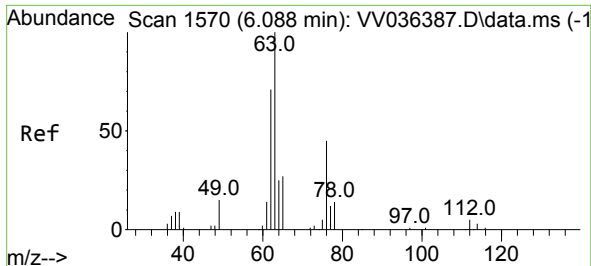
Tgt Ion: 95 Resp: 189598
Ion Ratio Lower Upper
95 100
97 64.9 45.1 83.7
132 100.4 67.7 125.7
130 104.7 70.1 130.1



#35
Methylcyclohexane
Concen: 15.436 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion: 83 Resp: 218939
Ion Ratio Lower Upper
83 100
55 70.5 56.0 84.0
98 49.4 39.0 58.6





#37

1,2-Dichloropropane

Concen: 20.700 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

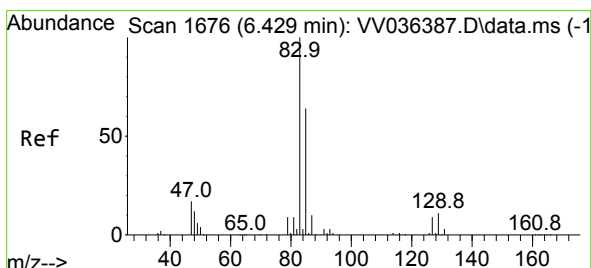
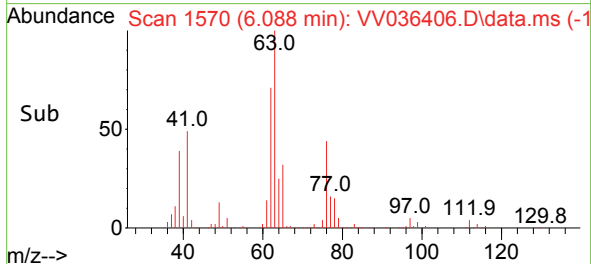
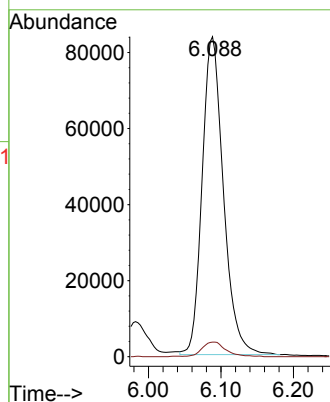
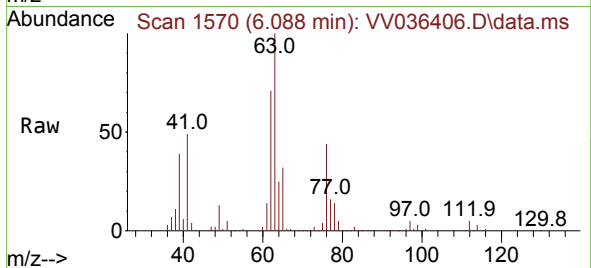
ClientSampleId :

Tgt Ion: 63 Resp: 170507

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.2



#38

Bromodichloromethane

Concen: 20.781 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

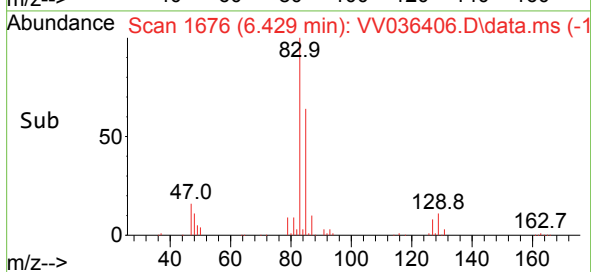
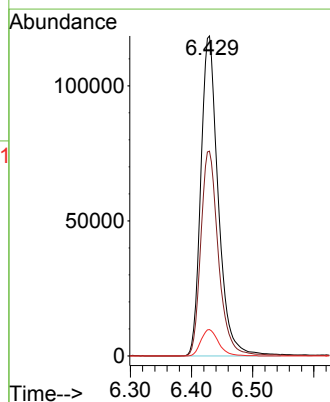
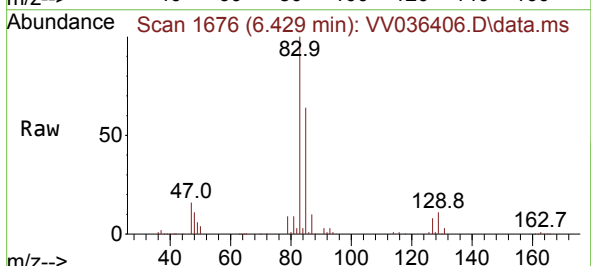
Tgt Ion: 83 Resp: 234121

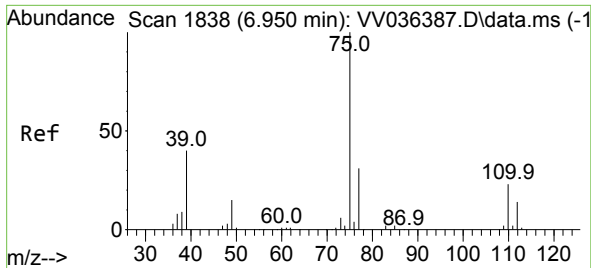
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 16.652 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

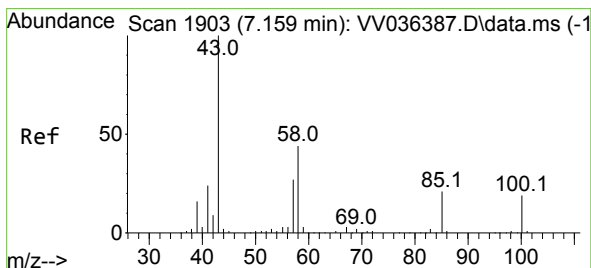
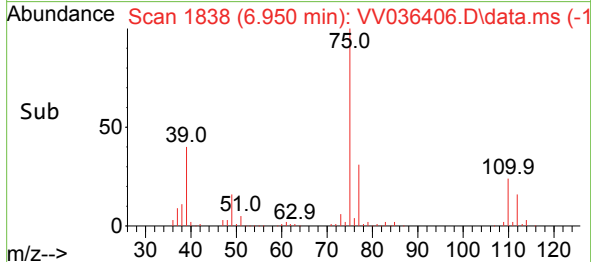
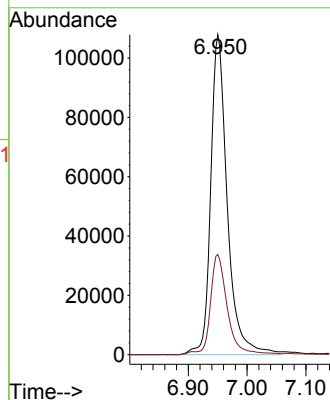
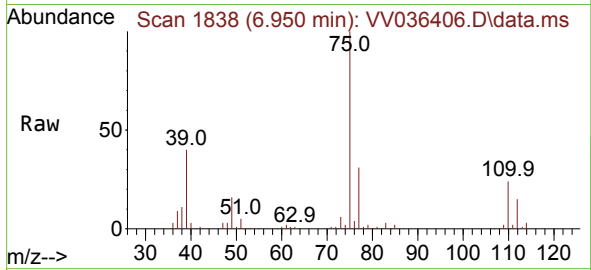
ClientSampleId :

Tgt Ion: 75 Resp: 210921

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 28.903 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

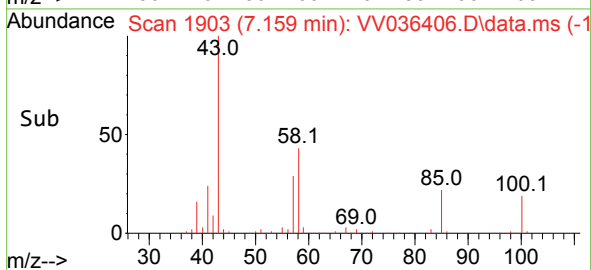
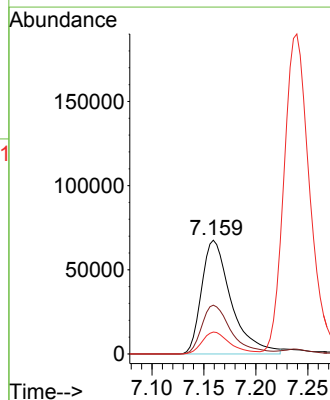
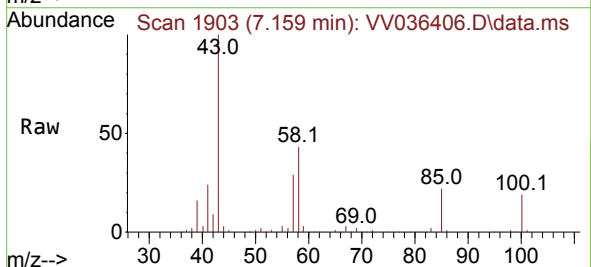
Tgt Ion: 43 Resp: 134271

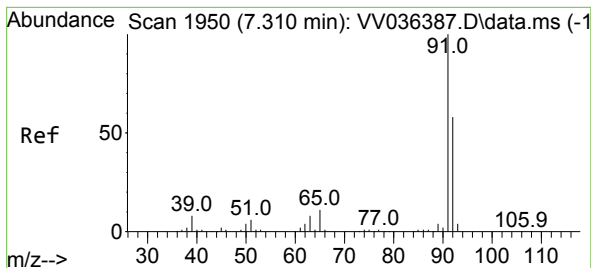
Ion Ratio Lower Upper

43 100

58 42.7 34.8 52.2

100 18.3 14.6 21.8





#42

Toluene

Concen: 20.802 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

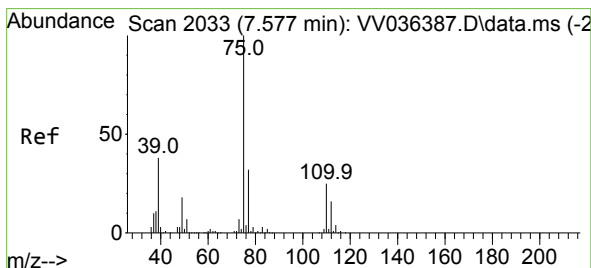
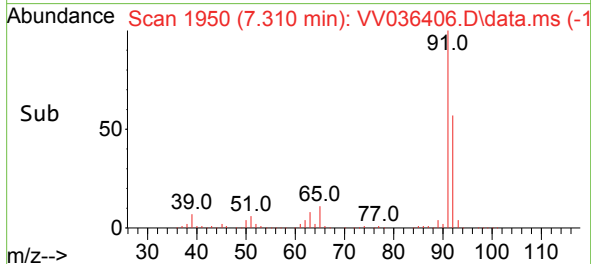
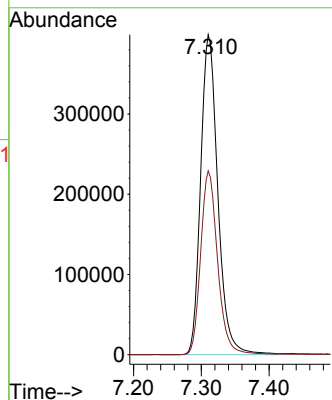
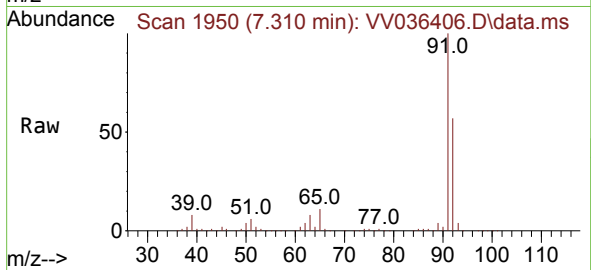
ClientSampleId :

Tgt Ion: 91 Resp: 701530

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 16.613 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036406.D

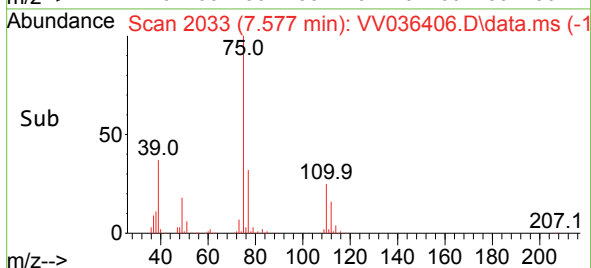
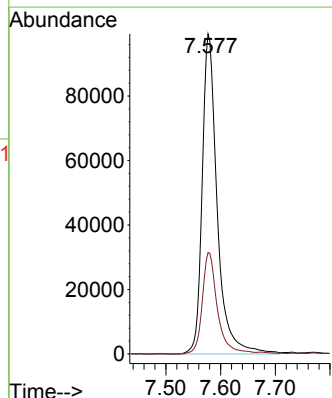
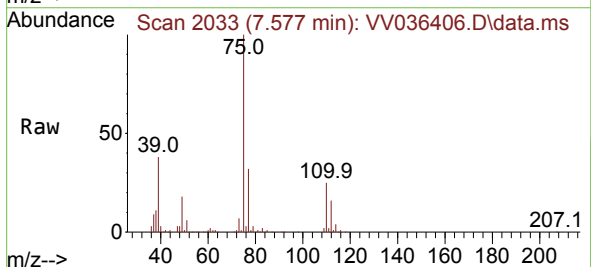
Acq: 02 Jul 2024 04:05

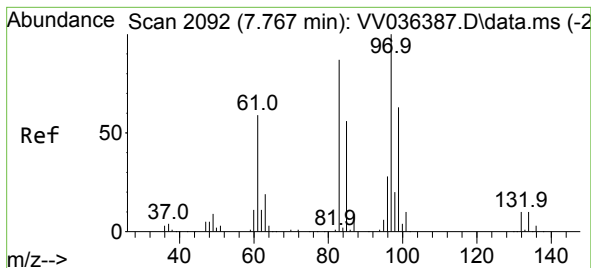
Tgt Ion: 75 Resp: 189262

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 18.912 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.003 min

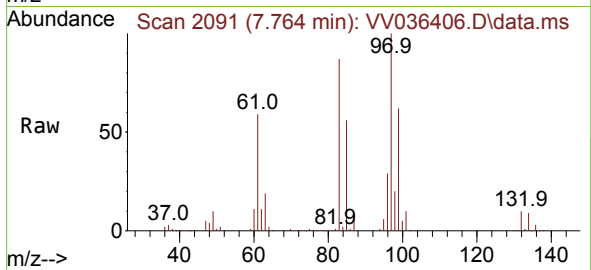
Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 137690

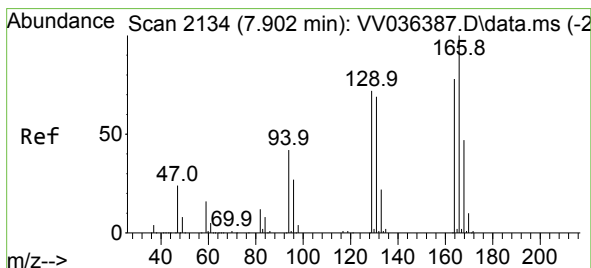
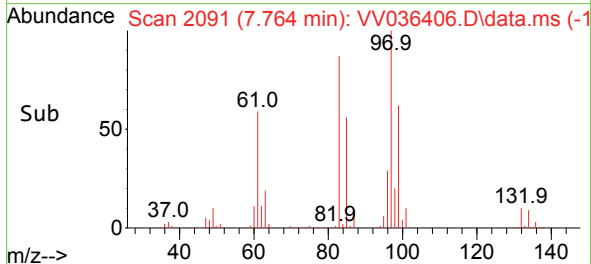
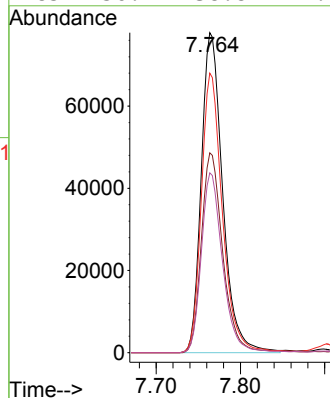
Ion Ratio Lower Upper

97 100

99 62.4 43.8 81.3

83 87.3 60.6 112.6

85 56.2 38.8 72.0



#46

Tetrachloroethene

Concen: 17.612 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Tgt Ion: 164 Resp: 130274

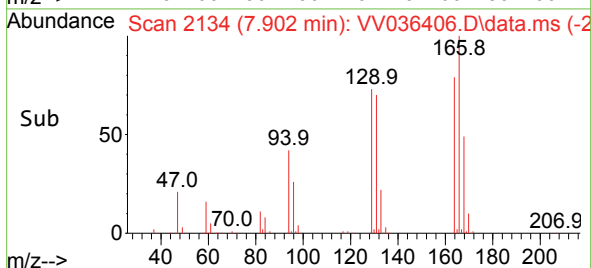
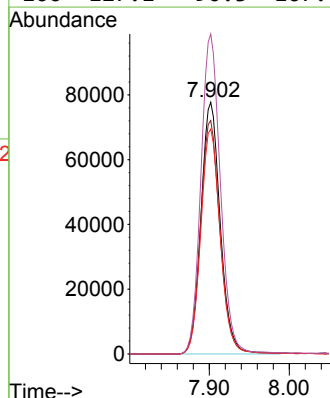
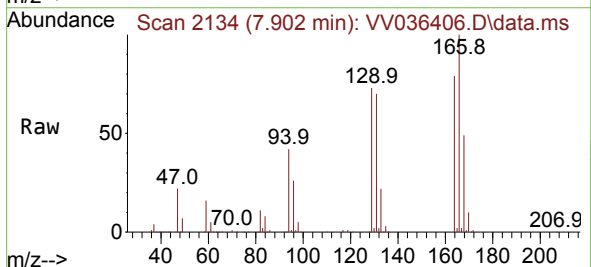
Ion Ratio Lower Upper

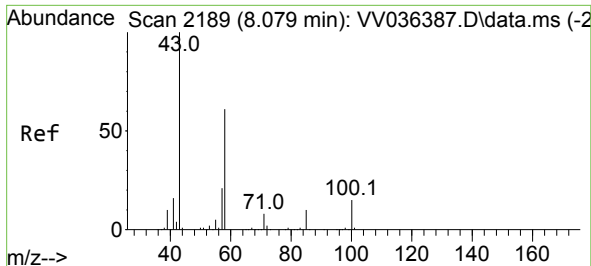
164 100

129 92.7 65.9 122.5

131 89.3 63.3 117.7

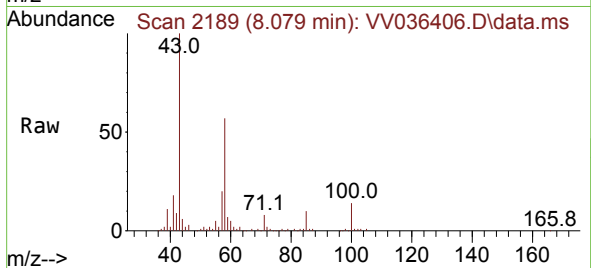
166 127.1 90.3 167.7



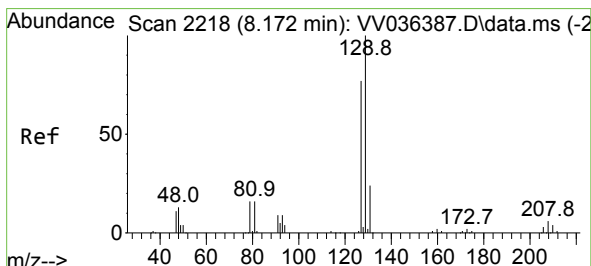
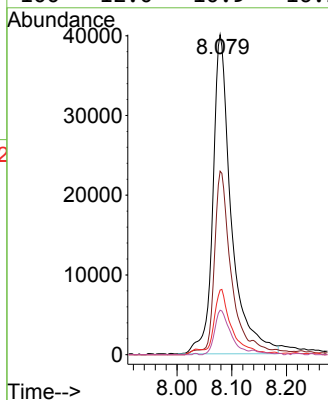
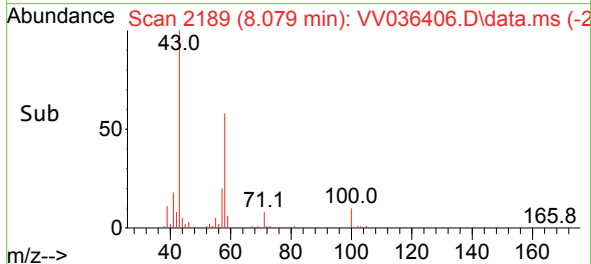


#48
2-Hexanone
Concen: 25.662 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Instrument :
MSVOA_V
ClientSampleId :

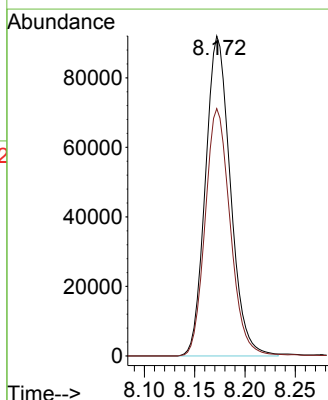
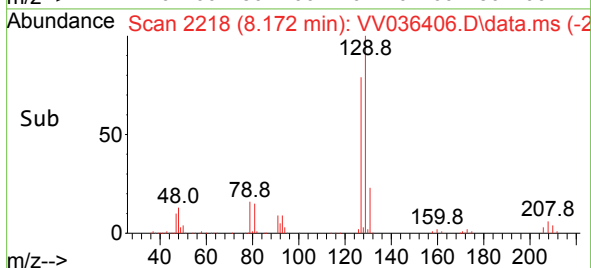
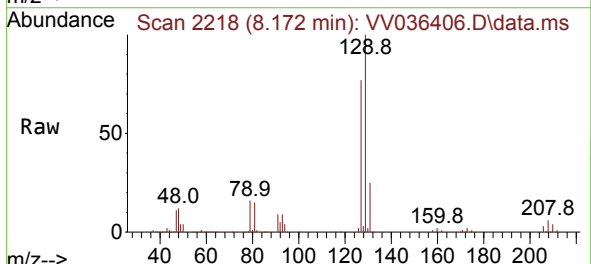


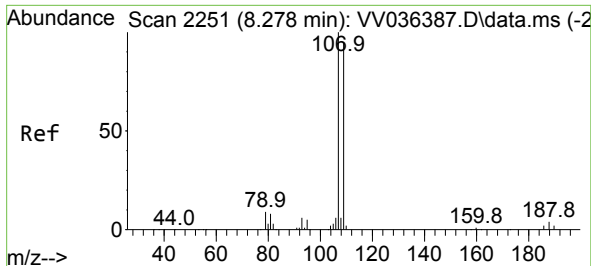
Tgt Ion: 43	Resp: 93772
Ion Ratio	Lower Upper
43 100	
58 50.5	48.5 72.7
57 18.4	15.8 23.6
100 12.0	10.9 16.3



#49
Dibromochloromethane
Concen: 19.604 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:129	Resp: 159108
Ion Ratio	Lower Upper
129 100	
127 77.3	54.9 101.9

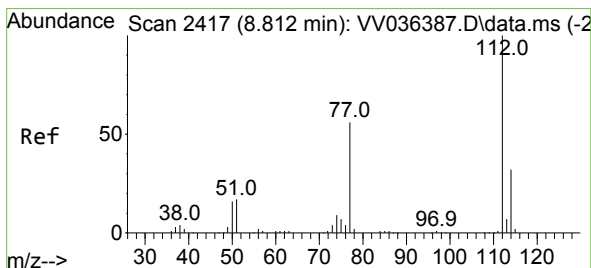
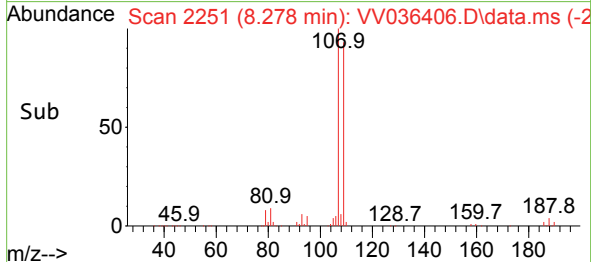
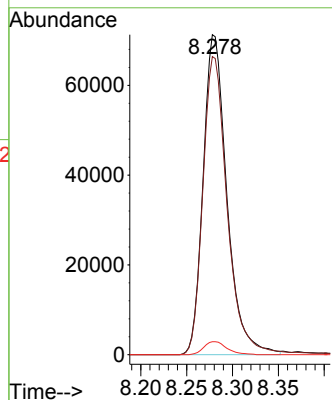
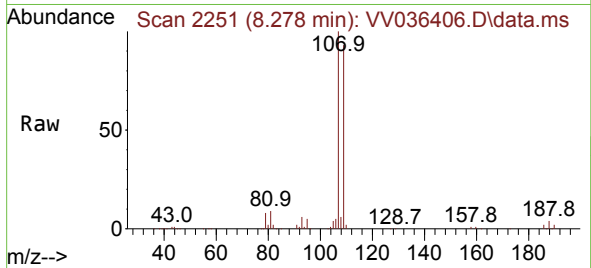




#50
1,2-Dibromoethane
Concen: 17.969 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

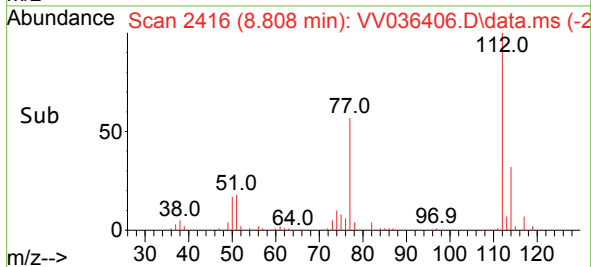
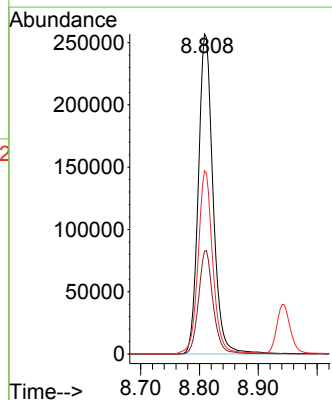
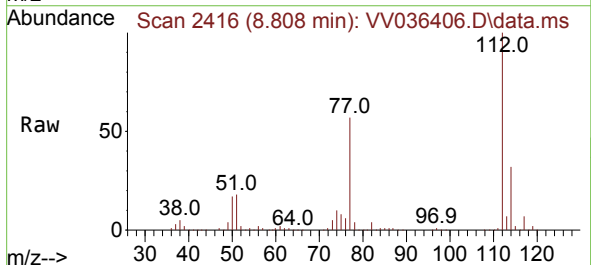
Instrument :
MSVOA_V
ClientSampleId :

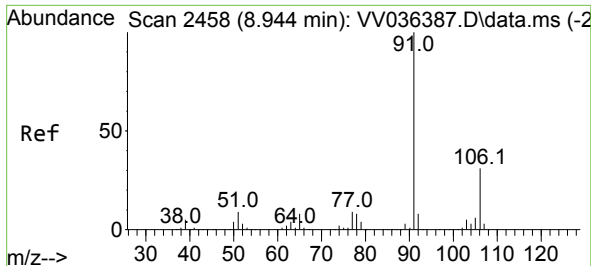
Tgt Ion:107 Resp: 128881
Ion Ratio Lower Upper
107 100
109 93.2 64.7 120.1
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 19.325 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:112 Resp: 445502
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 57.3 46.2 69.2

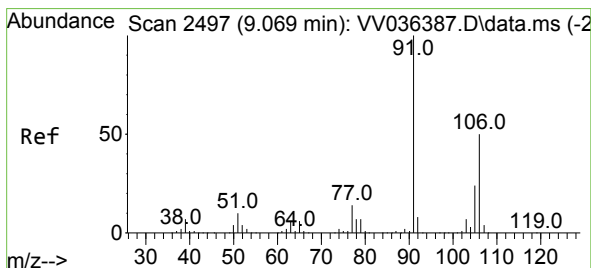
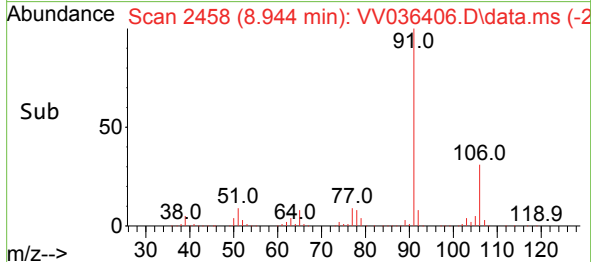
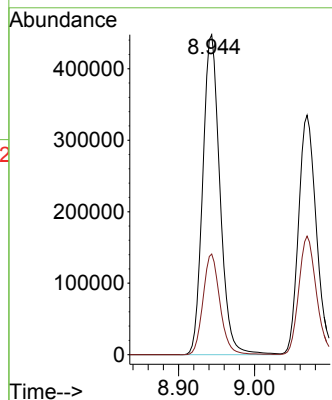
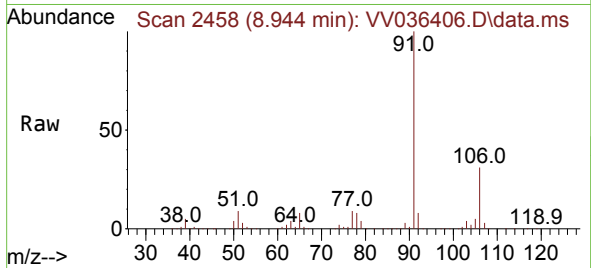




#52
Ethylbenzene
Concen: 19.299 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

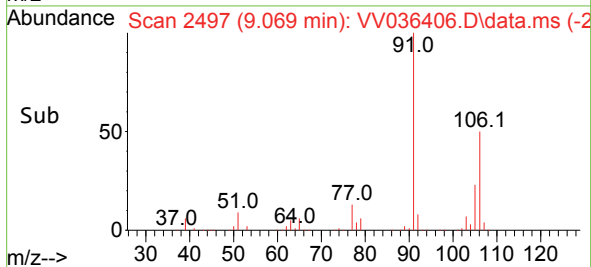
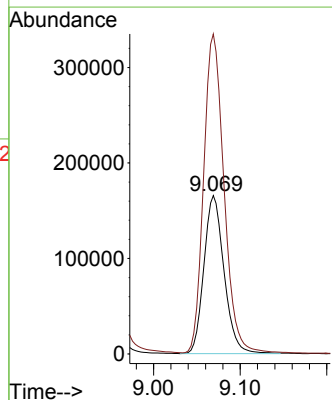
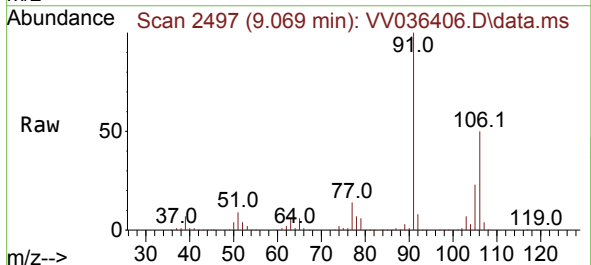
Instrument :
MSVOA_V
ClientSampleId :

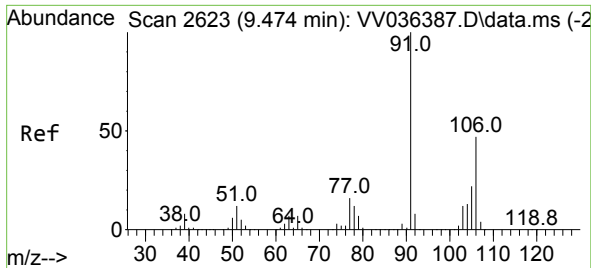
Tgt Ion: 91 Resp: 702372
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 19.706 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion: 106 Resp: 267294
Ion Ratio Lower Upper
106 100
91 202.0 142.2 264.0

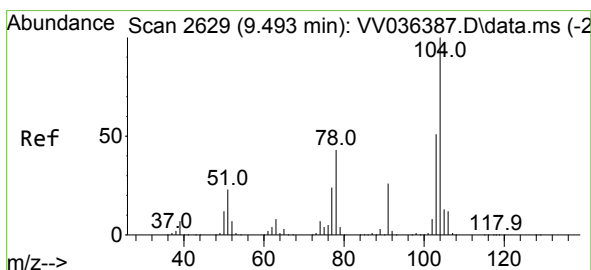
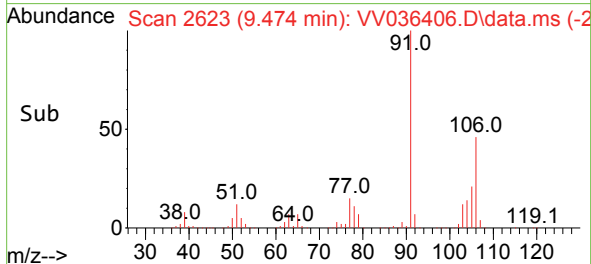
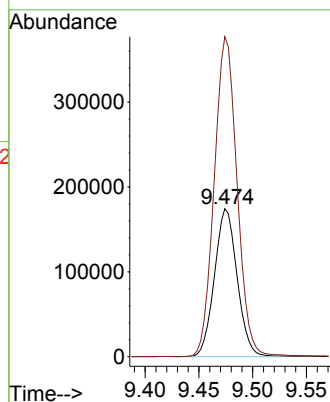
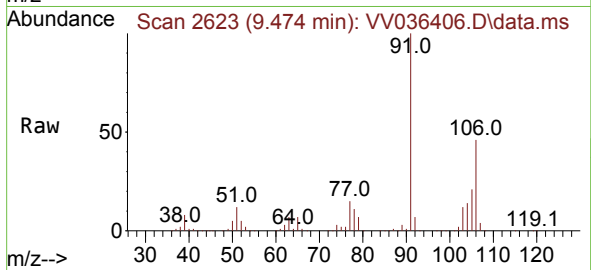




#54
o-Xylene
Concen: 20.056 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

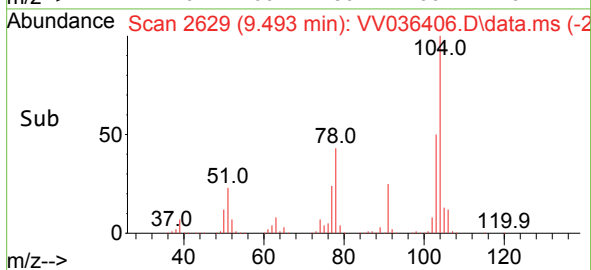
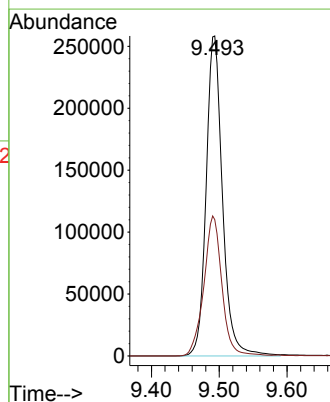
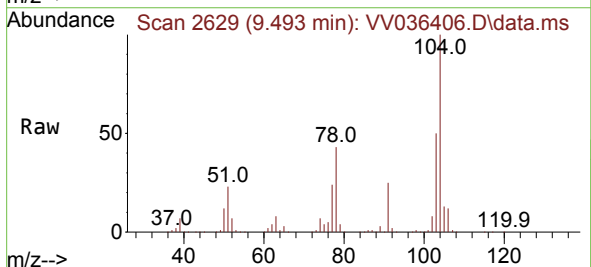
Instrument :
MSVOA_V
ClientSampleId :

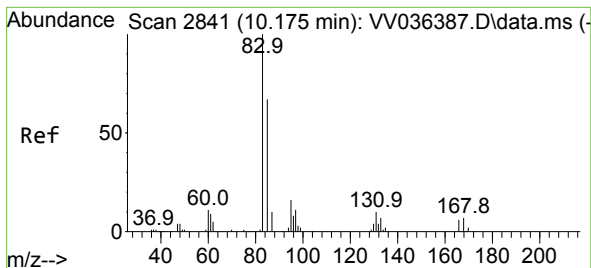
Tgt Ion:106 Resp: 255818
Ion Ratio Lower Upper
106 100
91 216.2 152.7 283.7



#55
Styrene
Concen: 19.393 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:104 Resp: 433525
Ion Ratio Lower Upper
104 100
78 42.6 30.2 56.2

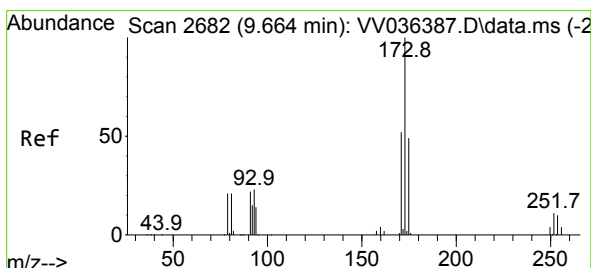
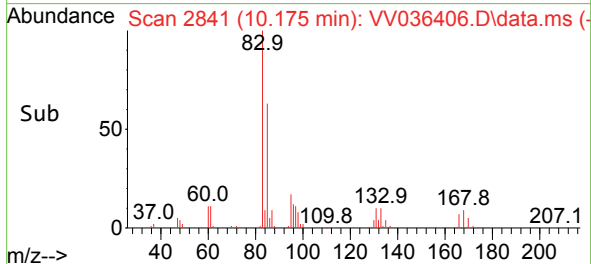
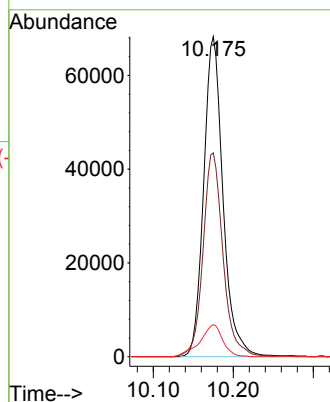
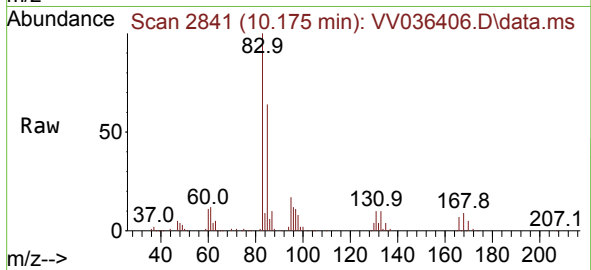




#57
1,1,2,2-Tetrachloroethane
Concen: 17.634 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

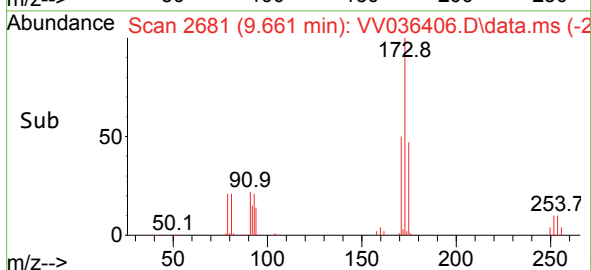
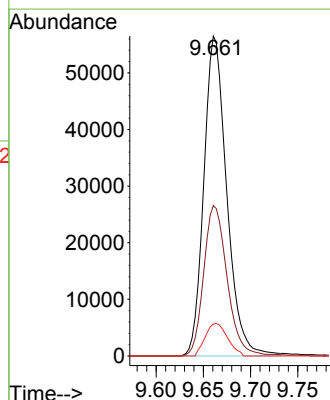
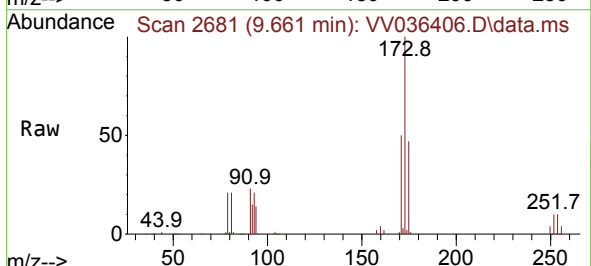
Instrument :
MSVOA_V
ClientSampleId :

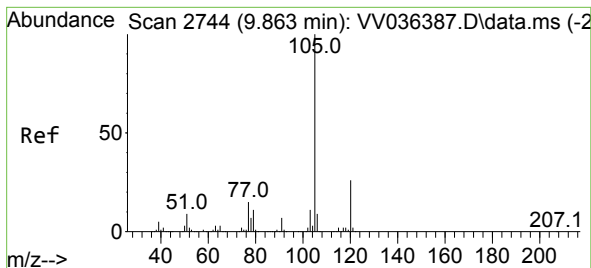
Tgt Ion: 83 Resp: 114905
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9
131 10.0 7.8 11.6



#59
Bromoform
Concen: 19.316 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion: 173 Resp: 95287
Ion Ratio Lower Upper
173 100
175 47.8 38.9 58.3
254 9.9 7.2 10.8





#60

Isopropylbenzene

Concen: 20.859 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

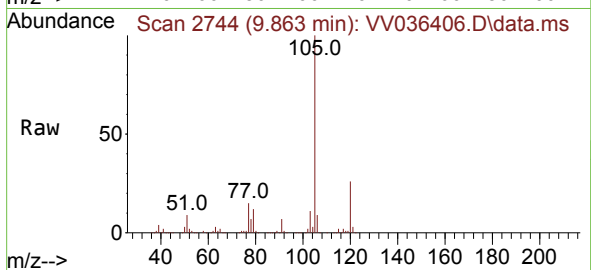
Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

ClientSampleId :



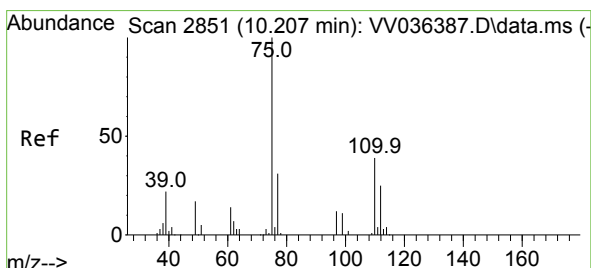
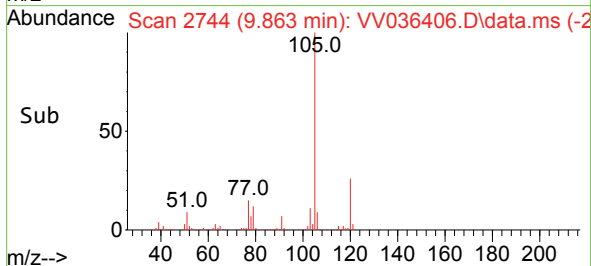
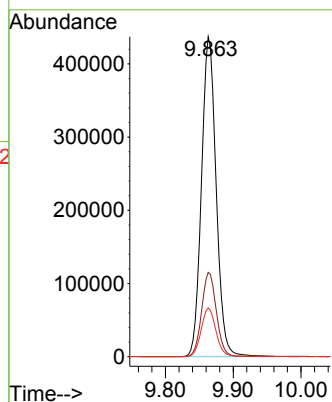
Tgt Ion:105 Resp: 657081

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.3 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 18.375 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

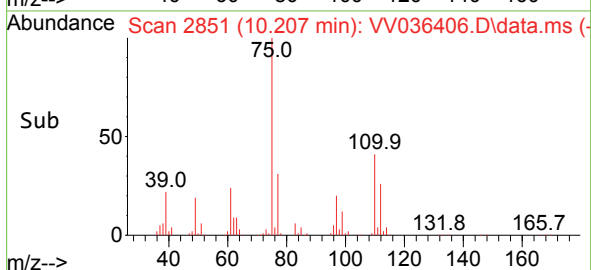
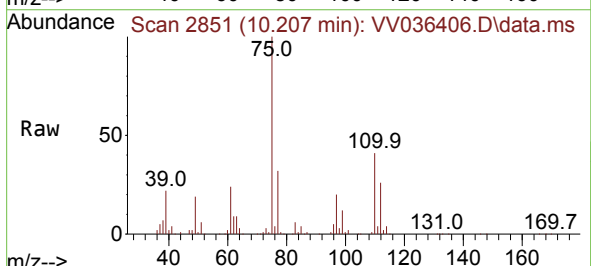
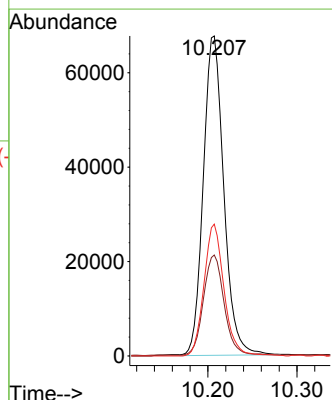
Tgt Ion: 75 Resp: 108063

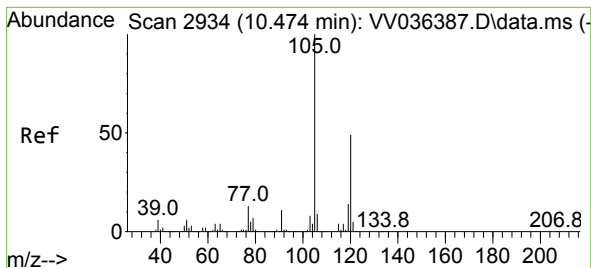
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

110 40.2 31.7 47.5

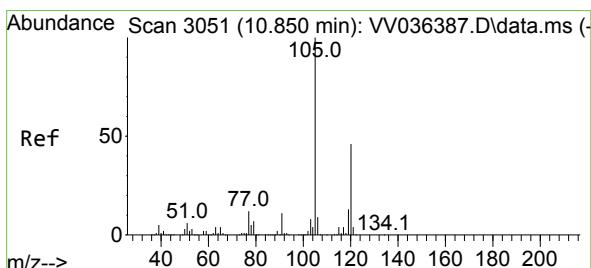
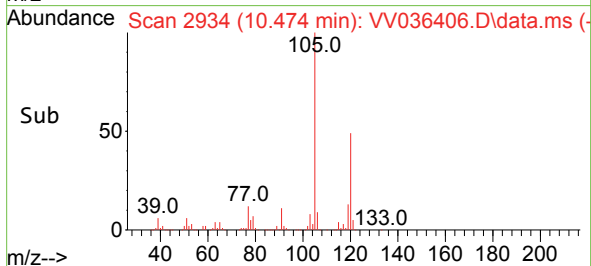
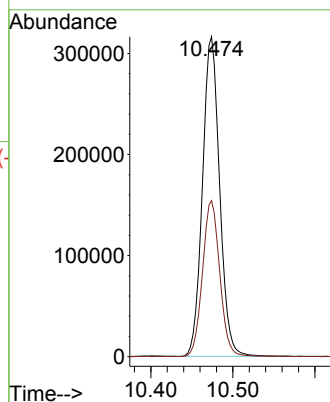
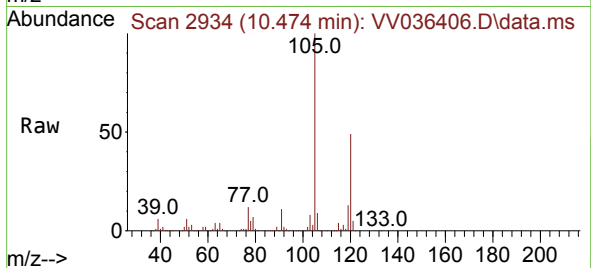




#62
1,3,5-Trimethylbenzene
Concen: 20.354 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

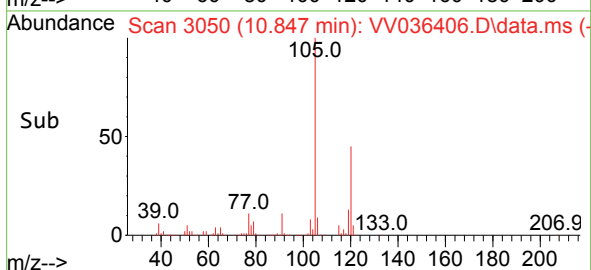
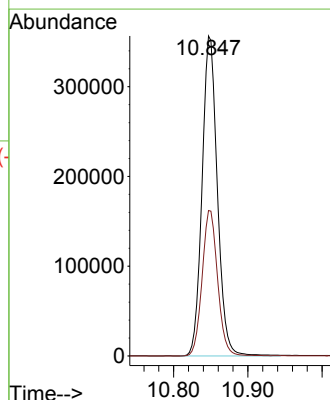
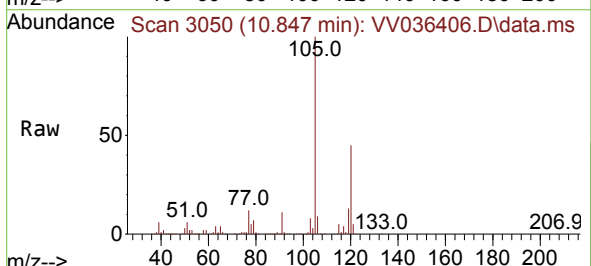
Instrument :
MSVOA_V
ClientSampleId :

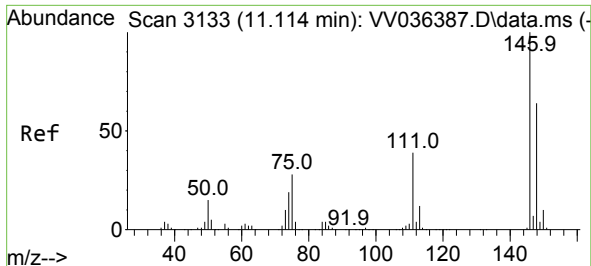
Tgt Ion:105 Resp: 458866
Ion Ratio Lower Upper
105 100
120 49.1 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 20.850 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:105 Resp: 510794
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.4

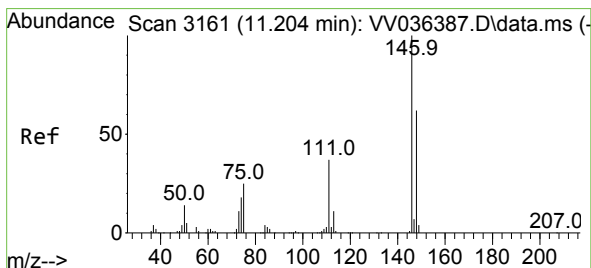
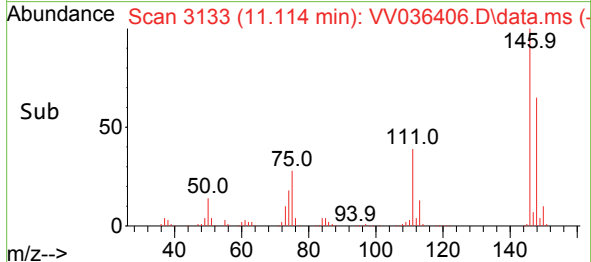
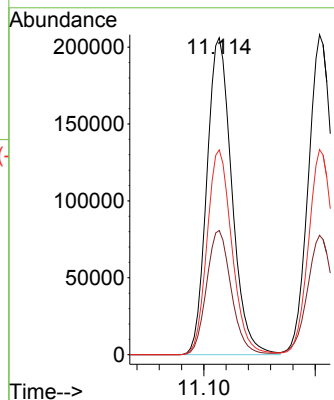
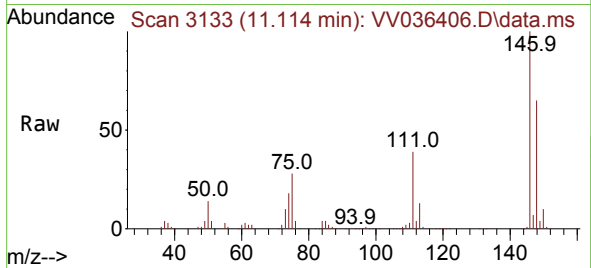




#64
1,3-Dichlorobenzene
Concen: 19.541 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

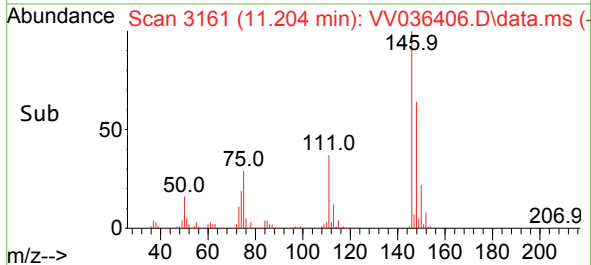
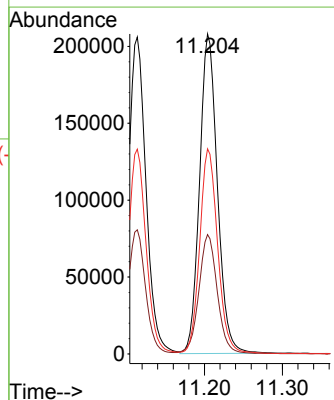
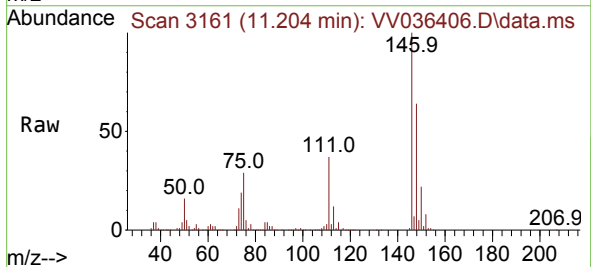
Instrument :
MSVOA_V
ClientSampleId :

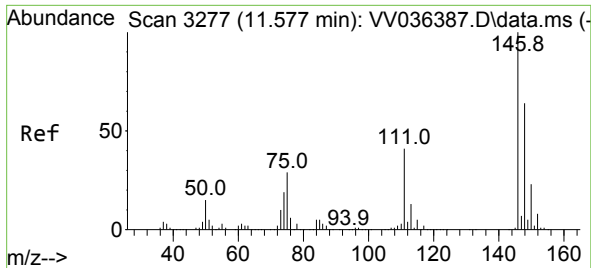
Tgt Ion:146 Resp: 320759
Ion Ratio Lower Upper
146 100
111 39.2 27.5 51.1
148 64.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 18.785 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:146 Resp: 330524
Ion Ratio Lower Upper
146 100
111 37.3 27.5 51.1
148 64.1 44.0 81.8

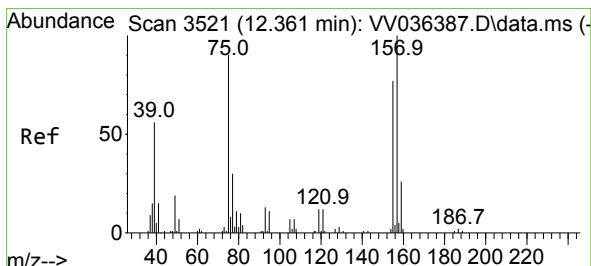
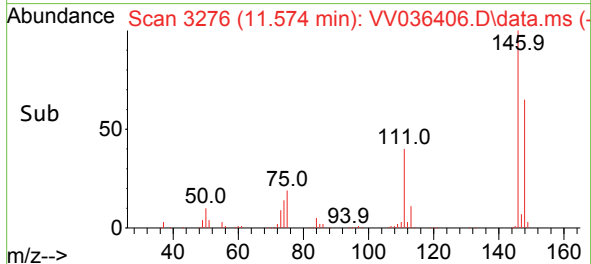
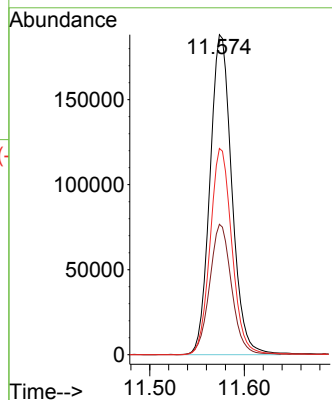
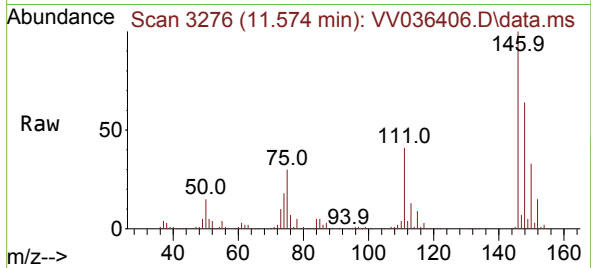




#67
1,2-Dichlorobenzene
Concen: 19.325 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

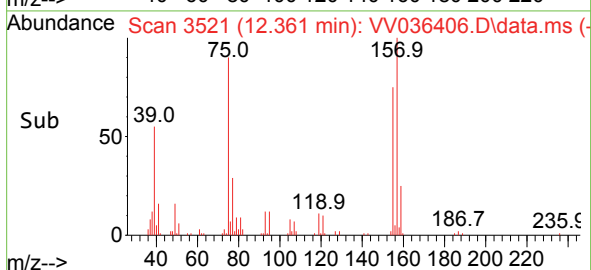
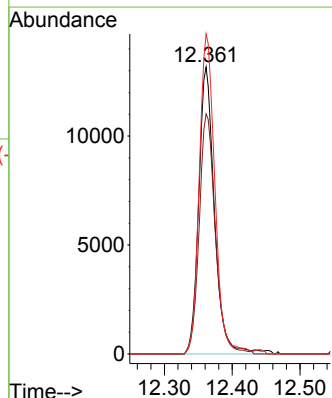
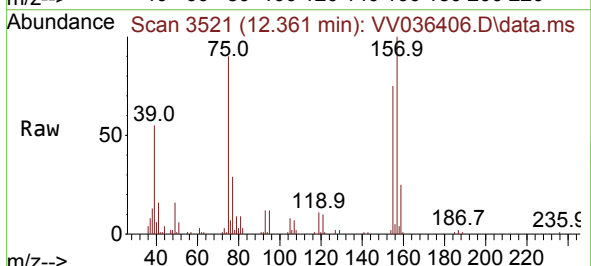
Instrument :
MSVOA_V
ClientSampleId :

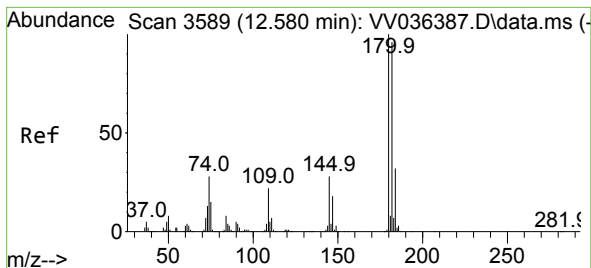
Tgt Ion:146 Resp: 302833
Ion Ratio Lower Upper
146 100
111 40.8 33.3 49.9
148 64.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 16.144 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion: 75 Resp: 21301
Ion Ratio Lower Upper
75 100
155 83.6 68.3 102.5
157 111.5 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 14.773 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

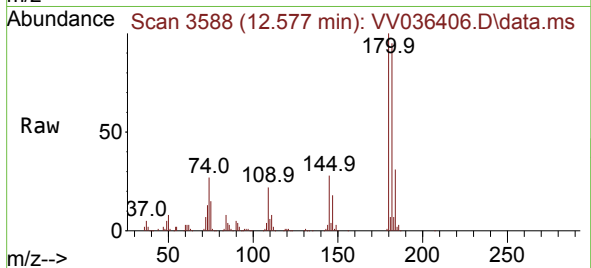
Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 182595

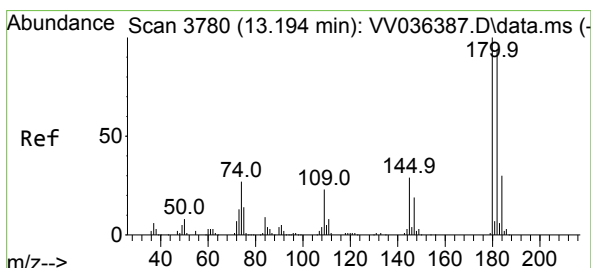
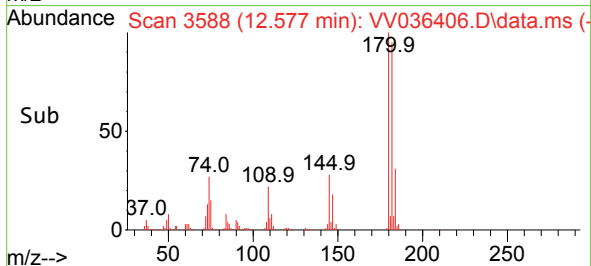
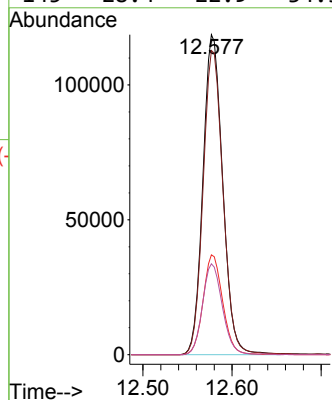
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

184 30.8 23.3 34.9

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 13.122 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036406.D

Acq: 02 Jul 2024 04:05

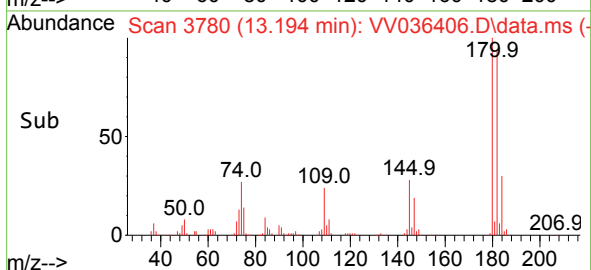
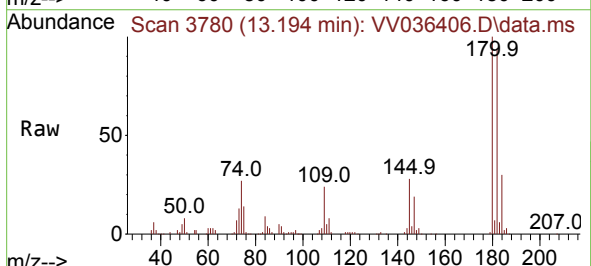
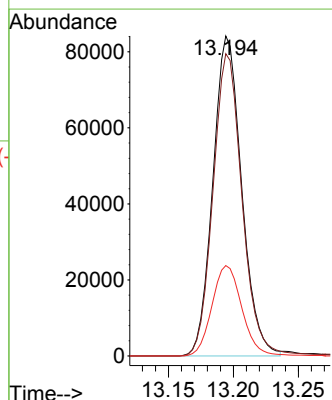
Tgt Ion:180 Resp: 129341

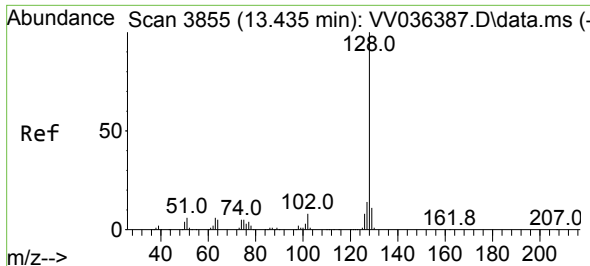
Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 29.4 23.8 35.8

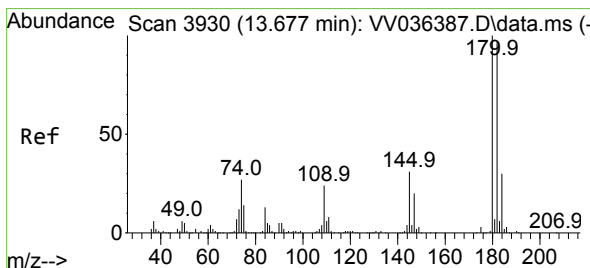
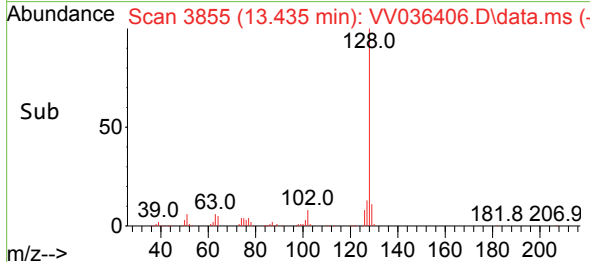
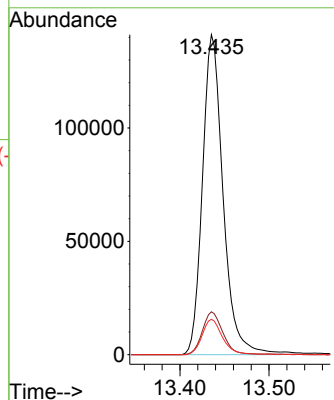
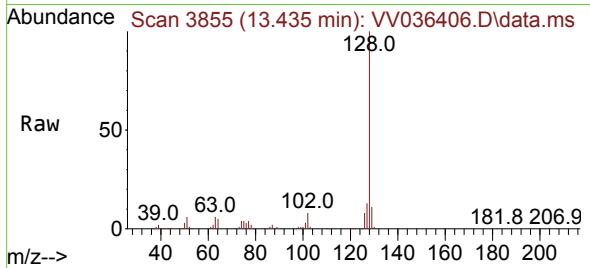




#71
Naphthalene
Concen: 12.917 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	227005
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 13.361 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV036406.D
Acq: 02 Jul 2024 04:05

Tgt Ion:	180	Resp:	123837
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.7	115.1
145	31.1	25.0	37.4

