

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036407.D
 Acq On : 02 Jul 2024 04:28
 Operator : SY/MD
 Sample : P3087-03MSD
 Misc : 4.50g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:30:01 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	549071	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	506731	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	221691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	121347	13.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.040%
7) Chloroethane-d5	1.526	69	120018	16.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
11) 1,1-Dichloroethene-d2	2.050	65	58778	13.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.640%
21) 2-Butanone-d5	3.857	46	6801	3.142	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.280%#
24) Chloroform-d	4.239	84	317854	19.612	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.440%
26) 1,2-Dichloroethane-d4	4.937	65	161429	18.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.720%
32) Benzene-d6	4.953	84	585476	20.468	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	5.982	67	186056	21.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.480%
41) Toluene-d8	7.239	98	516675	20.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.120%
43) trans-1,3-Dichloroprop...	7.551	79	58704	15.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.120%
47) 2-Hexanone-d5	8.037	63	18866	13.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132691	18.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	153531	19.004	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	148670	14.251	ug/L	100
3) Chloromethane	1.211	50	153598	16.266	ug/L	99
5) Vinyl chloride	1.275	62	175003	16.049	ug/L	99
6) Bromomethane	1.481	94	90573	12.350	ug/L	100
8) Chloroethane	1.542	64	116326	17.309	ug/L	99
9) Trichlorofluoromethane	1.706	101	229896	14.762	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	143193	14.659	ug/L	97
12) 1,1-Dichloroethene	2.060	96	142362	16.461	ug/L	91
13) Acetone	2.387	43	26388	9.025	ug/L	100
14) Carbon disulfide	2.233	76	357489	13.101	ug/L	100
15) Methyl Acetate	2.387	43	27956	7.430	ug/L	98
16) Methylene chloride	2.439	84	221930	20.531	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	153679	17.897	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	359687	17.994	ug/L	99
19) 1,1-Dichloroethane	3.104	63	287297	18.817	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	162011	18.758	ug/L	98
22) 2-Butanone	3.921	43	21107	8.561	ug/L	75
23) Bromochloromethane	4.140	128	82969	18.423	ug/L	97
25) Chloroform	4.268	83	313404	19.245	ug/L	99

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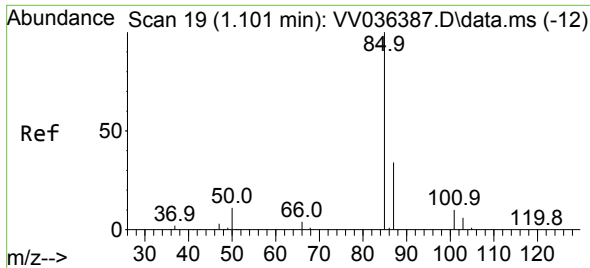
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	186109	17.650	ug/L	98
29) Cyclohexane	4.574	56	168579	15.616	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	243023	19.342	ug/L	99
31) Carbon tetrachloride	4.725	117	204691	18.284	ug/L	98
33) Benzene	5.002	78	613168	20.430	ug/L	100
34) Trichloroethene	5.828	95	173738	18.344	ug/L	97
35) Methylcyclohexane	6.043	83	196173	14.863	ug/L	99
37) 1,2-Dichloropropane	6.088	63	156135	20.369	ug/L	98
38) Bromodichloromethane	6.429	83	215467	20.552	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	173183	14.693	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	121583	28.125	ug/L	98
42) Toluene	7.310	91	630321	20.085	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	158106	14.914	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	128239	18.928	ug/L	97
46) Tetrachloroethene	7.902	164	120164	17.458	ug/L	98
48) 2-Hexanone	8.079	43	73391	21.583	ug/L #	89
49) Dibromochloromethane	8.172	129	145530	19.269	ug/L	99
50) 1,2-Dibromoethane	8.278	107	115801	17.350	ug/L	99
51) Chlorobenzene	8.808	112	392312	18.288	ug/L	98
52) Ethylbenzene	8.943	91	622935	18.394	ug/L	100
53) m,p-Xylene	9.069	106	238468	18.893	ug/L	98
54) o-Xylene	9.474	106	229037	19.296	ug/L	97
55) Styrene	9.493	104	337816	16.239	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	105426	17.386	ug/L	99
59) Bromoform	9.664	173	84116	20.044	ug/L	99
60) Isopropylbenzene	9.863	105	581109	21.685	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	100036	19.995	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	395405	20.617	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	424609	20.374	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	262030	18.765	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	270055	18.042	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	248851	18.667	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	19197	17.103	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	150116	14.277	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	104684	12.485	ug/L	98
71) Naphthalene	13.435	128	183958	12.305	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	94957	12.043	ug/L	99

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

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QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration

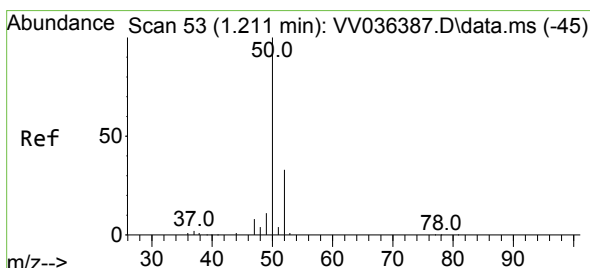
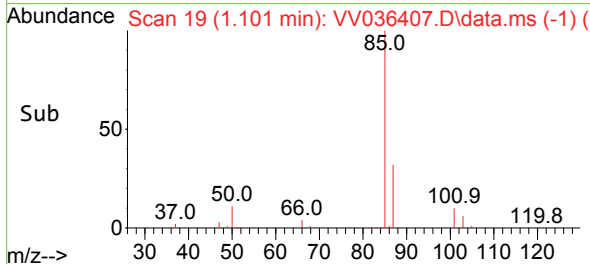
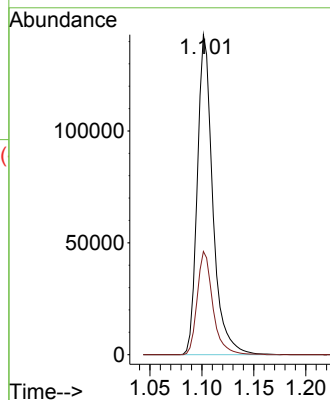
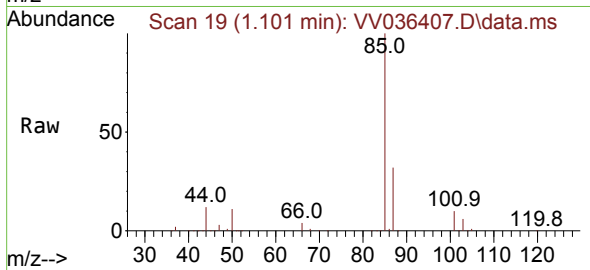




#2
 Dichlorodifluoromethane
 Concen: 14.251 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

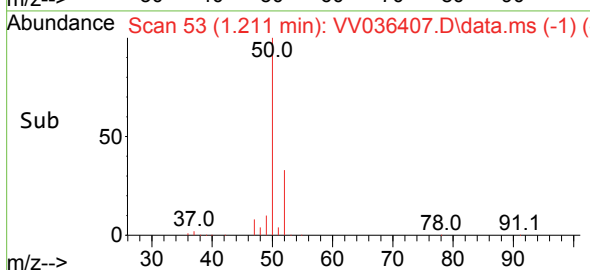
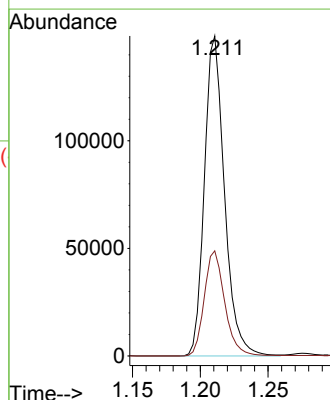
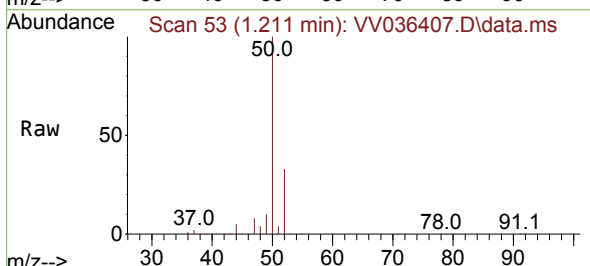
Instrument :
 MSVOA_V
 ClientSampleId :

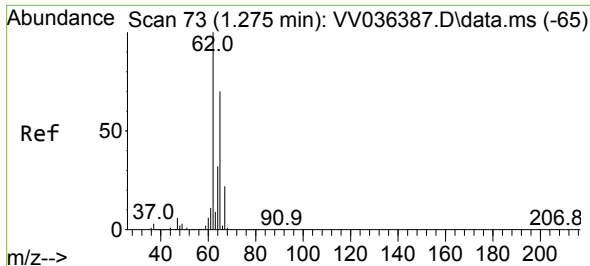
Tgt Ion: 85 Resp: 148670
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 16.266 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

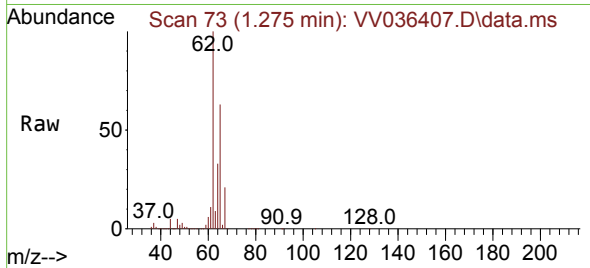
Tgt Ion: 50 Resp: 153598
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.5 43.7



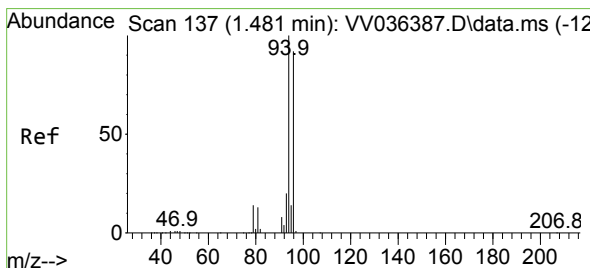
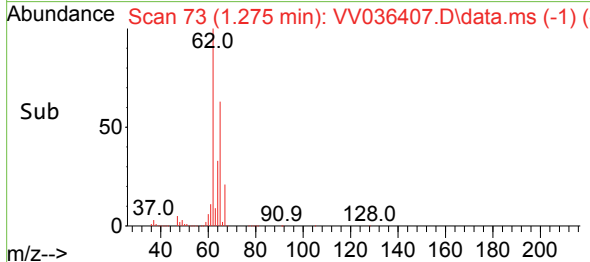
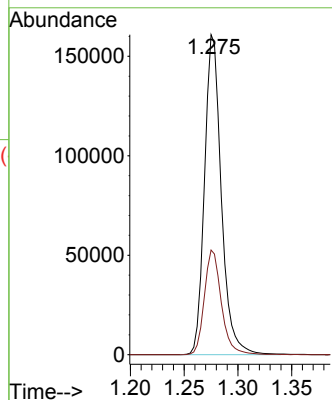


#5
 Vinyl chloride
 Concen: 16.049 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

Instrument :
 MSVOA_V
 ClientSampleId :

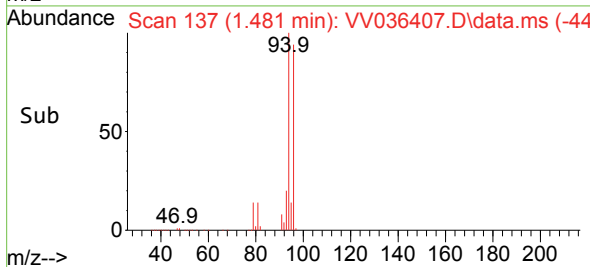
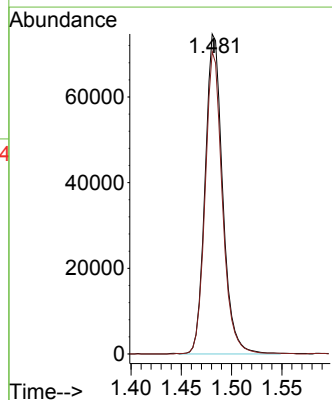
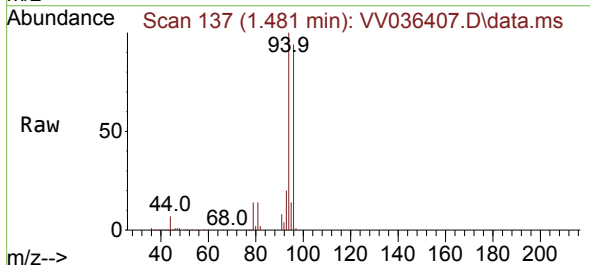


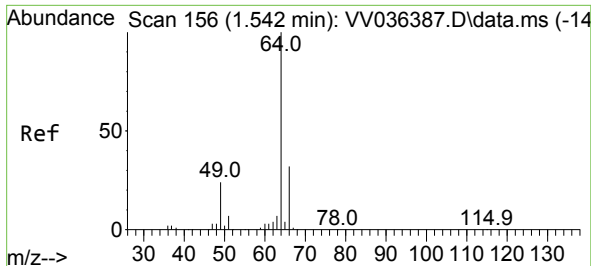
Tgt Ion: 62 Resp: 175003
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 12.350 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

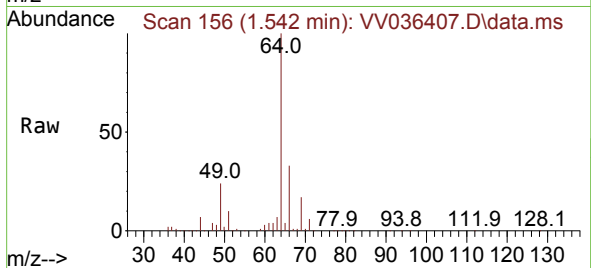
Tgt Ion: 94 Resp: 90573
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.7



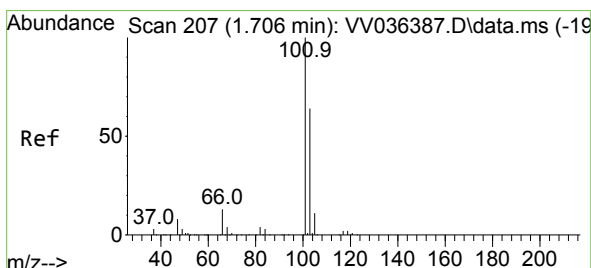
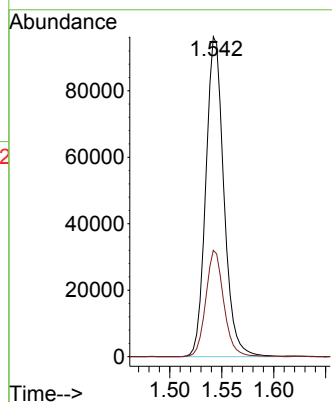
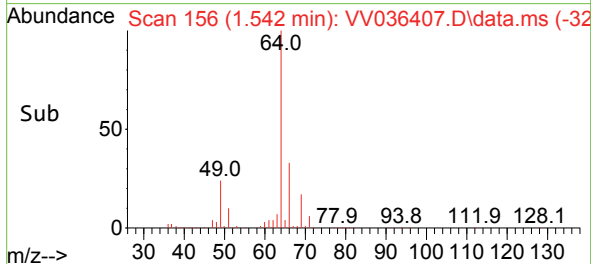


#8
Chloroethane
Concen: 17.309 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Instrument :
MSVOA_V
ClientSampleId :

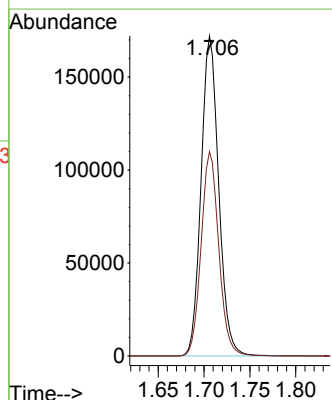
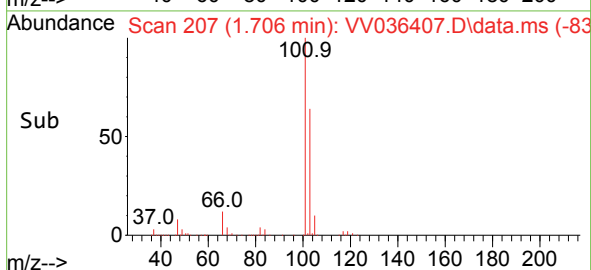
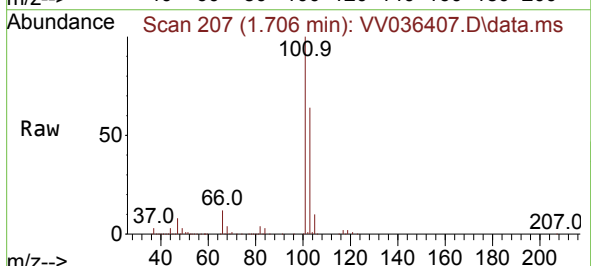


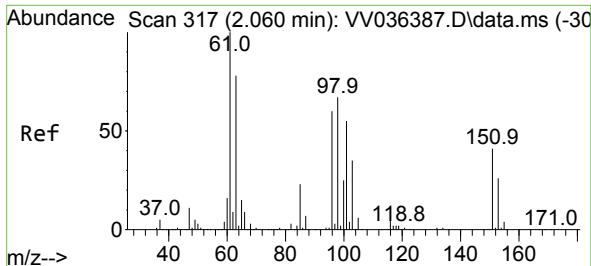
Tgt Ion: 64 Resp: 116326
Ion Ratio Lower Upper
64 100
66 33.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 14.762 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion:101 Resp: 229896
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5

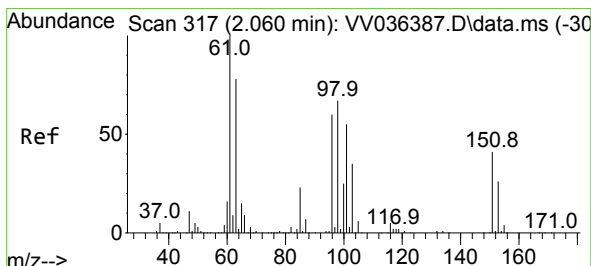
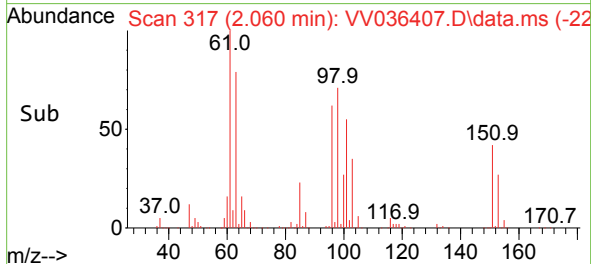
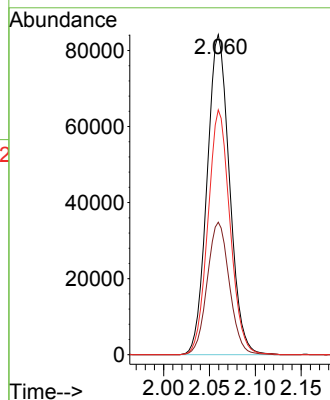
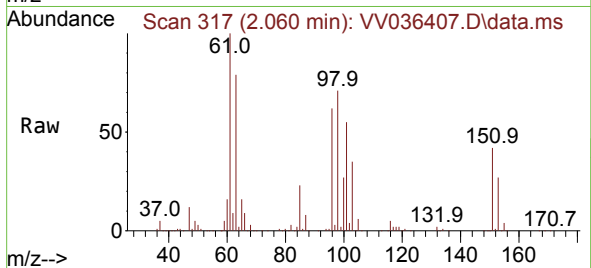




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.659 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

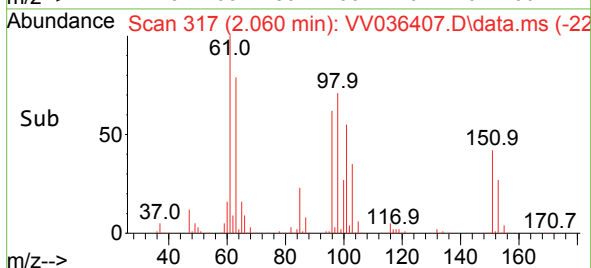
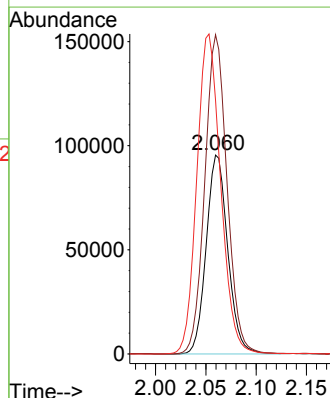
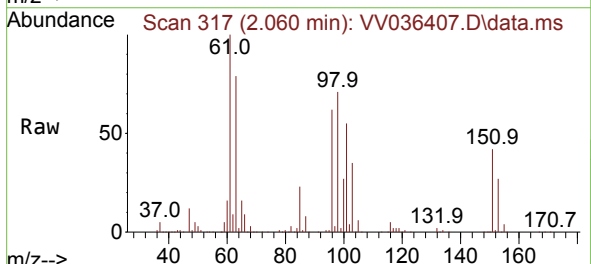
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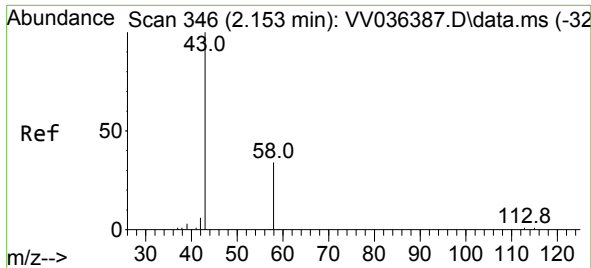
Tgt Ion:101 Resp: 143193
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.6 51.8
 151 75.4 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 16.461 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

Tgt Ion: 96 Resp: 142362
 Ion Ratio Lower Upper
 96 100
 61 160.5 122.6 227.8
 63 127.5 96.1 178.5





#13

Acetone

Concen: 9.025 ug/L

RT: 2.387 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

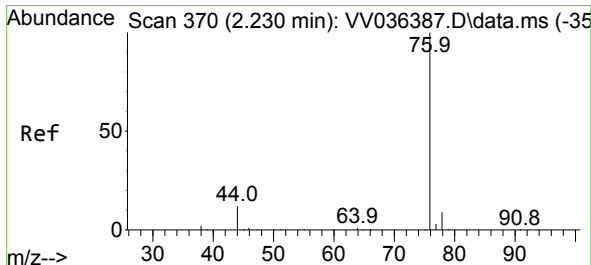
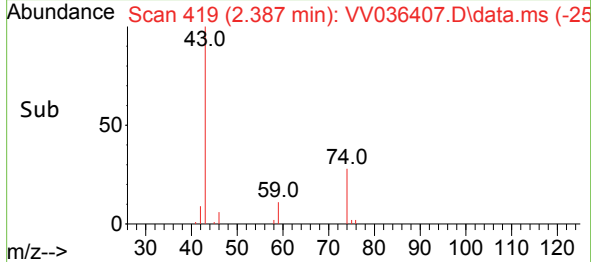
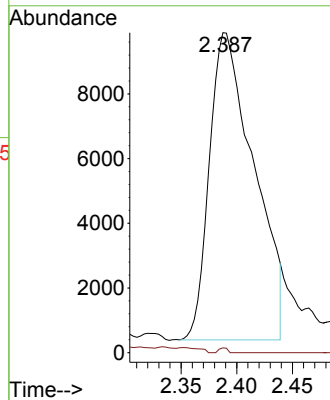
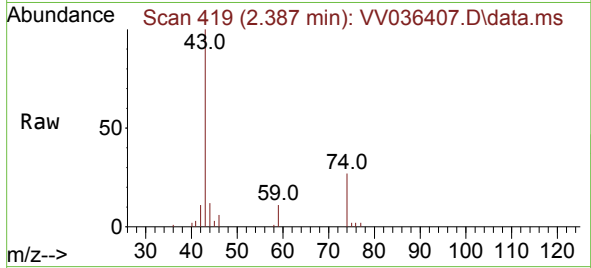
ClientSampleId :

Tgt Ion: 43 Resp: 26388

Ion Ratio Lower Upper

43 100

58 0.3 0.0 0.6



#14

Carbon disulfide

Concen: 13.101 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036407.D

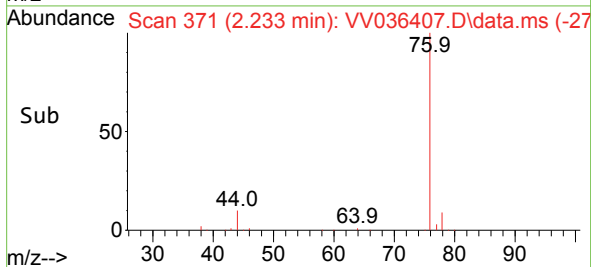
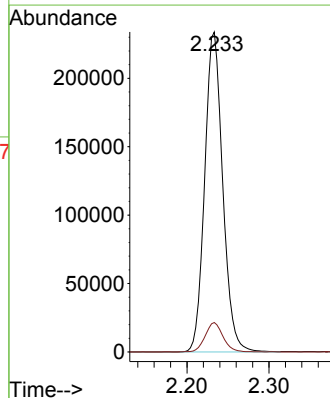
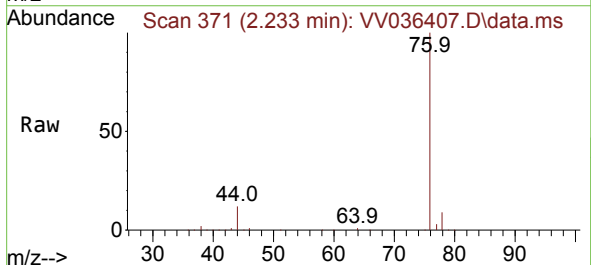
Acq: 02 Jul 2024 04:28

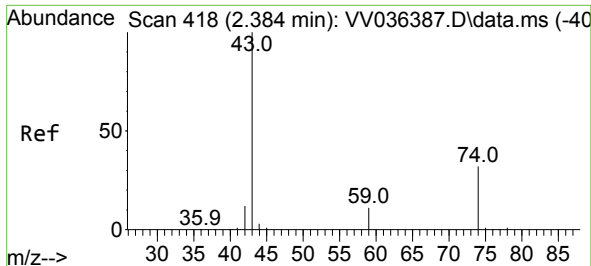
Tgt Ion: 76 Resp: 357489

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

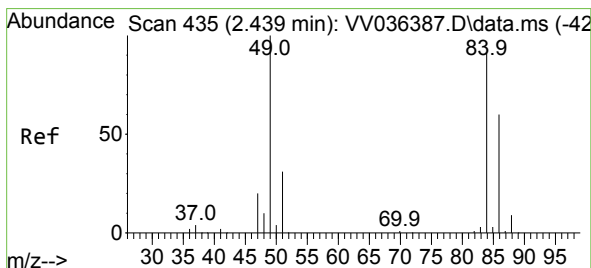
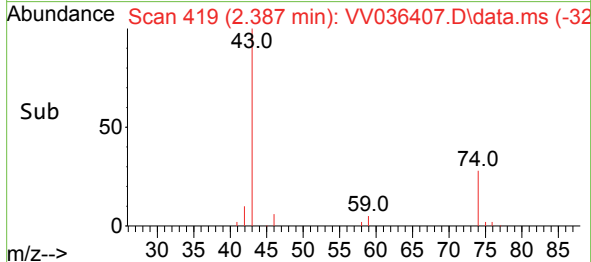
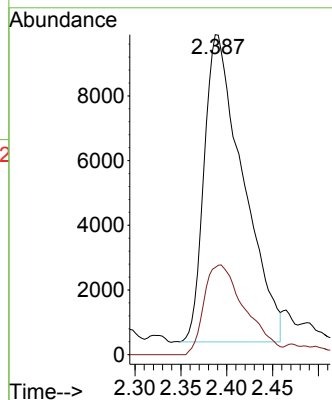
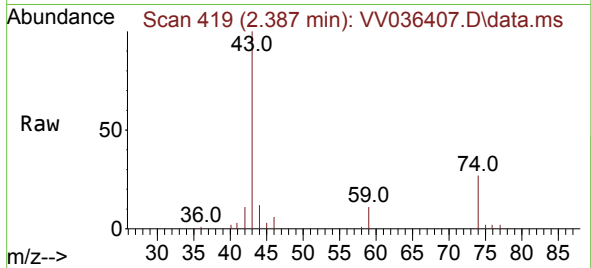




#15
Methyl Acetate
Concen: 7.430 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

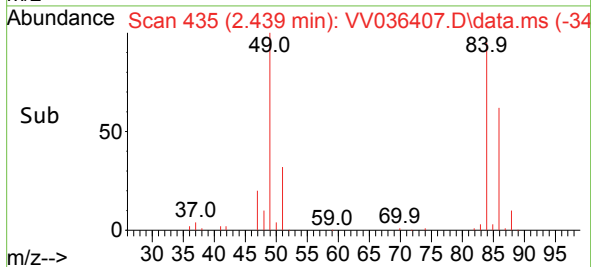
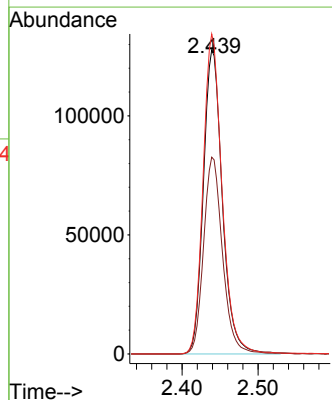
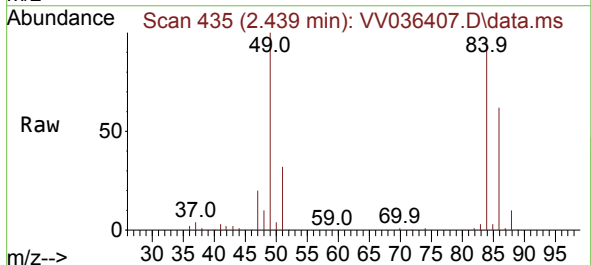
Instrument :
MSVOA_V
ClientSampleId :

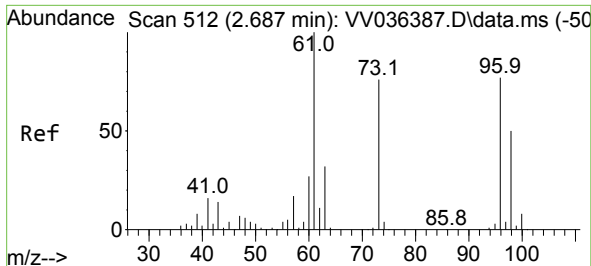
Tgt Ion: 43 Resp: 27956
Ion Ratio Lower Upper
43 100
74 31.0 23.8 35.6



#16
Methylene chloride
Concen: 20.531 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 84 Resp: 221930
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.8
49 105.3 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 17.897 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

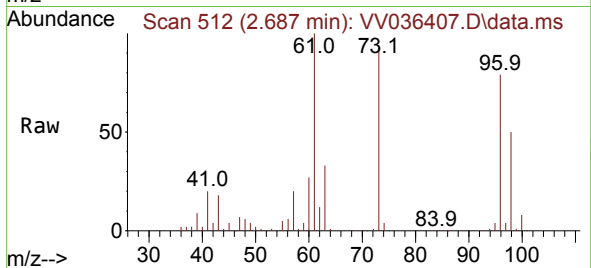
Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :



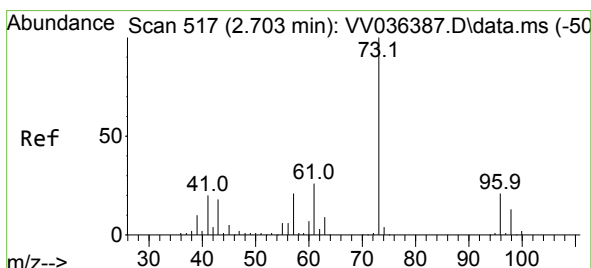
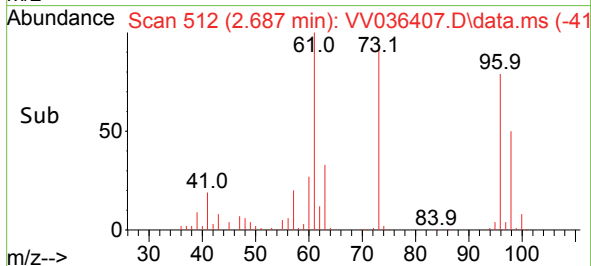
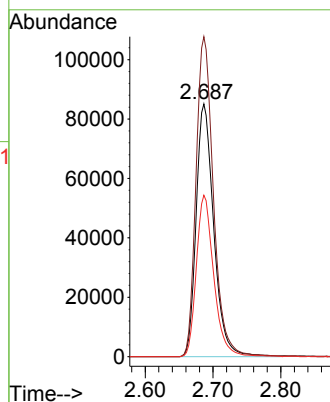
Tgt Ion: 96 Resp: 153679

Ion Ratio Lower Upper

96 100

61 126.6 89.8 166.8

98 63.9 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 17.994 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

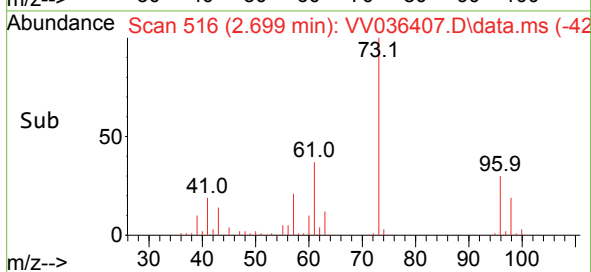
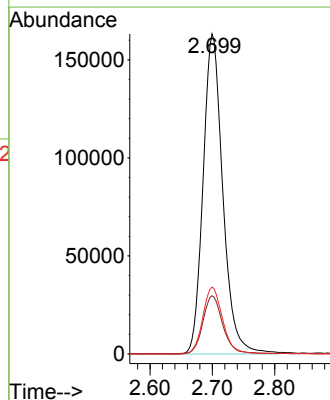
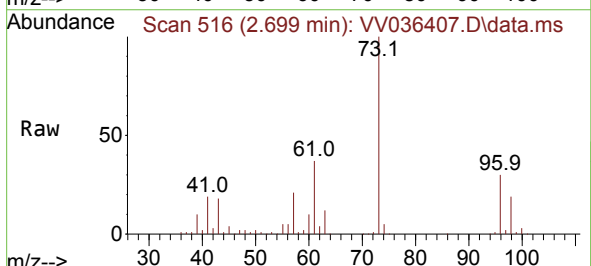
Tgt Ion: 73 Resp: 359687

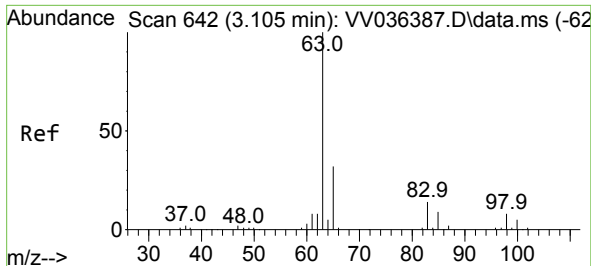
Ion Ratio Lower Upper

73 100

43 18.1 14.7 22.1

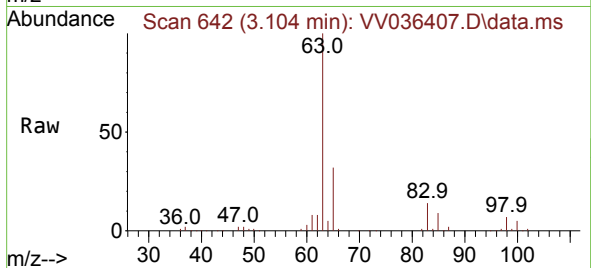
57 21.0 17.0 25.6



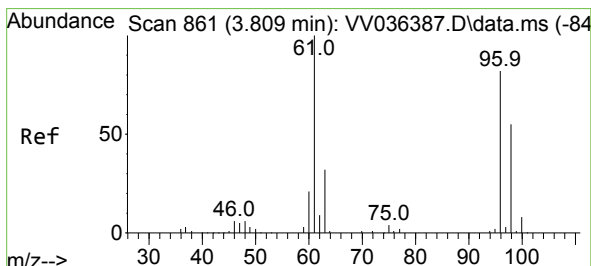
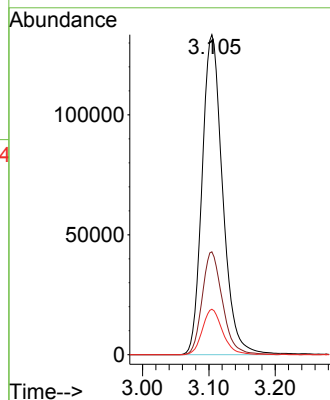
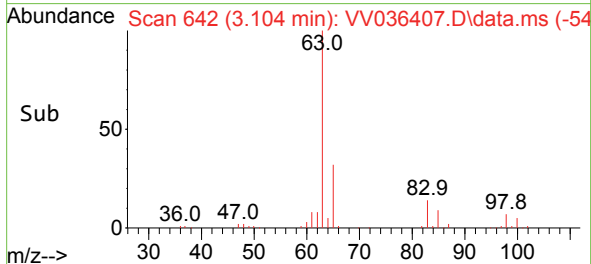


#19
1,1-Dichloroethane
Concen: 18.817 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Instrument :
MSVOA_V
ClientSampleId :

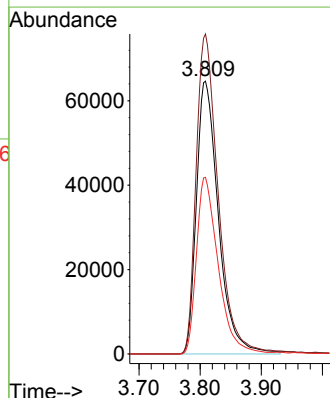
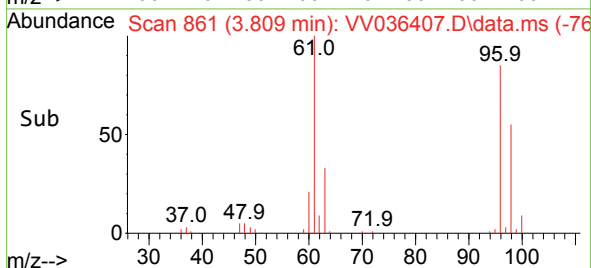
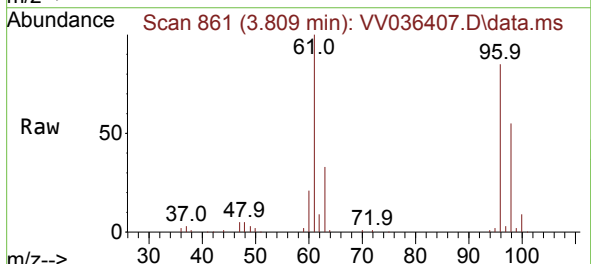


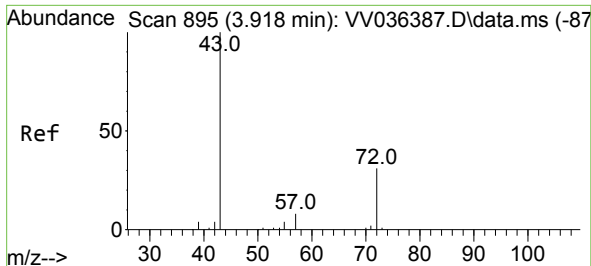
Tgt Ion: 63 Resp: 287297
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 14.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 18.758 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 96 Resp: 162011
Ion Ratio Lower Upper
96 100
61 117.3 83.7 155.5
98 64.7 44.2 82.0

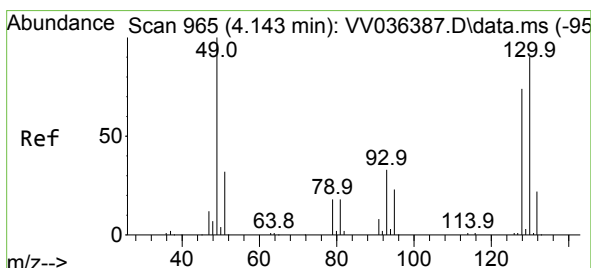
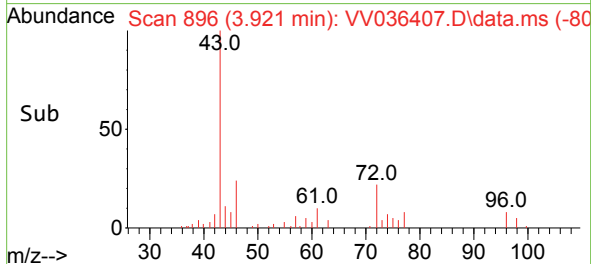
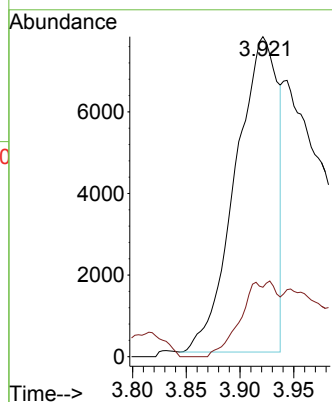
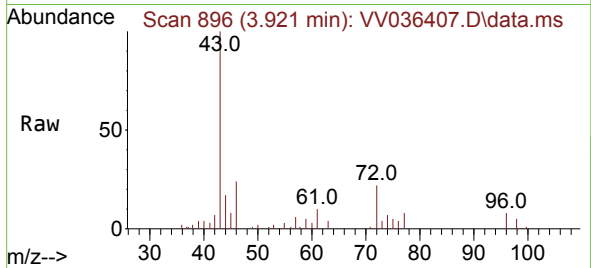




#22
2-Butanone
Concen: 8.561 ug/L
RT: 3.921 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

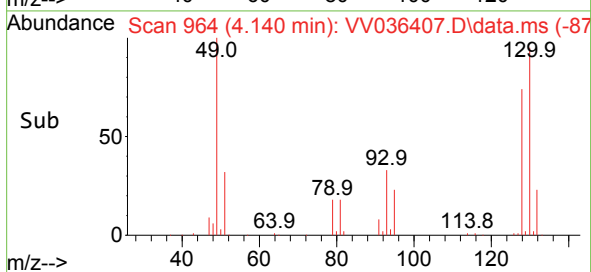
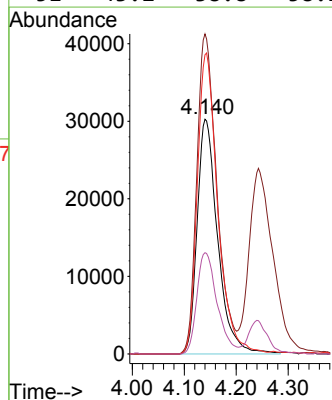
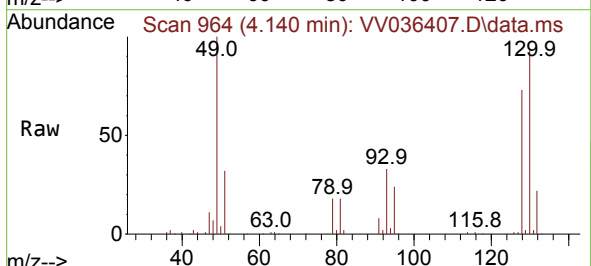
Instrument :
MSVOA_V
ClientSampleId :

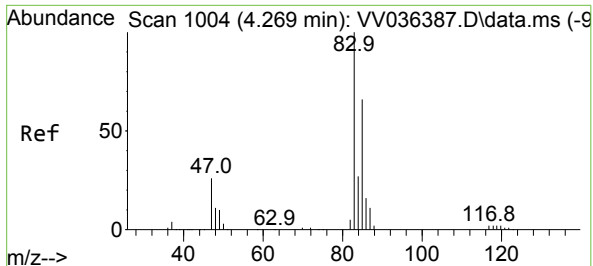
Tgt Ion: 43 Resp: 21107
Ion Ratio Lower Upper
43 100
72 13.2 12.9 38.7



#23
Bromochloromethane
Concen: 18.423 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 128 Resp: 82969
Ion Ratio Lower Upper
128 100
49 136.3 99.2 184.2
130 127.4 88.9 165.1
51 43.2 38.8 58.2





#25

Chloroform

Concen: 19.245 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

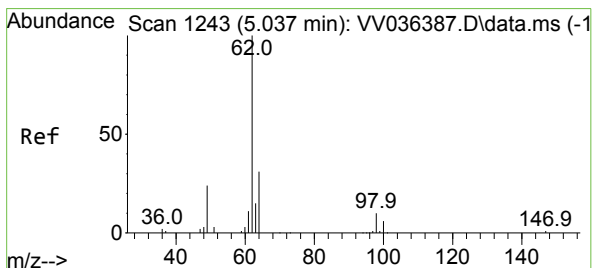
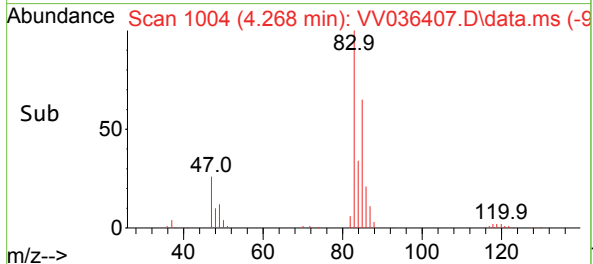
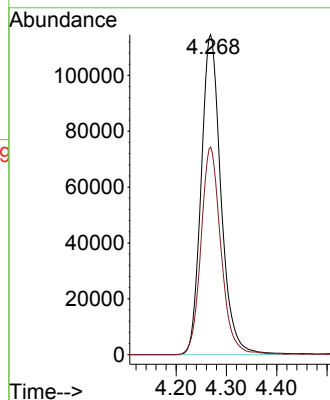
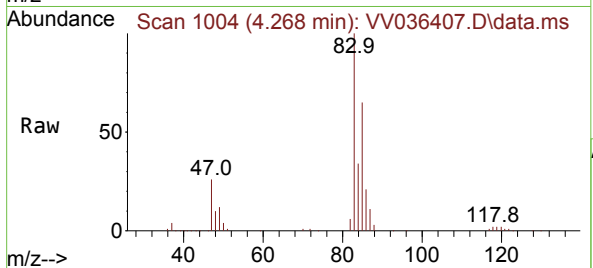
ClientSampleId :

Tgt Ion: 83 Resp: 313404

Ion Ratio Lower Upper

83 100

85 64.9 45.0 83.6



#27

1,2-Dichloroethane

Concen: 17.650 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV036407.D

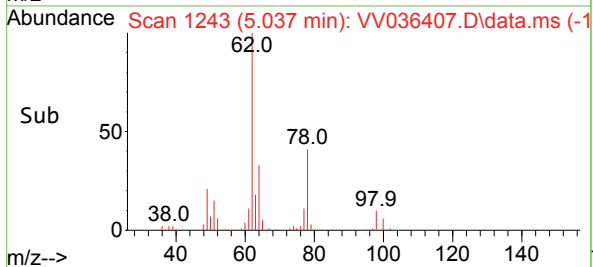
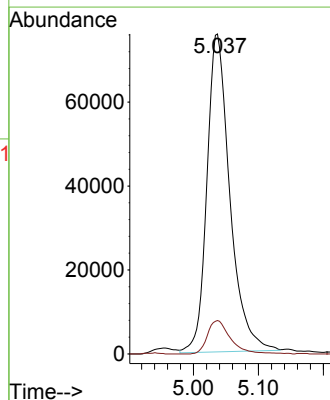
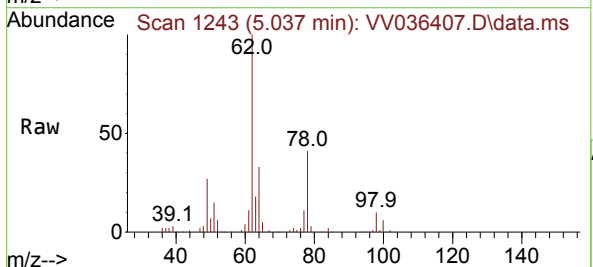
Acq: 02 Jul 2024 04:28

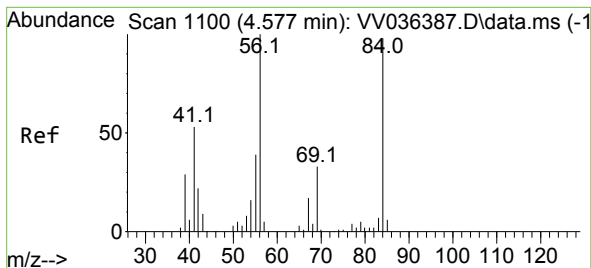
Tgt Ion: 62 Resp: 186109

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

Cyclohexane

Concen: 15.616 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

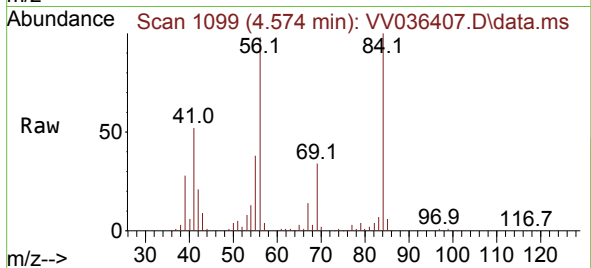
Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :



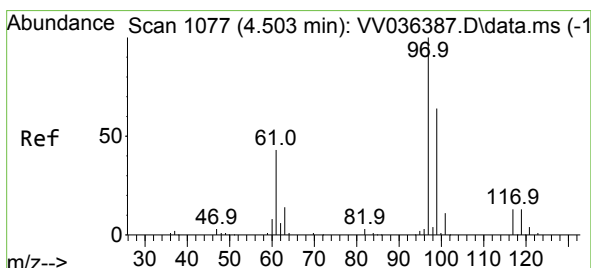
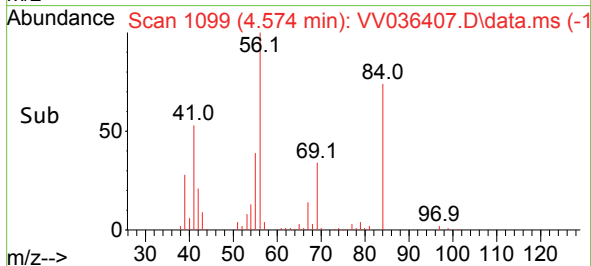
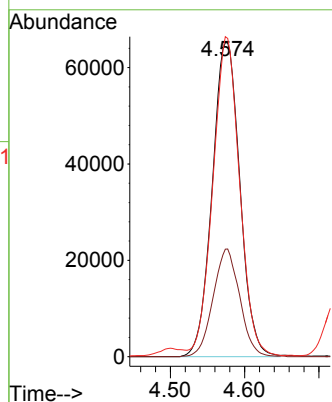
Tgt Ion: 56 Resp: 168579

Ion Ratio Lower Upper

56 100

69 33.0 26.0 39.0

84 97.7 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 19.342 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

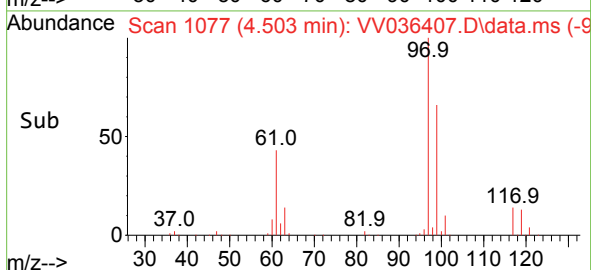
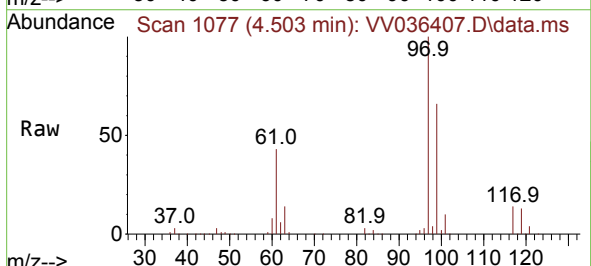
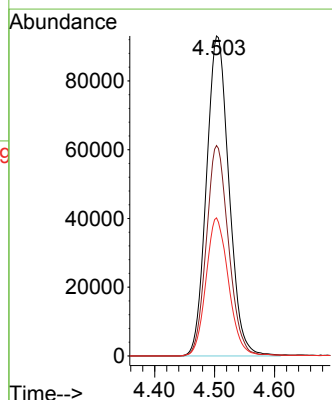
Tgt Ion: 97 Resp: 243023

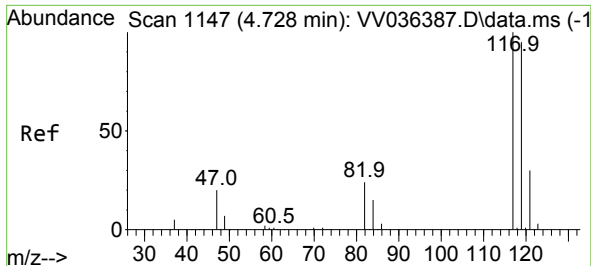
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 43.1 34.8 52.2

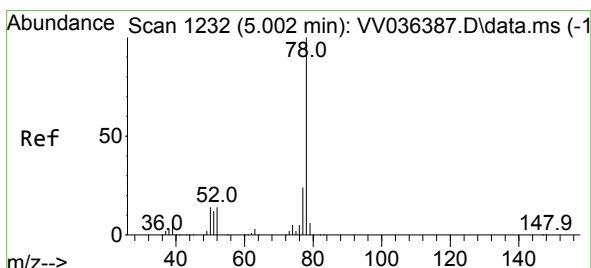
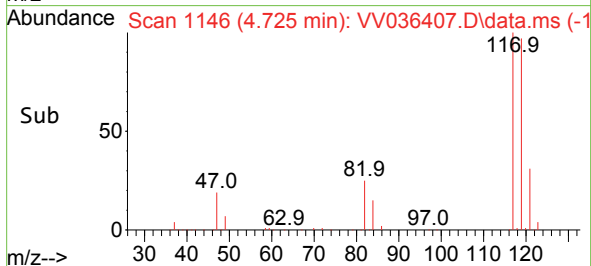
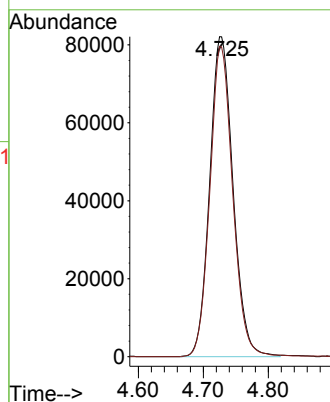
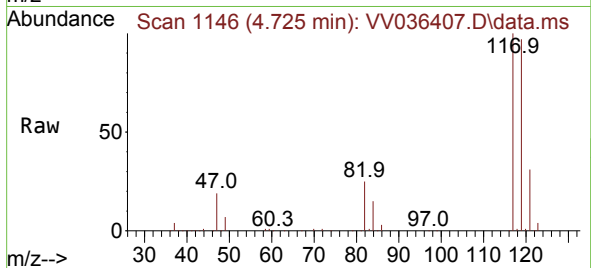




#31
Carbon tetrachloride
Concen: 18.284 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

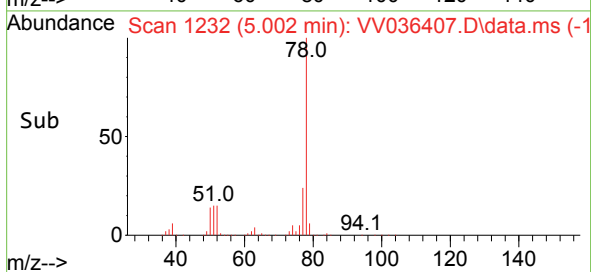
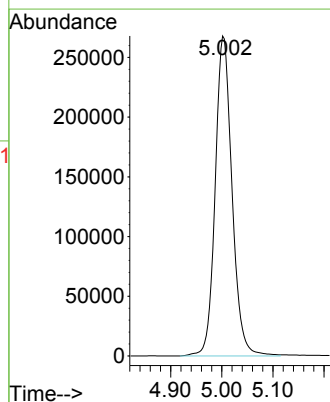
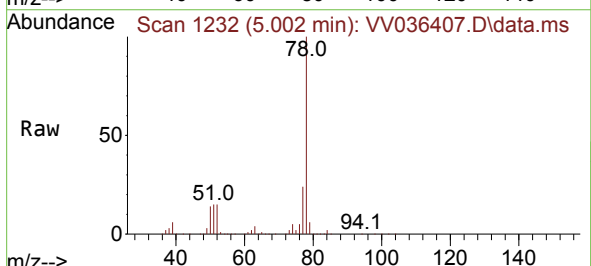
Instrument :
MSVOA_V
ClientSampleId :

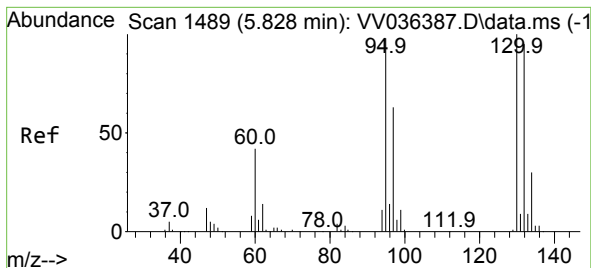
Tgt Ion:117 Resp: 204691
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8



#33
Benzene
Concen: 20.430 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 78 Resp: 613168





#34

Trichloroethene

Concen: 18.344 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

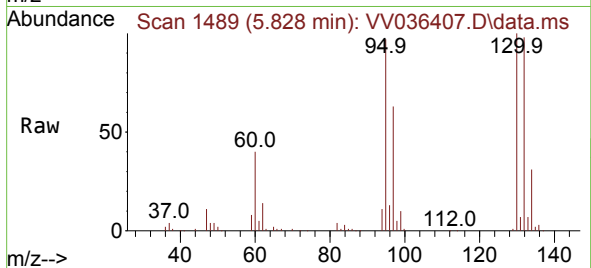
Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 173738

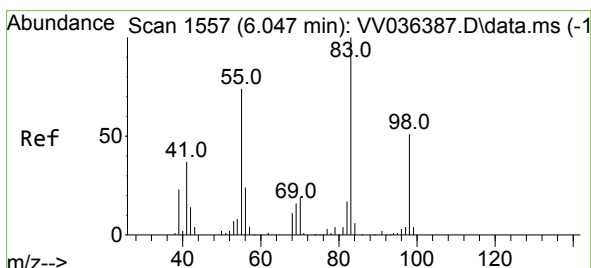
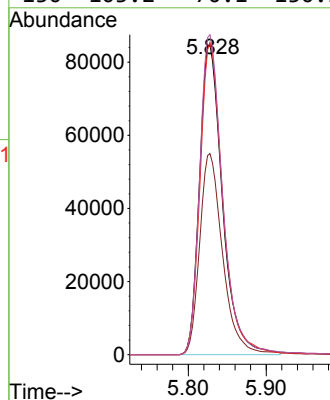
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 100.7 67.7 125.7

130 103.2 70.1 130.1



#35

Methylcyclohexane

Concen: 14.863 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

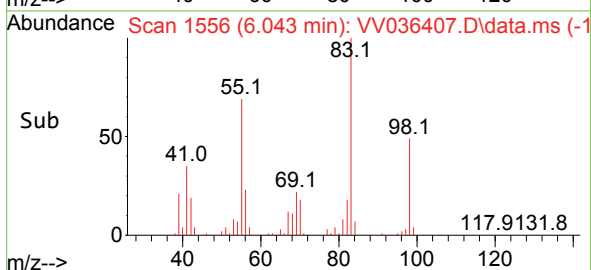
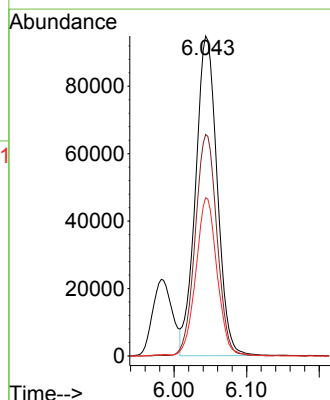
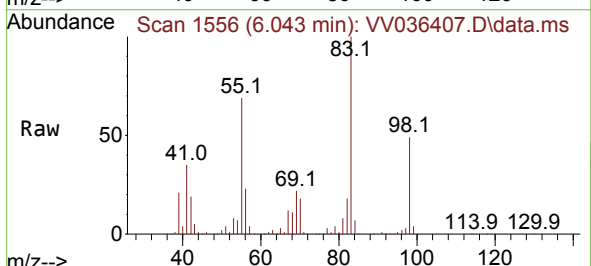
Tgt Ion: 83 Resp: 196173

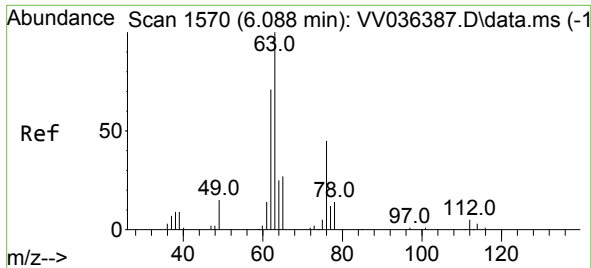
Ion Ratio Lower Upper

83 100

55 69.3 56.0 84.0

98 48.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 20.369 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

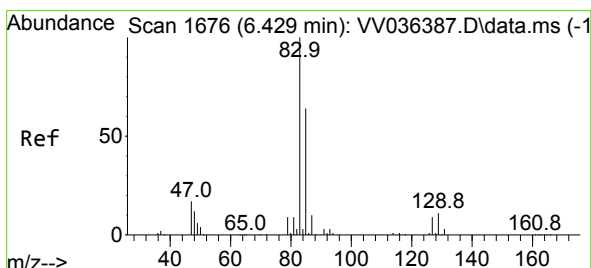
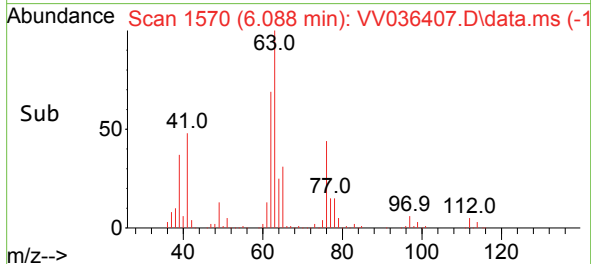
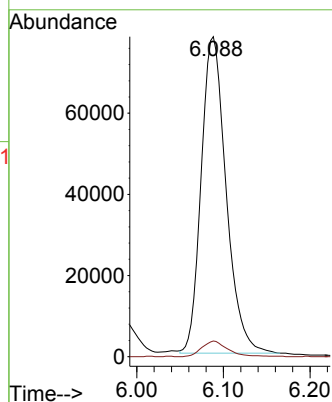
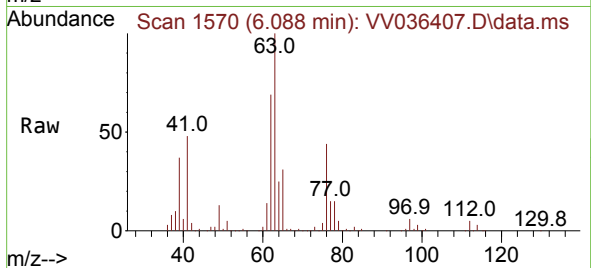
ClientSampleId :

Tgt Ion: 63 Resp: 156135

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 20.552 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

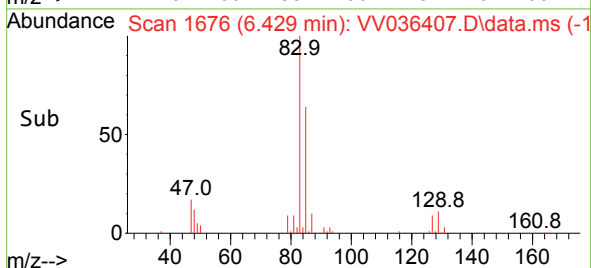
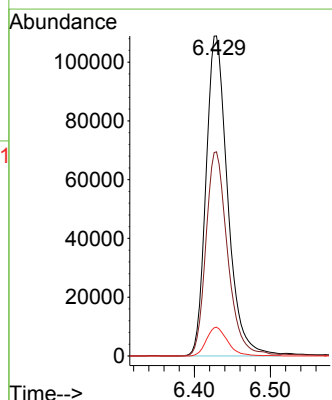
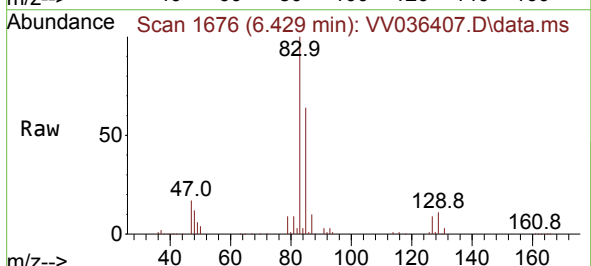
Tgt Ion: 83 Resp: 215467

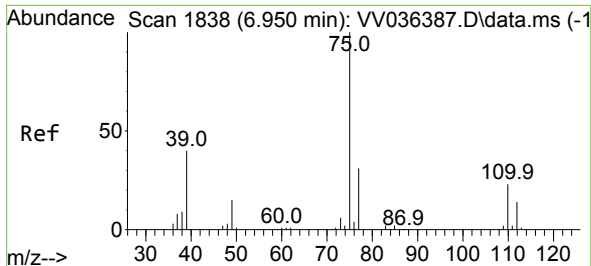
Ion Ratio Lower Upper

83 100

85 63.8 44.9 83.5

127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 14.693 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

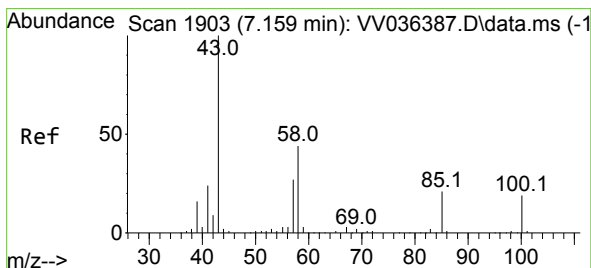
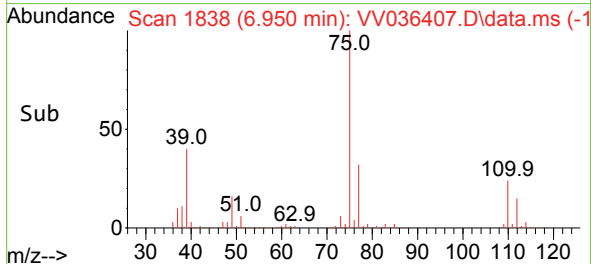
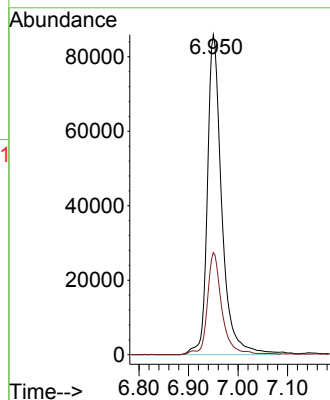
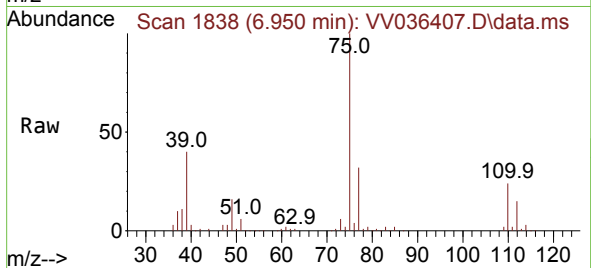
ClientSampleId :

Tgt Ion: 75 Resp: 173183

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 28.125 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

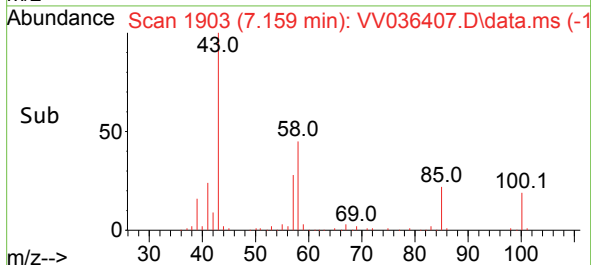
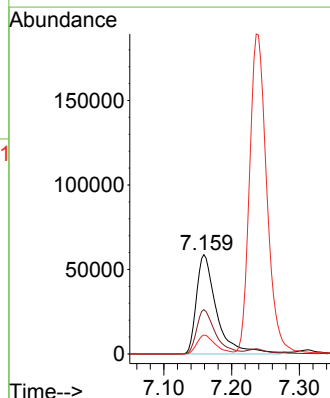
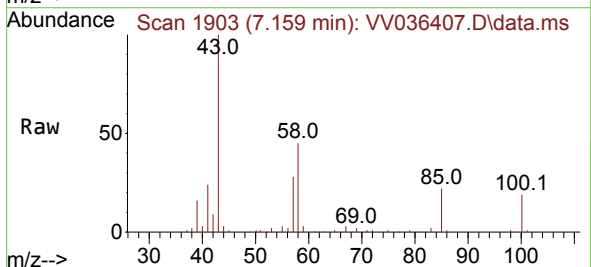
Tgt Ion: 43 Resp: 121583

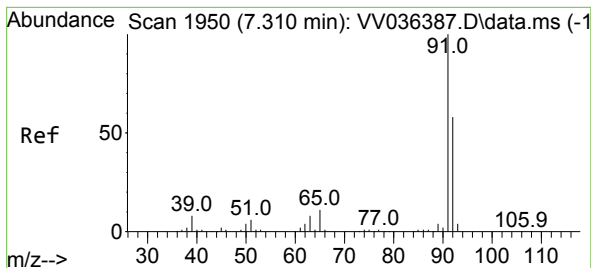
Ion Ratio Lower Upper

43 100

58 41.7 34.8 52.2

100 17.7 14.6 21.8





#42

Toluene

Concen: 20.085 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

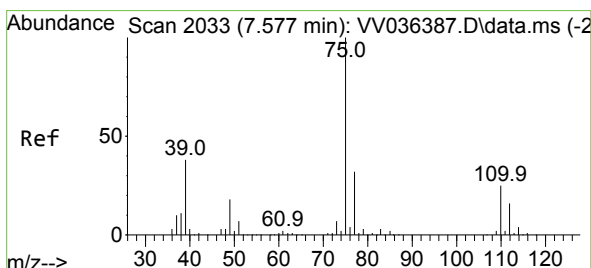
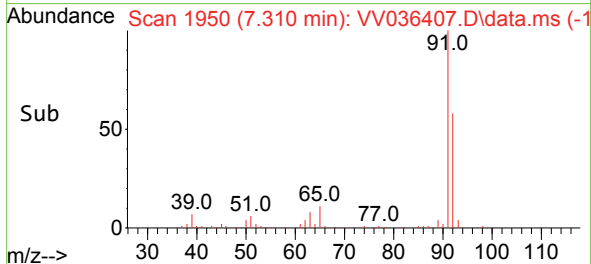
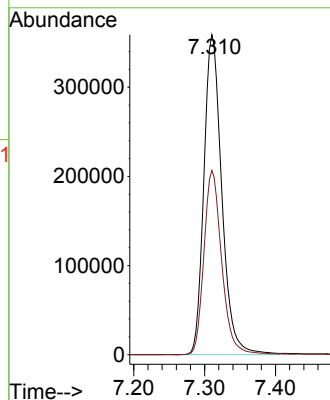
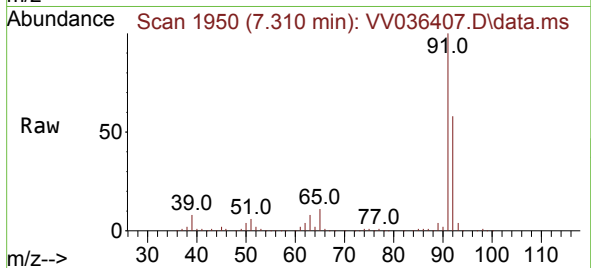
ClientSampleId :

Tgt Ion: 91 Resp: 630321

Ion Ratio Lower Upper

91 100

92 57.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 14.914 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036407.D

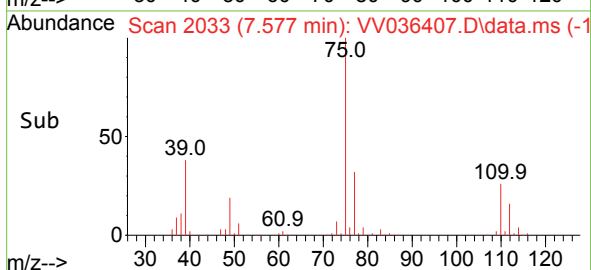
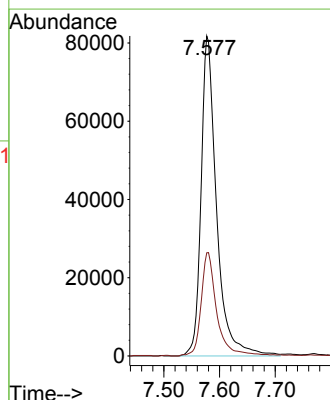
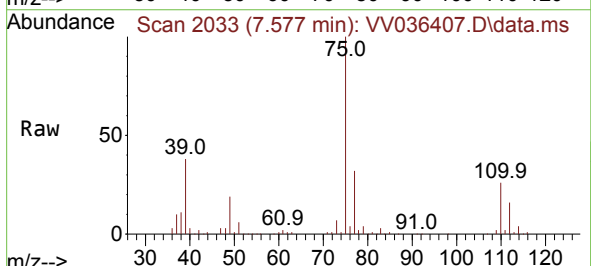
Acq: 02 Jul 2024 04:28

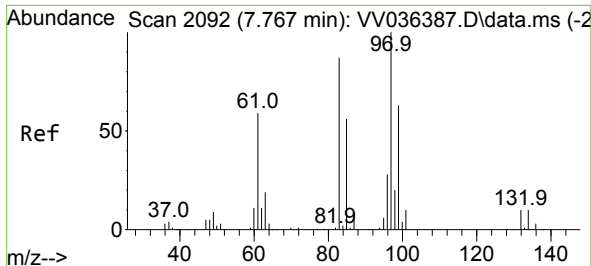
Tgt Ion: 75 Resp: 158106

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9

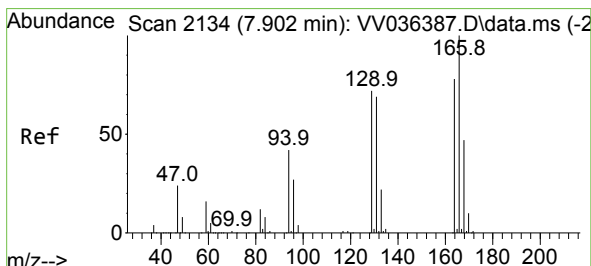
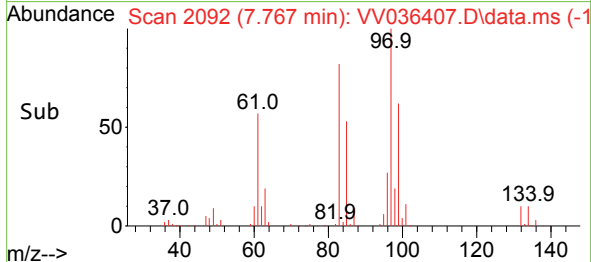
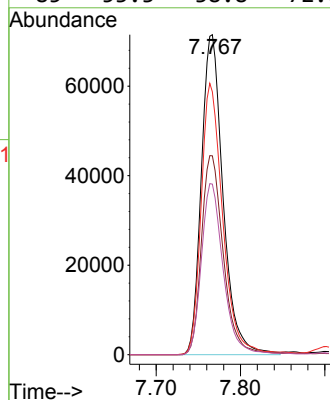
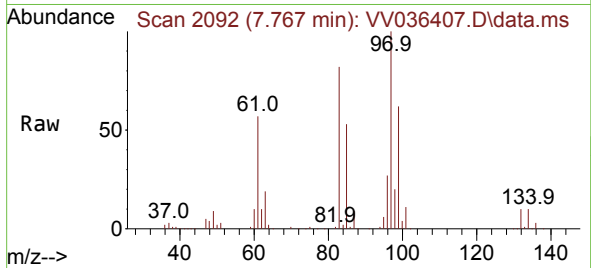




#45
1,1,2-Trichloroethane
Concen: 18.928 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

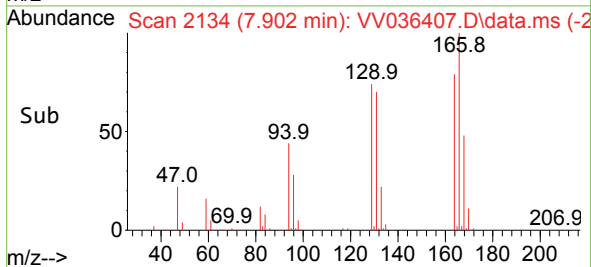
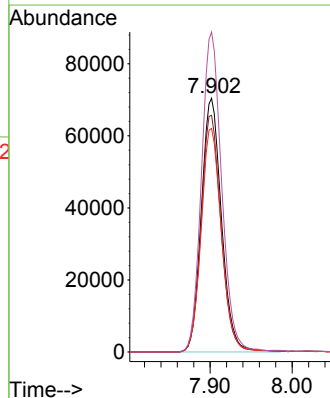
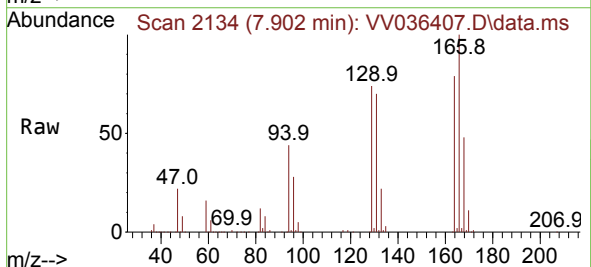
Instrument :
MSVOA_V
ClientSampleId :

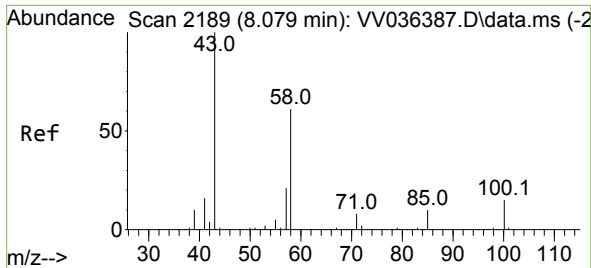
Tgt Ion:	97	Resp:	128239
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.3
83	82.2	60.6	112.6
85	53.3	38.8	72.0



#46
Tetrachloroethene
Concen: 17.458 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

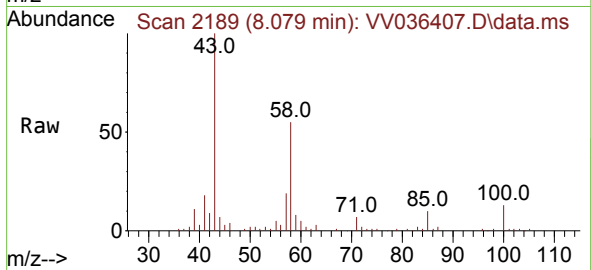
Tgt Ion:	164	Resp:	120164
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.9	122.5
131	88.1	63.3	117.7
166	126.1	90.3	167.7



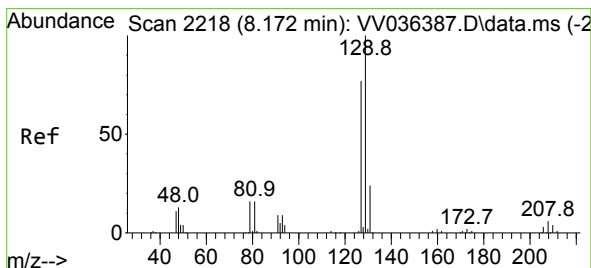
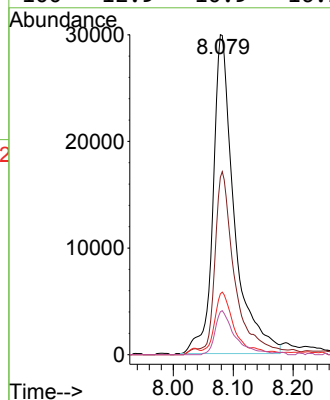
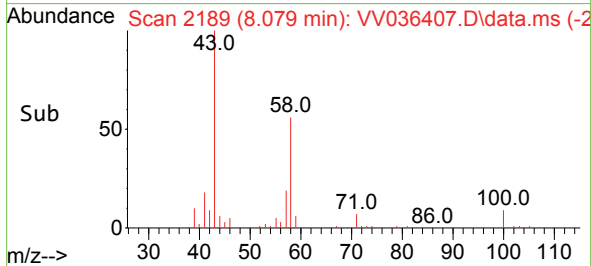


#48
2-Hexanone
Concen: 21.583 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Instrument :
MSVOA_V
ClientSampleId :

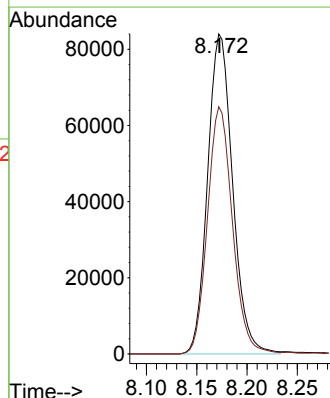
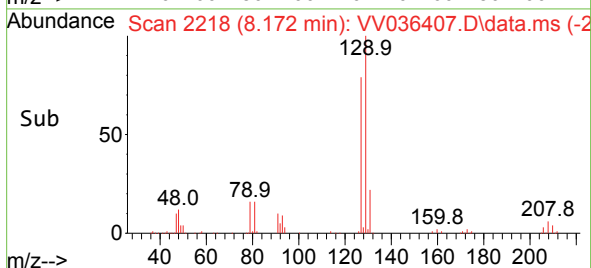
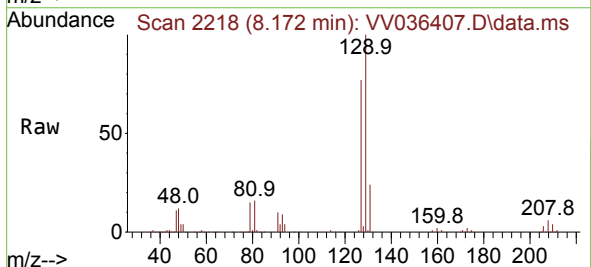


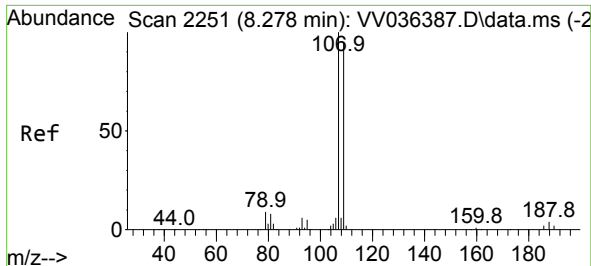
Tgt Ion: 43 Resp: 73391
Ion Ratio Lower Upper
43 100
58 50.5 48.5 72.7
57 15.2 15.8 23.6#
100 12.9 10.9 16.3



#49
Dibromochloromethane
Concen: 19.269 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 129 Resp: 145530
Ion Ratio Lower Upper
129 100
127 77.3 54.9 101.9





#50

1,2-Dibromoethane

Concen: 17.350 ug/L

RT: 8.278 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV036407.D

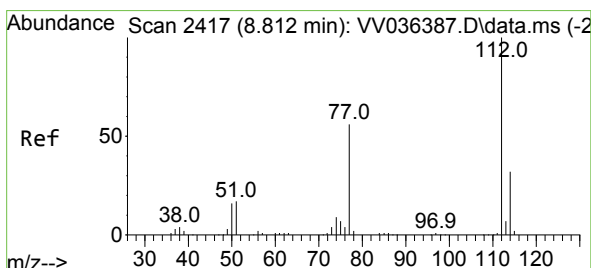
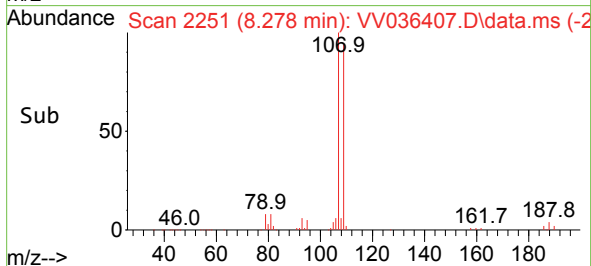
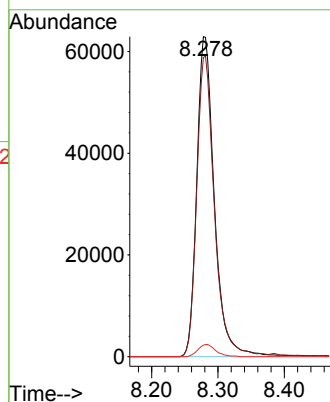
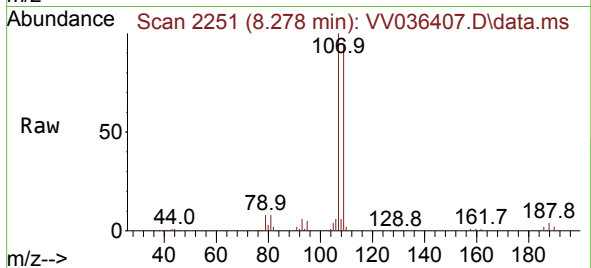
Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	115801
Ion	Ratio	Lower	Upper
107	100		
109	93.5	64.7	120.1
188	3.6	3.0	4.6



#51

Chlorobenzene

Concen: 18.288 ug/L

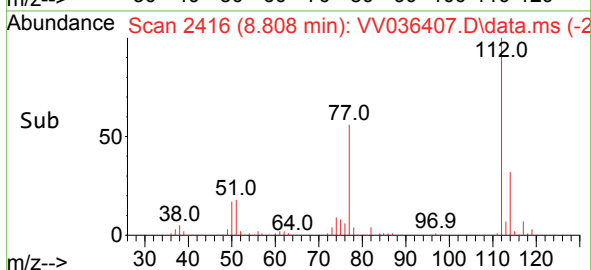
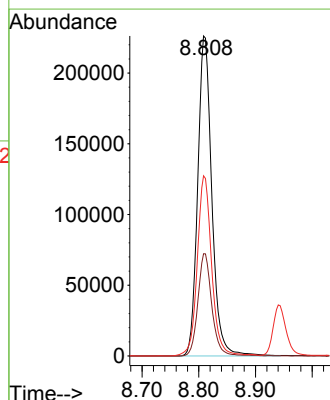
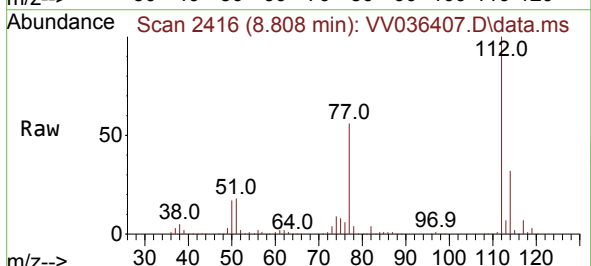
RT: 8.808 min Scan# 2416

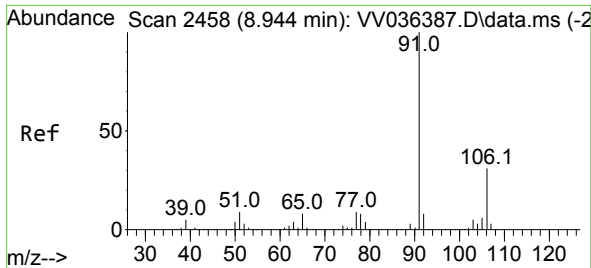
Delta R.T. -0.003 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Tgt Ion:	112	Resp:	392312
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	56.3	46.2	69.2

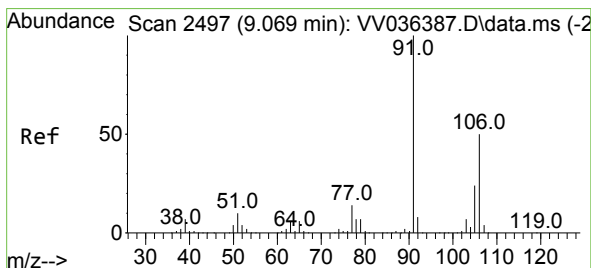
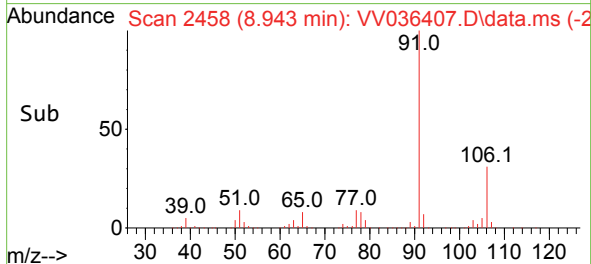
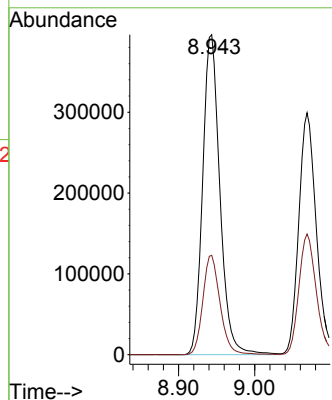
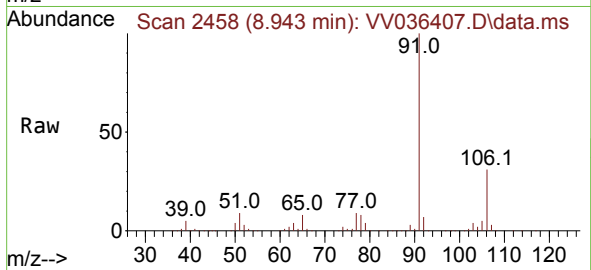




#52
Ethylbenzene
Concen: 18.394 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

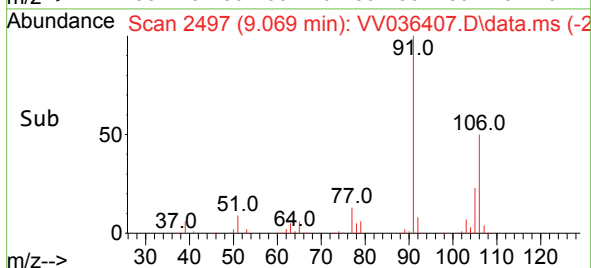
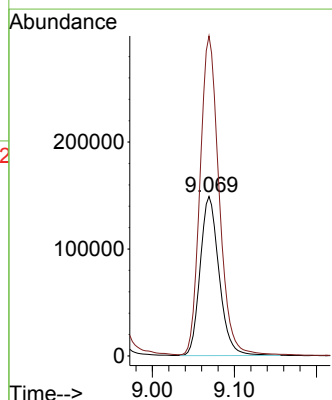
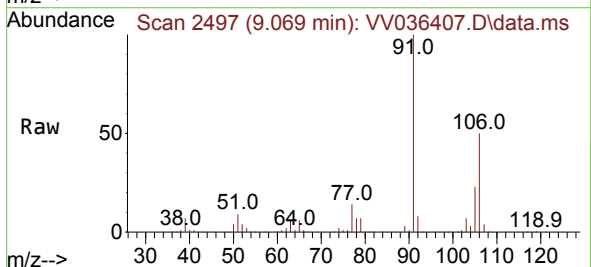
Instrument :
MSVOA_V
ClientSampleId :

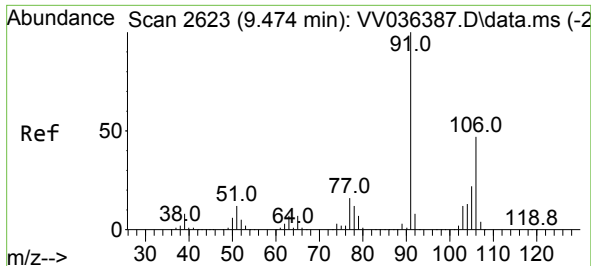
Tgt Ion: 91 Resp: 622935
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 18.893 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion: 106 Resp: 238468
Ion Ratio Lower Upper
106 100
91 200.6 142.2 264.0

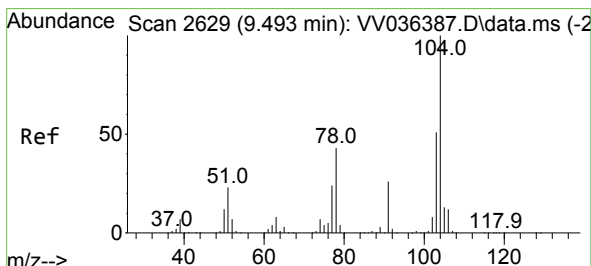
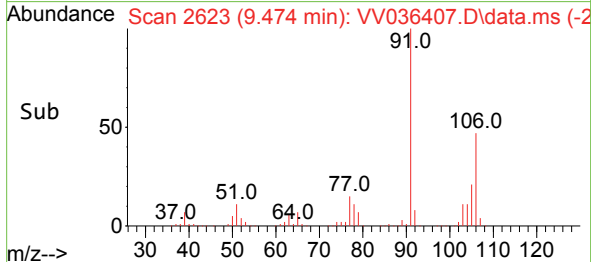
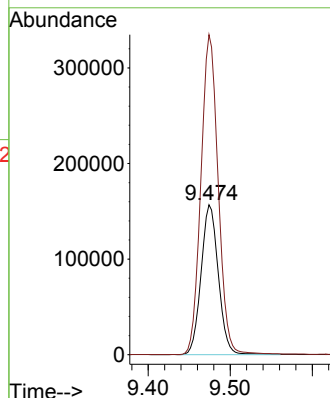
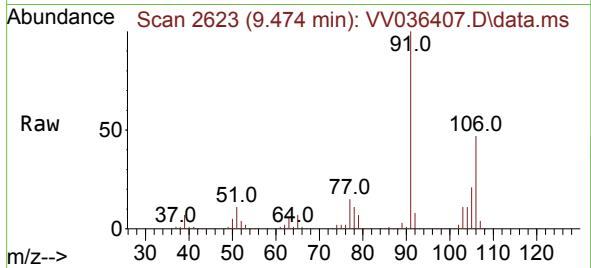




#54
o-Xylene
Concen: 19.296 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

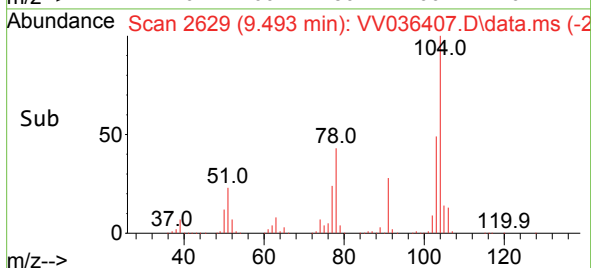
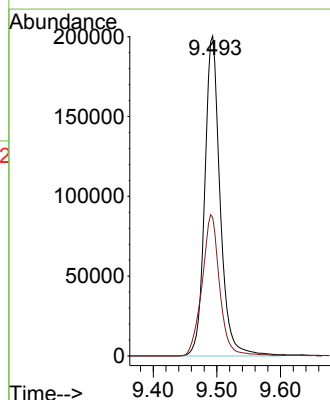
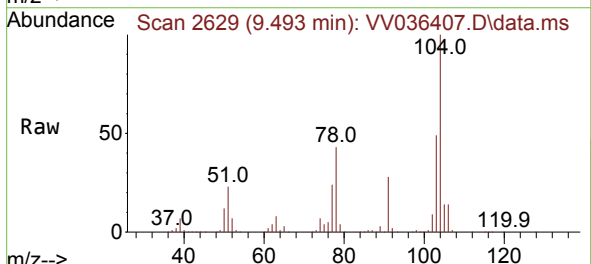
Instrument :
MSVOA_V
ClientSampleId :

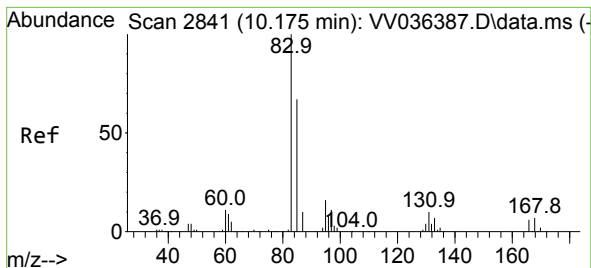
Tgt Ion:106 Resp: 229037
Ion Ratio Lower Upper
106 100
91 213.5 152.7 283.7



#55
Styrene
Concen: 16.239 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion:104 Resp: 337816
Ion Ratio Lower Upper
104 100
78 43.3 30.2 56.2

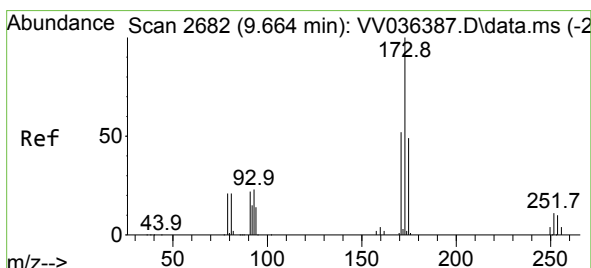
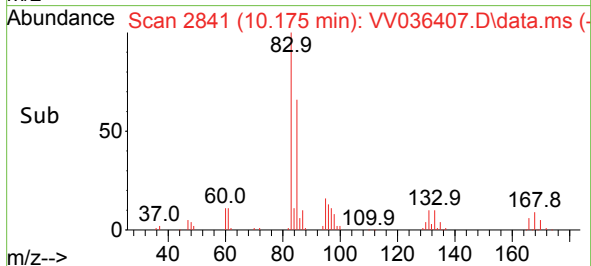
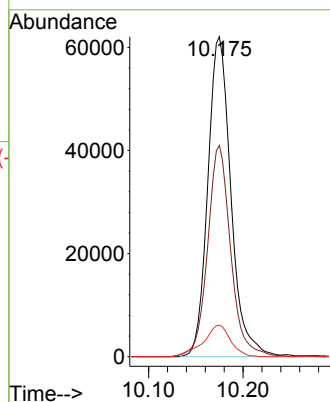
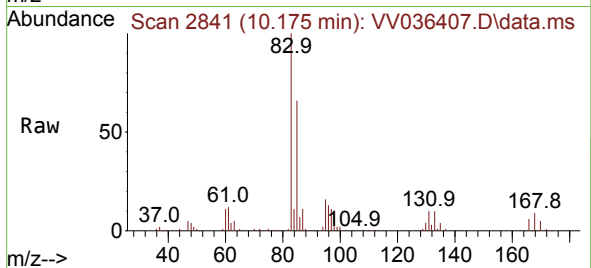




#57
 1,1,2,2-Tetrachloroethane
 Concen: 17.386 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

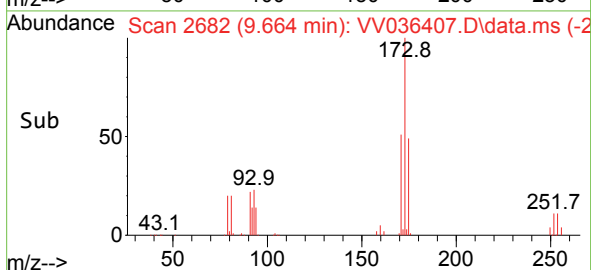
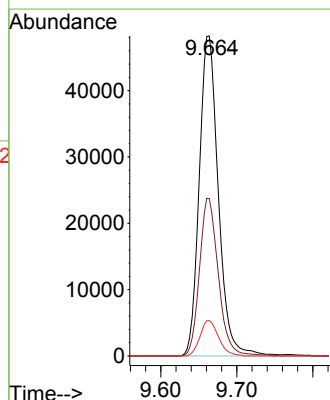
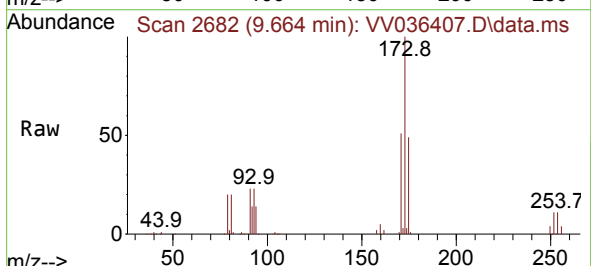
Instrument :
 MSVOA_V
 ClientSampleId :

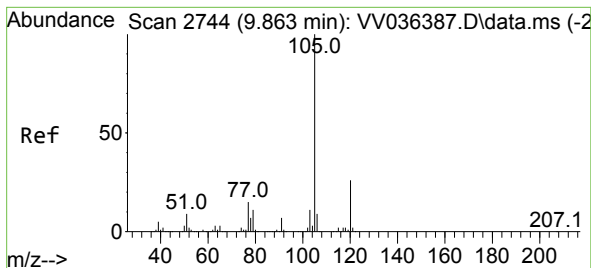
Tgt Ion: 83 Resp: 105426
 Ion Ratio Lower Upper
 83 100
 85 66.1 45.7 84.9
 131 9.9 7.8 11.6



#59
 Bromoform
 Concen: 20.044 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV036407.D
 Acq: 02 Jul 2024 04:28

Tgt Ion: 173 Resp: 84116
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.9 58.3
 254 10.8 7.2 10.8





#60

Isopropylbenzene

Concen: 21.685 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

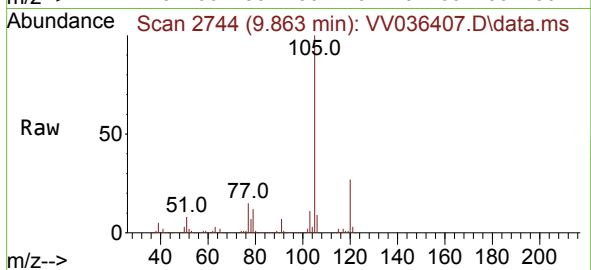
Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :



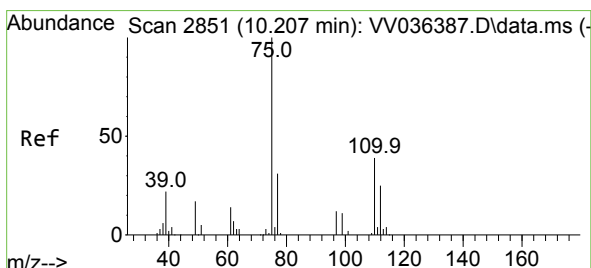
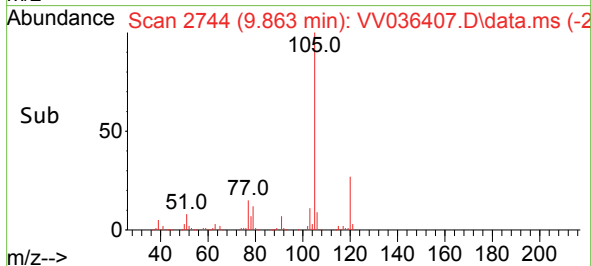
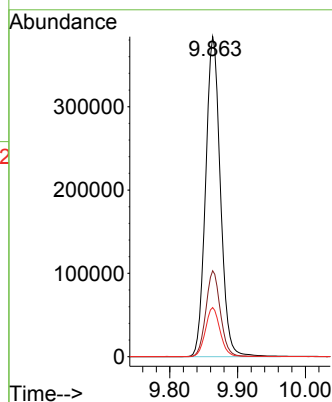
Tgt Ion:105 Resp: 581109

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.2 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 19.995 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

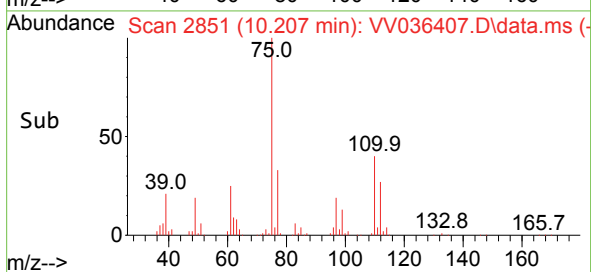
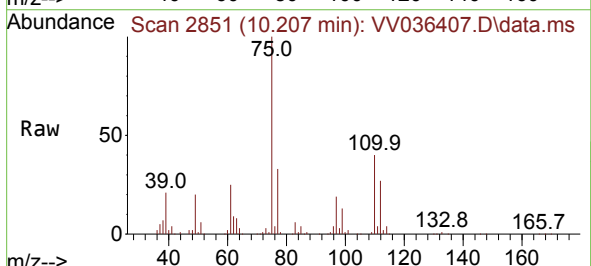
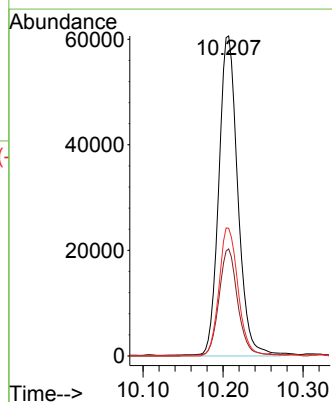
Tgt Ion: 75 Resp: 100036

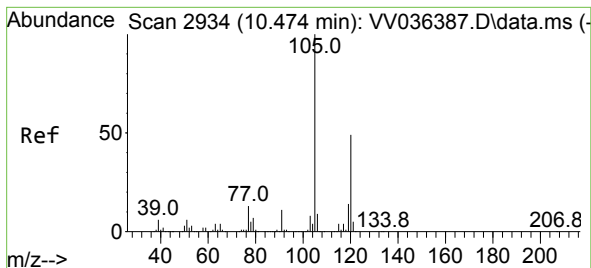
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 40.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 20.617 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

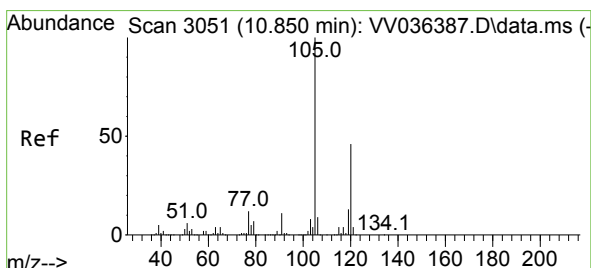
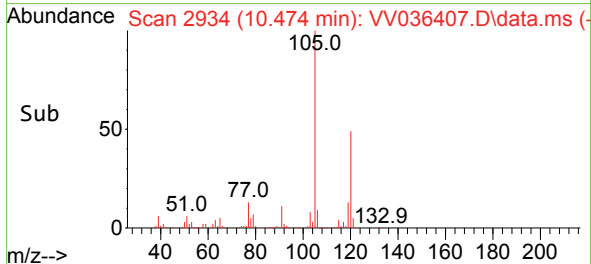
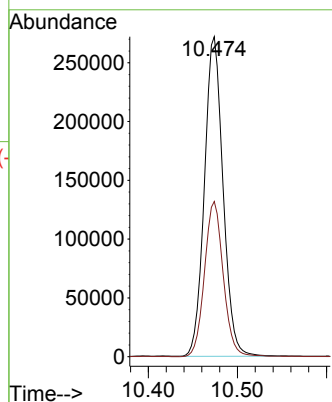
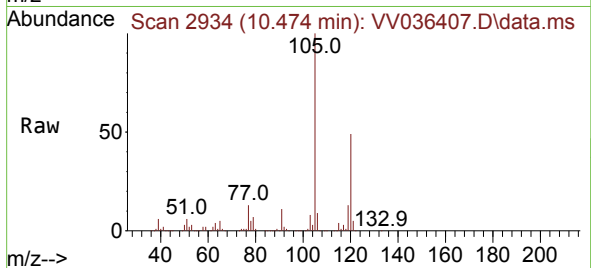
ClientSampleId :

Tgt Ion:105 Resp: 395405

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 20.374 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV036407.D

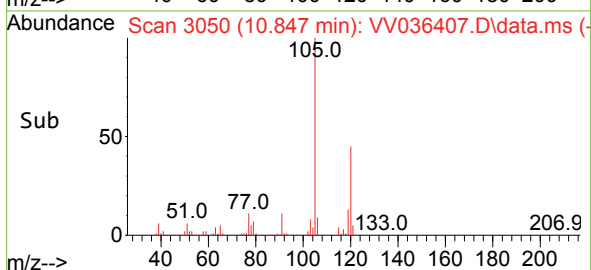
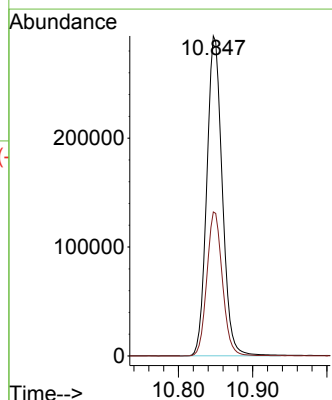
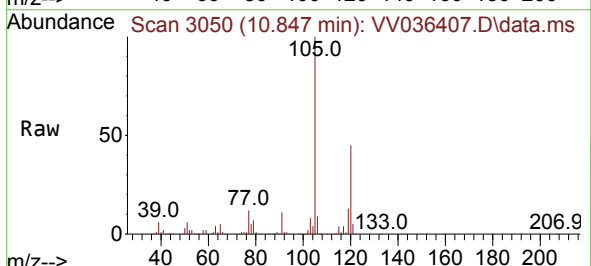
Acq: 02 Jul 2024 04:28

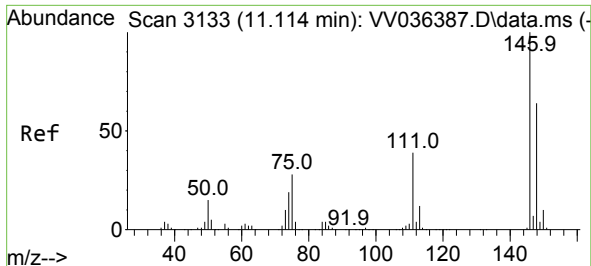
Tgt Ion:105 Resp: 424609

Ion Ratio Lower Upper

105 100

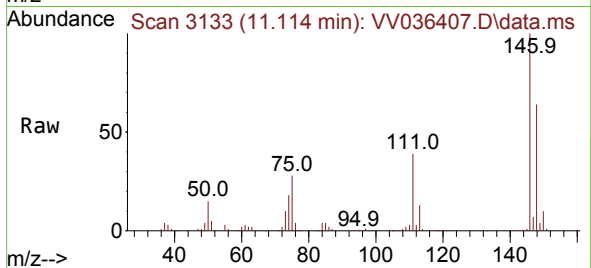
120 45.1 36.2 54.4



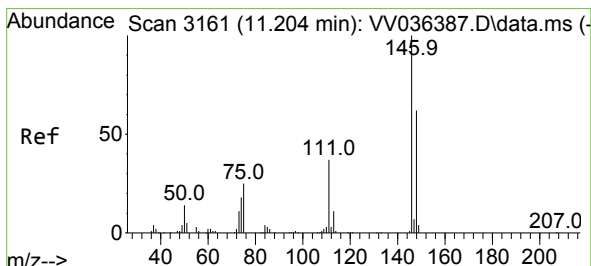
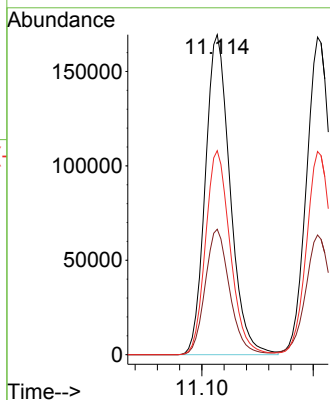
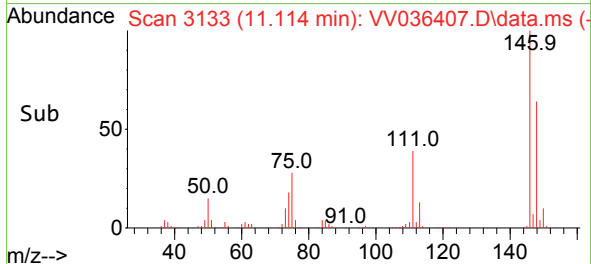


#64
1,3-Dichlorobenzene
Concen: 18.765 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

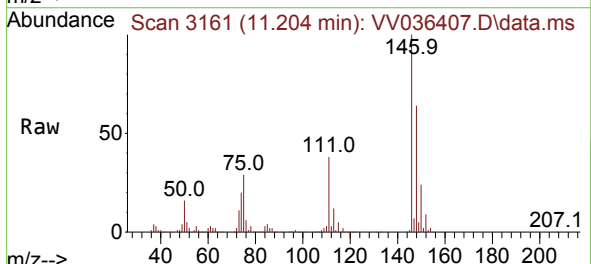
Instrument :
MSVOA_V
ClientSampleId :



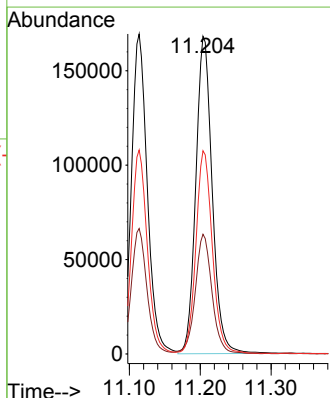
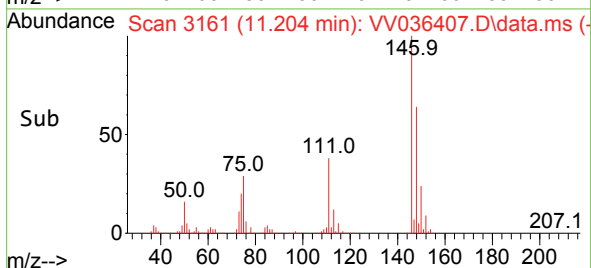
Tgt Ion:146 Resp: 262030
Ion Ratio Lower Upper
146 100
111 39.2 27.5 51.1
148 63.8 44.9 83.3

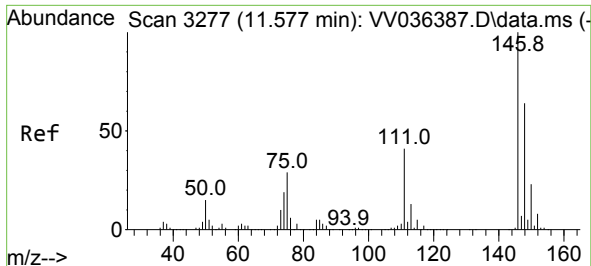


#65
1,4-Dichlorobenzene
Concen: 18.042 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28



Tgt Ion:146 Resp: 270055
Ion Ratio Lower Upper
146 100
111 37.7 27.5 51.1
148 64.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 18.667 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :

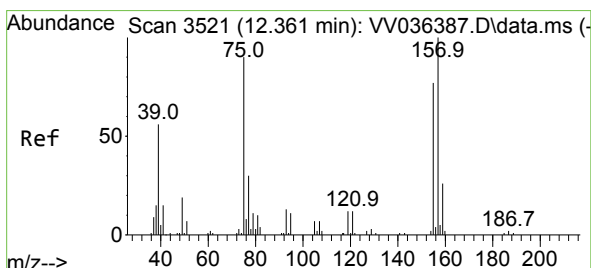
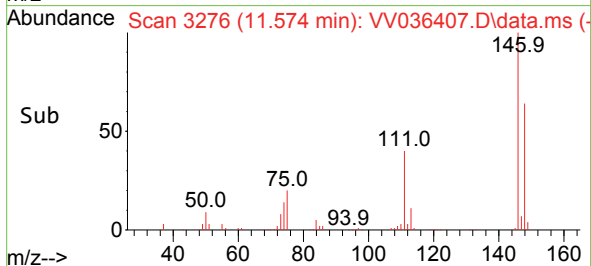
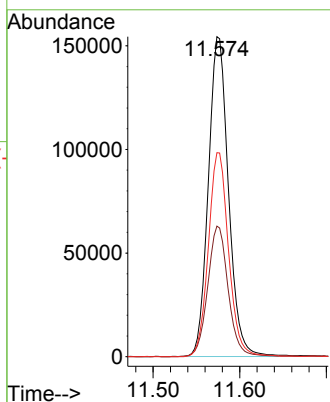
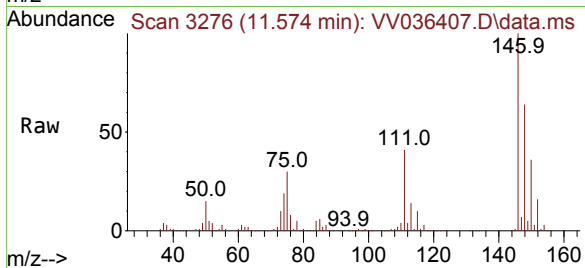
Tgt Ion:146 Resp: 248851

Ion Ratio Lower Upper

146 100

111 40.8 33.3 49.9

148 63.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 17.103 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

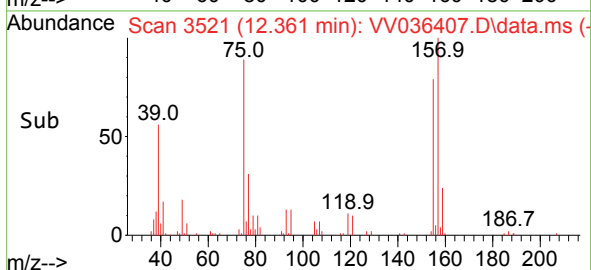
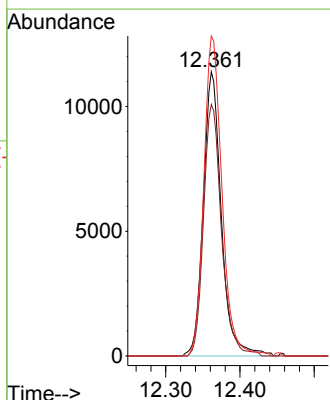
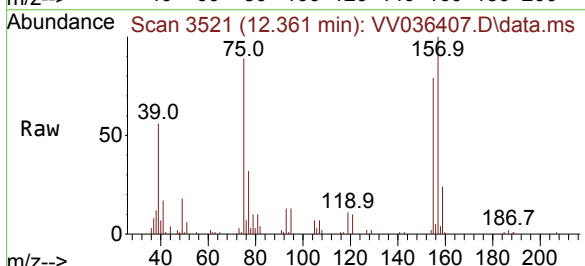
Tgt Ion: 75 Resp: 19197

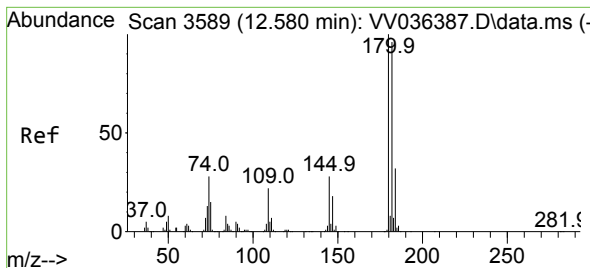
Ion Ratio Lower Upper

75 100

155 88.5 68.3 102.5

157 112.6 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 14.277 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

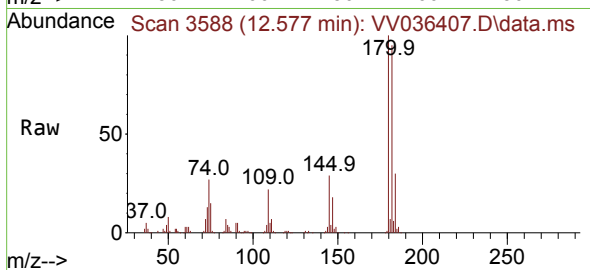
Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 150116

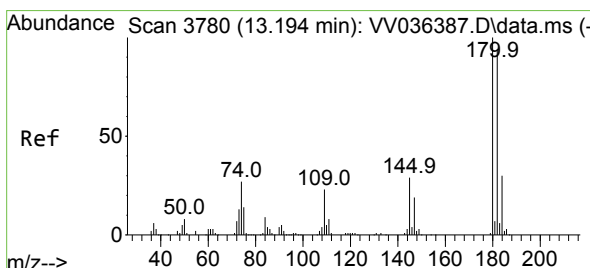
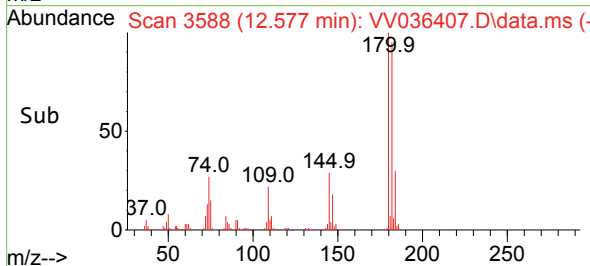
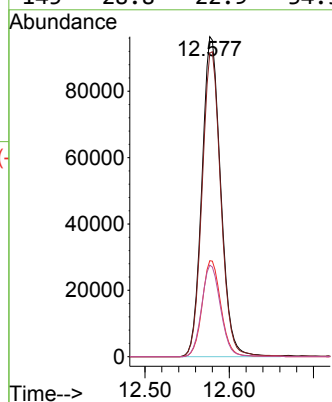
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

184 29.9 23.3 34.9

145 28.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 12.485 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036407.D

Acq: 02 Jul 2024 04:28

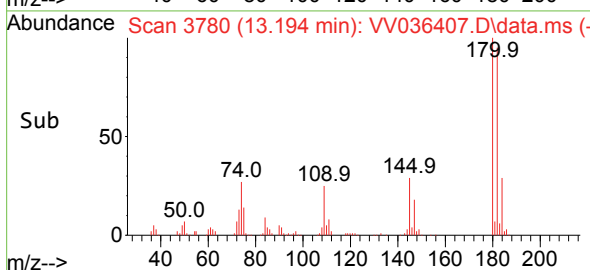
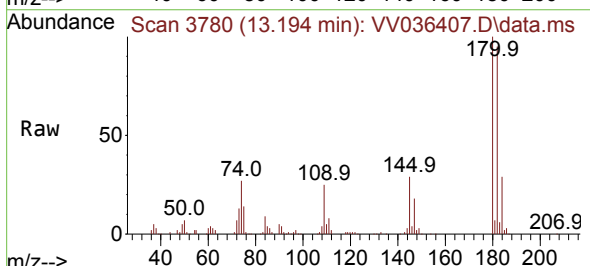
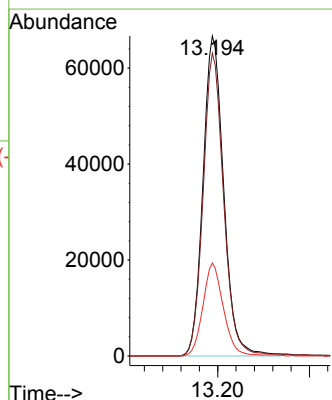
Tgt Ion:180 Resp: 104684

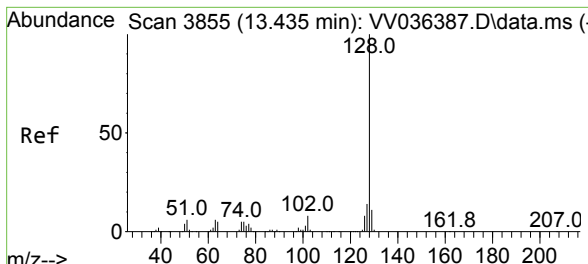
Ion Ratio Lower Upper

180 100

182 93.2 76.1 114.1

145 28.5 23.8 35.8

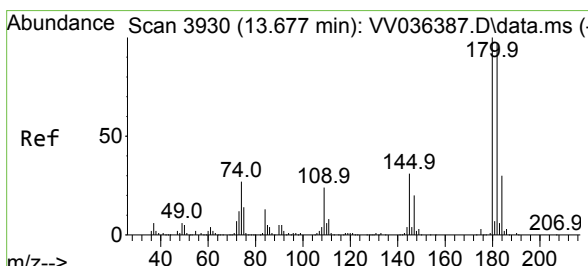
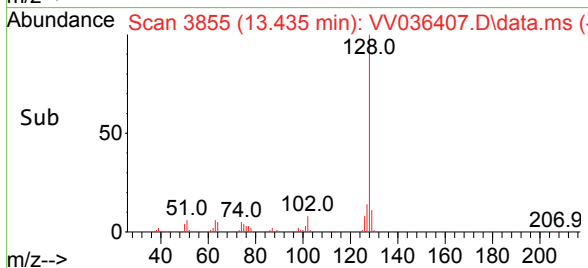
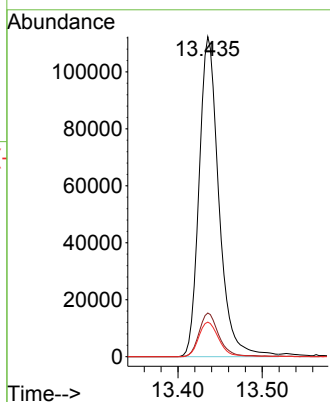
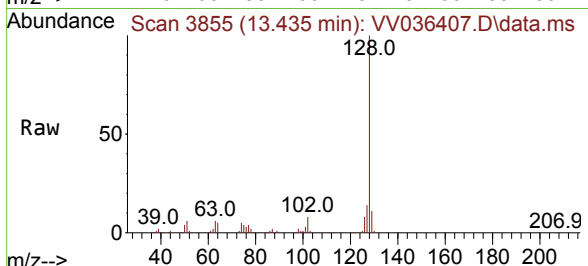




#71
Naphthalene
Concen: 12.305 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	183958
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 12.043 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV036407.D
Acq: 02 Jul 2024 04:28

Tgt Ion:	180	Resp:	94957
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.7	115.1
145	30.8	25.0	37.4

