

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081624\
 Data File : VV036946.D
 Acq On : 16 Aug 2024 08:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 23:01:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:14:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	632338	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	603098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	236494	46.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.660%
7) Chloroethane-d5	1.529	69	196349	49.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.056	65	104593	48.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.820%
21) 2-Butanone-d5	3.789	46	215191	80.417	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.420%
24) Chloroform-d	4.239	84	463216	51.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
26) 1,2-Dichloroethane-d4	4.931	65	287536	49.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
32) Benzene-d6	4.950	84	883356	48.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	5.982	67	290810	49.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.980%
41) Toluene-d8	7.236	98	789496	47.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	7.548	79	134280	43.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.820%
47) 2-Hexanone-d5	8.021	63	143800	85.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332409	49.263	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.554	152	299542	46.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	280470	55.627	ug/L	100
3) Chloromethane	1.217	50	287248	54.438	ug/L	99
5) Vinyl chloride	1.281	62	292521	53.983	ug/L	99
6) Bromomethane	1.487	94	181816	53.293	ug/L	99
8) Chloroethane	1.548	64	184901	55.088	ug/L	98
9) Trichlorofluoromethane	1.712	101	397568	56.014	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	241609	57.769	ug/L	99
12) 1,1-Dichloroethene	2.069	96	216666	54.242	ug/L	94
13) Acetone	2.111	43	229463	102.489	ug/L	99
14) Carbon disulfide	2.236	76	595671	47.474	ug/L	99
15) Methyl Acetate	2.368	43	215464	46.716	ug/L	99
16) Methylene chloride	2.442	84	248252	55.283	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	227550	54.997	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	748819	51.387	ug/L	99
19) 1,1-Dichloroethane	3.101	63	468296	56.021	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	264241	54.412	ug/L	99
22) 2-Butanone	3.870	43	273275	91.112	ug/L	99
23) Bromochloromethane	4.137	128	129742	54.999	ug/L	97
25) Chloroform	4.265	83	477134	55.573	ug/L	98

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 ClientSampleId :

Quant Time: Aug 16 23:01:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:14:55 2024
 Response via : Initial Calibration

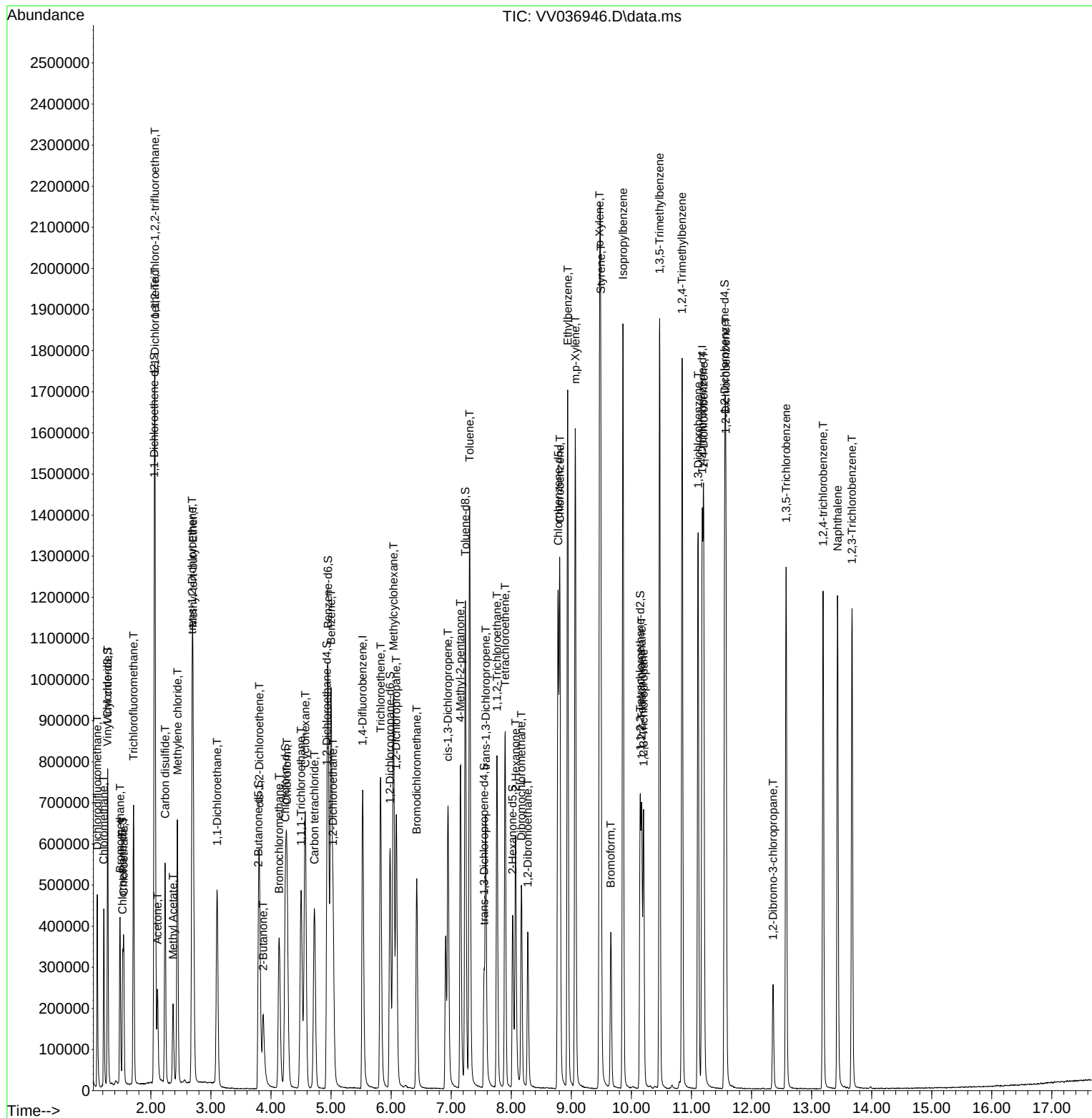
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	358418	52.923	ug/L	98
29) Cyclohexane	4.571	56	389910	50.742	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	397501	52.315	ug/L	99
31) Carbon tetrachloride	4.722	117	333592	52.277	ug/L	98
33) Benzene	5.001	78	988336	54.790	ug/L	100
34) Trichloroethene	5.825	95	276850	52.956	ug/L	99
35) Methylcyclohexane	6.040	83	406874	50.719	ug/L	99
37) 1,2-Dichloropropane	6.085	63	264264	55.302	ug/L	100
38) Bromodichloromethane	6.426	83	350231	53.223	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	426858	52.158	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	530021	89.538	ug/L	99
42) Toluene	7.307	91	1038519	54.051	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	382477	50.153	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	247495	53.481	ug/L	97
46) Tetrachloroethene	7.898	164	185243	54.020	ug/L	98
48) 2-Hexanone	8.072	43	393108	90.269	ug/L	99
49) Dibromochloromethane	8.169	129	251125	52.807	ug/L	100
50) 1,2-Dibromoethane	8.275	107	250686	52.211	ug/L	98
51) Chlorobenzene	8.808	112	670734	54.407	ug/L	99
52) Ethylbenzene	8.940	91	1176060	53.608	ug/L	100
53) m,p-Xylene	9.066	106	439679	53.617	ug/L	97
54) o-Xylene	9.471	106	429777	53.584	ug/L	97
55) Styrene	9.490	104	749839	54.554	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	328810	52.658	ug/L	98
59) Bromoform	9.657	173	161483	46.591	ug/L	97
60) Isopropylbenzene	9.860	105	1176223	51.568	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	265861	47.139	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	966940	50.920	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	964892	50.759	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	521494	53.168	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	533009	53.439	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	513606	53.615	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	65109	39.949	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	366255	52.618	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	341673	51.180	ug/L	98
71) Naphthalene	13.432	128	928900	43.391	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	330001	50.499	ug/L	100

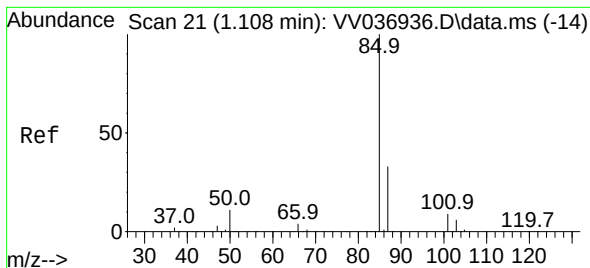
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV036946.D
Acq On : 16 Aug 2024 08:29
Operator : SY/MD
Sample : VSTDC0050
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

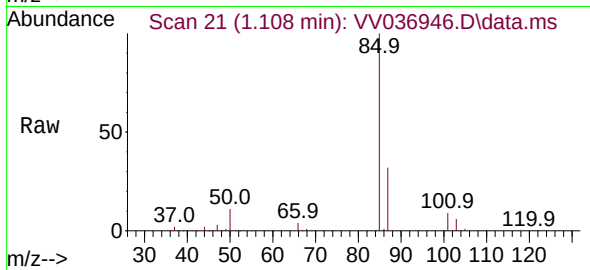
Quant Time: Aug 16 23:01:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 02:14:55 2024
Response via : Initial Calibration



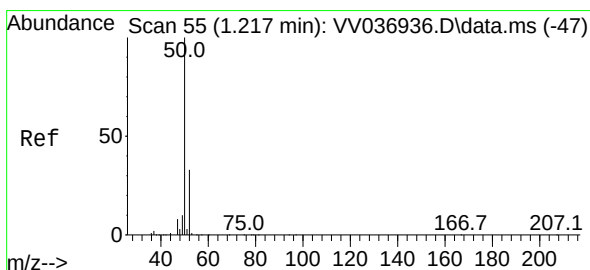
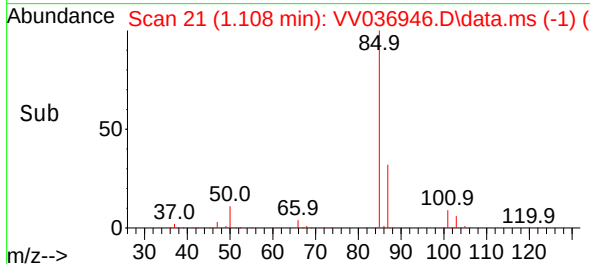
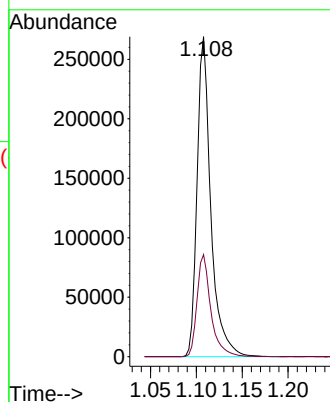


#2
 Dichlorodifluoromethane
 Concen: 55.627 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036946.D
 Acq: 16 Aug 2024 08:29

Instrument :
 MSVOA_V
 ClientSampleId :

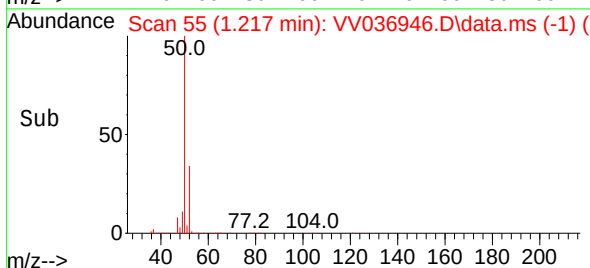
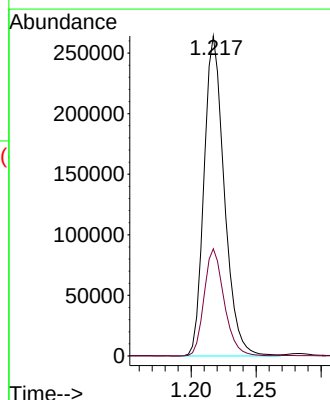
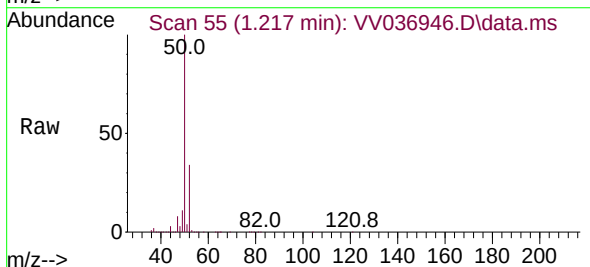


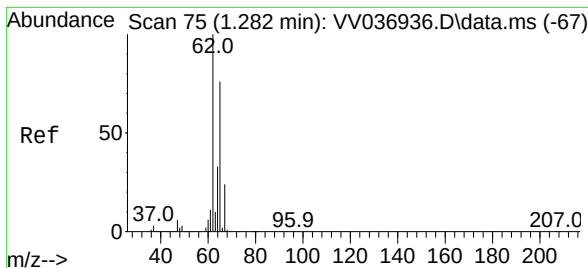
Tgt Ion: 85 Resp: 280470
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 54.438 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036946.D
 Acq: 16 Aug 2024 08:29

Tgt Ion: 50 Resp: 287248
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8





#5

Vinyl chloride

Concen: 53.983 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

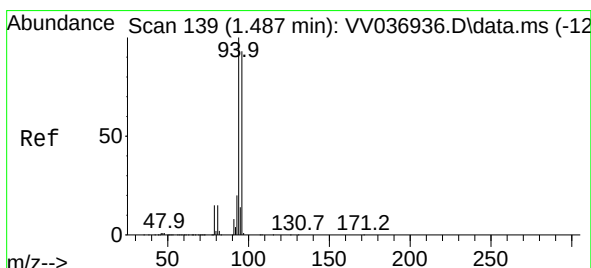
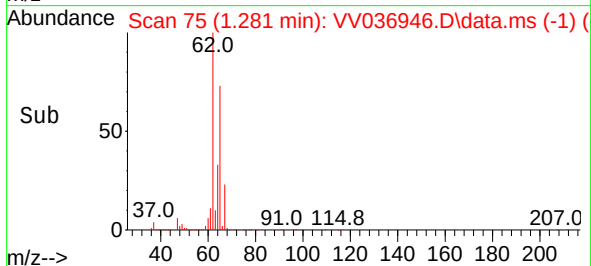
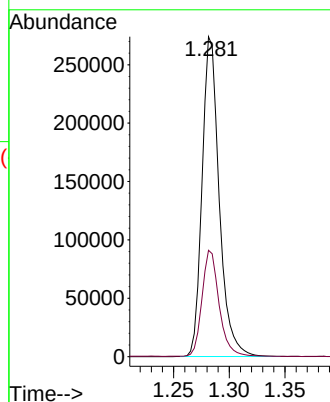
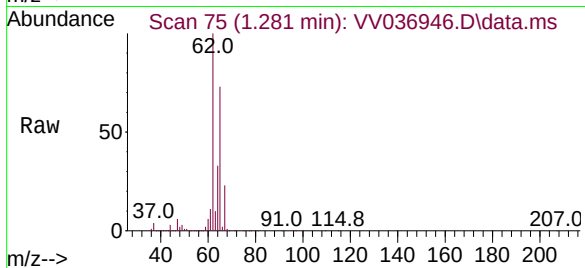
ClientSampleId :

Tgt Ion: 62 Resp: 292521

Ion Ratio Lower Upper

62 100

64 33.2 23.6 43.8



#6

Bromomethane

Concen: 53.293 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036946.D

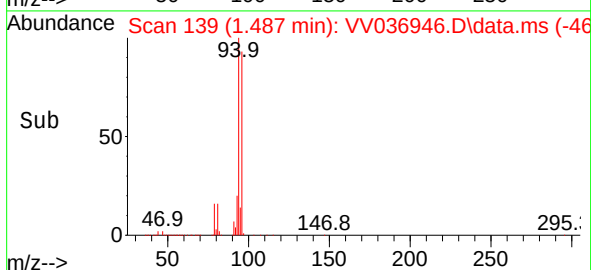
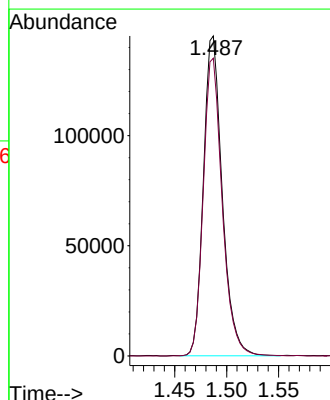
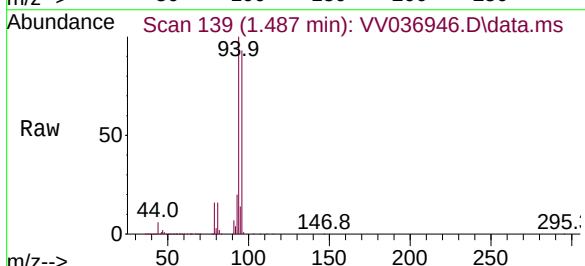
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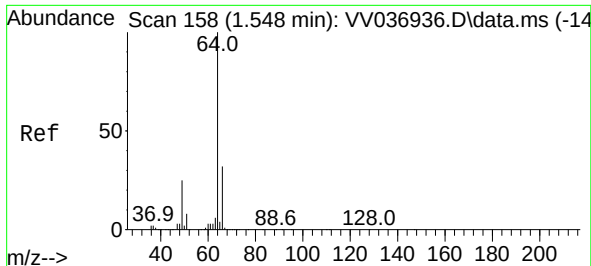
Tgt Ion: 94 Resp: 181816

Ion Ratio Lower Upper

94 100

96 93.0 65.5 121.7

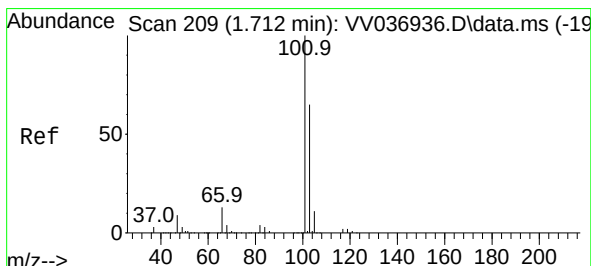
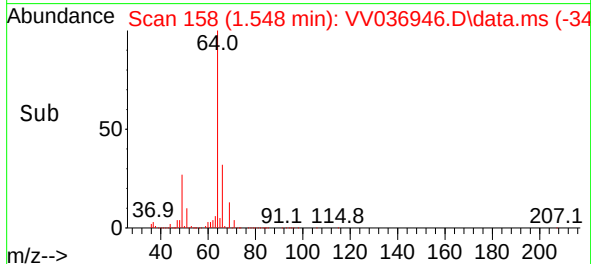
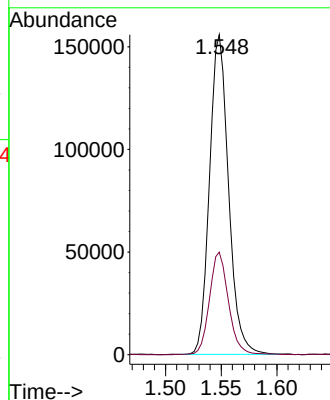
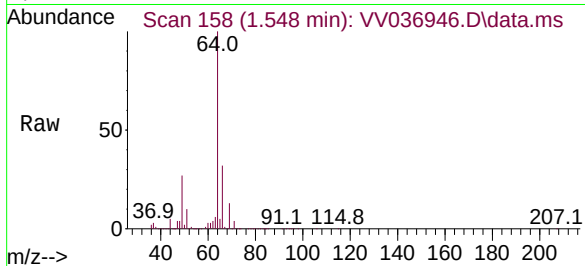




#8
Chloroethane
Concen: 55.088 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

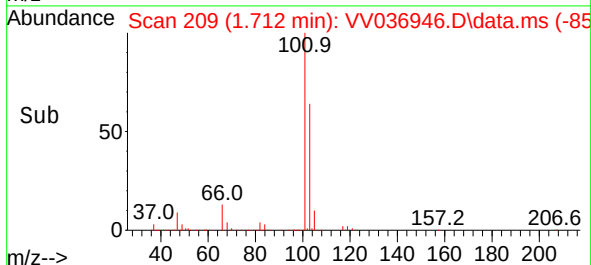
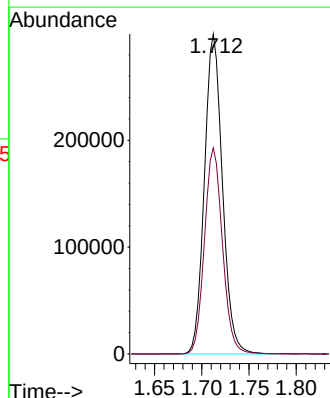
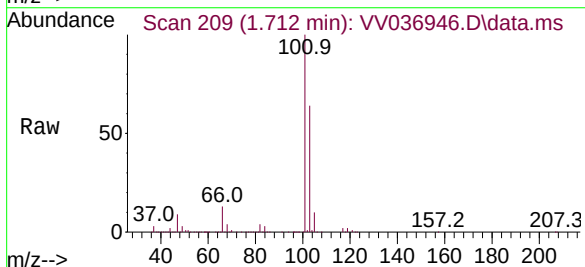
Instrument :
MSVOA_V
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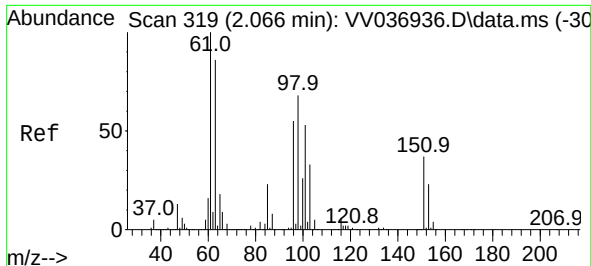
Tgt Ion: 64 Resp: 184901
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 56.014 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:101 Resp: 397568
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

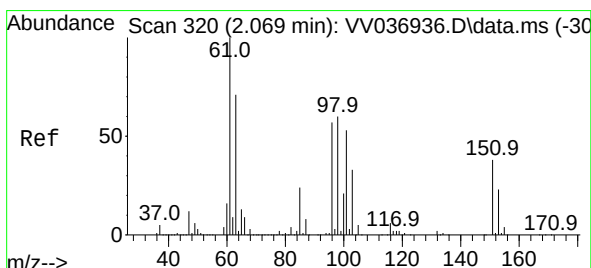
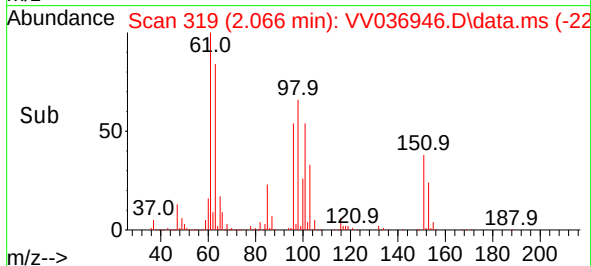
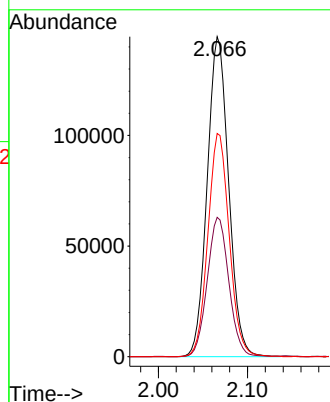
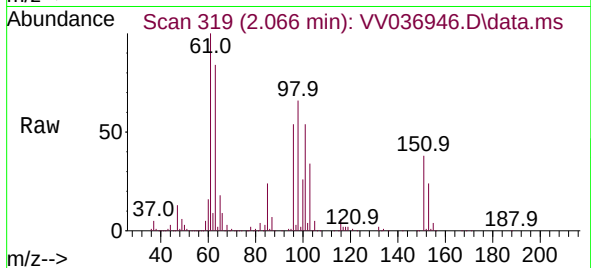




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.769 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036946.D
 Acq: 16 Aug 2024 08:29

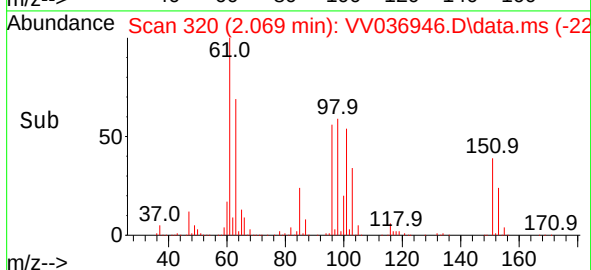
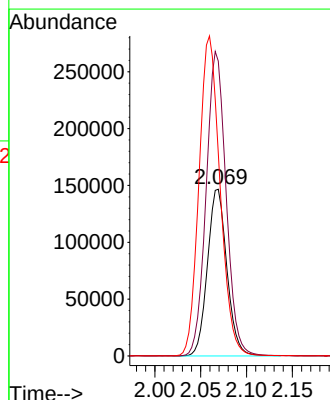
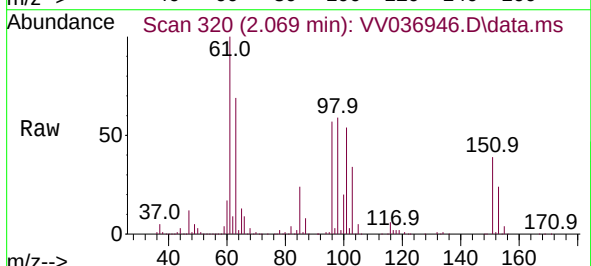
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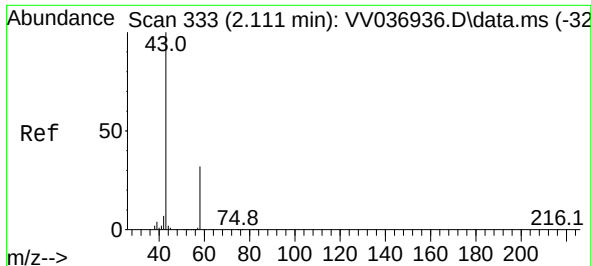
Tgt Ion:101 Resp: 241609
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.6 51.8
 151 69.5 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 54.242 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV036946.D
 Acq: 16 Aug 2024 08:29

Tgt Ion: 96 Resp: 216666
 Ion Ratio Lower Upper
 96 100
 61 176.9 125.6 233.2
 63 121.8 95.1 176.7





#13

Acetone

Concen: 102.489 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

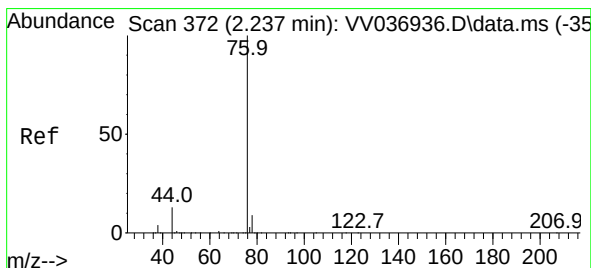
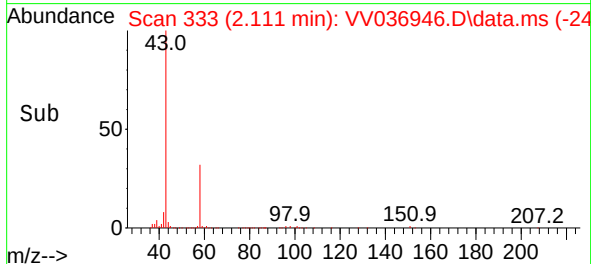
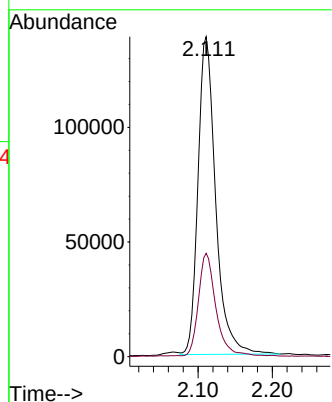
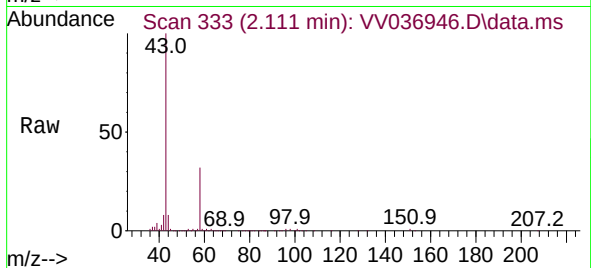
ClientSampleId :

Tgt Ion: 43 Resp: 229463

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.4



#14

Carbon disulfide

Concen: 47.474 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV036946.D

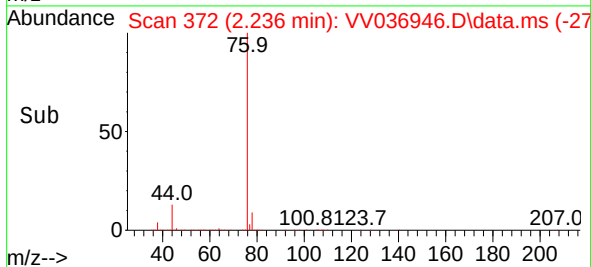
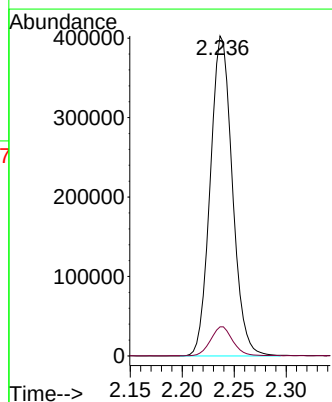
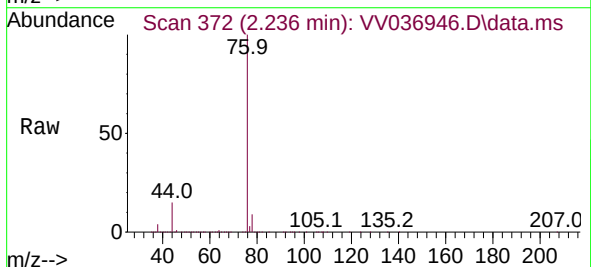
Acq: 16 Aug 2024 08:29

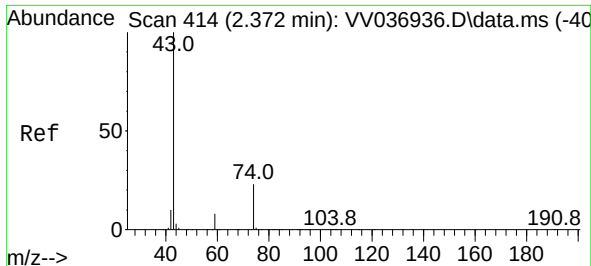
Tgt Ion: 76 Resp: 595671

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

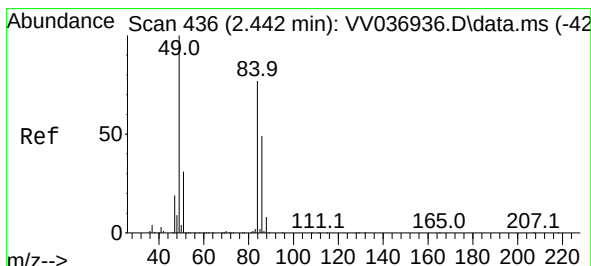
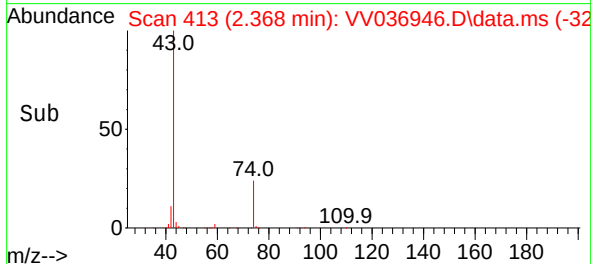
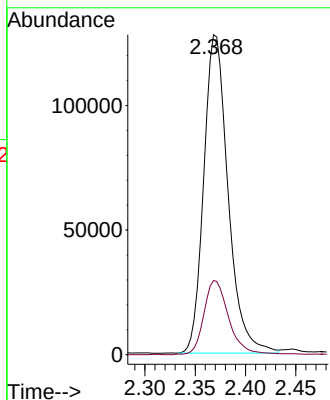
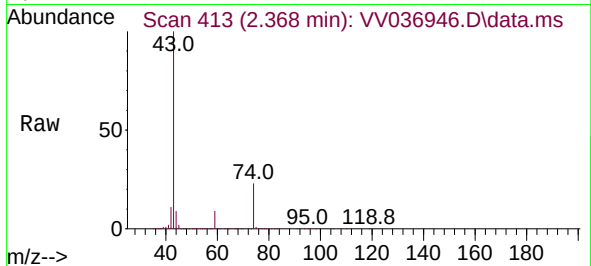




#15
Methyl Acetate
Concen: 46.716 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

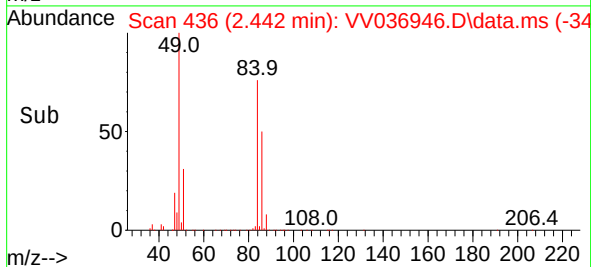
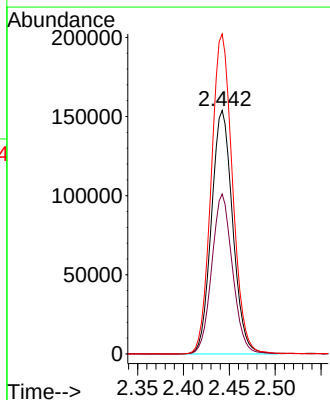
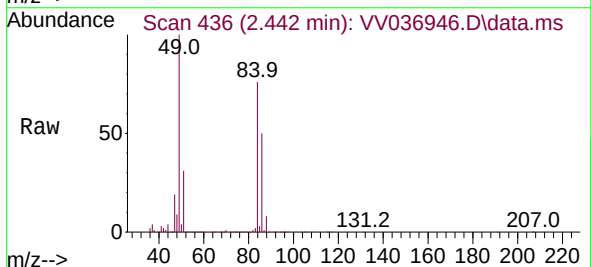
Instrument :
MSVOA_V
ClientSampleId :

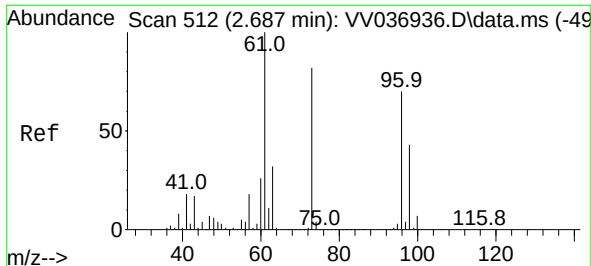
Tgt Ion: 43 Resp: 215464
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4



#16
Methylene chloride
Concen: 55.283 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion: 84 Resp: 248252
Ion Ratio Lower Upper
84 100
86 65.7 44.3 82.3
49 131.4 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 54.997 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

ClientSampleId :

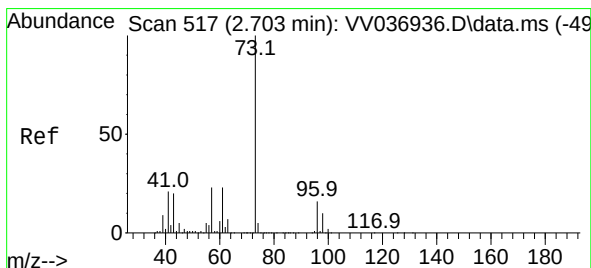
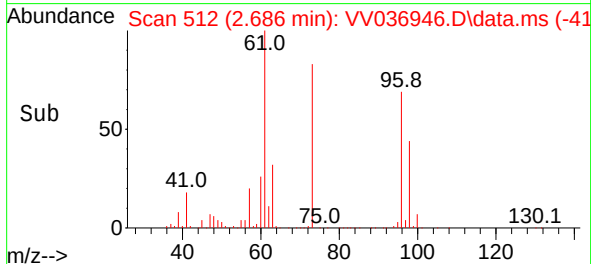
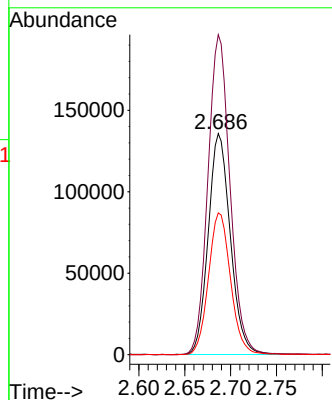
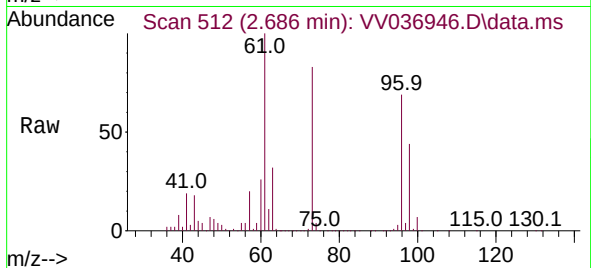
Tgt Ion: 96 Resp: 227550

Ion Ratio Lower Upper

96 100

61 144.8 100.0 185.8

98 64.2 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 51.387 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

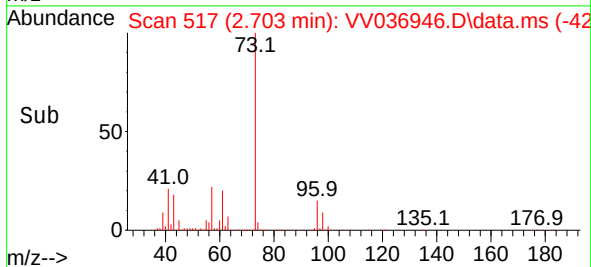
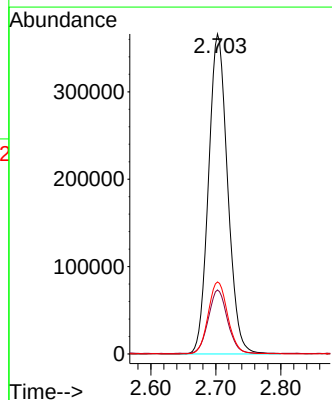
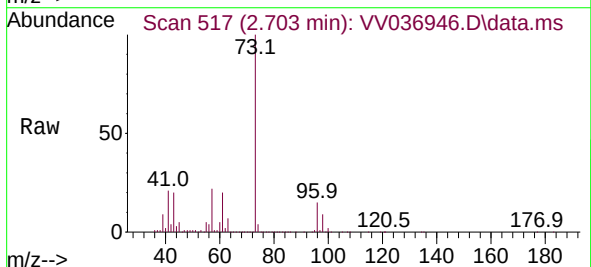
Tgt Ion: 73 Resp: 748819

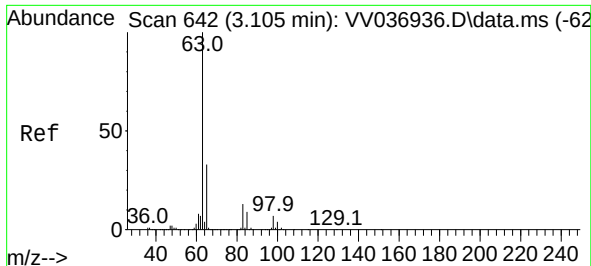
Ion Ratio Lower Upper

73 100

43 19.9 16.1 24.1

57 22.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 56.021 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

ClientSampleId :

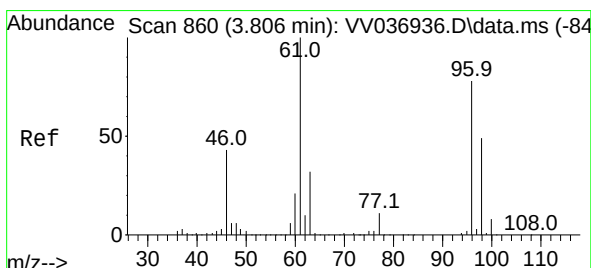
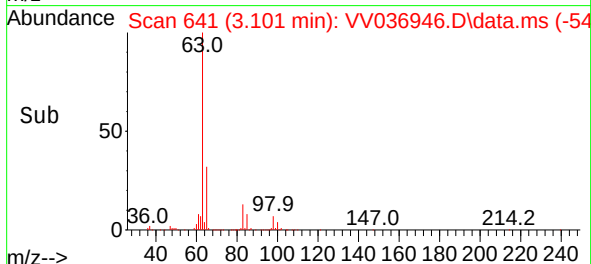
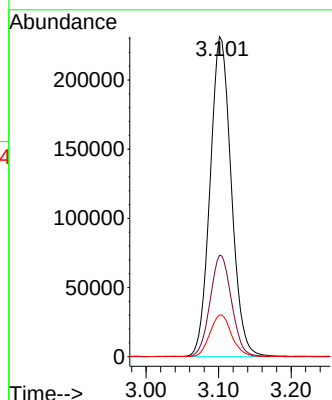
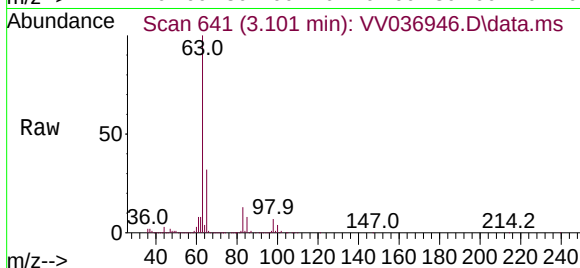
Tgt Ion: 63 Resp: 468296

Ion Ratio Lower Upper

63 100

65 31.7 23.2 43.0

83 13.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 54.412 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

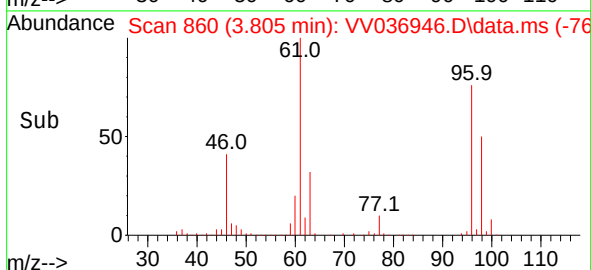
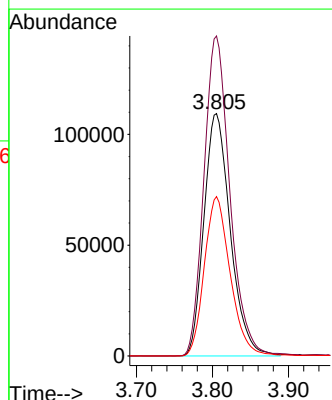
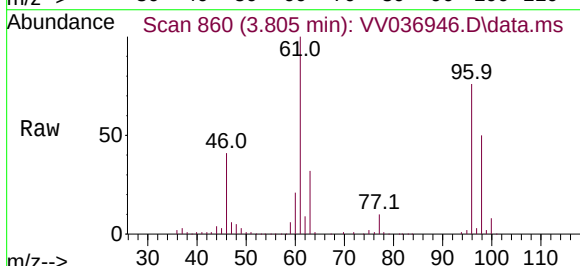
Tgt Ion: 96 Resp: 264241

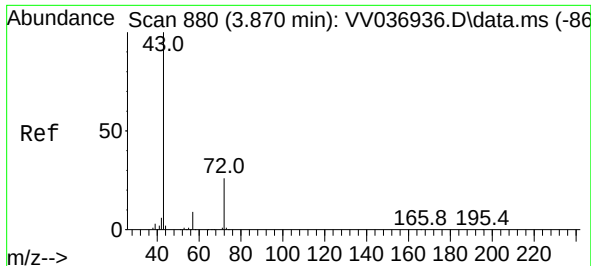
Ion Ratio Lower Upper

96 100

61 132.0 93.9 174.5

98 65.7 46.0 85.4

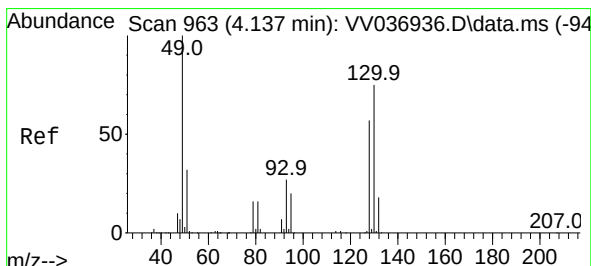
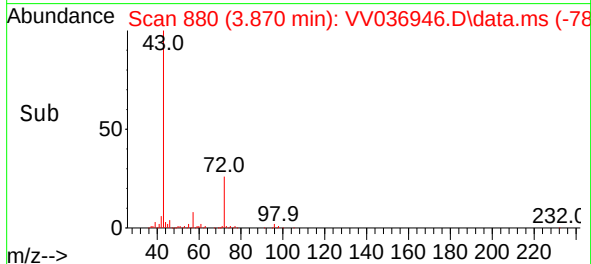
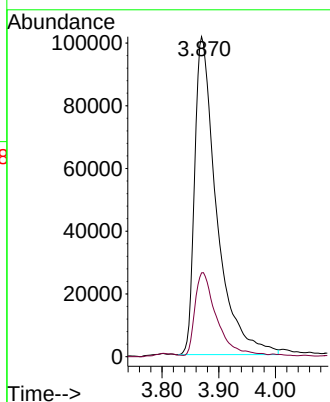
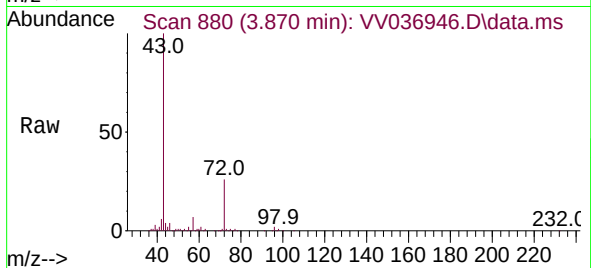




#22
2-Butanone
Concen: 91.112 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

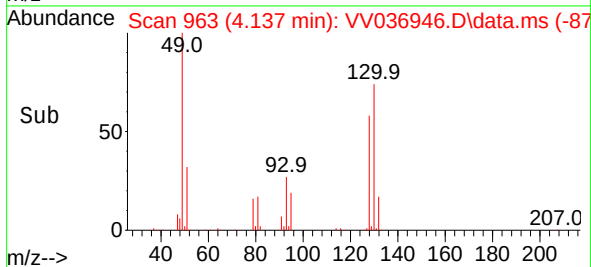
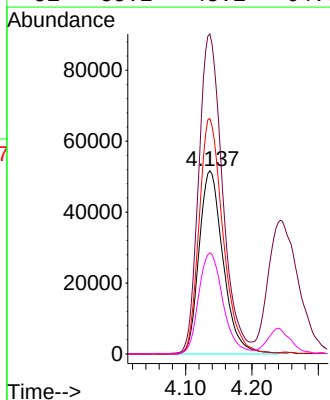
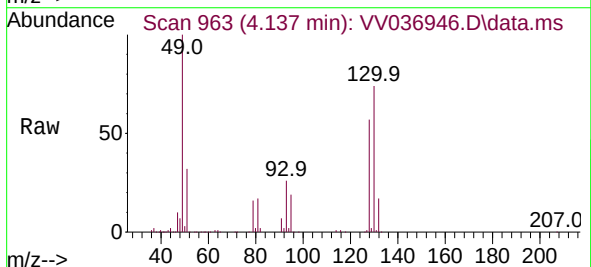
Instrument :
MSVOA_V
ClientSampleId :

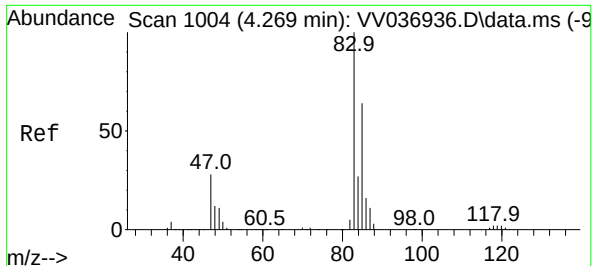
Tgt Ion: 43 Resp: 273275
Ion Ratio Lower Upper
43 100
72 24.6 12.5 37.5



#23
Bromochloromethane
Concen: 54.999 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:128 Resp: 129742
Ion Ratio Lower Upper
128 100
49 174.6 120.0 223.0
130 128.4 87.0 161.6
51 55.2 43.1 64.7





#25

Chloroform

Concen: 55.573 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

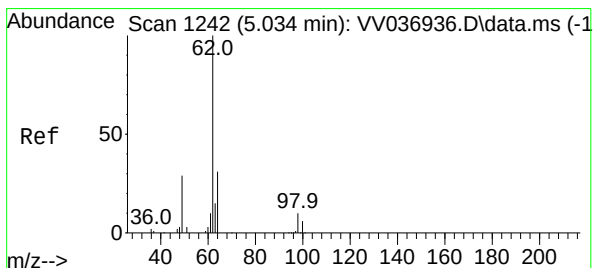
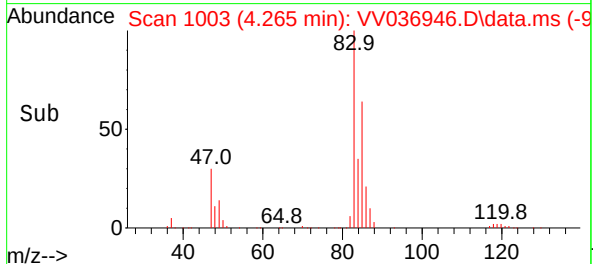
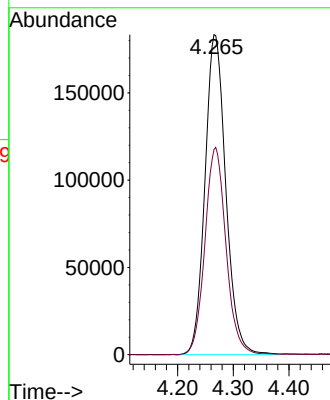
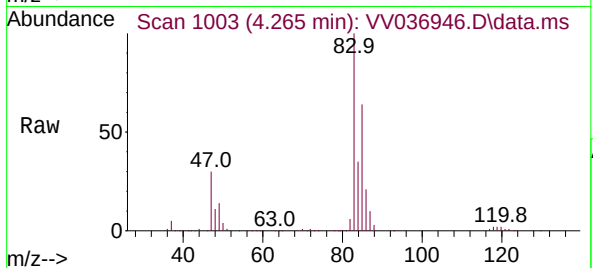
ClientSampleId :

Tgt Ion: 83 Resp: 477134

Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4



#27

1,2-Dichloroethane

Concen: 52.923 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV036946.D

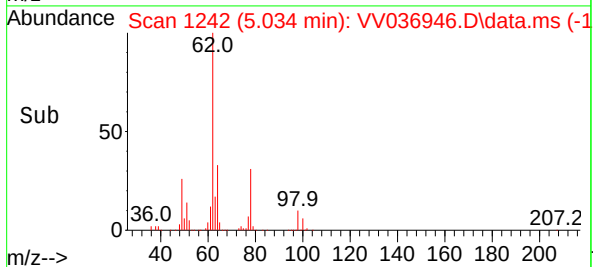
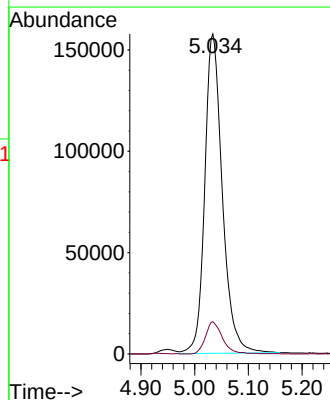
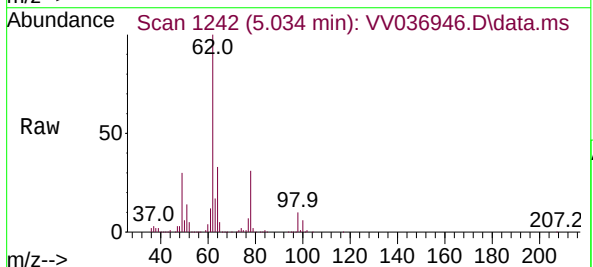
Acq: 16 Aug 2024 08:29

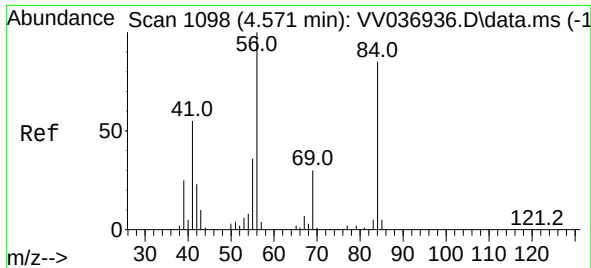
Tgt Ion: 62 Resp: 358418

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 50.742 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

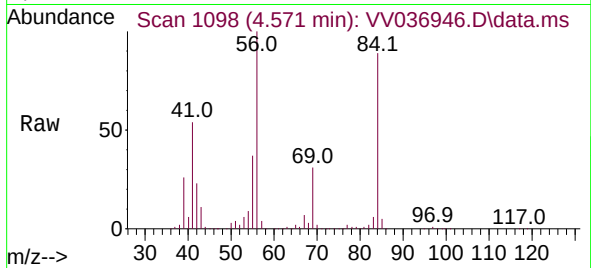
Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

ClientSampleId :



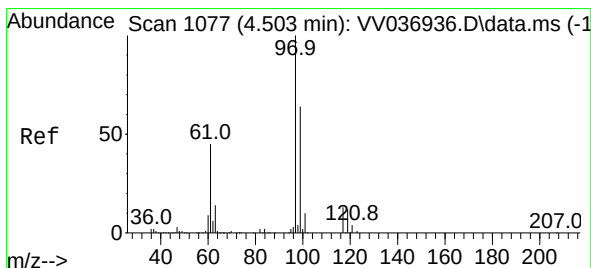
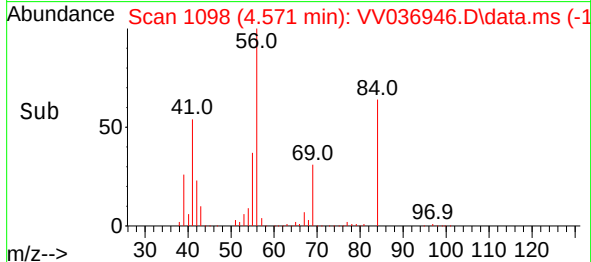
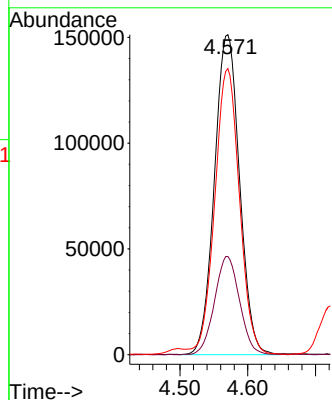
Tgt Ion: 56 Resp: 389910

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 87.6 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 52.315 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

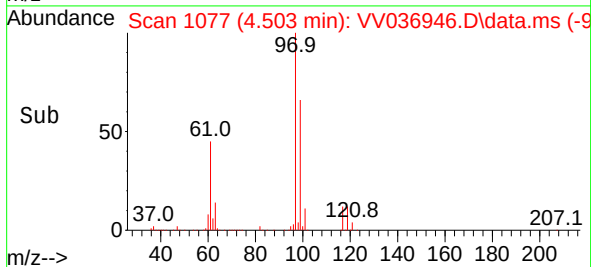
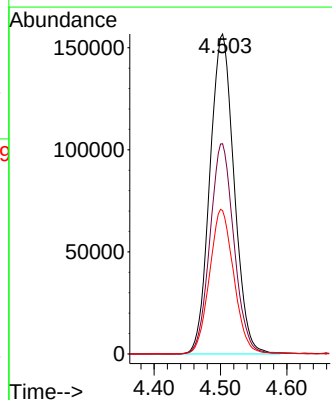
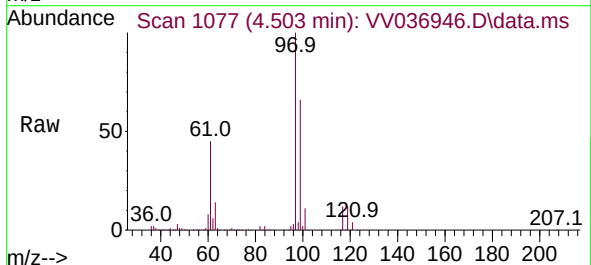
Tgt Ion: 97 Resp: 397501

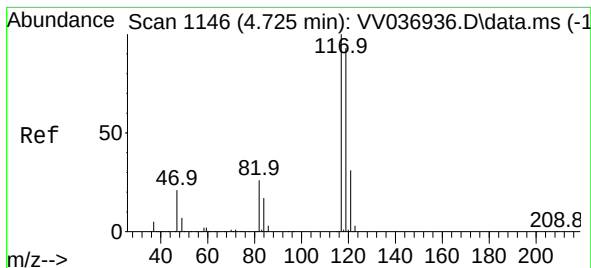
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 45.3 36.0 54.0





#31

Carbon tetrachloride

Concen: 52.277 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

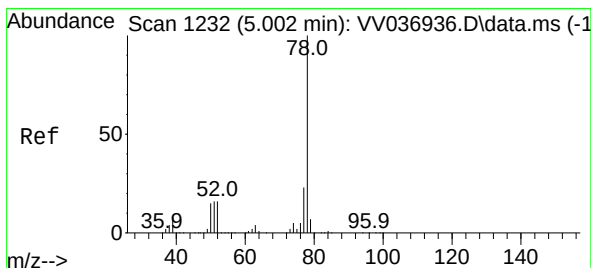
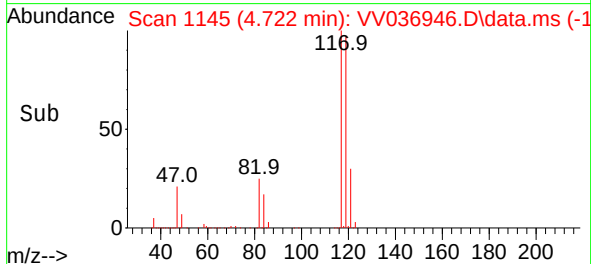
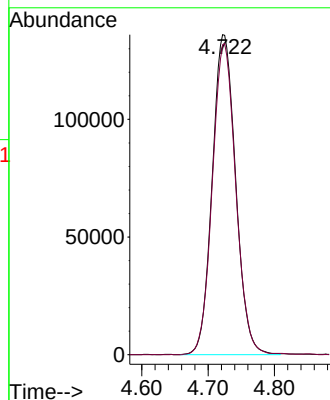
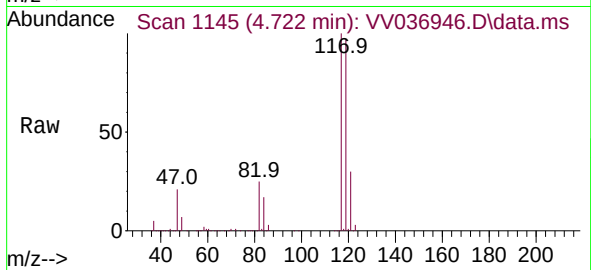
ClientSampleId :

Tgt Ion:117 Resp: 333592

Ion Ratio Lower Upper

117 100

119 97.1 76.1 114.1



#33

Benzene

Concen: 54.790 ug/L

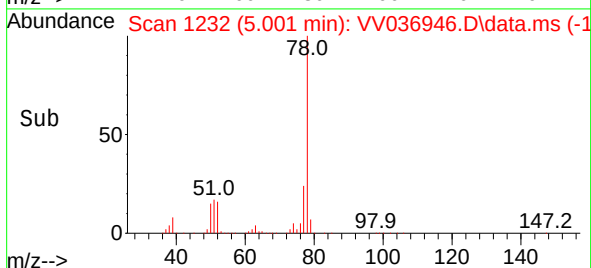
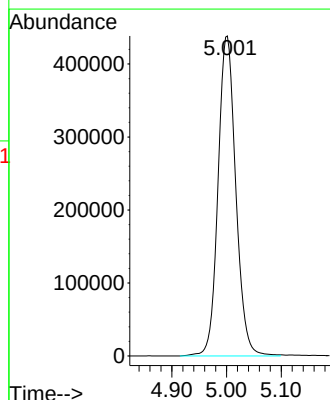
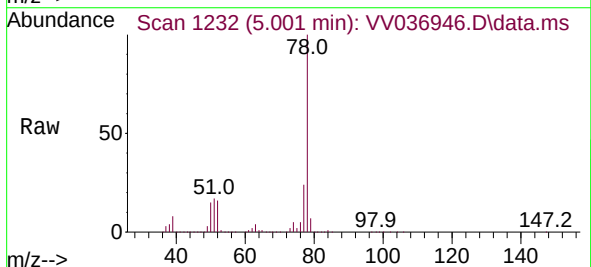
RT: 5.001 min Scan# 1232

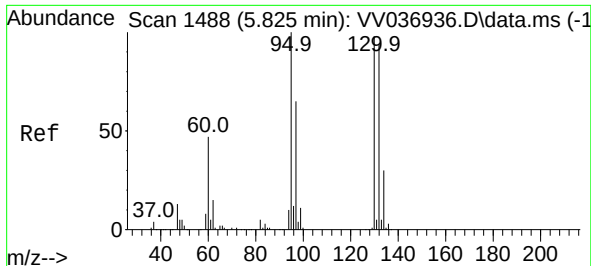
Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

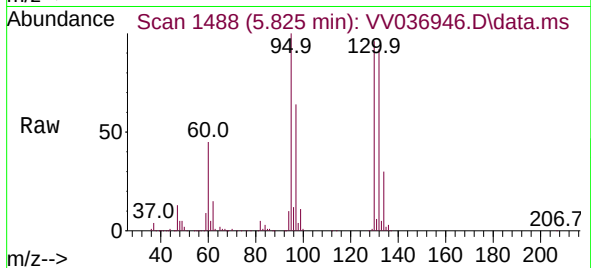
Tgt Ion: 78 Resp: 988336



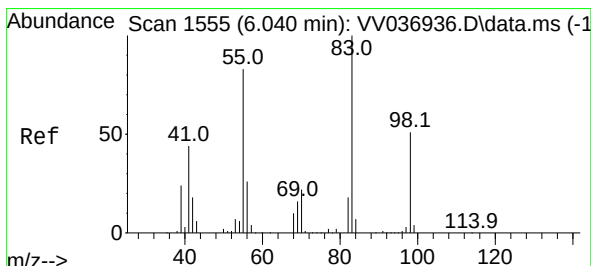
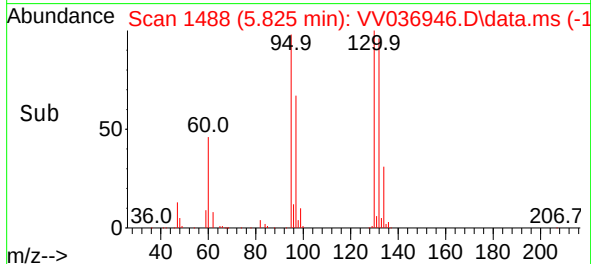
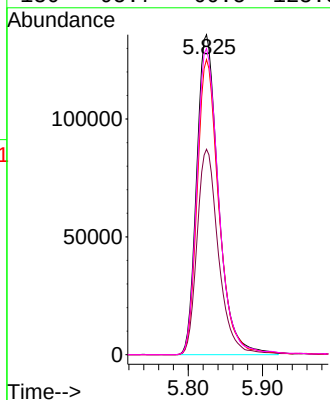


#34
Trichloroethene
Concen: 52.956 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Instrument :
MSVOA_V
ClientSampleId :

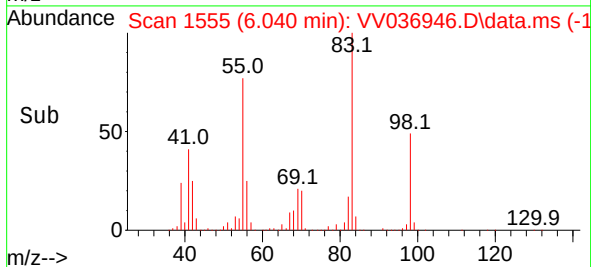
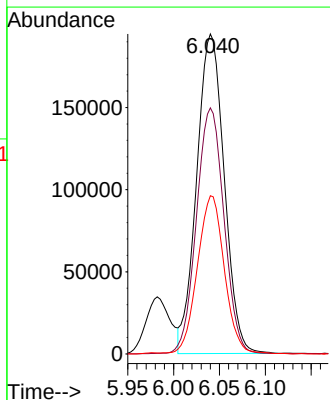
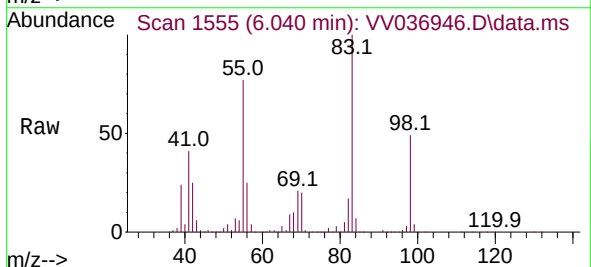


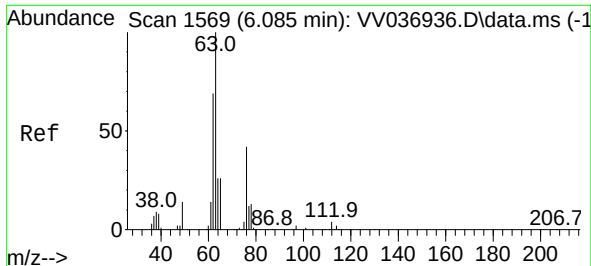
Tgt Ion: 95 Resp: 276850
Ion Ratio Lower Upper
95 100
97 64.2 44.7 82.9
132 92.2 62.9 116.9
130 95.7 66.5 123.5



#35
Methylcyclohexane
Concen: 50.719 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion: 83 Resp: 406874
Ion Ratio Lower Upper
83 100
55 76.9 62.3 93.5
98 48.6 38.7 58.1

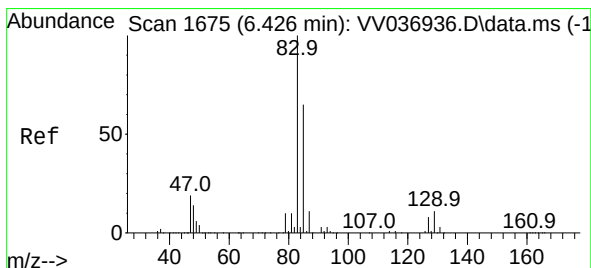
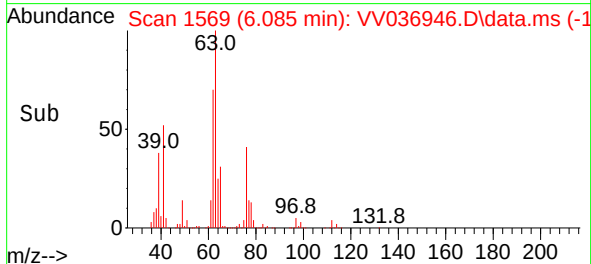
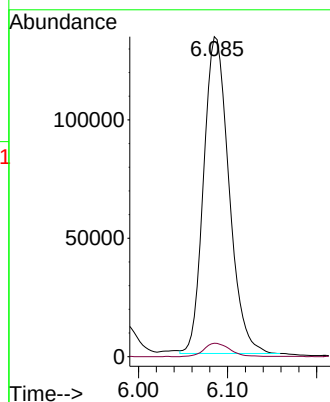
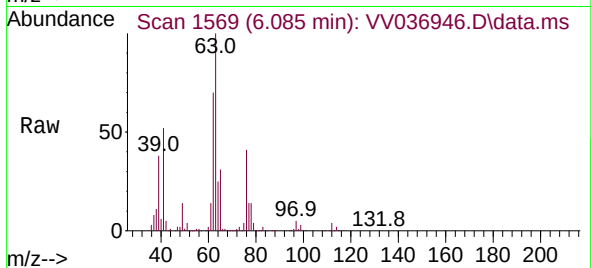




#37
1,2-Dichloropropane
Concen: 55.302 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

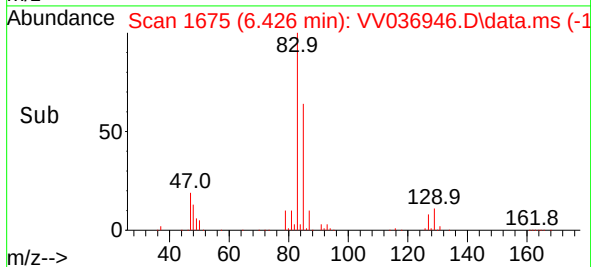
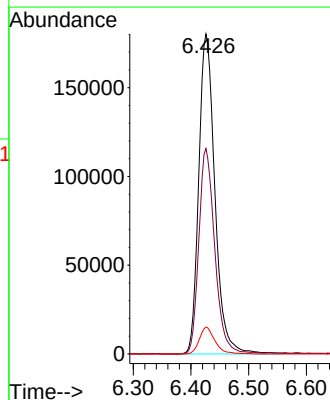
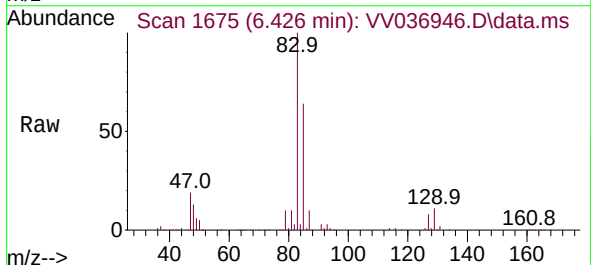
Instrument :
MSVOA_V
ClientSampleId :

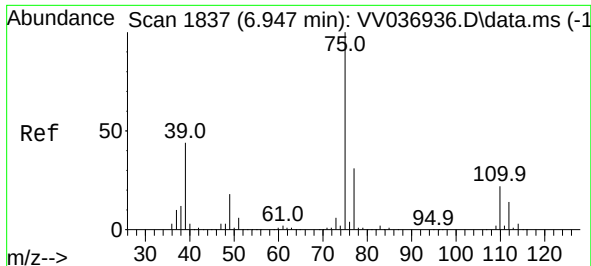
Tgt Ion: 63 Resp: 264264
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 53.223 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion: 83 Resp: 350231
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 52.158 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

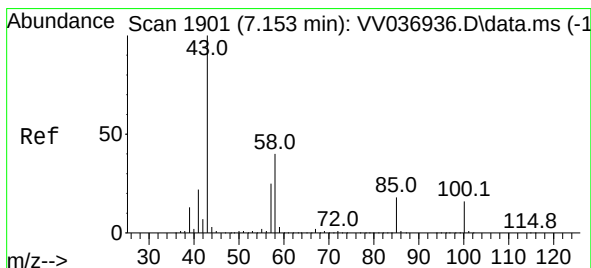
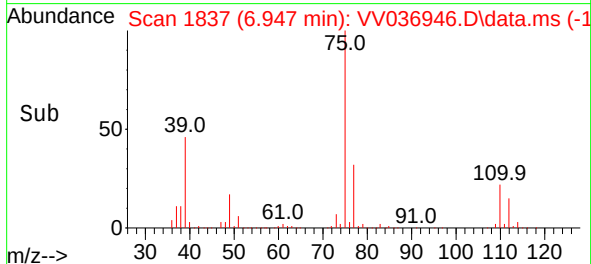
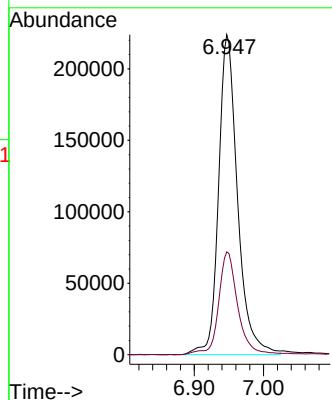
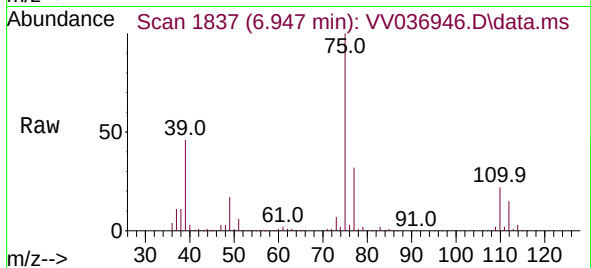
ClientSampleId :

Tgt Ion: 75 Resp: 426858

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 89.538 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

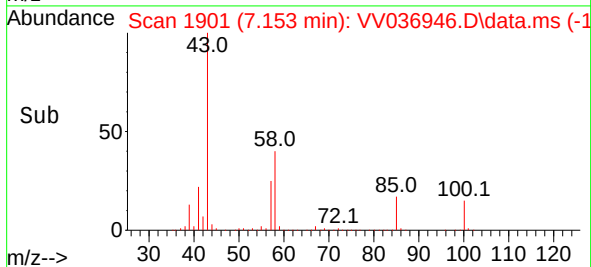
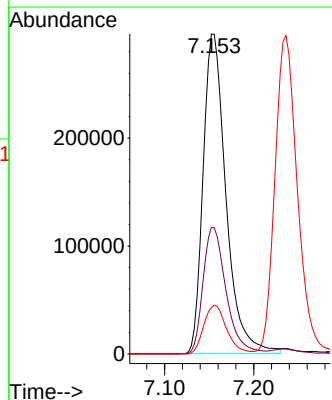
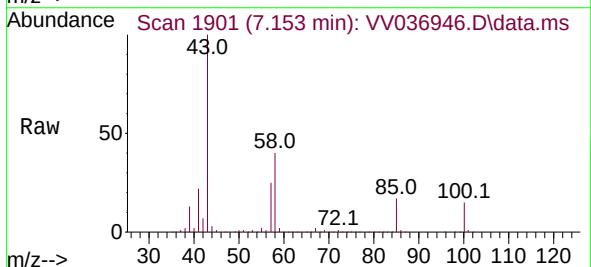
Tgt Ion: 43 Resp: 530021

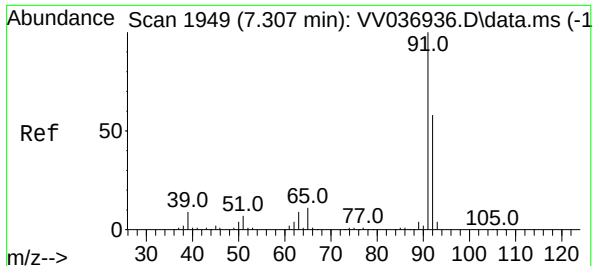
Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9

100 15.3 12.6 18.8





#42

Toluene

Concen: 54.051 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

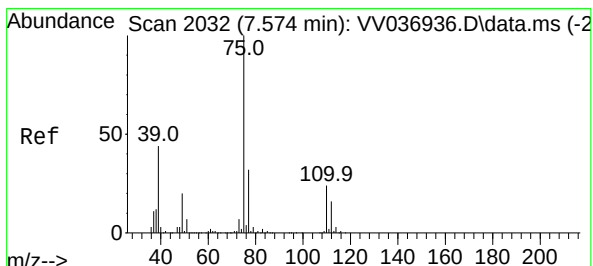
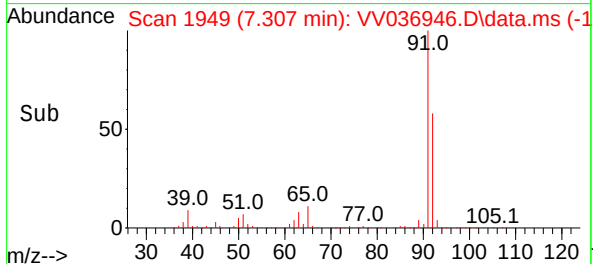
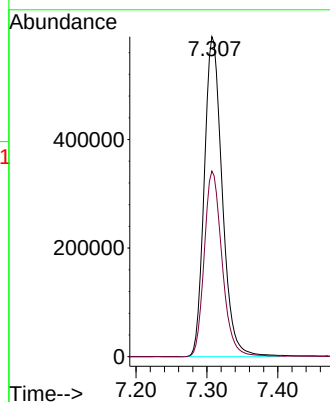
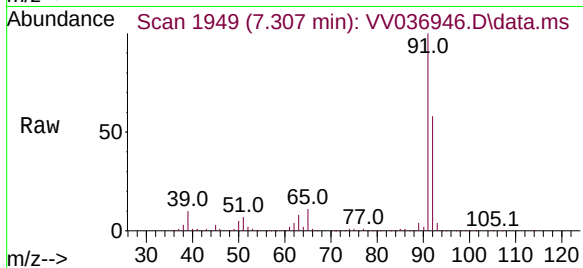
ClientSampleId :

Tgt Ion: 91 Resp: 1038519

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.153 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV036946.D

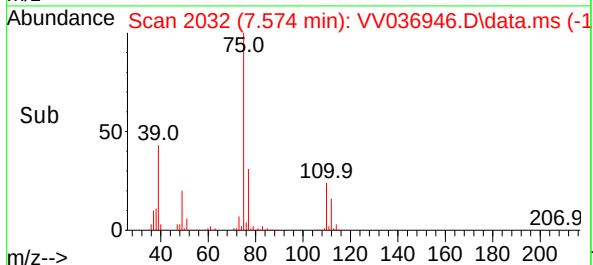
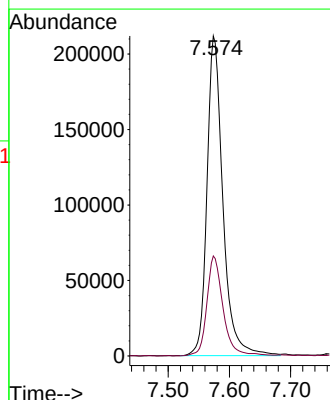
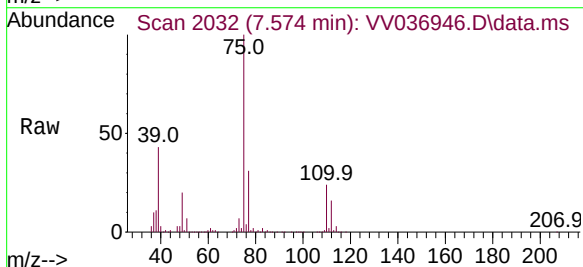
Acq: 16 Aug 2024 08:29

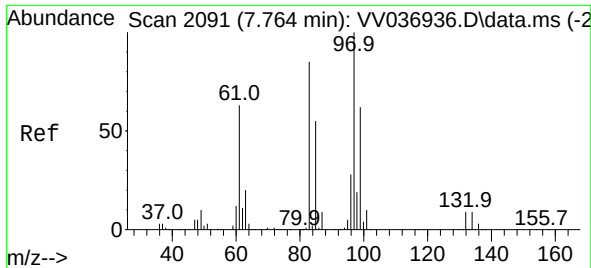
Tgt Ion: 75 Resp: 382477

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



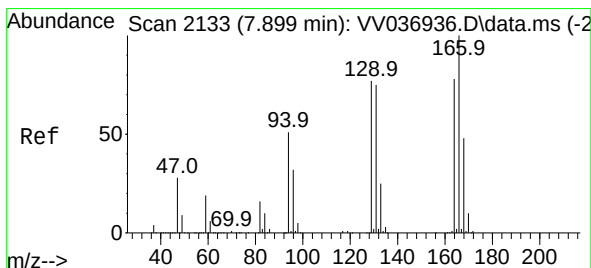
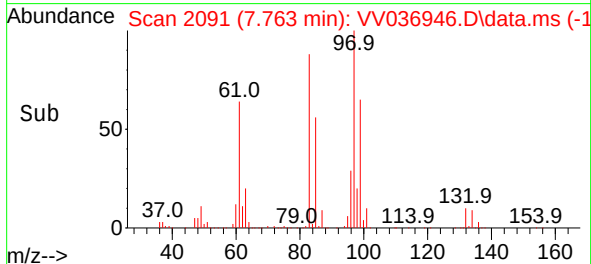
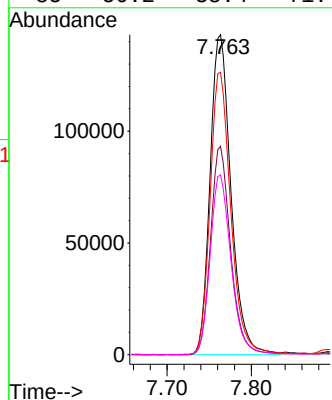
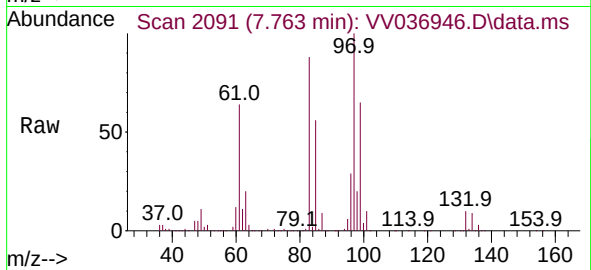


#45
1,1,2-Trichloroethane
Concen: 53.481 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 247495

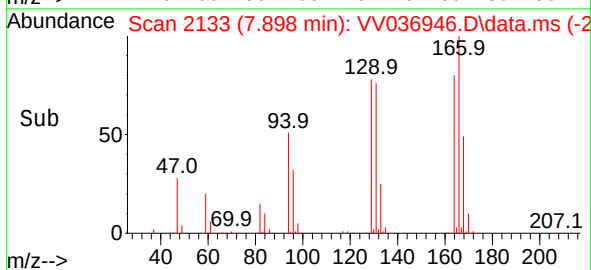
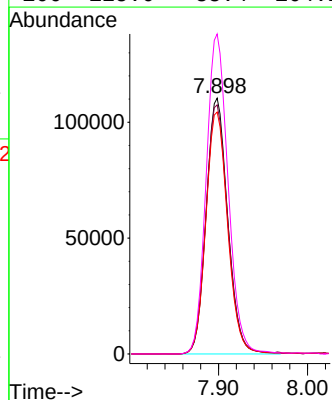
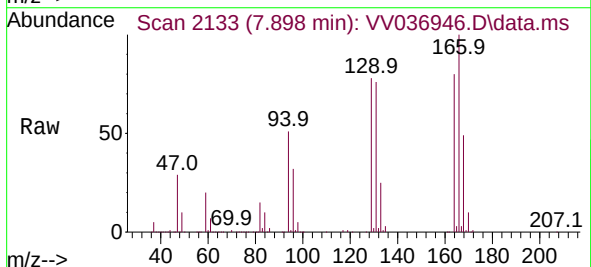
Ion	Ratio	Lower	Upper
97	100		
99	65.1	44.0	81.6
83	88.2	60.1	111.5
85	56.2	38.4	71.4

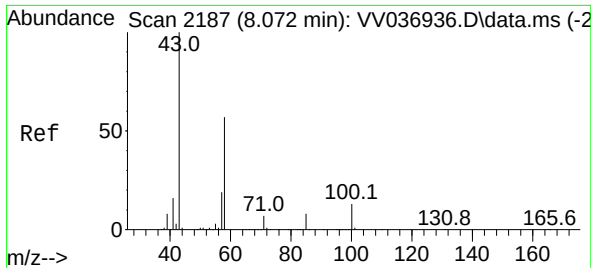


#46
Tetrachloroethene
Concen: 54.020 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion: 164 Resp: 185243

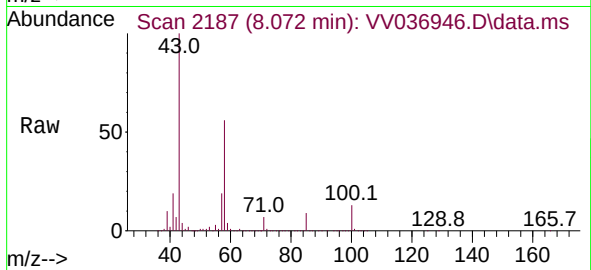
Ion	Ratio	Lower	Upper
164	100		
129	97.4	70.4	130.8
131	94.5	67.7	125.7
166	125.0	88.4	164.2



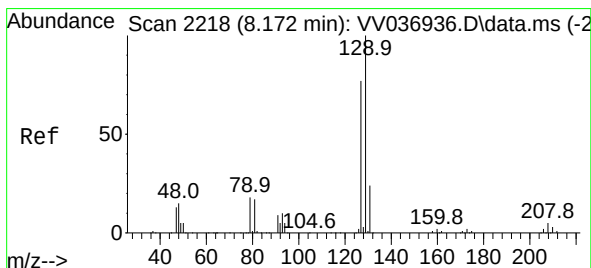
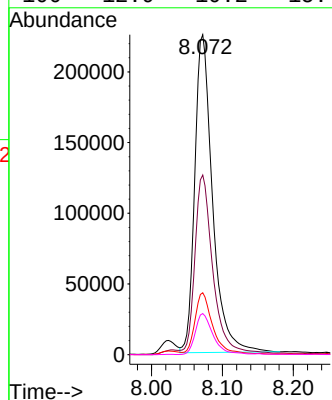
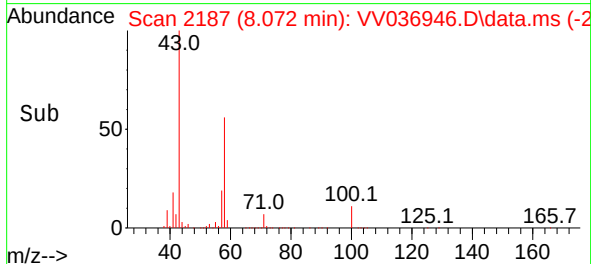


#48
2-Hexanone
Concen: 90.269 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Instrument :
MSVOA_V
ClientSampleId :

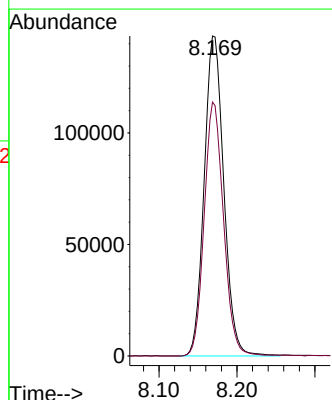
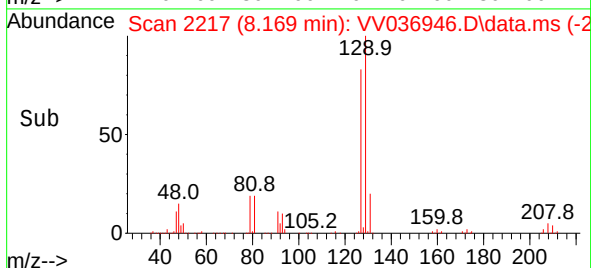
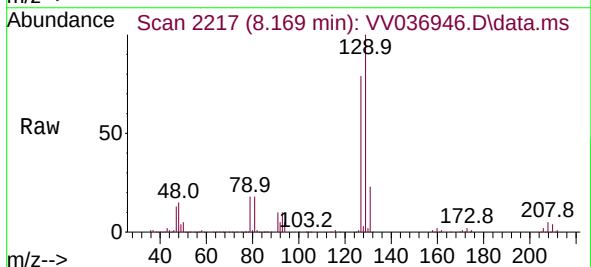


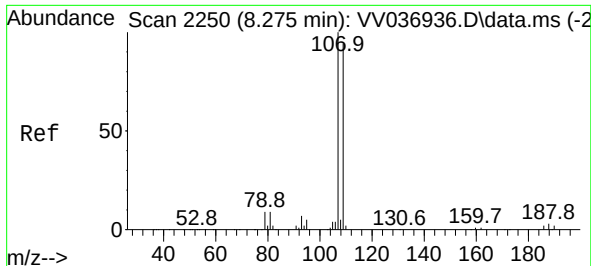
Tgt Ion: 43 Resp: 393108
Ion Ratio Lower Upper
43 100
58 56.4 44.7 67.1
57 18.5 15.0 22.4
100 12.9 10.2 15.4



#49
Dibromochloromethane
Concen: 52.807 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

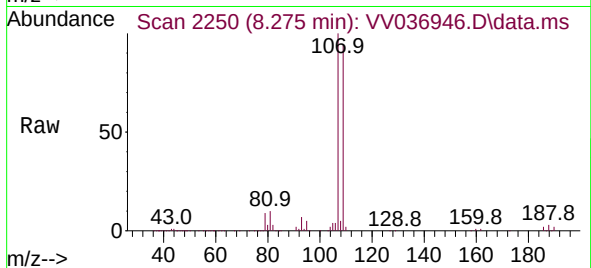
Tgt Ion: 129 Resp: 251125
Ion Ratio Lower Upper
129 100
127 79.4 55.4 102.8



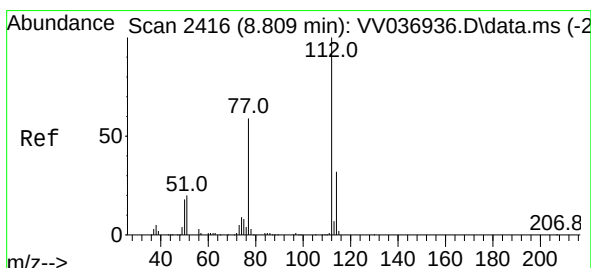
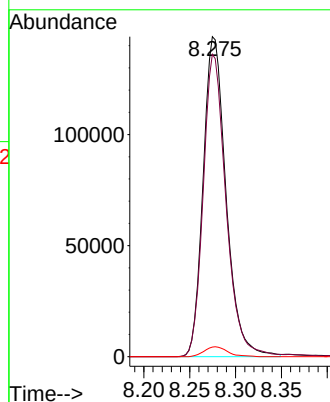
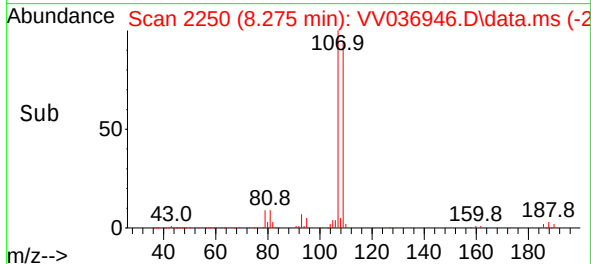


#50
1,2-Dibromoethane
Concen: 52.211 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

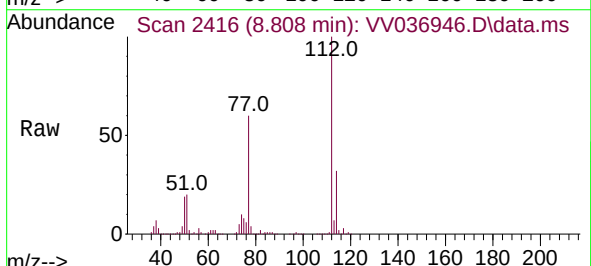
Instrument :
MSVOA_V
ClientSampleId :



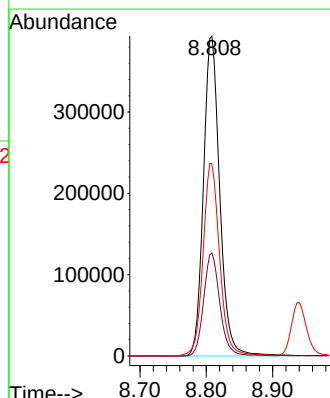
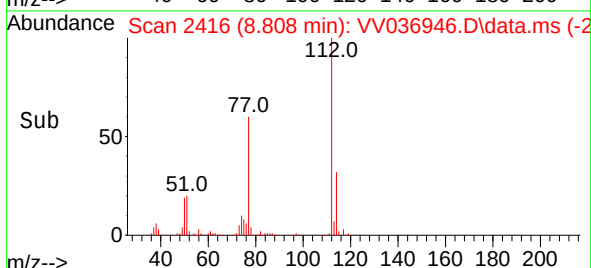
Tgt Ion:107 Resp: 250686
Ion Ratio Lower Upper
107 100
109 94.5 64.7 120.1
188 3.0 2.6 3.8

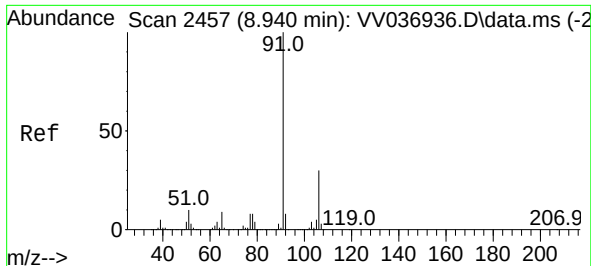


#51
Chlorobenzene
Concen: 54.407 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29



Tgt Ion:112 Resp: 670734
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 60.1 48.9 73.3

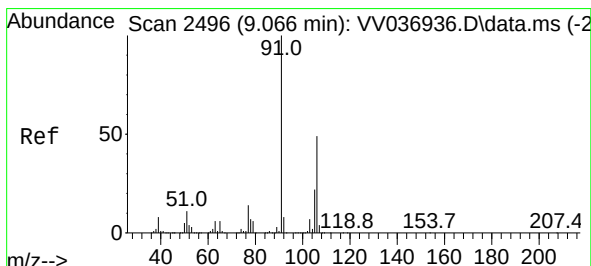
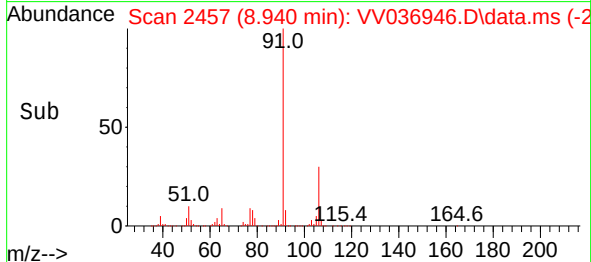
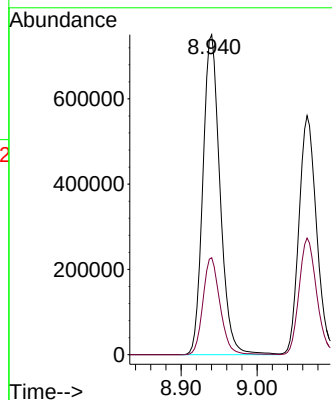
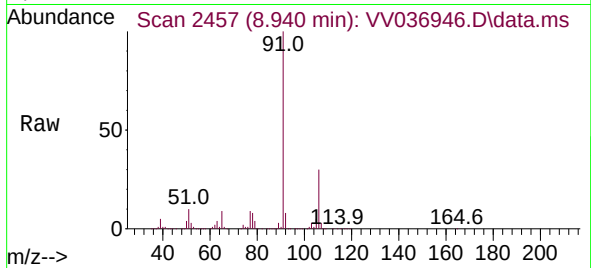




#52
Ethylbenzene
Concen: 53.608 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

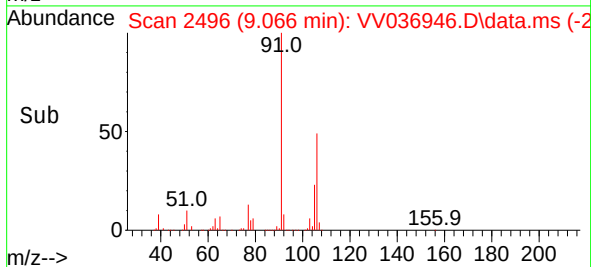
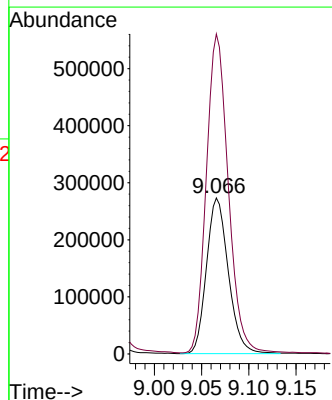
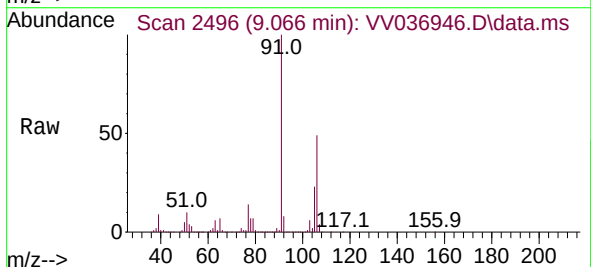
Instrument :
MSVOA_V
ClientSampleId :

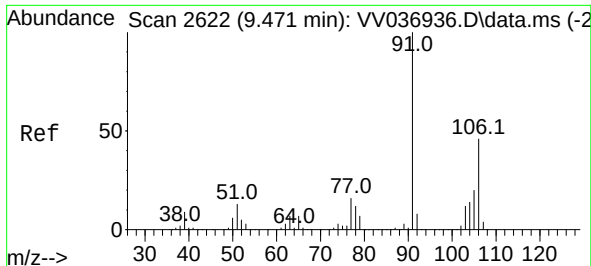
Tgt Ion: 91 Resp: 1176060
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 53.617 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:106 Resp: 439679
Ion Ratio Lower Upper
106 100
91 205.0 147.1 273.3

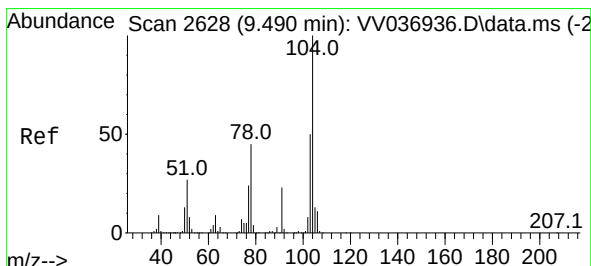
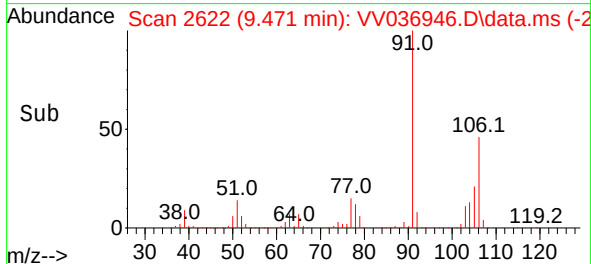
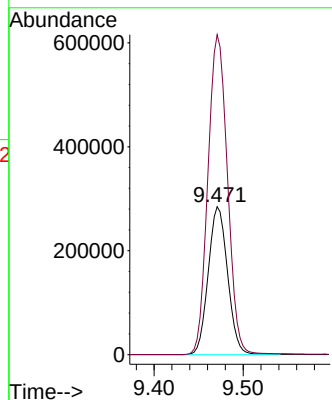
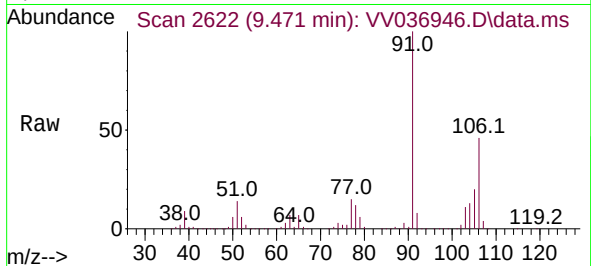




#54
o-Xylene
Concen: 53.584 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

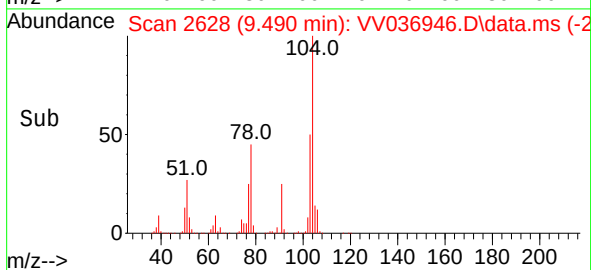
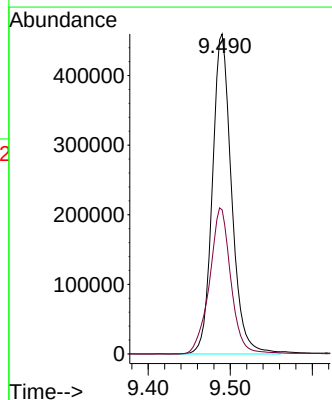
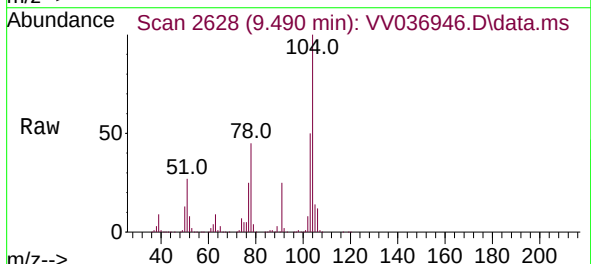
Instrument :
MSVOA_V
ClientSampleId :

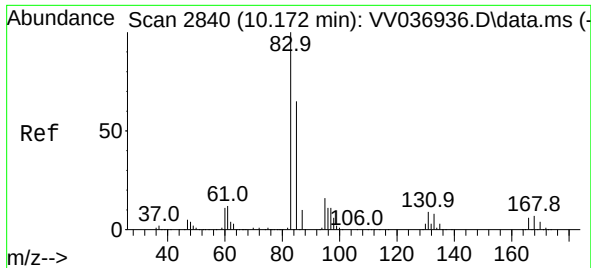
Tgt Ion:106 Resp: 429777
Ion Ratio Lower Upper
106 100
91 216.3 154.5 286.9



#55
Styrene
Concen: 54.554 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:104 Resp: 749839
Ion Ratio Lower Upper
104 100
78 45.1 32.1 59.7

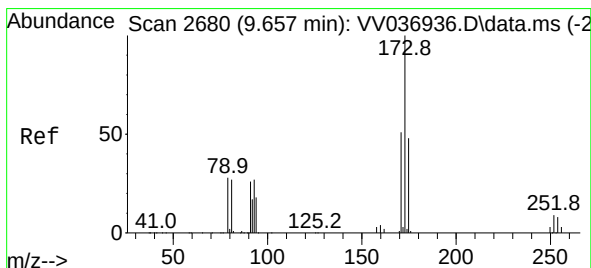
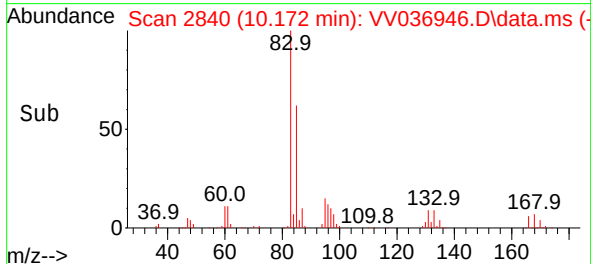
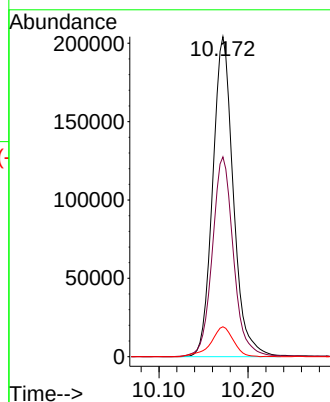
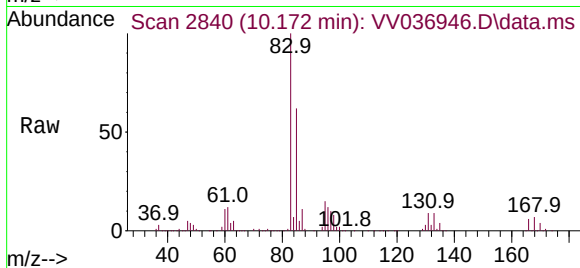




#57
1,1,2,2-Tetrachloroethane
Concen: 52.658 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

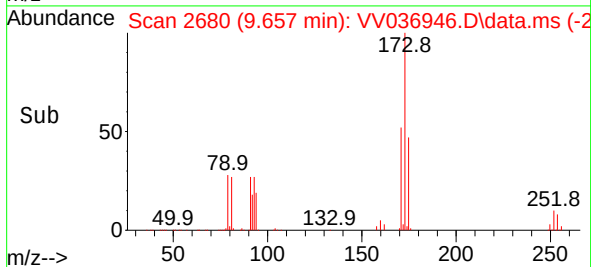
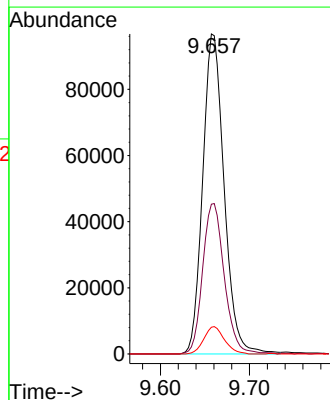
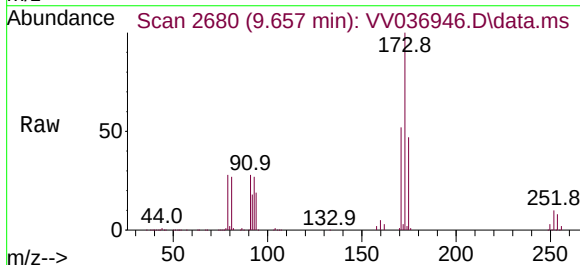
Instrument :
MSVOA_V
ClientSampleId :

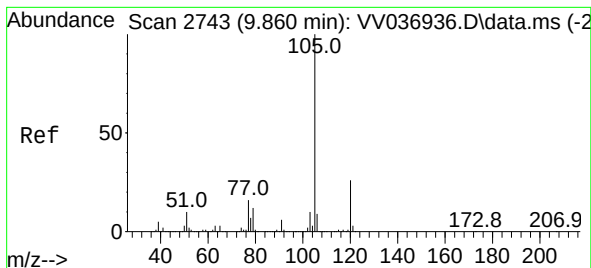
Tgt Ion: 83 Resp: 328810
Ion Ratio Lower Upper
83 100
85 62.4 44.7 83.1
131 9.4 7.2 10.8



#59
Bromoform
Concen: 46.591 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:173 Resp: 161483
Ion Ratio Lower Upper
173 100
175 47.3 39.8 59.8
254 8.2 6.8 10.2





#60

Isopropylbenzene

Concen: 51.568 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

ClientSampleId :

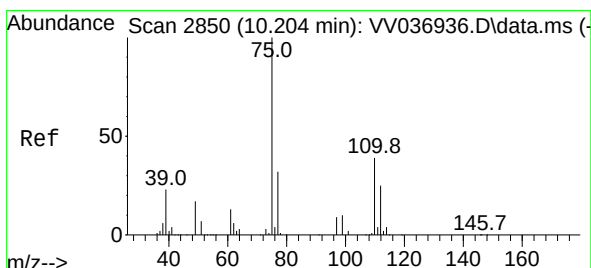
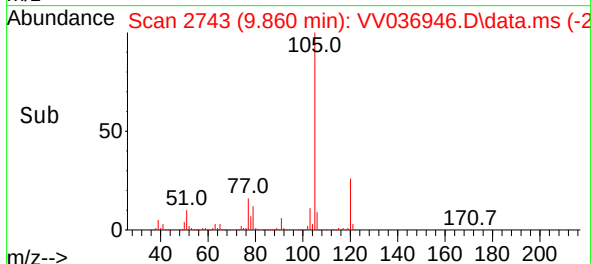
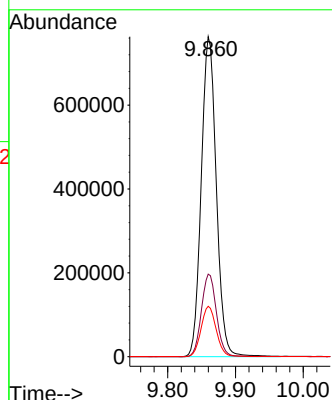
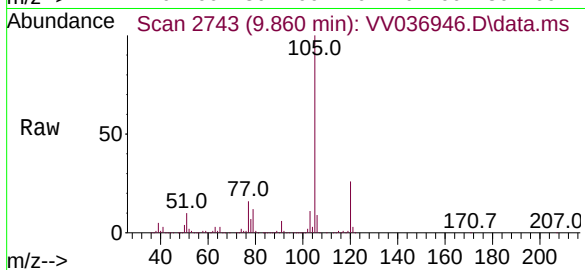
Tgt Ion:105 Resp: 1176223

Ion Ratio Lower Upper

105 100

120 25.7 20.3 30.5

77 15.8 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 47.139 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

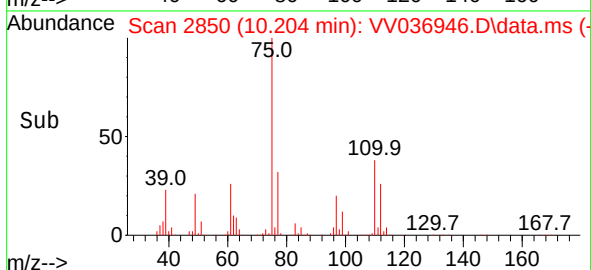
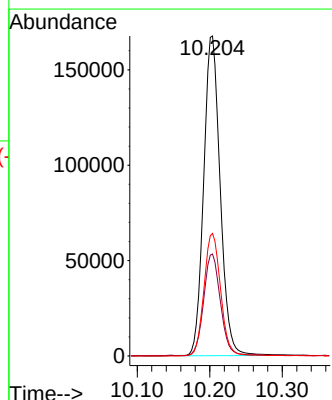
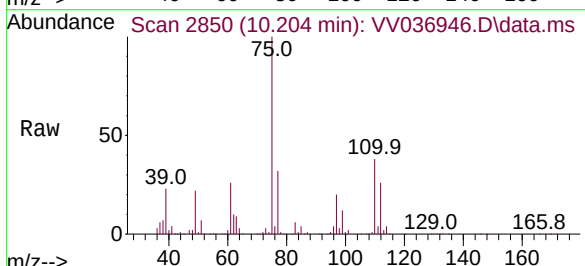
Tgt Ion: 75 Resp: 265861

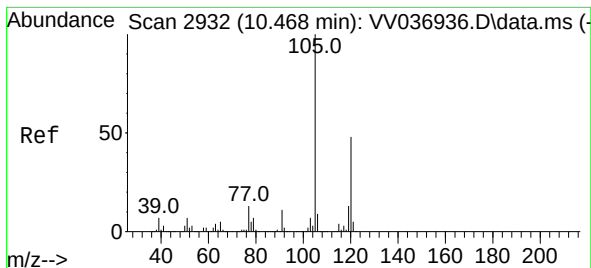
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 50.920 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

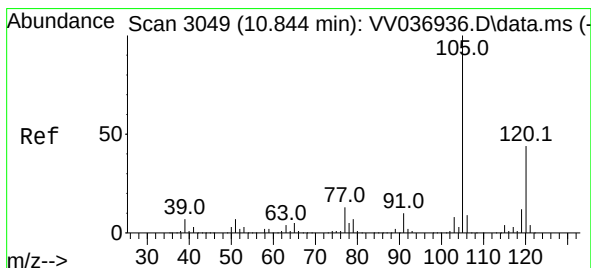
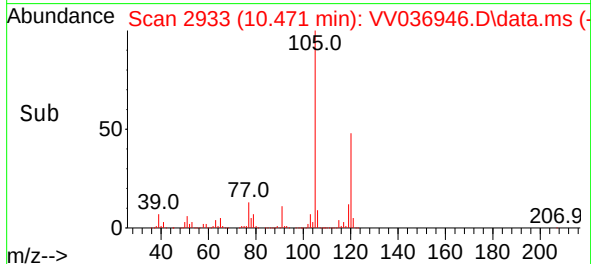
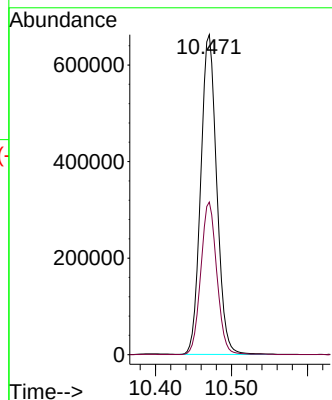
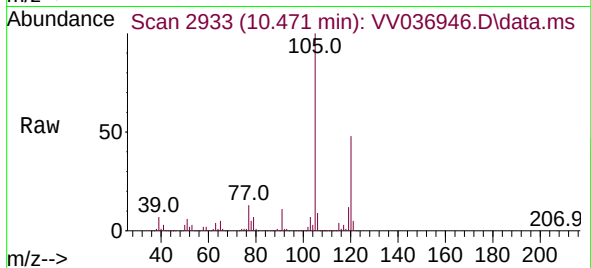
ClientSampleId :

Tgt Ion:105 Resp: 966940

Ion Ratio Lower Upper

105 100

120 47.6 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 50.759 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV036946.D

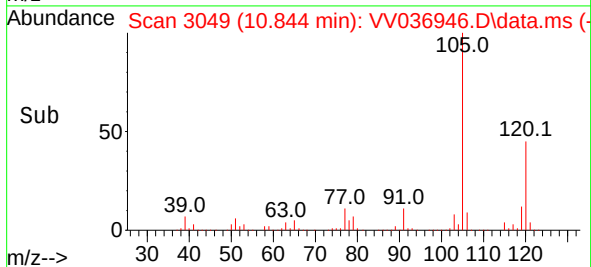
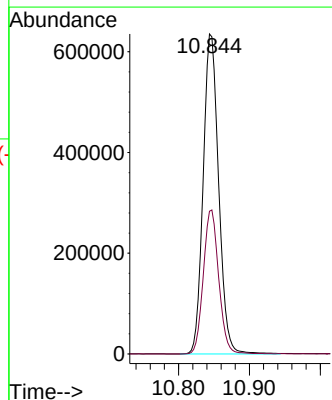
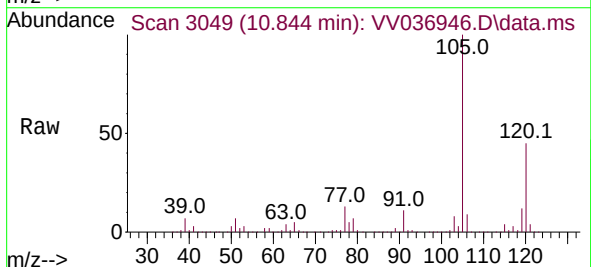
Acq: 16 Aug 2024 08:29

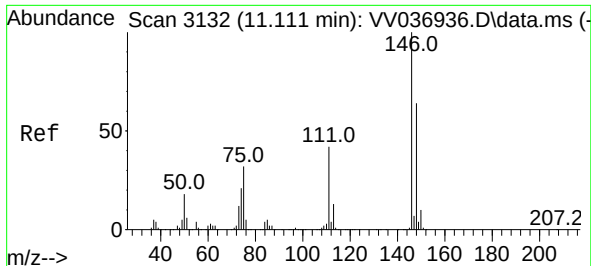
Tgt Ion:105 Resp: 964892

Ion Ratio Lower Upper

105 100

120 44.6 35.6 53.4

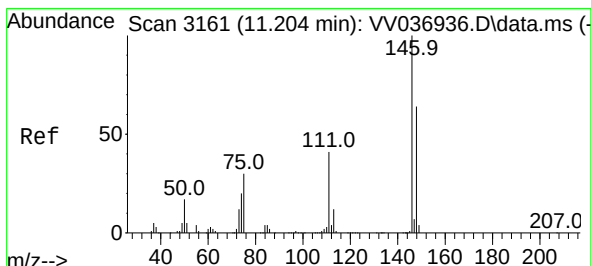
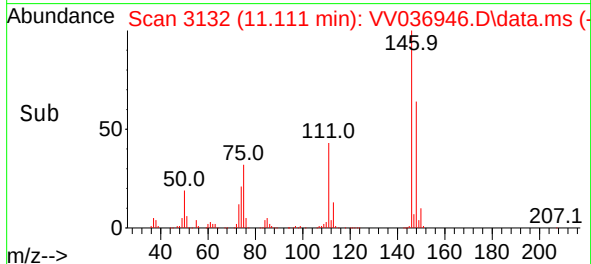
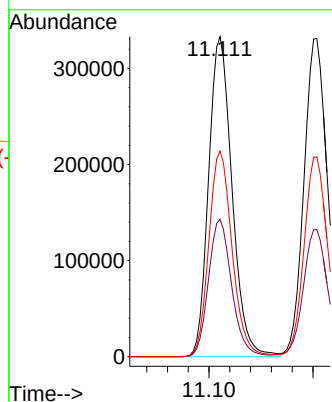
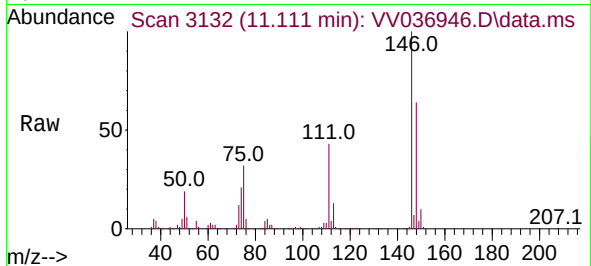




#64
1,3-Dichlorobenzene
Concen: 53.168 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

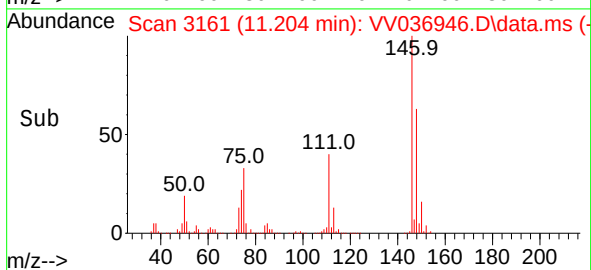
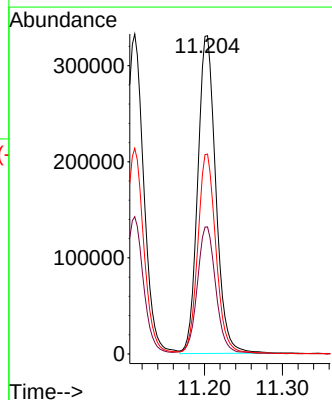
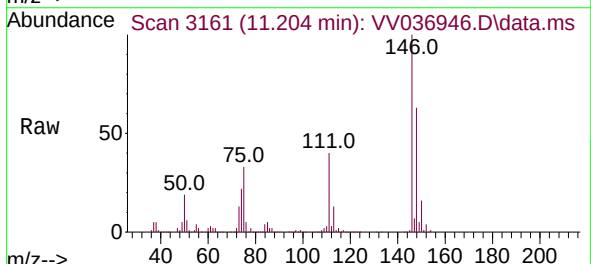
Instrument :
MSVOA_V
ClientSampleId :

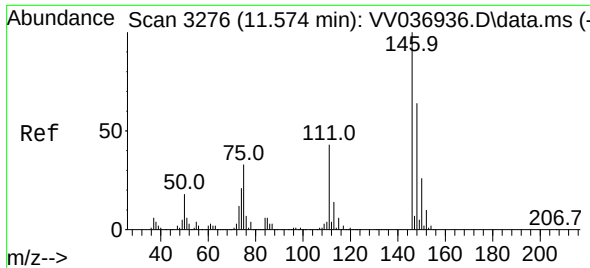
Tgt Ion:146 Resp: 521494
Ion Ratio Lower Upper
146 100
111 42.9 29.8 55.4
148 64.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 53.439 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

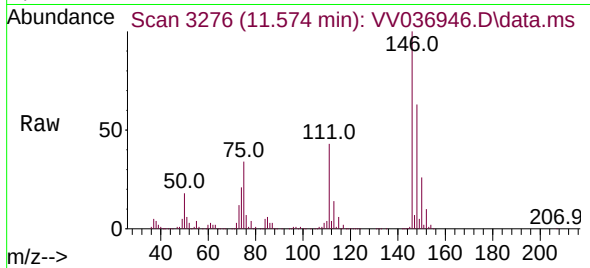
Tgt Ion:146 Resp: 533009
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.9
148 62.8 43.8 81.4



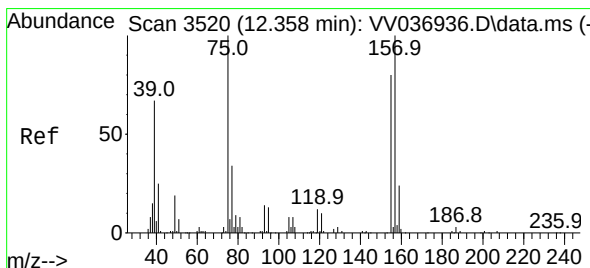
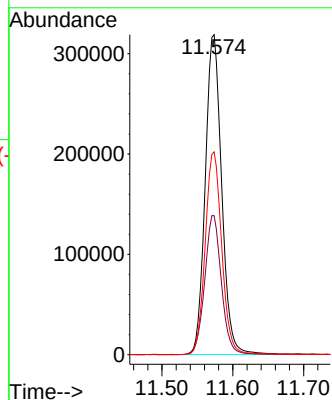
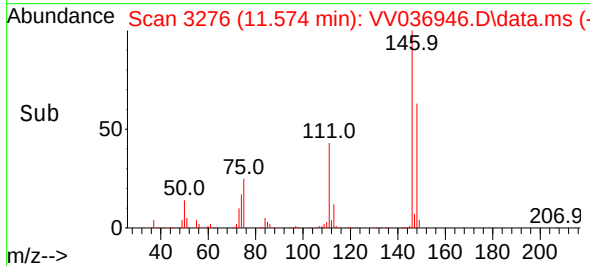


#67
1,2-Dichlorobenzene
Concen: 53.615 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

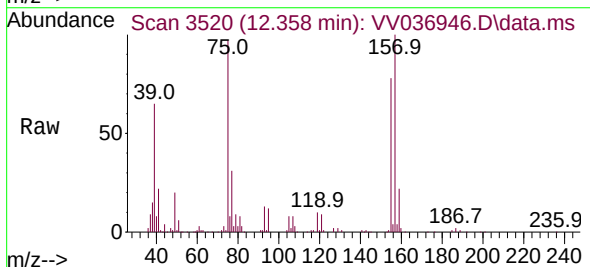
Instrument :
MSVOA_V
ClientSampleId :



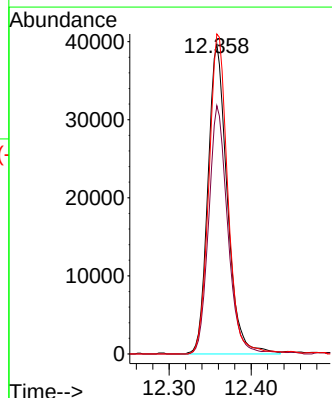
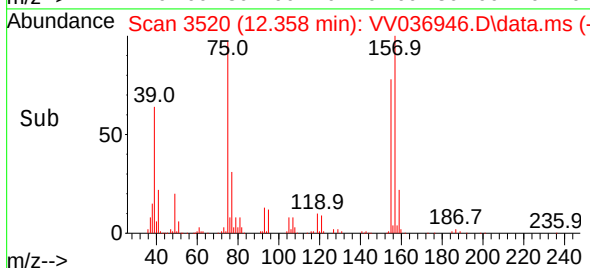
Tgt Ion:146 Resp: 513606
Ion Ratio Lower Upper
146 100
111 43.5 35.7 53.5
148 63.4 51.2 76.8

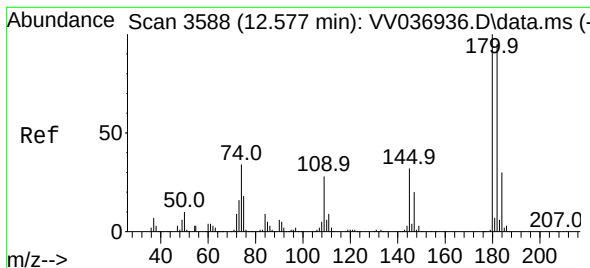


#68
1,2-Dibromo-3-chloropropane
Concen: 39.949 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29



Tgt Ion: 75 Resp: 65109
Ion Ratio Lower Upper
75 100
155 80.1 59.5 89.3
157 103.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 52.618 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

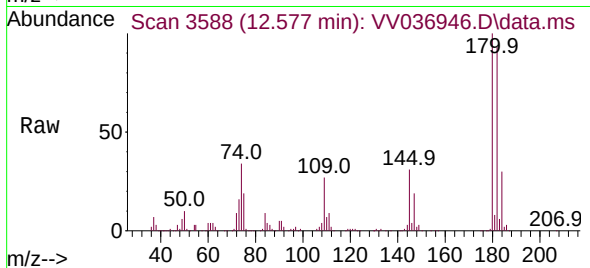
Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 366255

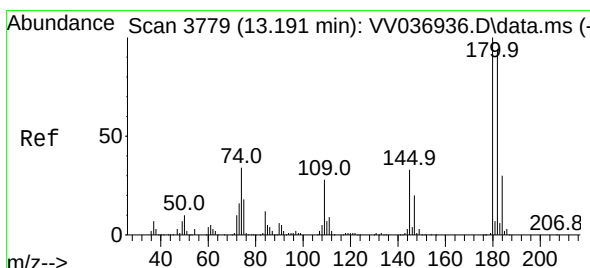
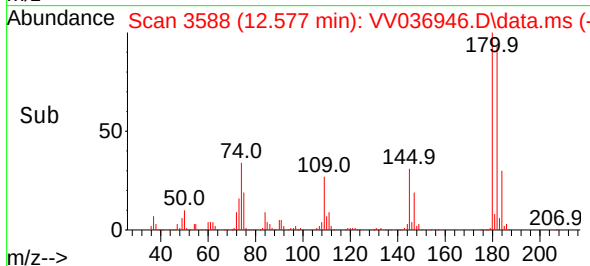
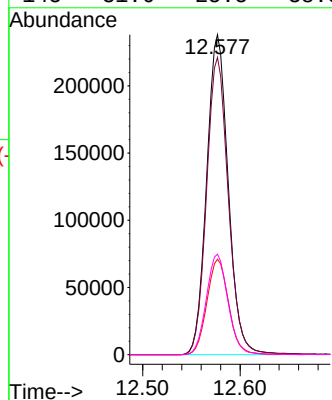
Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.6

184 30.0 23.7 35.5

145 31.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.180 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV036946.D

Acq: 16 Aug 2024 08:29

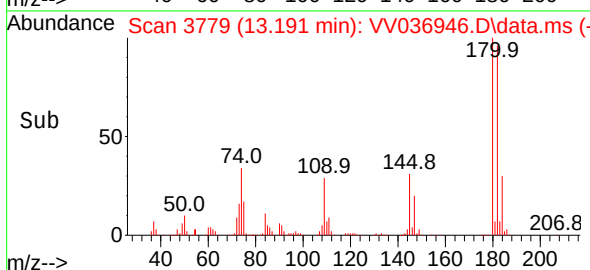
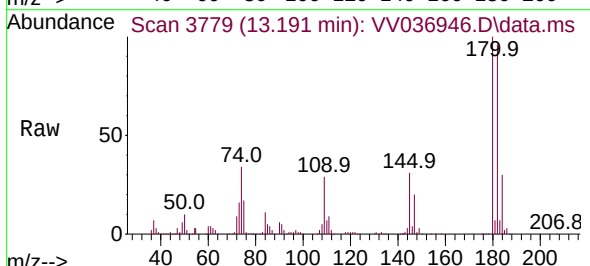
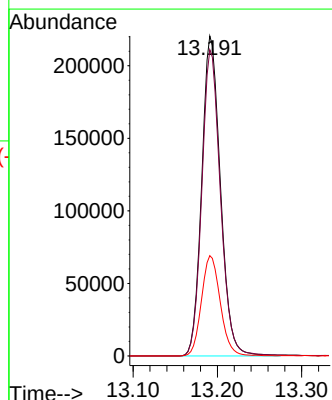
Tgt Ion:180 Resp: 341673

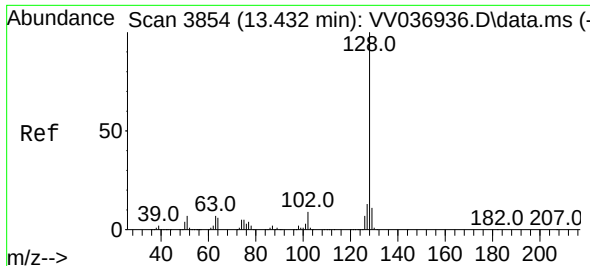
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

145 31.5 26.5 39.7

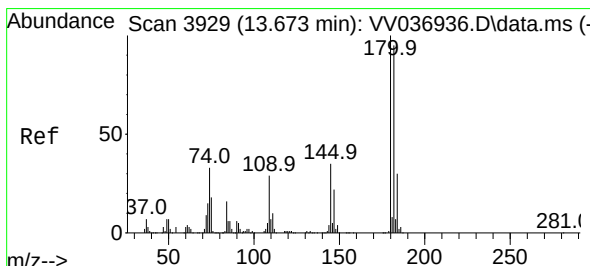
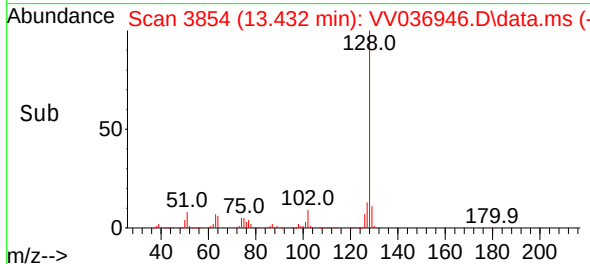
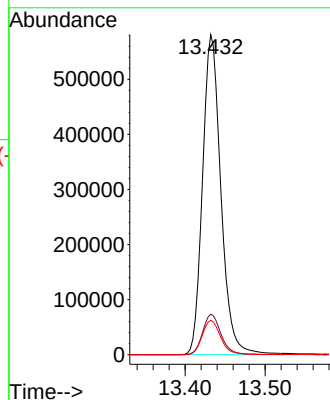
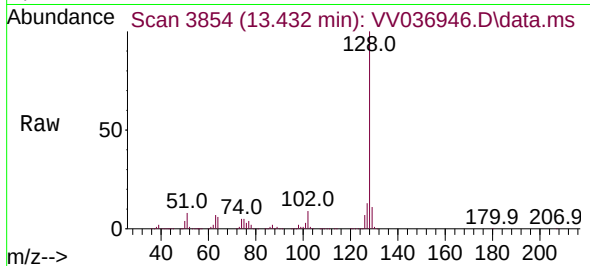




#71
Naphthalene
Concen: 43.391 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 928900
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.499 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV036946.D
Acq: 16 Aug 2024 08:29

Tgt Ion:180 Resp: 330001
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.2
145 34.0 27.8 41.6

