

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051624\
 Data File : VV035618.D
 Acq On : 16 May 2024 09:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	476027	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	481195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	263215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148770	40.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.060%
7) Chloroethane-d5	1.526	69	130002	48.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.120%
11) 1,1-Dichloroethene-d2	2.053	65	66441	42.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.340%
21) 2-Butanone-d5	3.783	46	215538	87.010	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.010%
24) Chloroform-d	4.240	84	329463	48.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	4.934	65	196219	49.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	4.953	84	612644	45.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.460%
36) 1,2-Dichloropropane-d6	5.982	67	199065	47.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	7.239	98	569501	46.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.548	79	89887	43.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.340%
47) 2-Hexanone-d5	8.021	63	160633	82.771	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.770%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	283626	44.075	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.140%
66) 1,2-Dichlorobenzene-d4	11.558	152	226561	43.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	163424	51.245	ug/L	100
3) Chloromethane	1.214	50	171936	49.767	ug/L	99
5) Vinyl chloride	1.282	62	186072	51.143	ug/L	99
6) Bromomethane	1.484	94	116731	50.462	ug/L	98
8) Chloroethane	1.542	64	126542	60.492	ug/L	99
9) Trichlorofluoromethane	1.709	101	262266	53.582	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	171222	55.189	ug/L	99
12) 1,1-Dichloroethene	2.066	96	144653	52.197	ug/L	82
13) Acetone	2.114	43	309345	134.891	ug/L	99
14) Carbon disulfide	2.236	76	350083	48.087	ug/L	99
15) Methyl Acetate	2.368	43	183081	49.214	ug/L	99
16) Methylene chloride	2.442	84	183182	52.167	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	152419	52.034	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	534079	51.844	ug/L	99
19) 1,1-Dichloroethane	3.105	63	330876	53.794	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	178231	51.159	ug/L	98
22) 2-Butanone	3.860	43	295858	108.979	ug/L	100
23) Bromochloromethane	4.140	128	99174	52.050	ug/L	98
25) Chloroform	4.269	83	350530	55.213	ug/L	98

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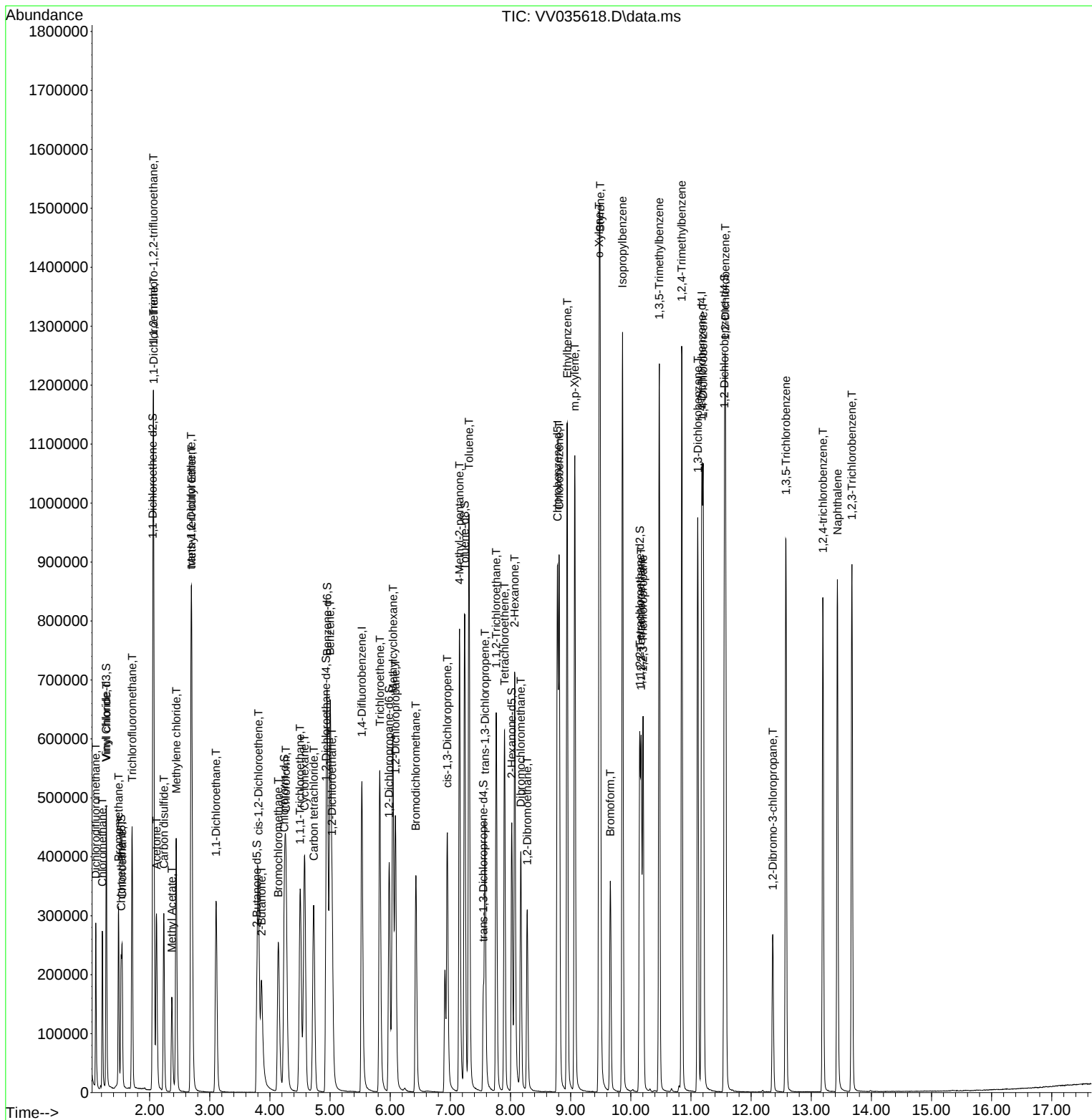
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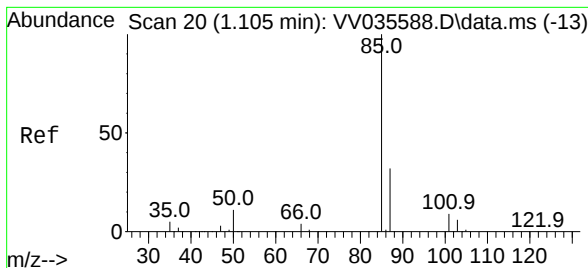
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 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	253304	55.751	ug/L	99
29) Cyclohexane	4.577	56	212650	49.496	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	289629	52.593	ug/L	100
31) Carbon tetrachloride	4.728	117	253498	53.238	ug/L	99
33) Benzene	5.002	78	691408	53.209	ug/L	100
34) Trichloroethene	5.828	95	199325	57.643	ug/L	99
35) Methylcyclohexane	6.047	83	251772	51.612	ug/L	98
37) 1,2-Dichloropropane	6.088	63	197978	55.454	ug/L	99
38) Bromodichloromethane	6.426	83	261739	53.289	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	284431	50.751	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	491439	103.122	ug/L	98
42) Toluene	7.310	91	742556	54.471	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	279630	52.528	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	205476	53.814	ug/L	99
46) Tetrachloroethene	7.902	164	144083	51.589	ug/L	99
48) 2-Hexanone	8.069	43	424543	109.488	ug/L	99
49) Dibromochloromethane	8.172	129	208060	52.056	ug/L	100
50) 1,2-Dibromoethane	8.278	107	208121	52.171	ug/L	99
51) Chlorobenzene	8.809	112	490374	51.819	ug/L	99
52) Ethylbenzene	8.944	91	789073	53.579	ug/L	99
53) m,p-Xylene	9.069	106	303645	55.578	ug/L	100
54) o-Xylene	9.474	106	294189	53.438	ug/L	99
55) Styrene	9.490	104	550654	57.873	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	287068	43.941	ug/L	99
59) Bromoform	9.661	173	163302	47.966	ug/L	100
60) Isopropylbenzene	9.863	105	800478	52.663	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	258769	49.004	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	631041	51.874	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	651849	53.438	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	406082	51.594	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	417724	50.297	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	415765	50.490	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69676	44.803	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	302353	50.610	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	257889	49.002	ug/L	100
71) Naphthalene	13.435	128	681831	46.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	284044	51.996	ug/L	99

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

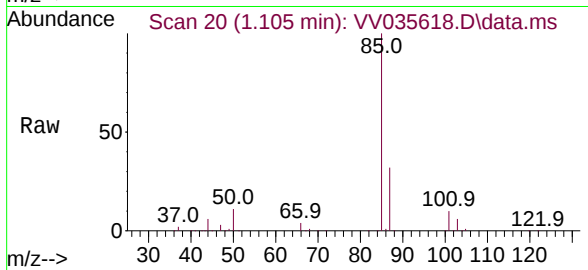
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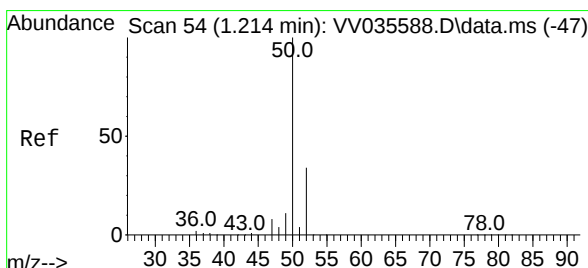
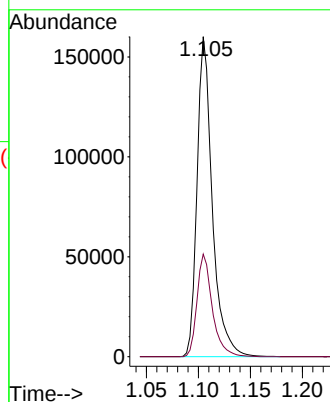
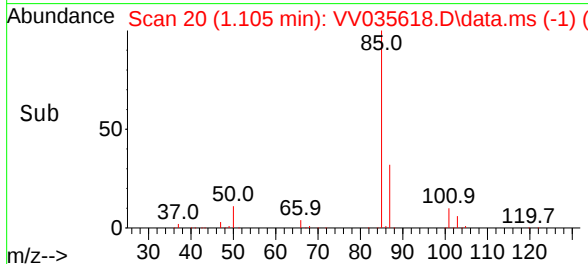


#2
 Dichlorodifluoromethane
 Concen: 51.245 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

Instrument :
 MSVOA_V
 ClientSampleId :

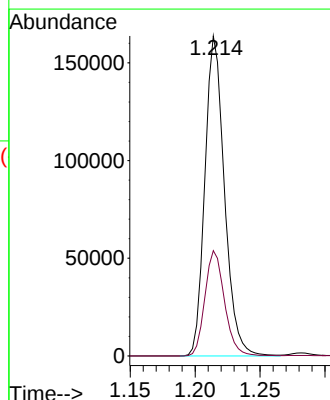
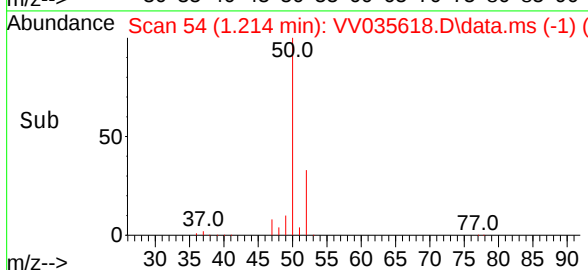
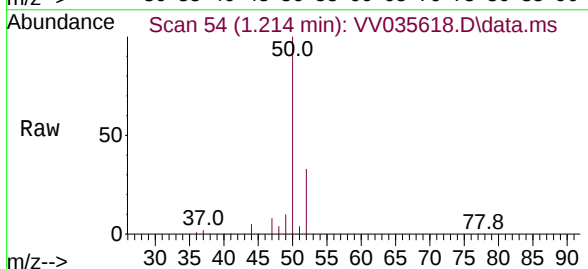


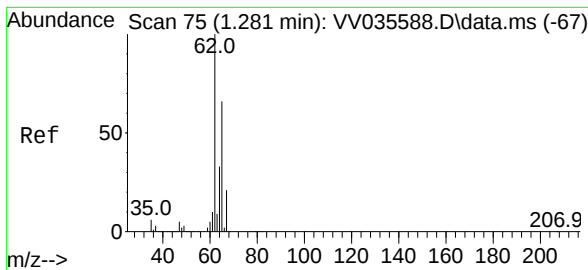
Tgt Ion: 85 Resp: 163424
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 49.767 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

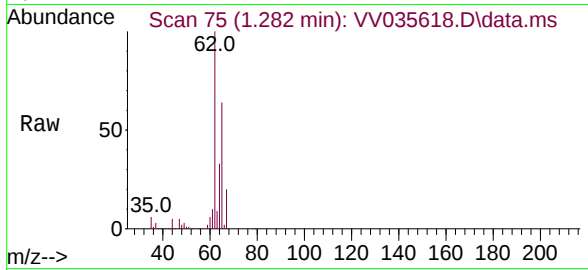
Tgt Ion: 50 Resp: 171936
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.6 42.0



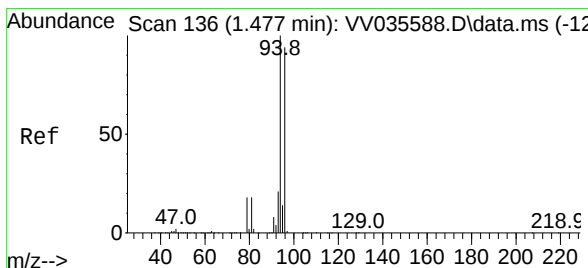
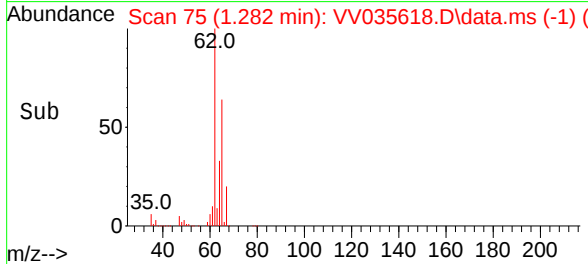
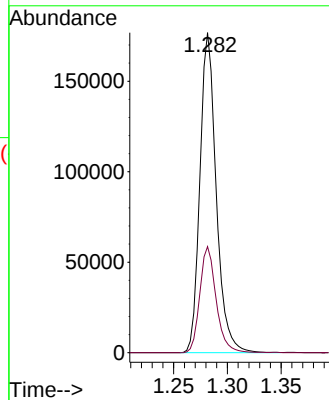


#5
 Vinyl chloride
 Concen: 51.143 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

Instrument :
 MSVOA_V
 ClientSampleId :

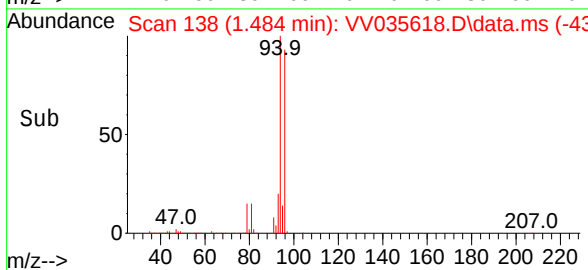
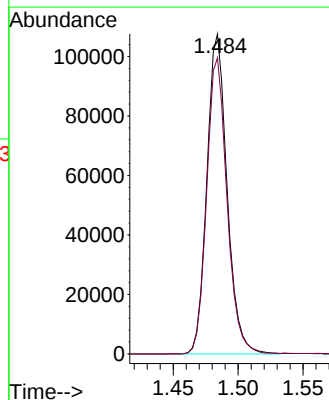
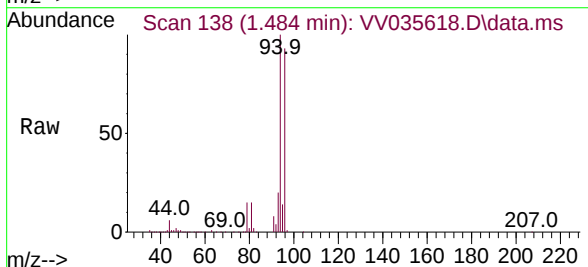


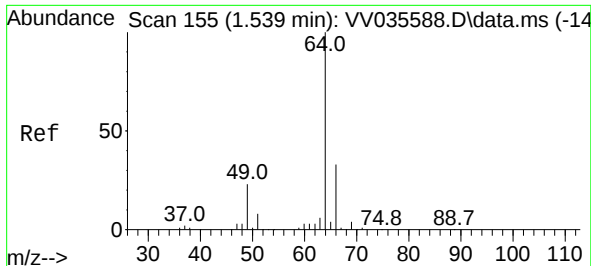
Tgt Ion: 62 Resp: 186072
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 50.462 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.007 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

Tgt Ion: 94 Resp: 116731
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.2 123.0

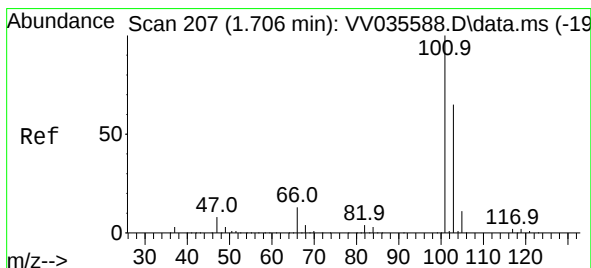
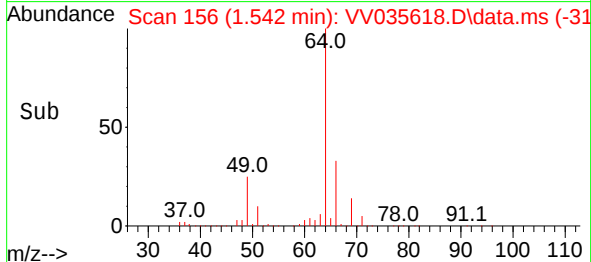
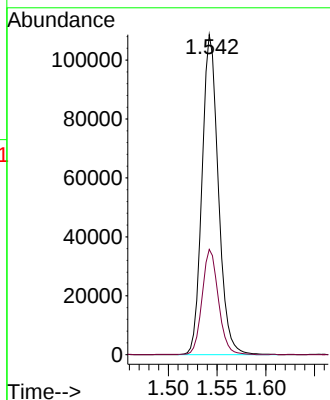
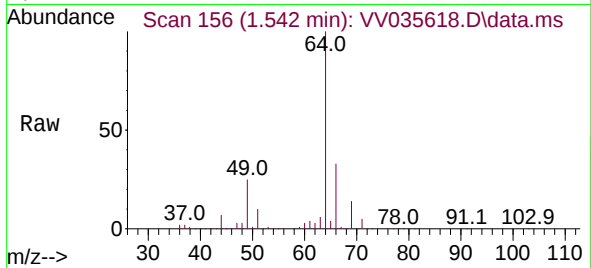




#8
Chloroethane
Concen: 60.492 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

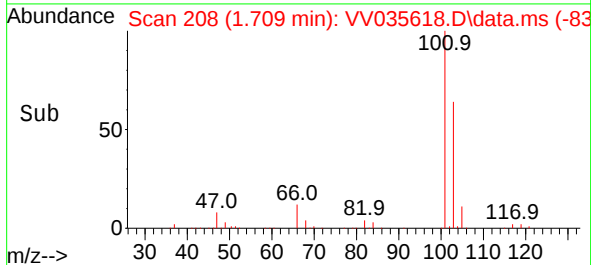
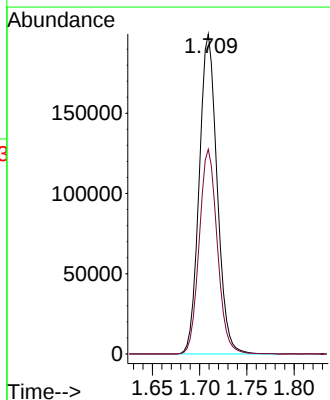
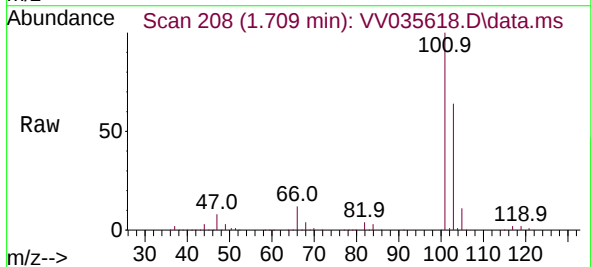
Instrument :
MSVOA_V
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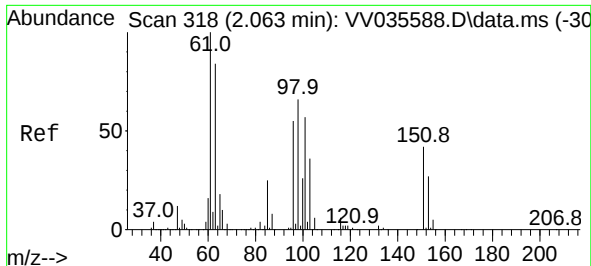
Tgt Ion: 64 Resp: 126542
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 53.582 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:101 Resp: 262266
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0





#10

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

Concen: 55.189 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :

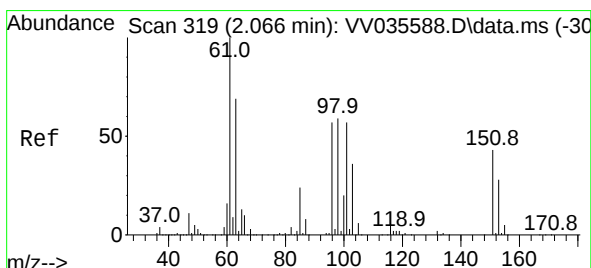
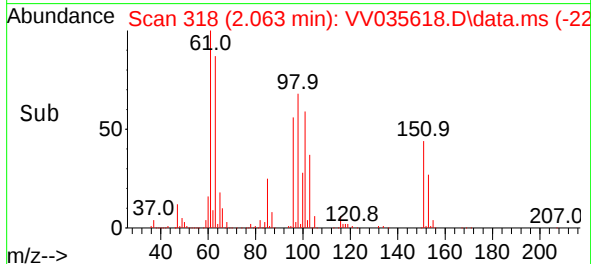
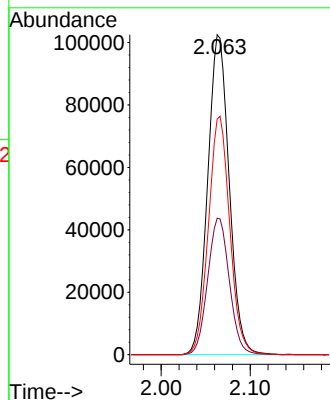
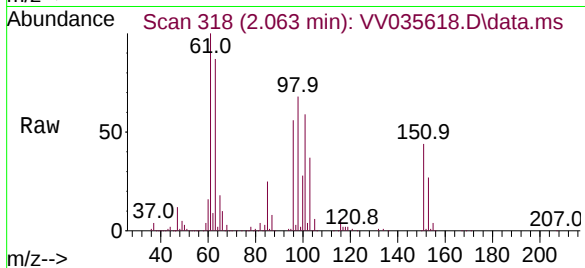
Tgt Ion:101 Resp: 171222

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

151 74.1 60.1 90.1



#12

1,1-Dichloroethene

Concen: 52.197 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

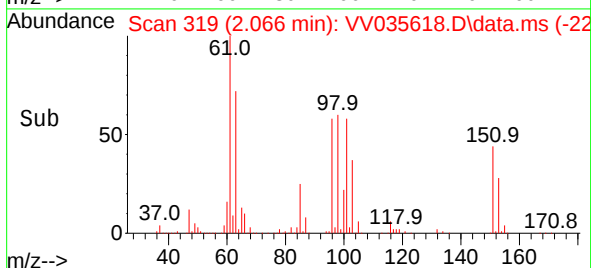
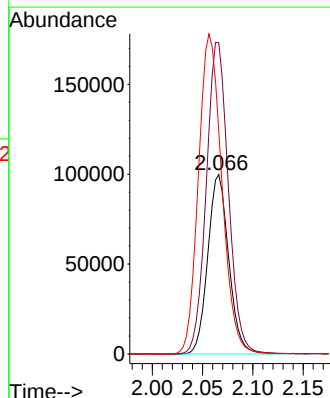
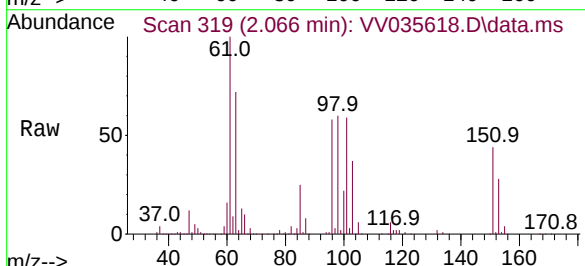
Tgt Ion: 96 Resp: 144653

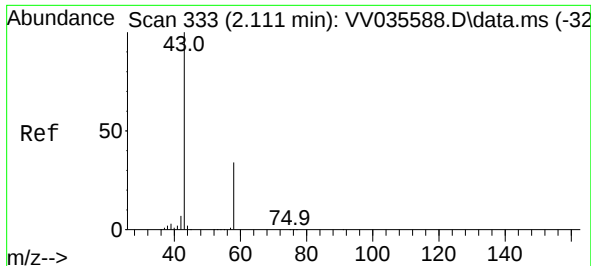
Ion Ratio Lower Upper

96 100

61 173.6 126.5 234.9

63 124.6 118.1 219.3





#13

Acetone

Concen: 134.891 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

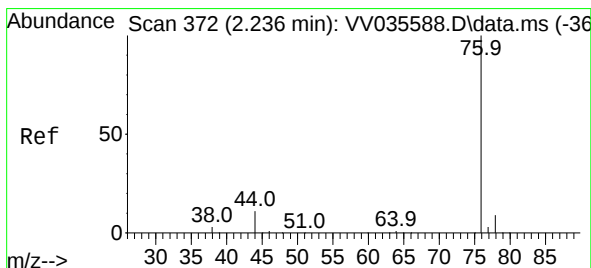
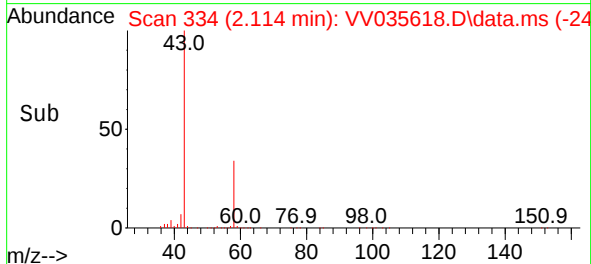
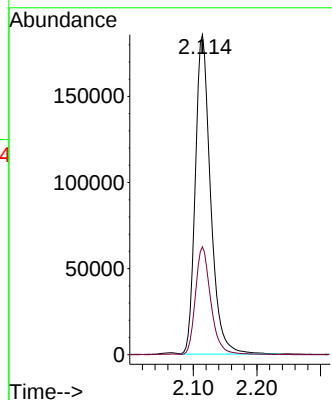
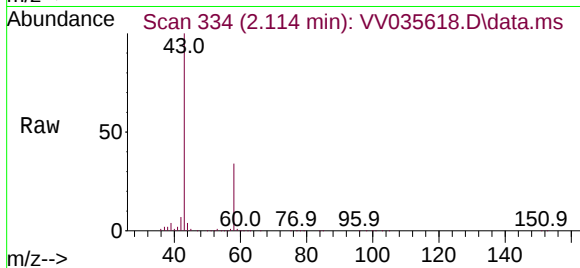
ClientSampleId :

Tgt Ion: 43 Resp: 309345

Ion Ratio Lower Upper

43 100

58 33.6 0.0 68.8



#14

Carbon disulfide

Concen: 48.087 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035618.D

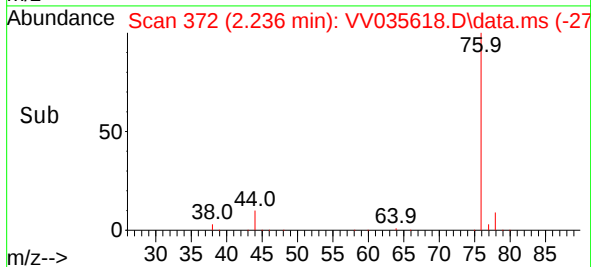
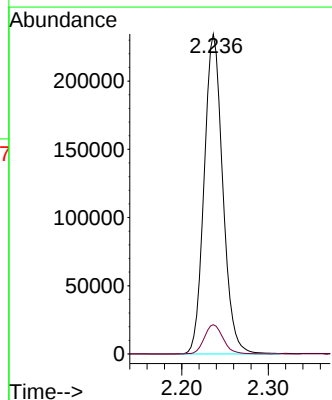
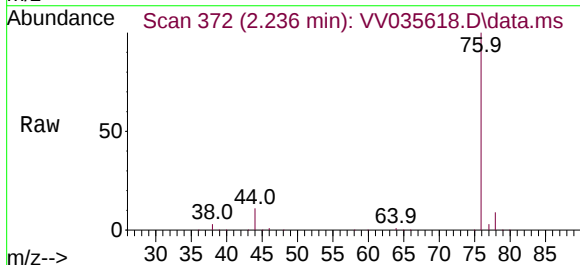
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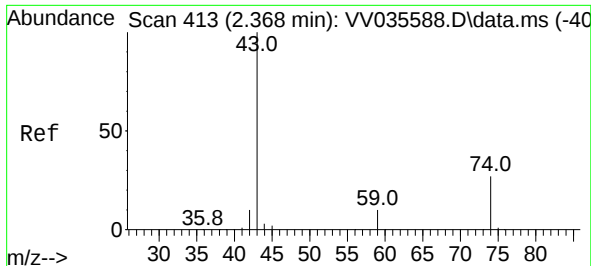
Tgt Ion: 76 Resp: 350083

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





#15

Methyl Acetate

Concen: 49.214 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

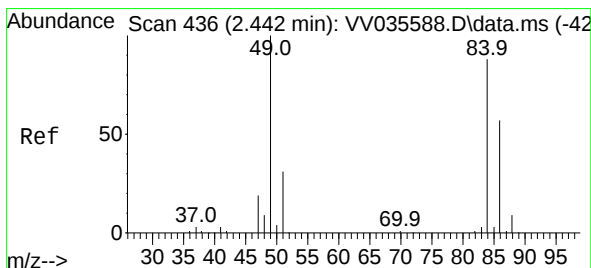
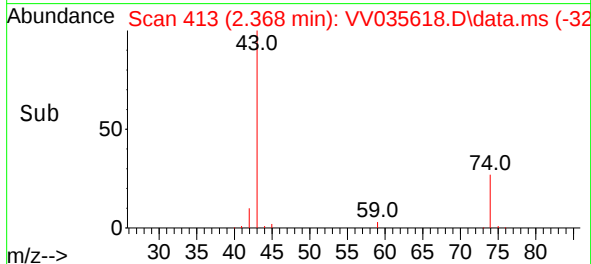
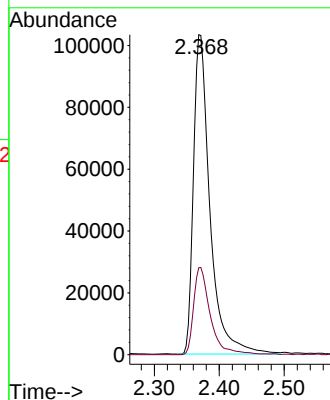
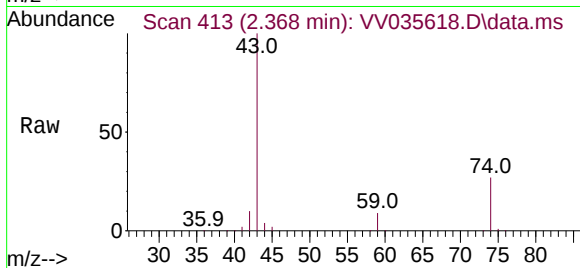
ClientSampleId :

Tgt Ion: 43 Resp: 183081

Ion Ratio Lower Upper

43 100

74 27.4 21.6 32.4



#16

Methylene chloride

Concen: 52.167 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

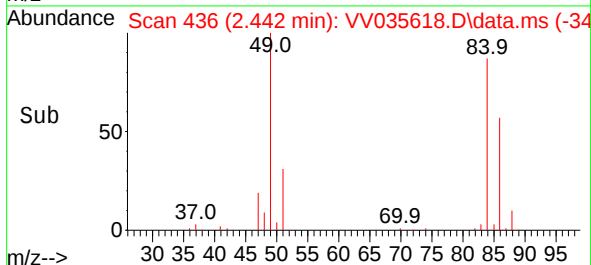
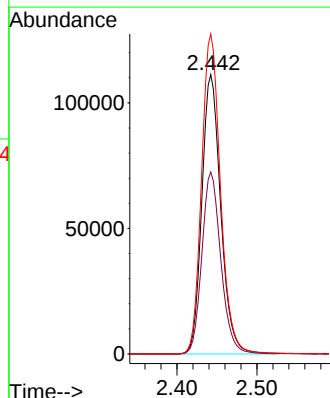
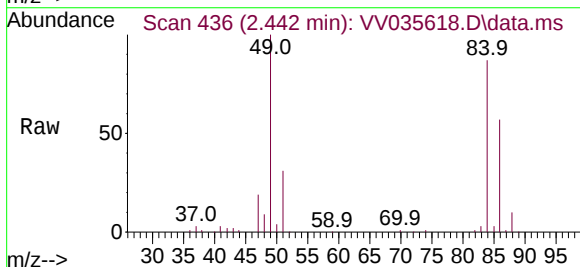
Tgt Ion: 84 Resp: 183182

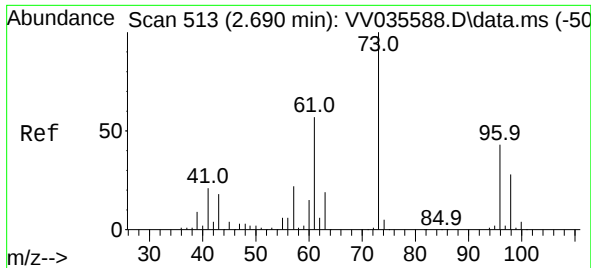
Ion Ratio Lower Upper

84 100

86 65.1 45.3 84.1

49 114.5 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 52.034 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :

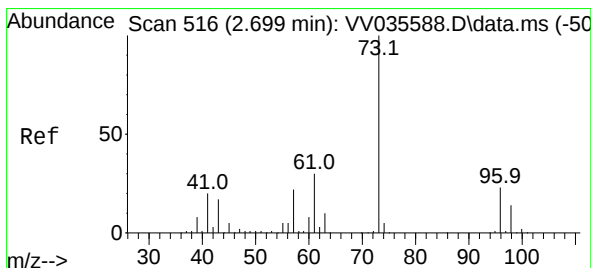
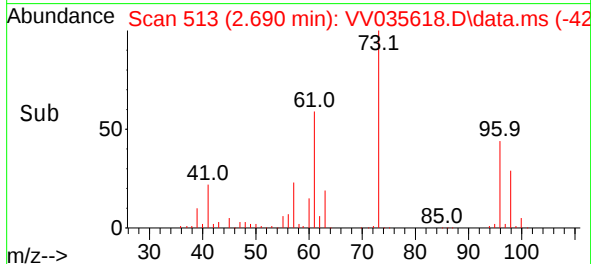
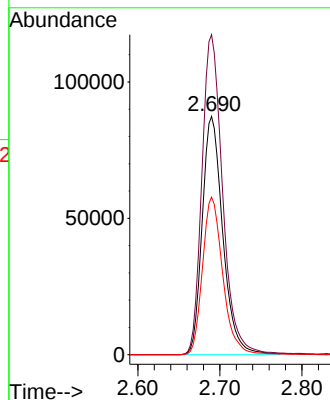
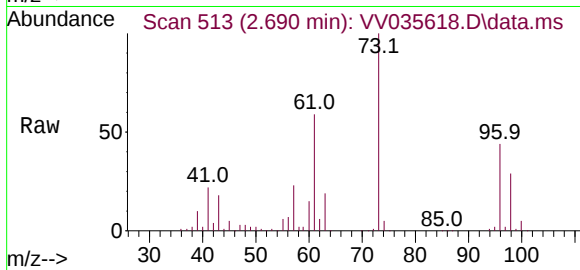
Tgt Ion: 96 Resp: 152419

Ion Ratio Lower Upper

96 100

61 134.3 95.5 177.3

98 66.2 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 51.844 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

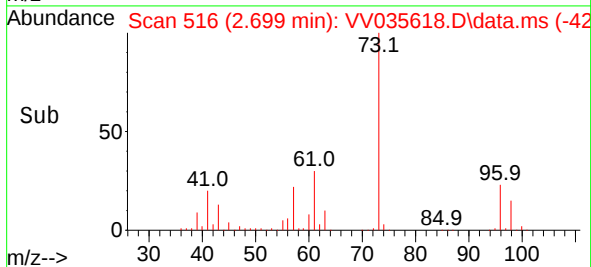
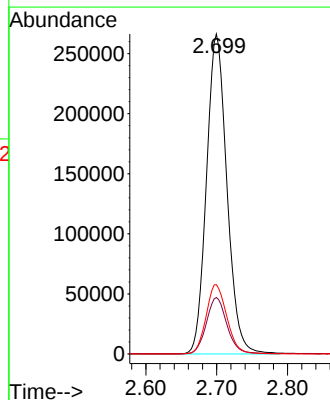
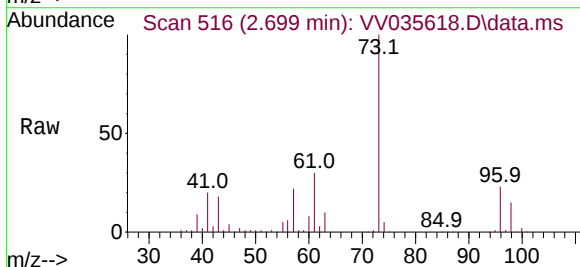
Tgt Ion: 73 Resp: 534079

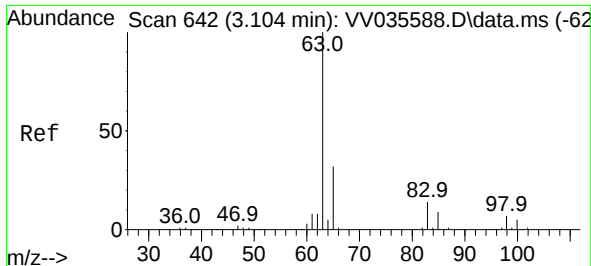
Ion Ratio Lower Upper

73 100

43 17.6 13.6 20.4

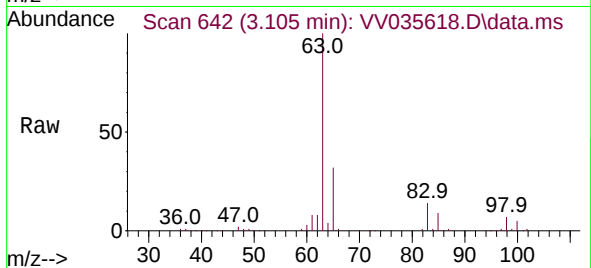
57 22.0 17.4 26.0



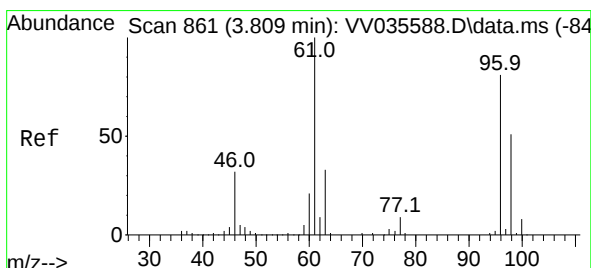
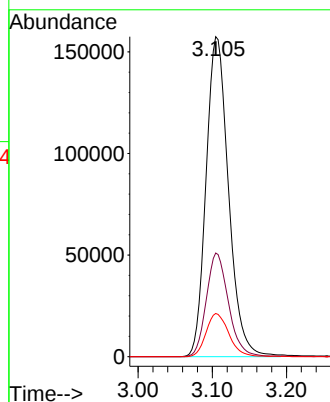
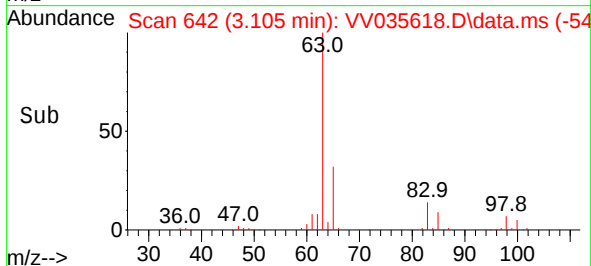


#19
1,1-Dichloroethane
Concen: 53.794 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Instrument :
MSVOA_V
ClientSampleId :

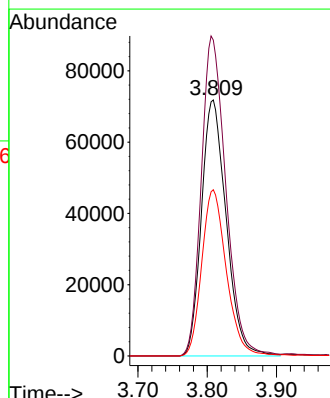
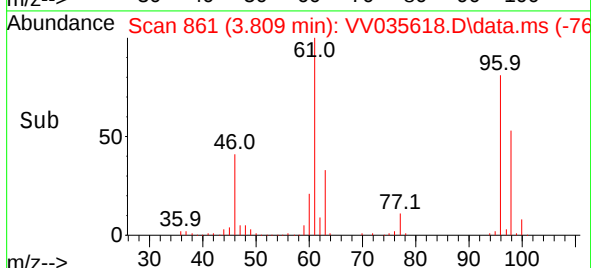
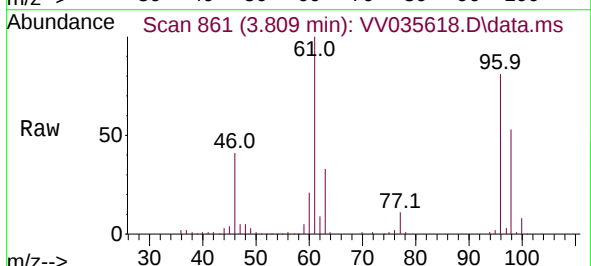


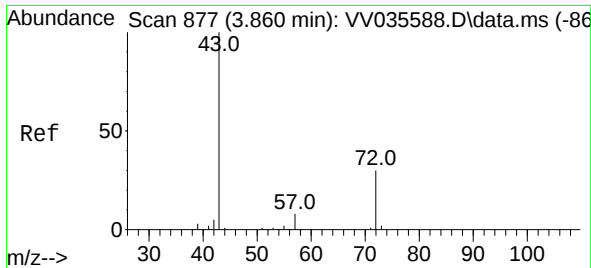
Tgt Ion: 63 Resp: 330876
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.4
83 13.5 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 51.159 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

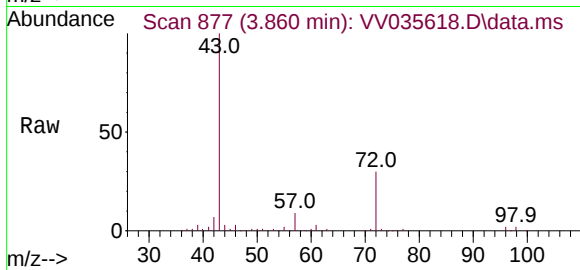
Tgt Ion: 96 Resp: 178231
Ion Ratio Lower Upper
96 100
61 123.4 84.0 156.0
98 64.9 44.9 83.5



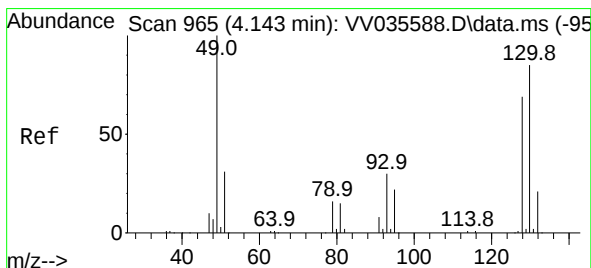
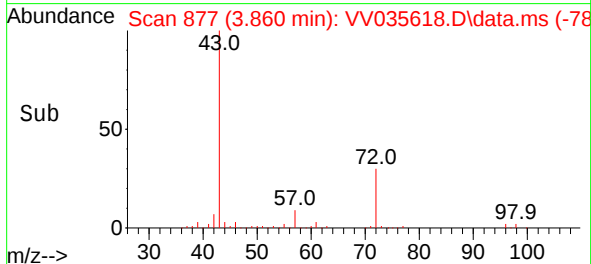
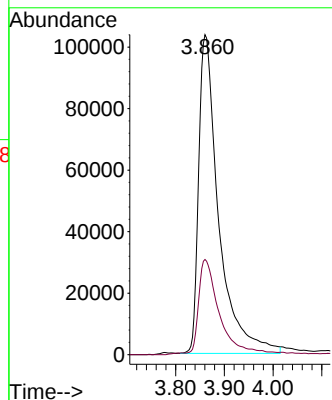


#22
2-Butanone
Concen: 108.979 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Instrument :
MSVOA_V
ClientSampleId :

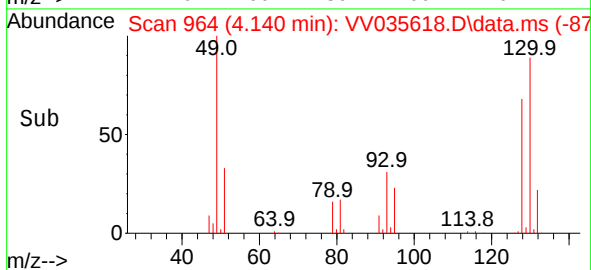
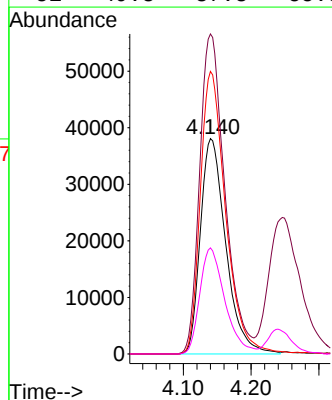
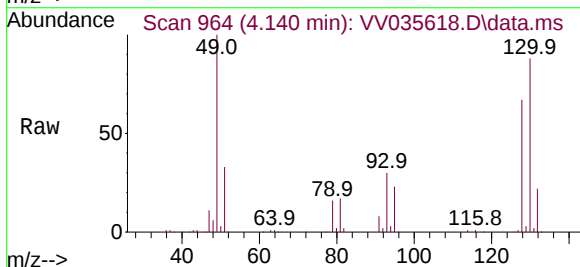


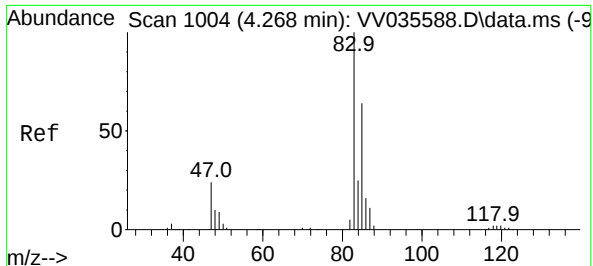
Tgt Ion: 43 Resp: 295858
Ion Ratio Lower Upper
43 100
72 28.6 14.4 43.0



#23
Bromochloromethane
Concen: 52.050 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:128 Resp: 99174
Ion Ratio Lower Upper
128 100
49 148.6 102.0 189.4
130 131.2 91.5 169.9
51 49.3 37.3 55.9





#25

Chloroform

Concen: 55.213 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

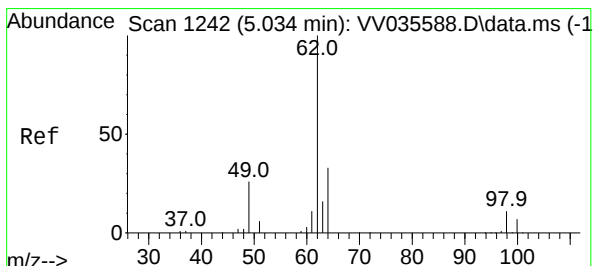
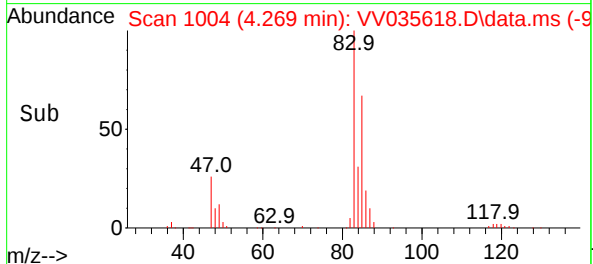
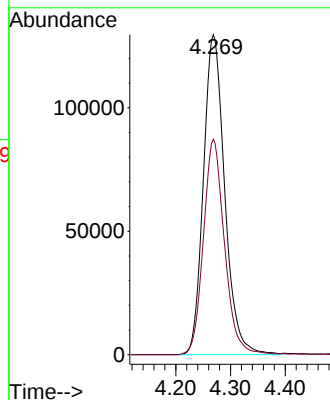
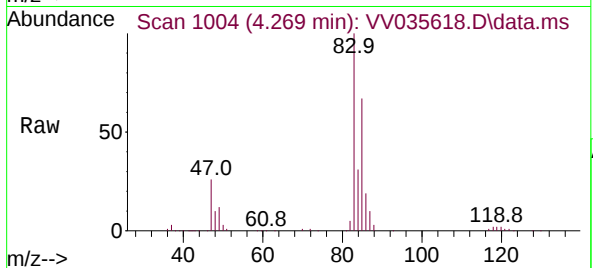
ClientSampleId :

Tgt Ion: 83 Resp: 350530

Ion Ratio Lower Upper

83 100

85 67.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 55.751 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV035618.D

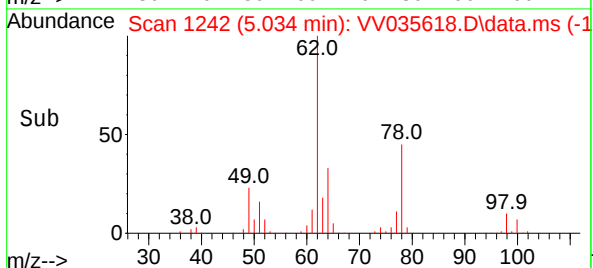
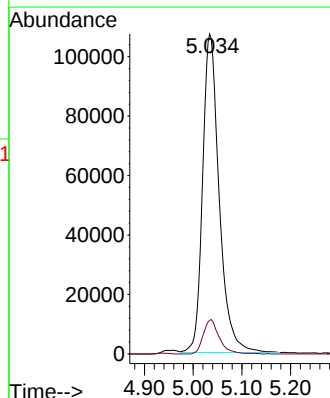
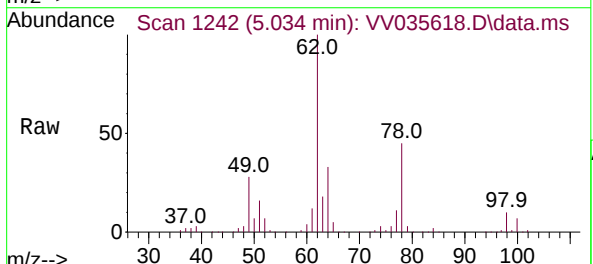
Acq: 16 May 2024 09:01

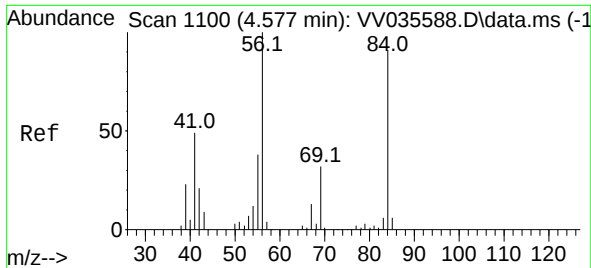
Tgt Ion: 62 Resp: 253304

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.2





#29

Cyclohexane

Concen: 49.496 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

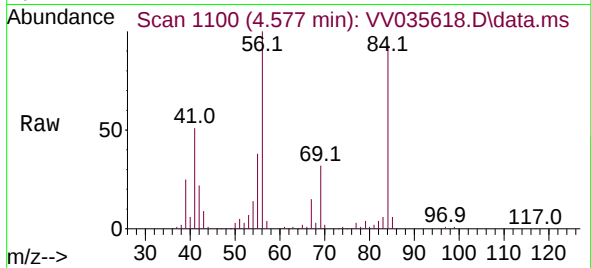
Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :



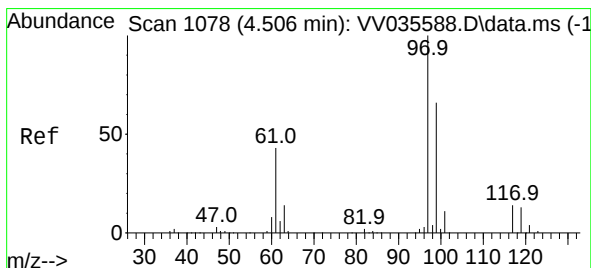
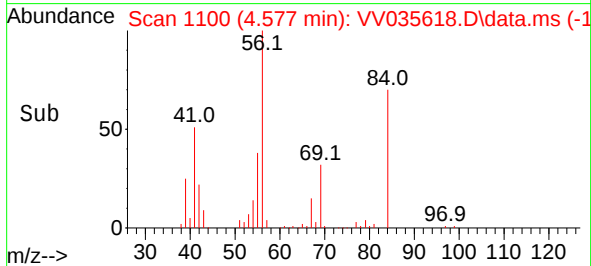
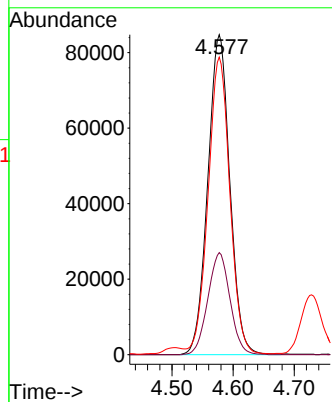
Tgt Ion: 56 Resp: 212650

Ion Ratio Lower Upper

56 100

69 32.0 25.5 38.3

84 92.1 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 52.593 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

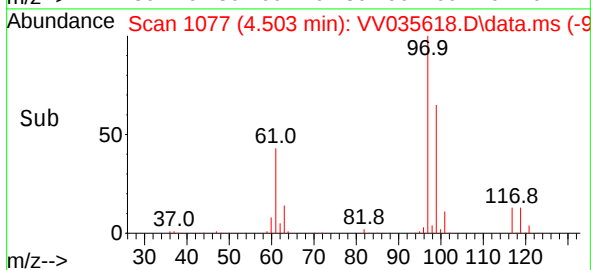
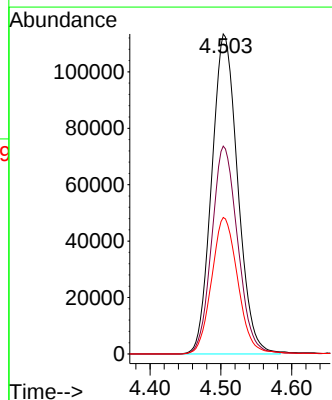
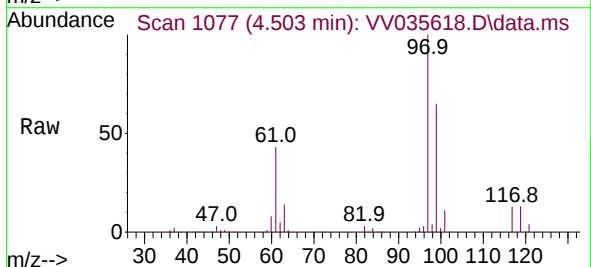
Tgt Ion: 97 Resp: 289629

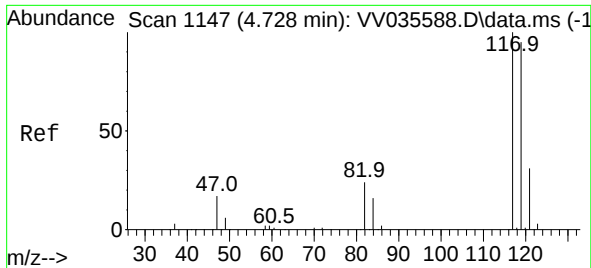
Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 43.1 34.1 51.1

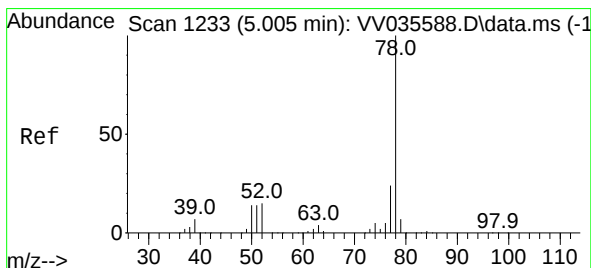
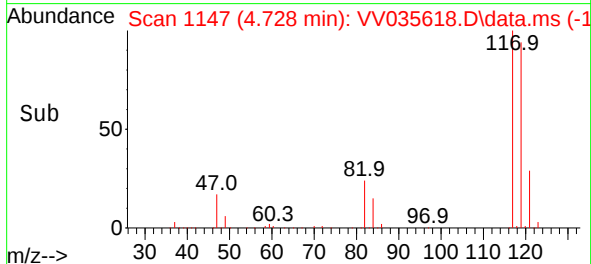
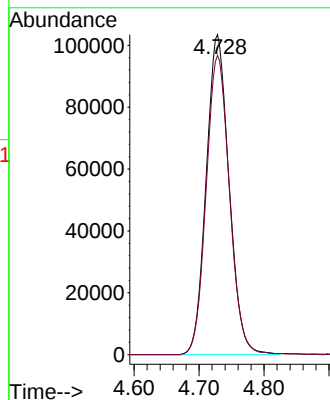
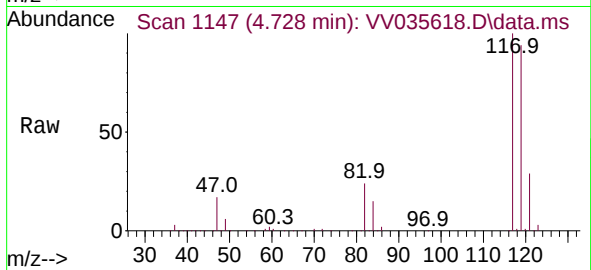




#31
Carbon tetrachloride
Concen: 53.238 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

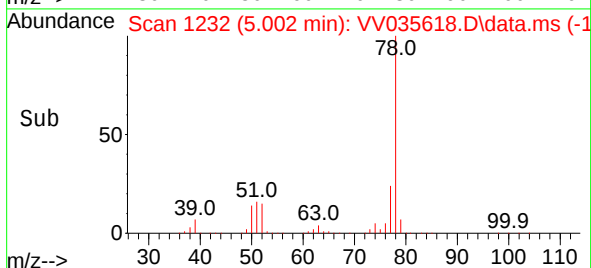
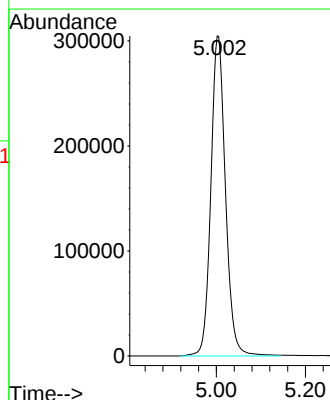
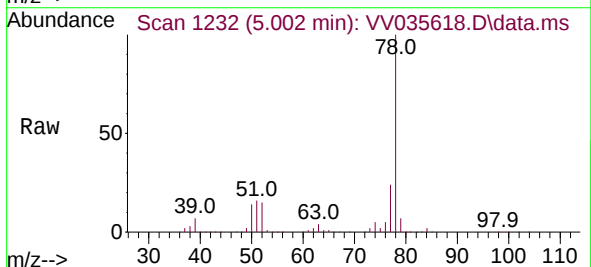
Instrument :
MSVOA_V
ClientSampleId :

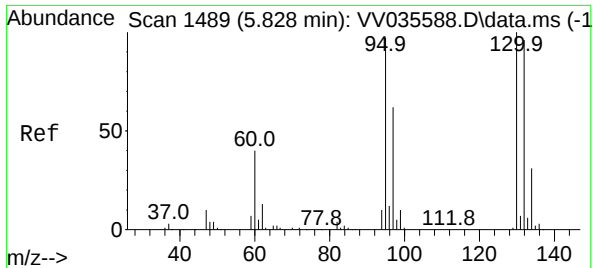
Tgt Ion:117 Resp: 253498
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 53.209 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion: 78 Resp: 691408





#34

Trichloroethene

Concen: 57.643 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 199325

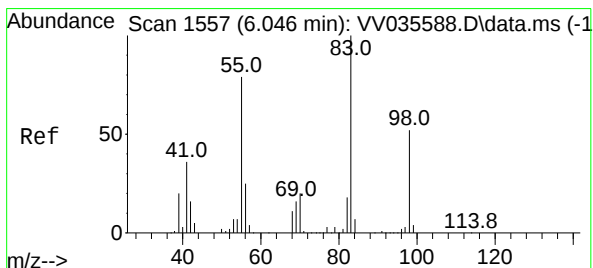
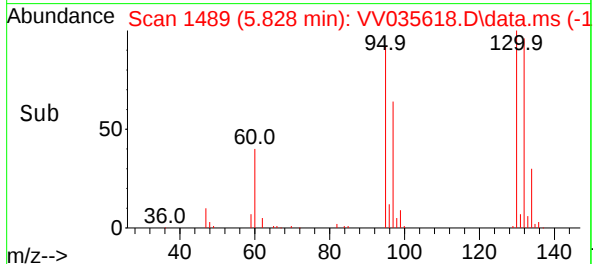
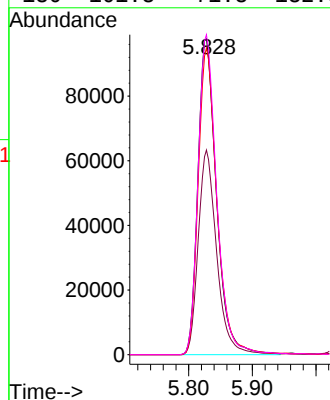
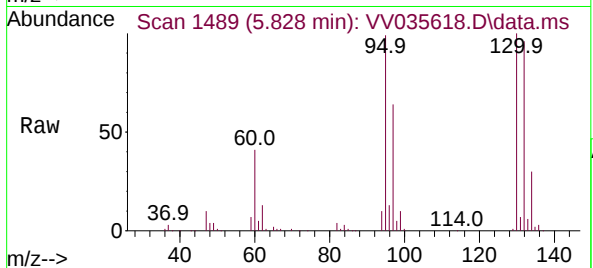
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.9

132 97.1 69.4 128.8

130 101.3 71.3 132.3



#35

Methylcyclohexane

Concen: 51.612 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

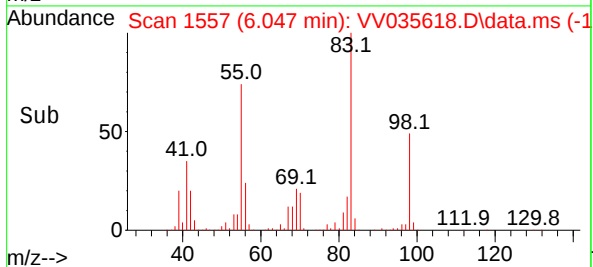
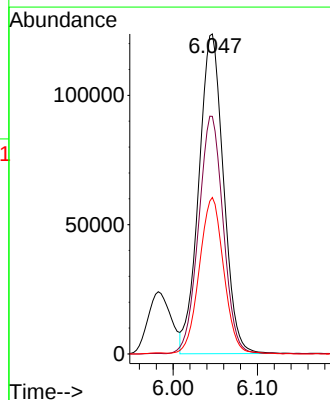
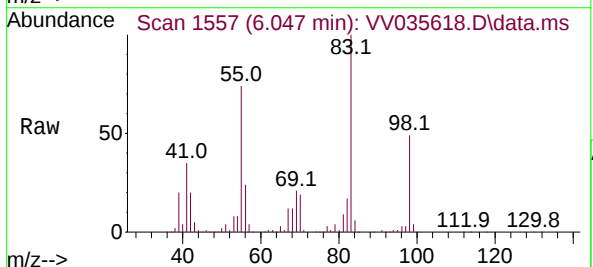
Tgt Ion: 83 Resp: 251772

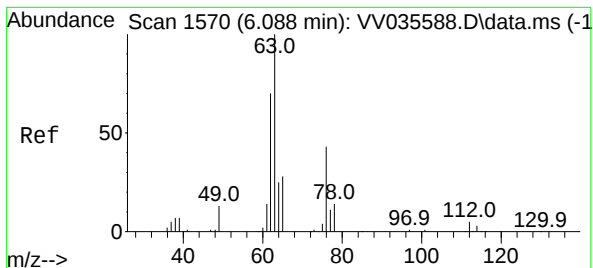
Ion Ratio Lower Upper

83 100

55 74.1 57.5 86.3

98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 55.454 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

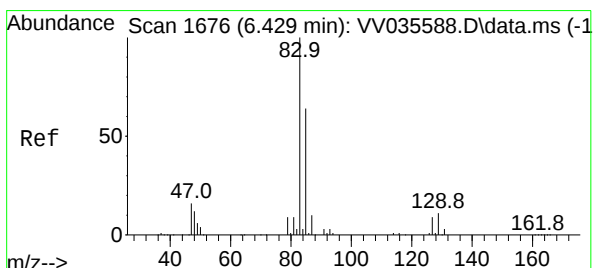
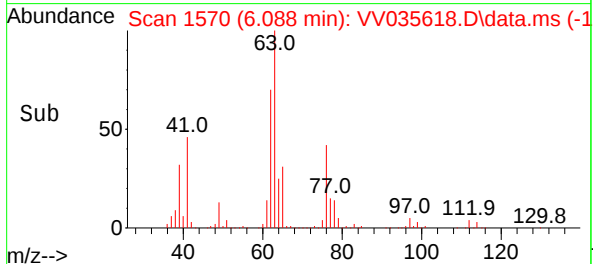
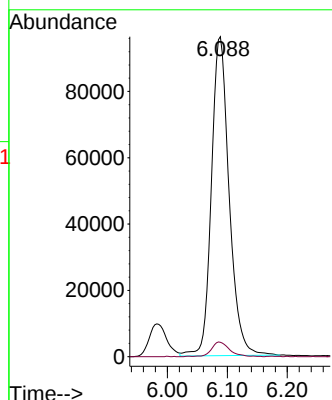
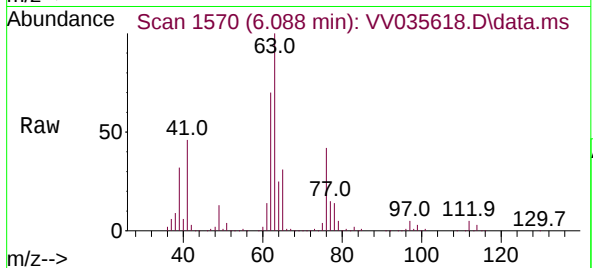
ClientSampleId :

Tgt Ion: 63 Resp: 197978

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 53.289 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

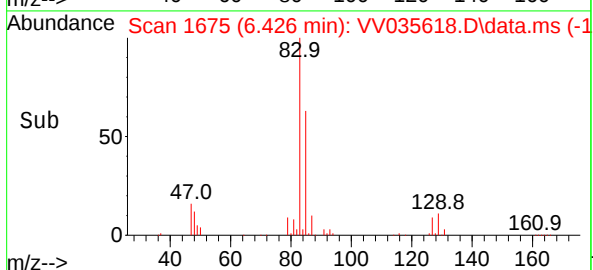
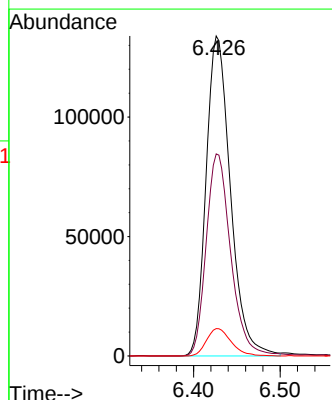
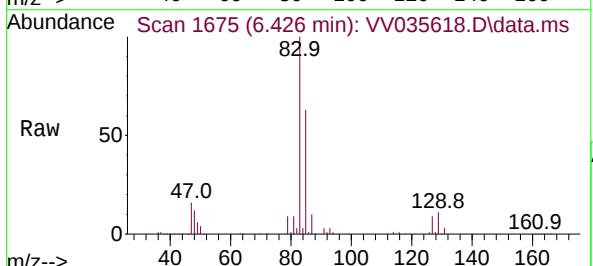
Tgt Ion: 83 Resp: 261739

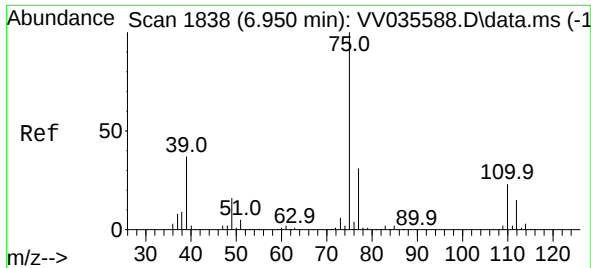
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

127 8.6 6.9 10.3

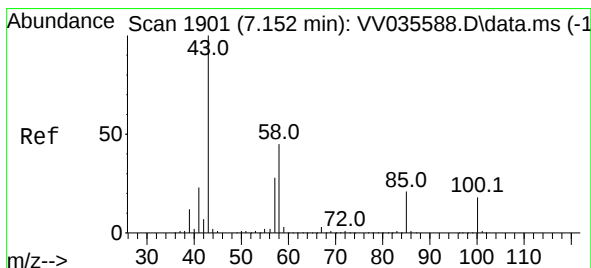
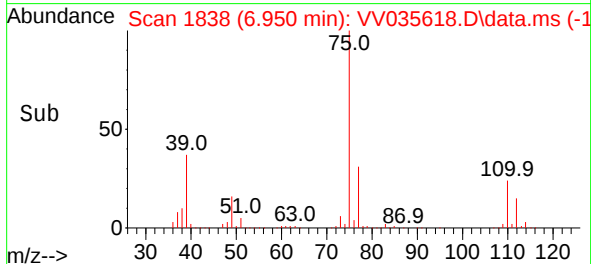
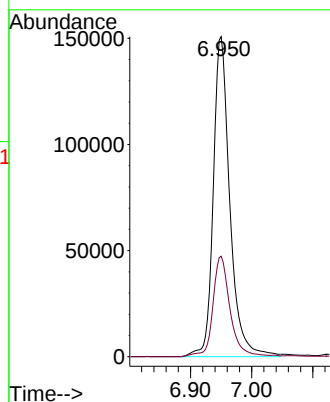
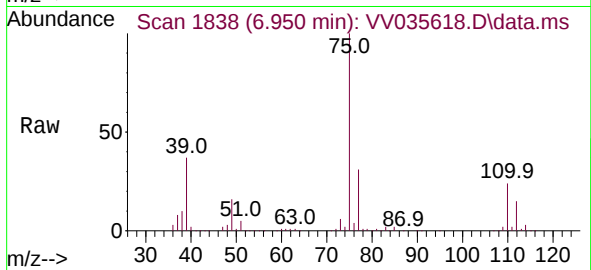




#39
 cis-1,3-Dichloropropene
 Concen: 50.751 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

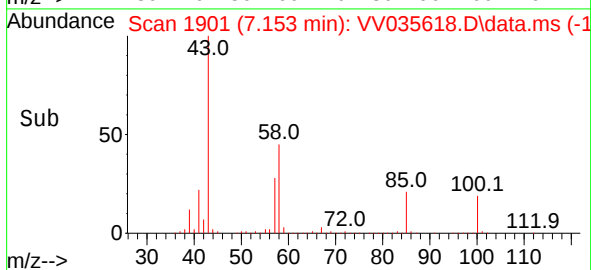
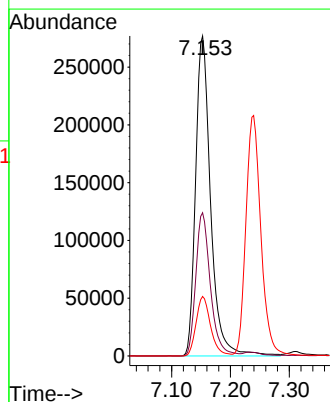
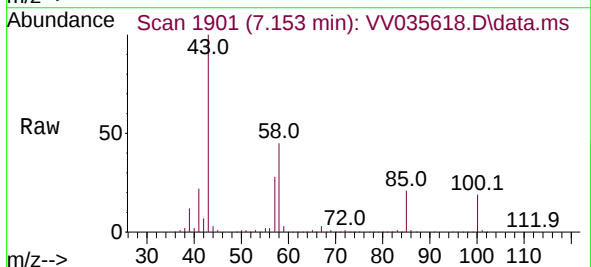
Instrument :
 MSVOA_V
 ClientSampleId :

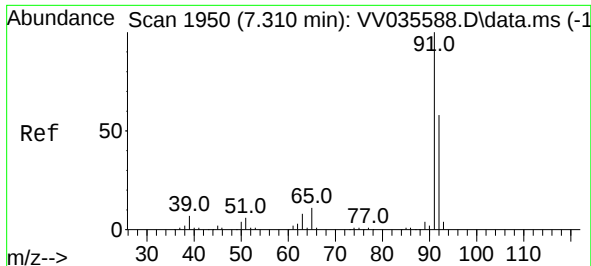
Tgt Ion: 75 Resp: 284431
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 103.122 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV035618.D
 Acq: 16 May 2024 09:01

Tgt Ion: 43 Resp: 491439
 Ion Ratio Lower Upper
 43 100
 58 43.4 36.1 54.1
 100 17.9 15.0 22.4





#42

Toluene

Concen: 54.471 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

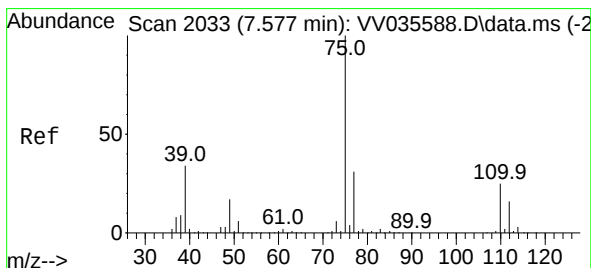
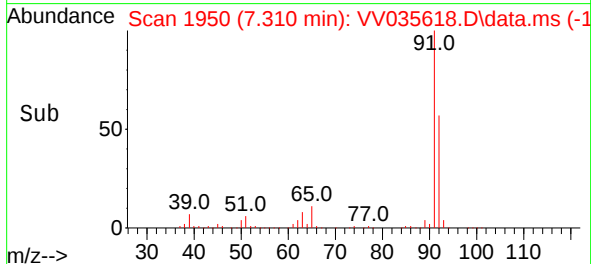
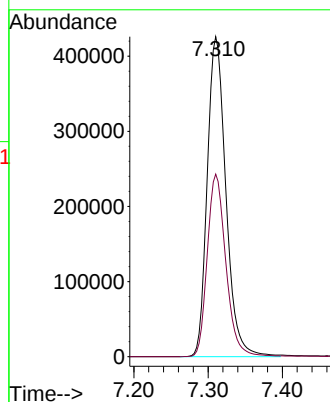
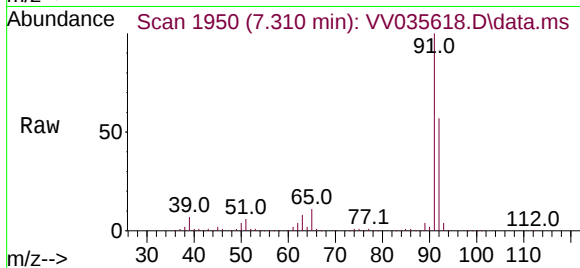
ClientSampleId :

Tgt Ion: 91 Resp: 742556

Ion Ratio Lower Upper

91 100

92 57.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 52.528 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035618.D

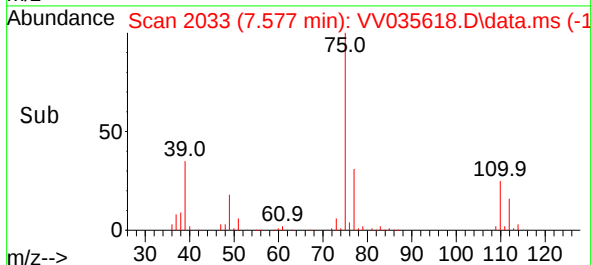
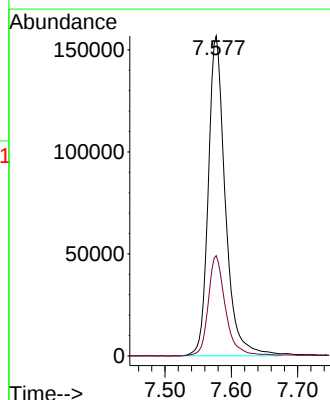
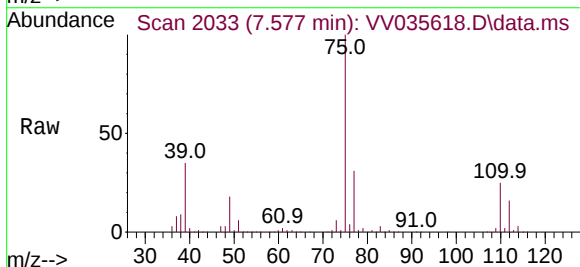
Acq: 16 May 2024 09:01

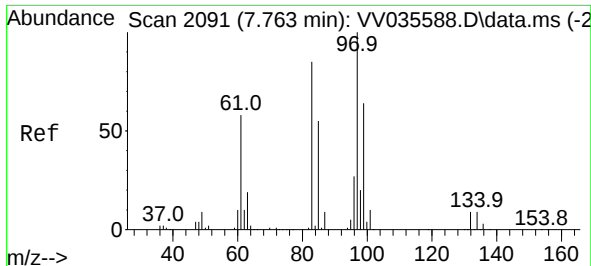
Tgt Ion: 75 Resp: 279630

Ion Ratio Lower Upper

75 100

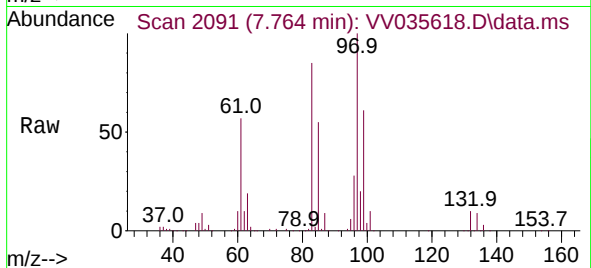
77 31.4 22.4 41.6



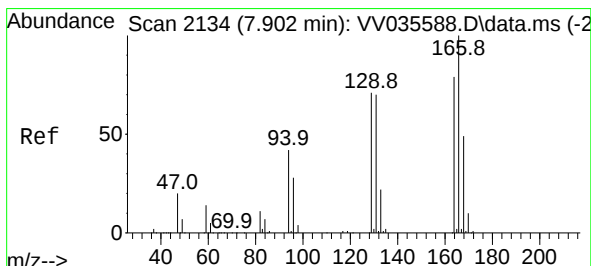
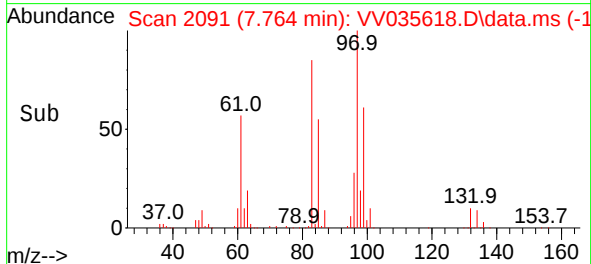
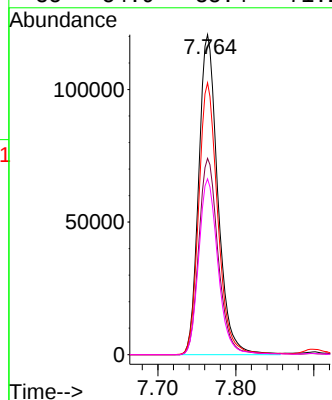


#45
1,1,2-Trichloroethane
Concen: 53.814 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Instrument :
MSVOA_V
ClientSampleId :

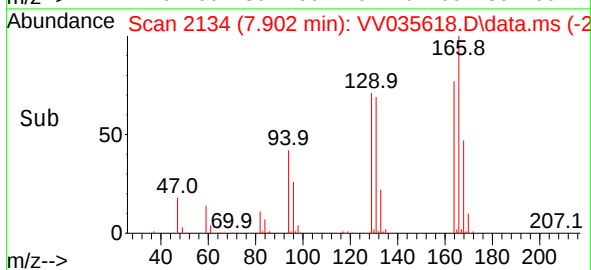
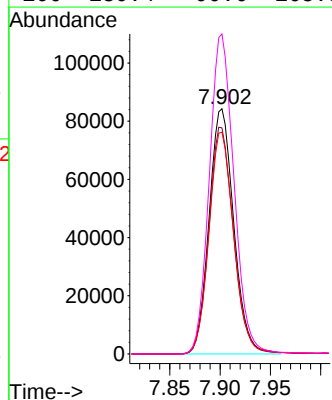
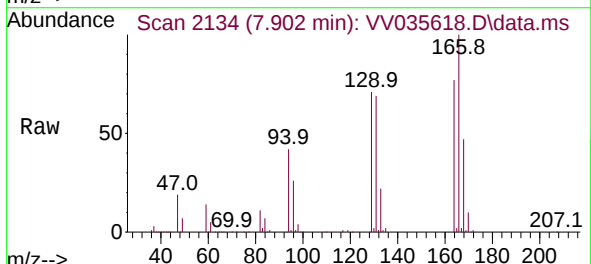


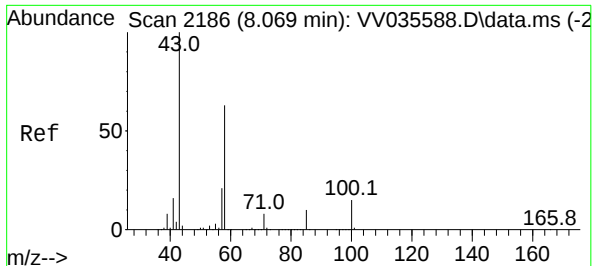
Tgt Ion:	97	Resp:	205476
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.2	82.2
83	85.0	59.3	110.1
85	54.9	38.4	71.2



#46
Tetrachloroethene
Concen: 51.589 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:	164	Resp:	144083
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.7	120.1
131	90.4	61.5	114.1
166	130.4	90.6	168.3

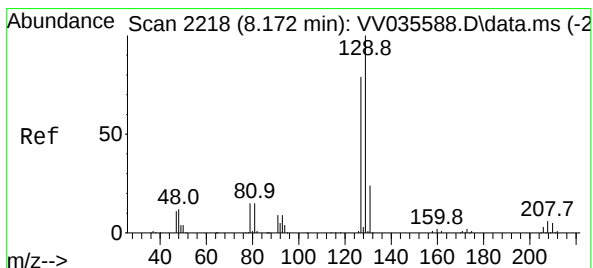
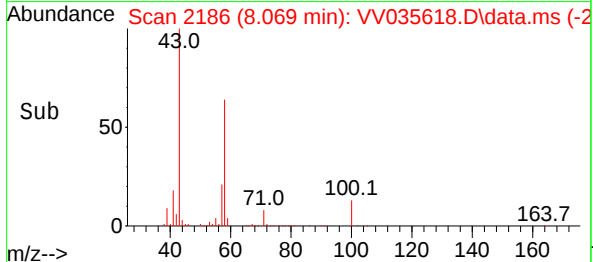
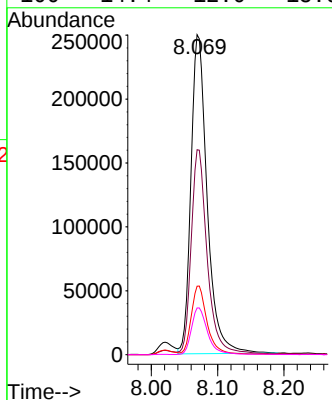
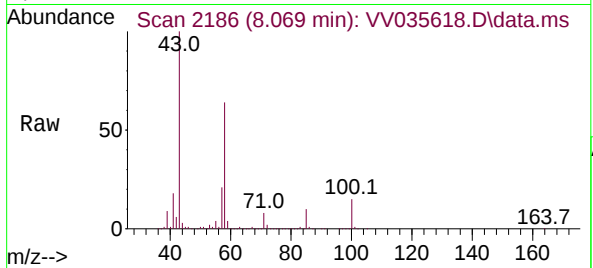




#48
2-Hexanone
Concen: 109.488 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

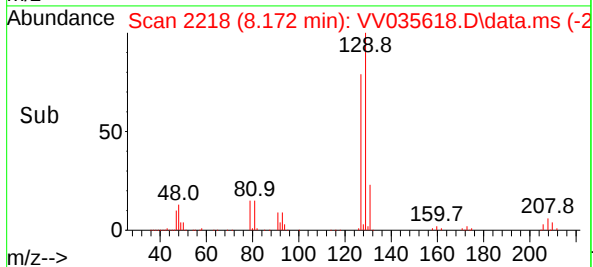
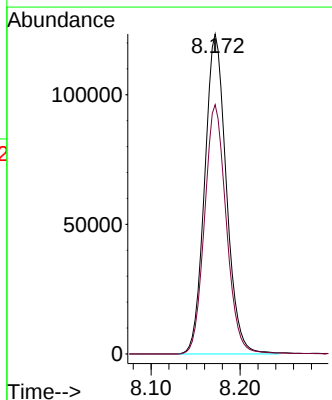
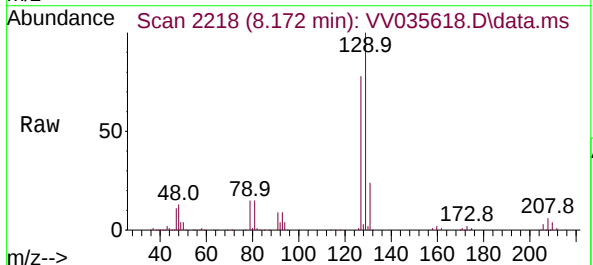
Instrument :
MSVOA_V
ClientSampleId :

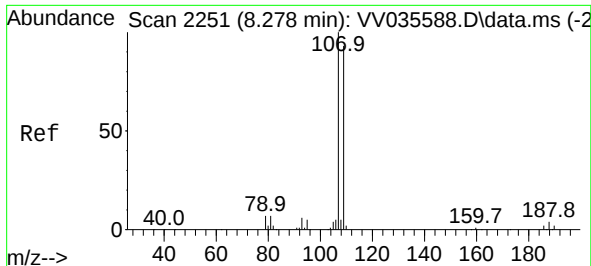
Tgt Ion: 43 Resp: 424543
Ion Ratio Lower Upper
43 100
58 63.1 50.8 76.2
57 20.8 17.6 26.4
100 14.4 12.0 18.0



#49
Dibromochloromethane
Concen: 52.056 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:129 Resp: 208060
Ion Ratio Lower Upper
129 100
127 77.9 54.3 100.8

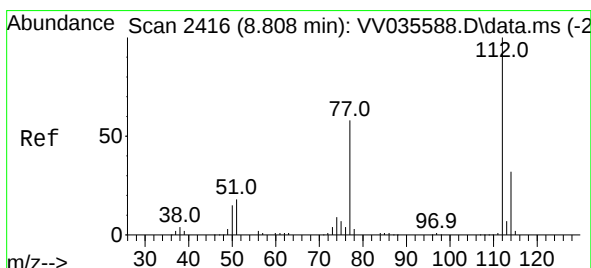
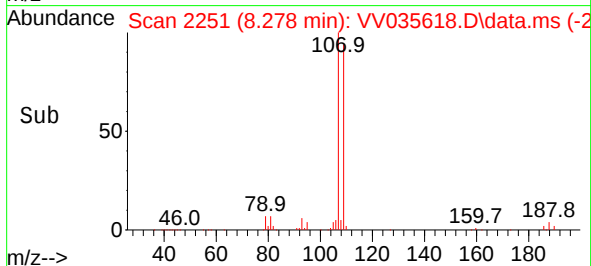
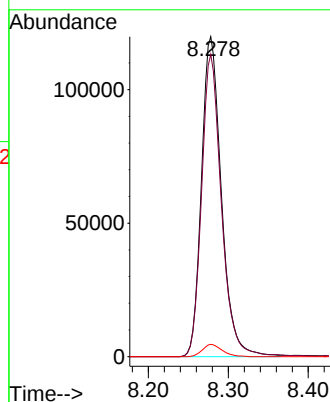
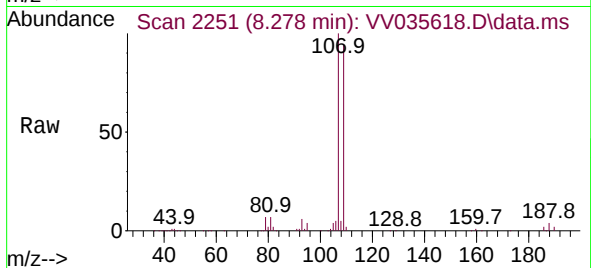




#50
1,2-Dibromoethane
Concen: 52.171 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

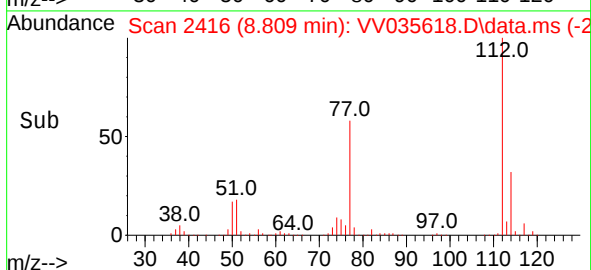
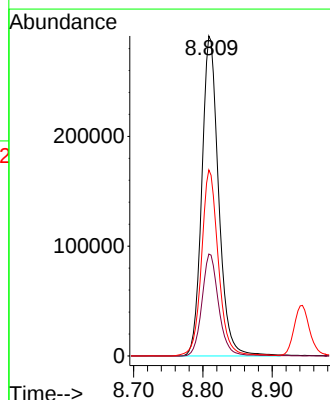
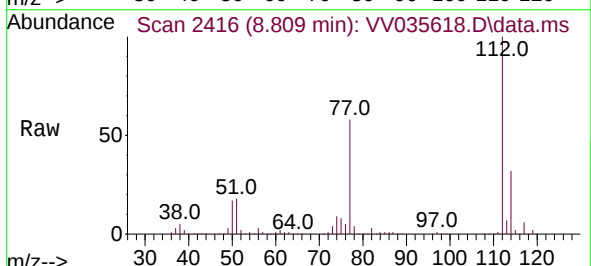
Instrument :
MSVOA_V
ClientSampleId :

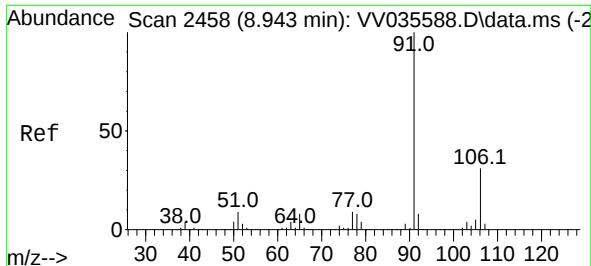
Tgt Ion:107 Resp: 208121
Ion Ratio Lower Upper
107 100
109 94.5 65.7 122.1
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 51.819 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:112 Resp: 490374
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 58.1 45.9 68.9

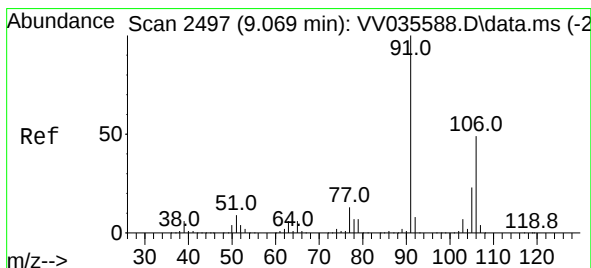
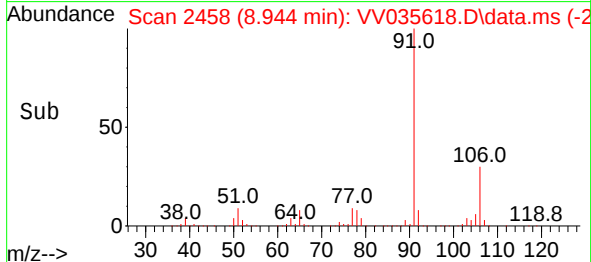
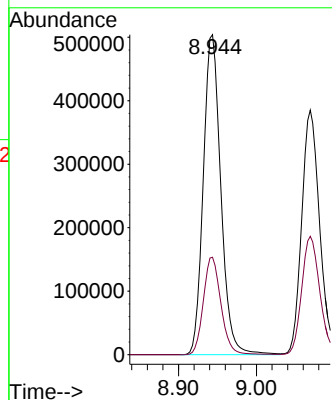
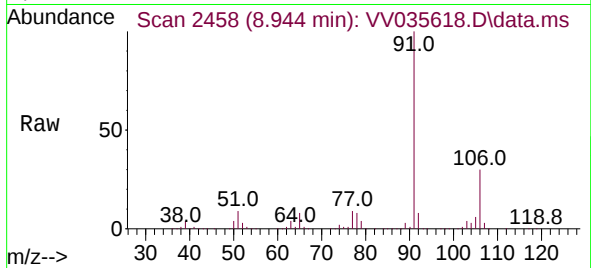




#52
Ethylbenzene
Concen: 53.579 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

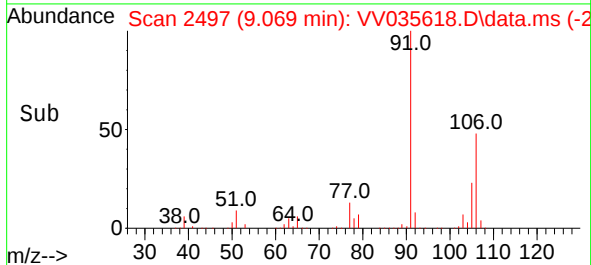
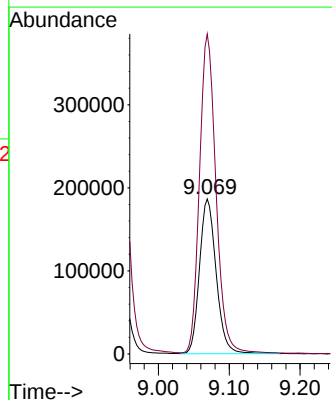
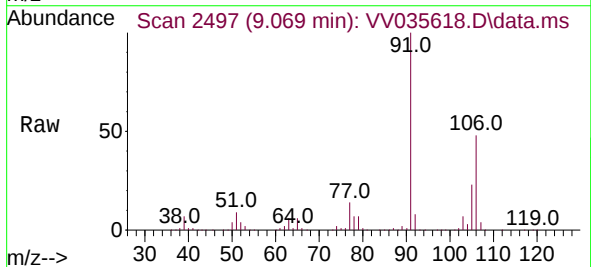
Instrument :
MSVOA_V
ClientSampleId :

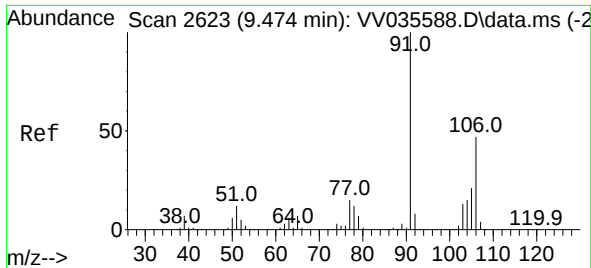
Tgt Ion: 91 Resp: 789073
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 55.578 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion: 106 Resp: 303645
Ion Ratio Lower Upper
106 100
91 206.4 144.8 268.8

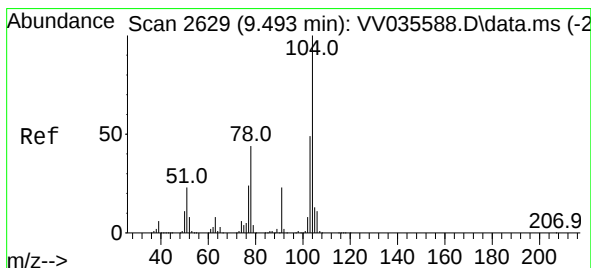
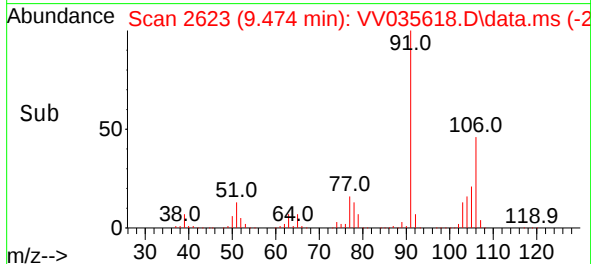
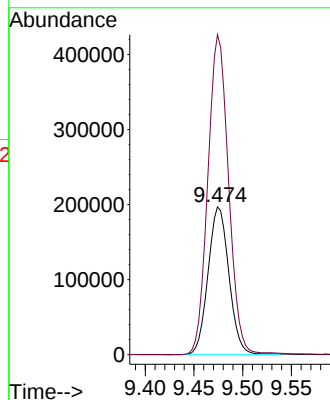
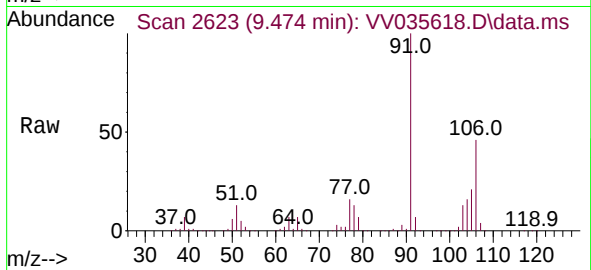




#54
o-Xylene
Concen: 53.438 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

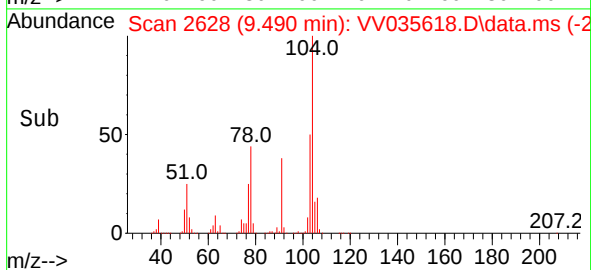
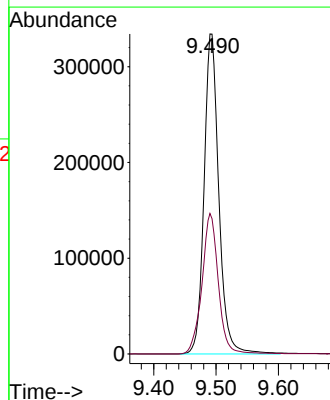
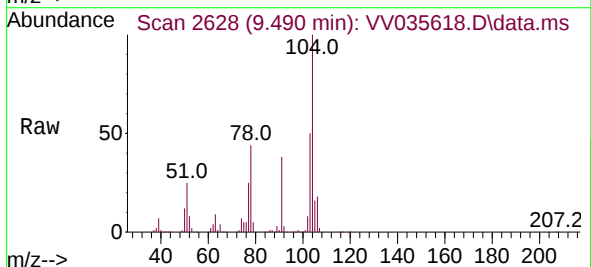
Instrument :
MSVOA_V
ClientSampleId :

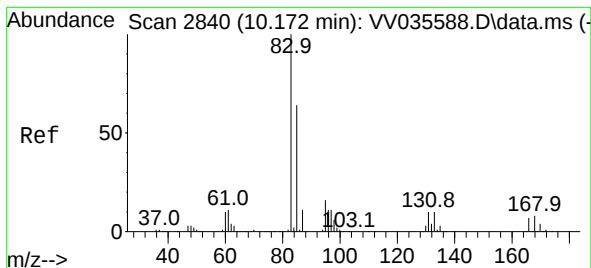
Tgt Ion:106 Resp: 294189
Ion Ratio Lower Upper
106 100
91 216.3 149.9 278.3



#55
Styrene
Concen: 57.873 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion:104 Resp: 550654
Ion Ratio Lower Upper
104 100
78 43.9 29.9 55.5

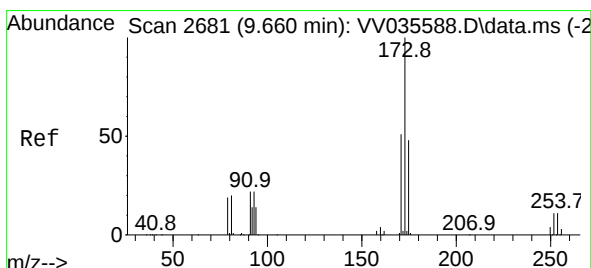
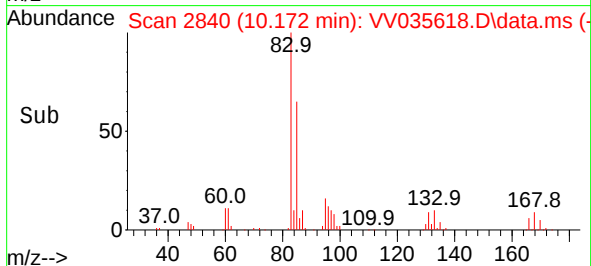
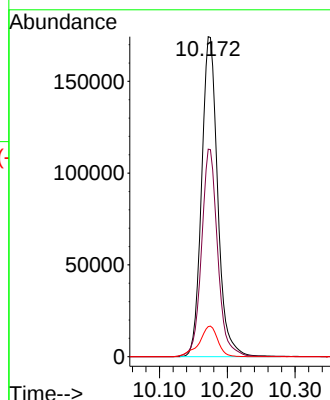
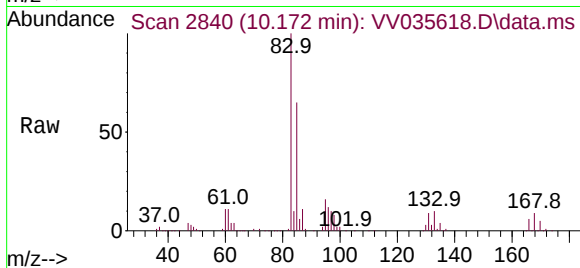




#57
1,1,2,2-Tetrachloroethane
Concen: 43.941 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

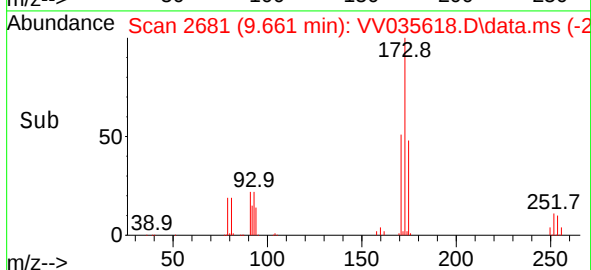
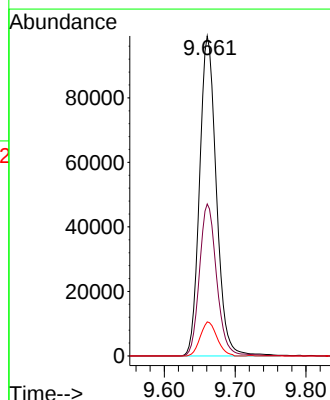
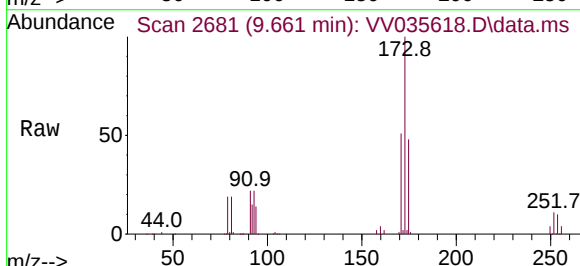
Instrument :
MSVOA_V
ClientSampleId :

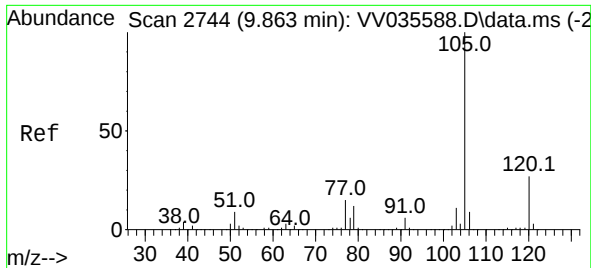
Tgt Ion: 83 Resp: 287068
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.5
131 9.4 8.1 12.1



#59
Bromoform
Concen: 47.966 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion: 173 Resp: 163302
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 10.6 8.5 12.7

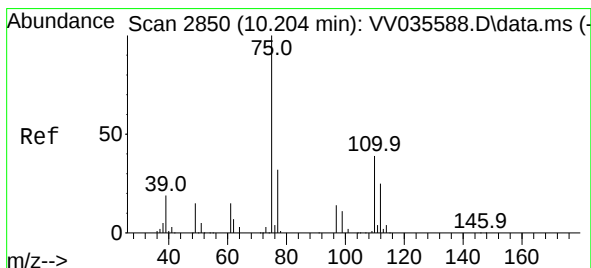
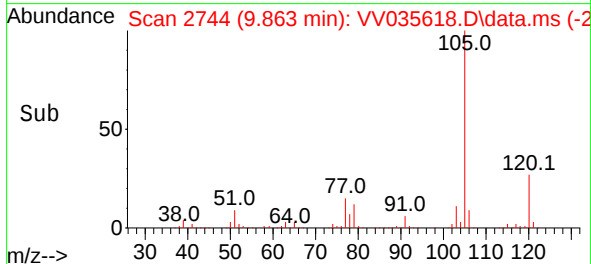
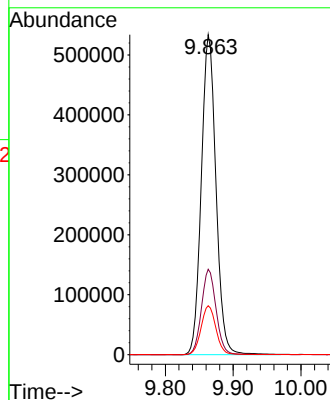
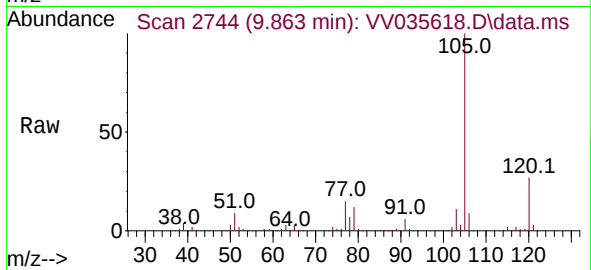




#60
Isopropylbenzene
Concen: 52.663 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

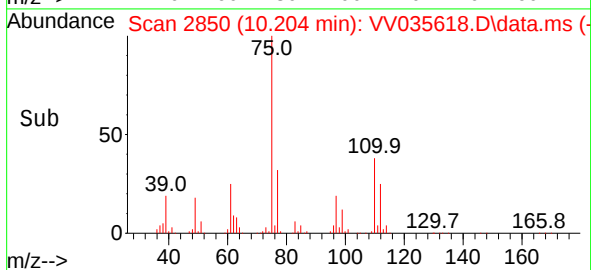
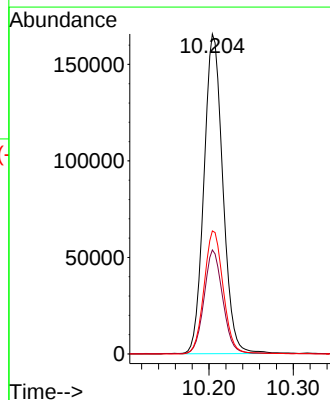
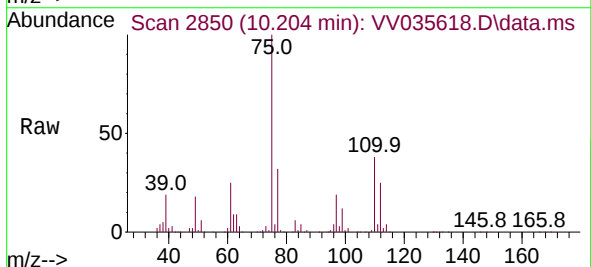
Instrument :
MSVOA_V
ClientSampleId :

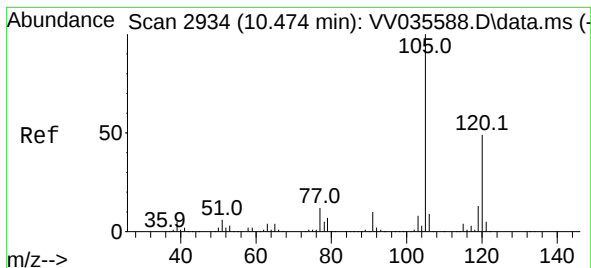
Tgt Ion:105 Resp: 800478
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 49.004 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion: 75 Resp: 258769
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 39.0 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 51.874 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

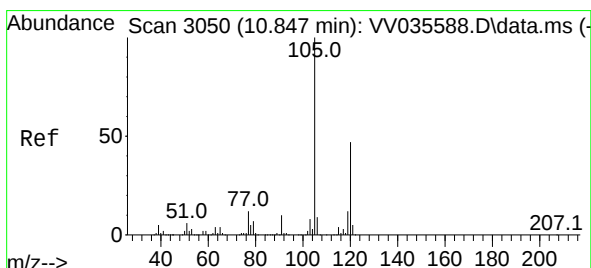
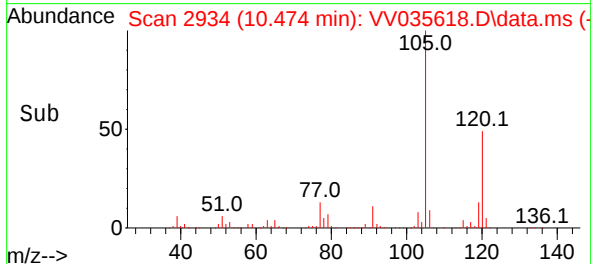
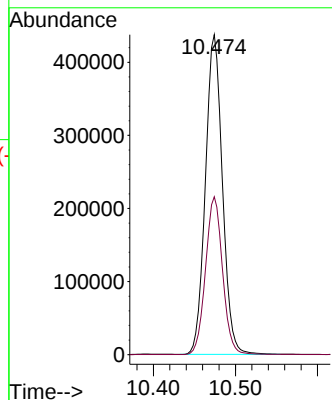
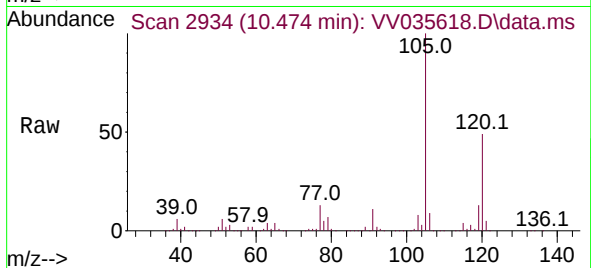
ClientSampleId :

Tgt Ion:105 Resp: 631041

Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 53.438 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035618.D

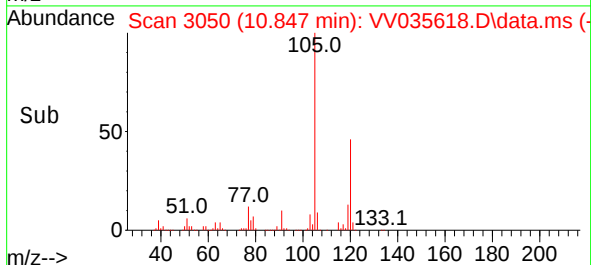
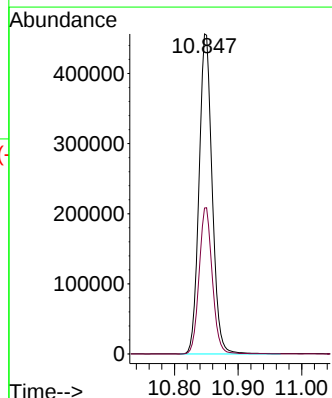
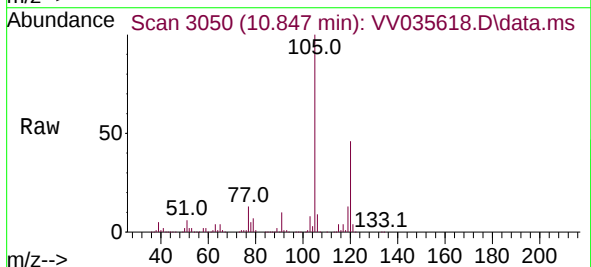
Acq: 16 May 2024 09:01

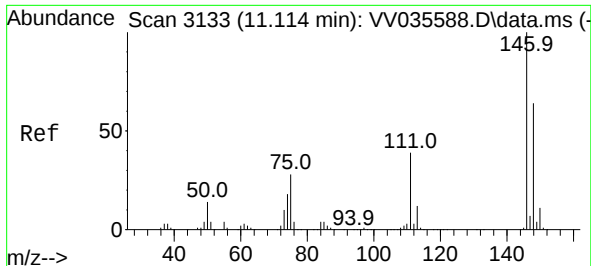
Tgt Ion:105 Resp: 651849

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 51.594 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :

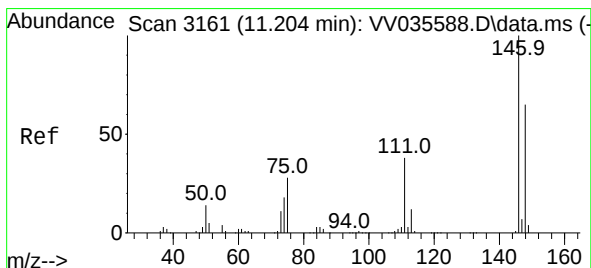
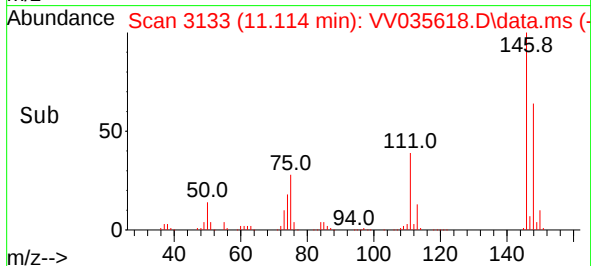
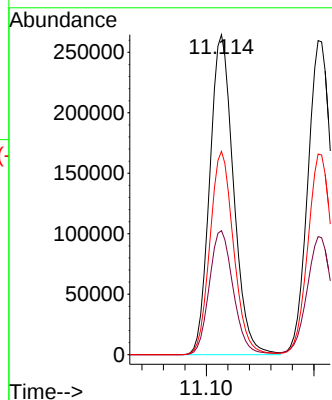
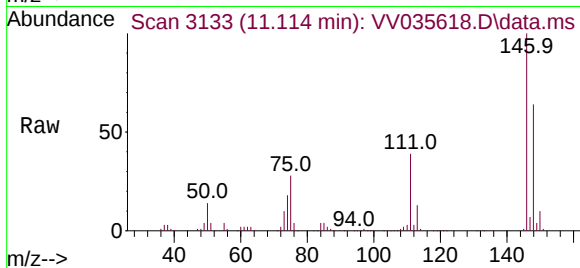
Tgt Ion:146 Resp: 406082

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 63.6 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 50.297 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

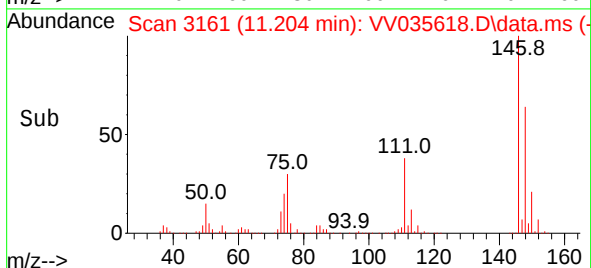
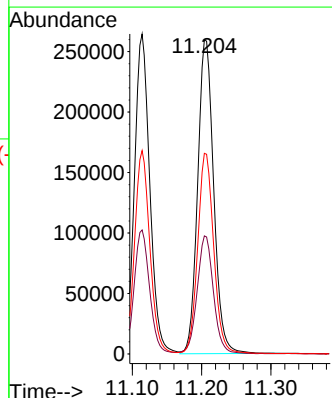
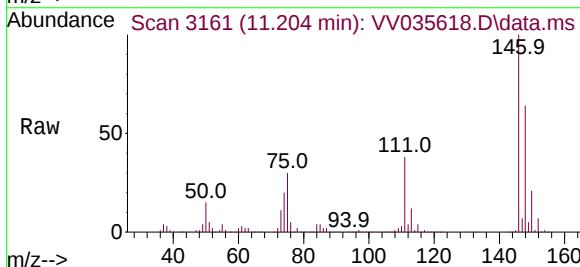
Tgt Ion:146 Resp: 417724

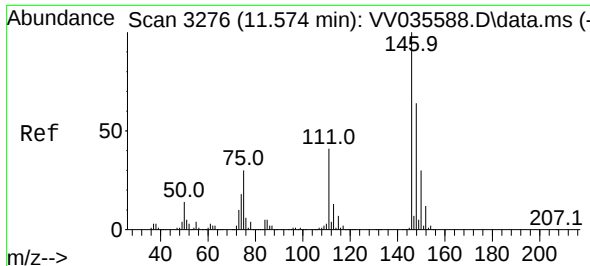
Ion Ratio Lower Upper

146 100

111 37.6 26.4 49.0

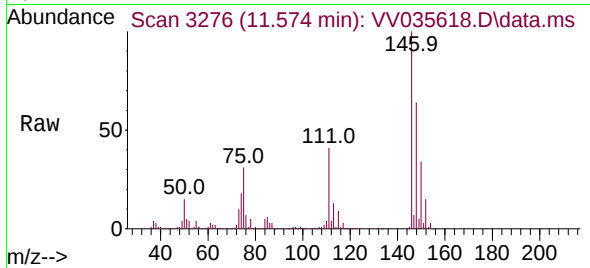
148 63.9 44.3 82.3



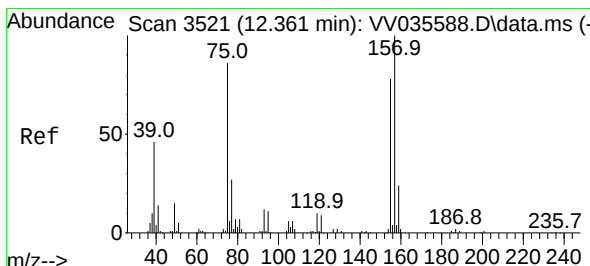
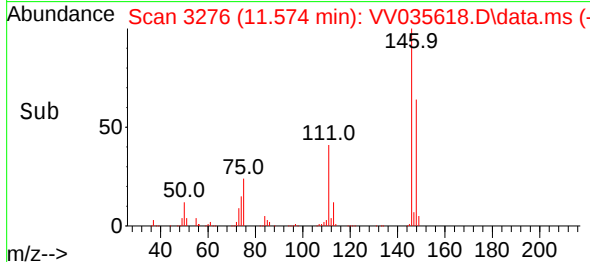
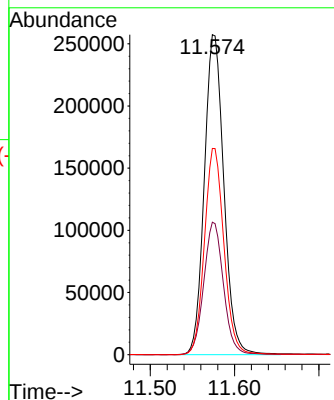


#67
1,2-Dichlorobenzene
Concen: 50.490 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Instrument :
MSVOA_V
ClientSampleId :

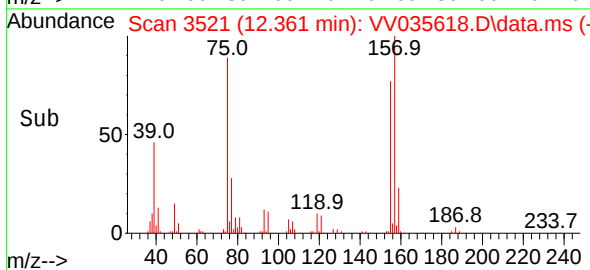
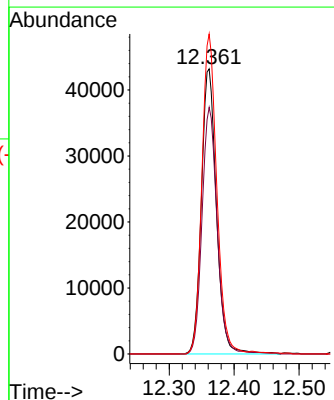
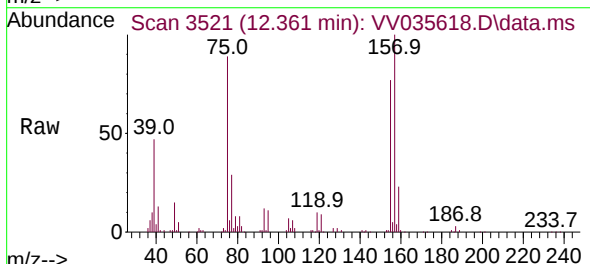


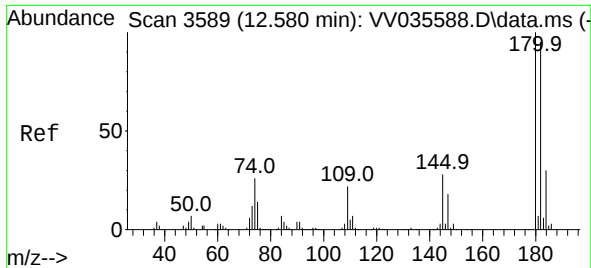
Tgt Ion:146 Resp: 415765
Ion Ratio Lower Upper
146 100
111 41.4 32.1 48.1
148 64.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 44.803 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035618.D
Acq: 16 May 2024 09:01

Tgt Ion: 75 Resp: 69676
Ion Ratio Lower Upper
75 100
155 86.5 71.4 107.2
157 112.3 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 50.610 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

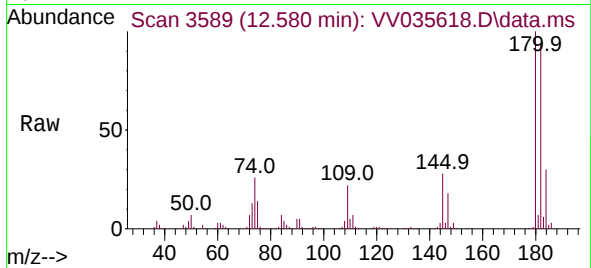
Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 302353

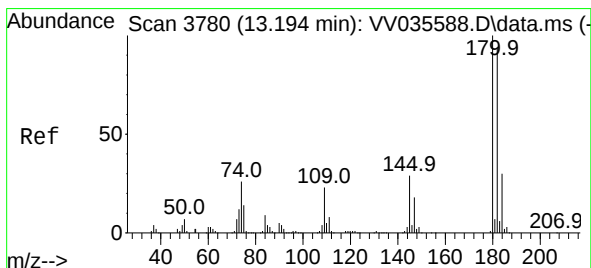
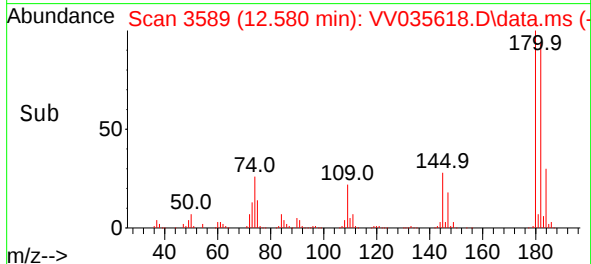
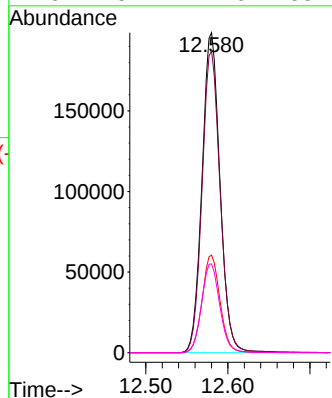
Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

184 30.4 24.1 36.1

145 28.1 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 49.002 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

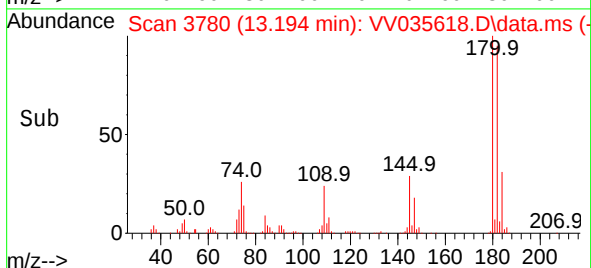
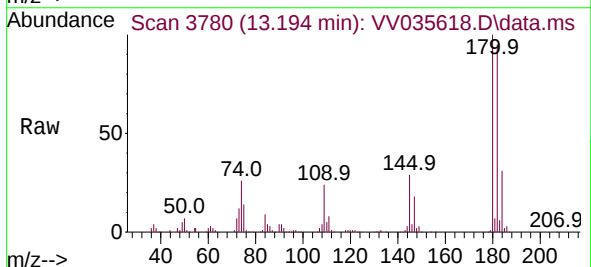
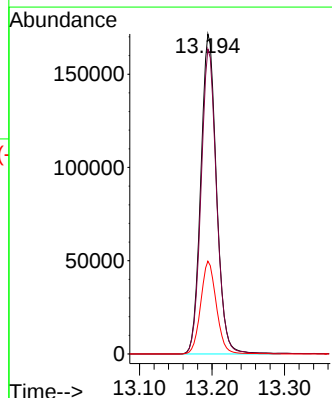
Tgt Ion:180 Resp: 257889

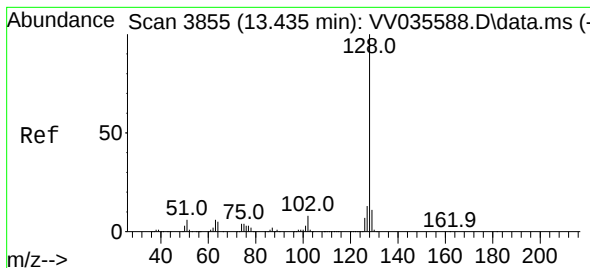
Ion Ratio Lower Upper

180 100

182 94.5 75.7 113.5

145 28.9 23.0 34.4





#71

Naphthalene

Concen: 46.224 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Instrument :

MSVOA_V

ClientSampleId :

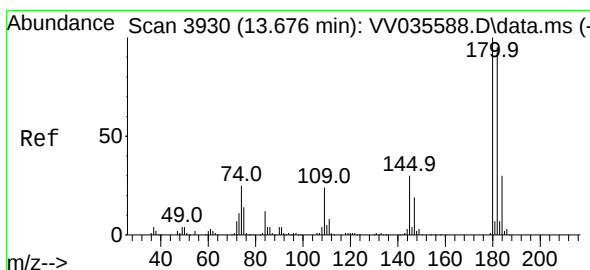
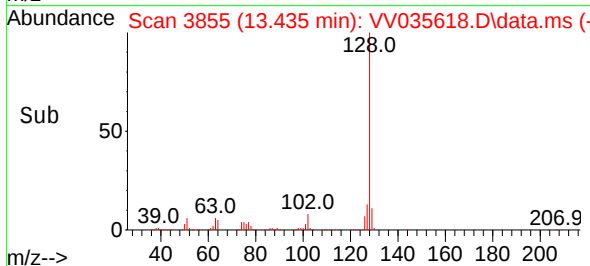
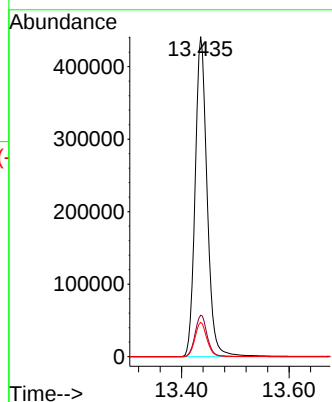
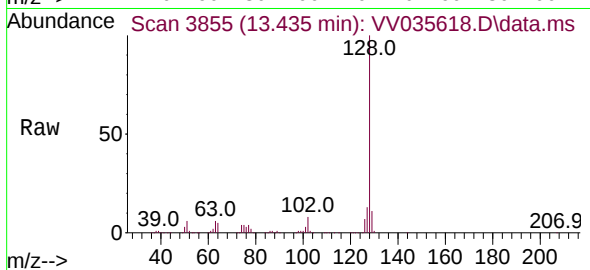
Tgt Ion:128 Resp: 681831

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.996 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035618.D

Acq: 16 May 2024 09:01

Tgt Ion:180 Resp: 284044

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 30.8 24.9 37.3

