

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057405.D
 Acq On : 09 Jan 2024 00:21
 Operator : MD/SY
 Sample : 05787-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:09:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	271882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79437	41.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.080%
7) Chloroethane-d5	1.914	69	62306	42.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.563	63	176150	43.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.920%
21) 2-Butanone-d5	4.631	46	89326	96.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.390%
24) Chloroform-d	5.055	84	197814	43.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	5.695	65	132150	44.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
32) Benzene-d6	5.721	84	336975	46.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
36) 1,2-Dichloropropane-d6	6.682	67	93327	45.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.620%
41) Toluene-d8	7.891	98	313646	45.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	8.174	79	57486	46.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.520%
47) 2-Hexanone-d5	8.637	63	68371	101.534	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.530%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	141218	45.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	12.187	152	120075	46.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	147472	46.522	ug/L	100
3) Chloromethane	1.518	50	95157	47.839	ug/L	100
5) Vinyl chloride	1.605	62	101798	47.805	ug/L	100
6) Bromomethane	1.859	94	66006	46.832	ug/L	97
8) Chloroethane	1.933	64	56074	45.019	ug/L	90
9) Trichlorofluoromethane	2.133	101	210163	47.301	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98393	46.112	ug/L	100
12) 1,1-Dichloroethene	2.573	96	88978	47.259	ug/L	95
13) Acetone	2.647	43	76732	67.995	ug/L	96
14) Carbon disulfide	2.789	76	276036	47.335	ug/L	98
15) Methyl Acetate	2.949	43	65030	44.172	ug/L	99
16) Methylene chloride	3.043	84	100966	47.166	ug/L	99
17) trans-1,2-Dichloroethene	3.348	96	92783	48.171	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	312640	50.709	ug/L	99
19) 1,1-Dichloroethane	3.859	63	172405	48.349	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	103266	50.120	ug/L	96
22) 2-Butanone	4.711	43	95562	85.941	ug/L	94
23) Bromochloromethane	4.965	128	56385	47.674	ug/L	99
25) Chloroform	5.081	83	206870	47.802	ug/L	99

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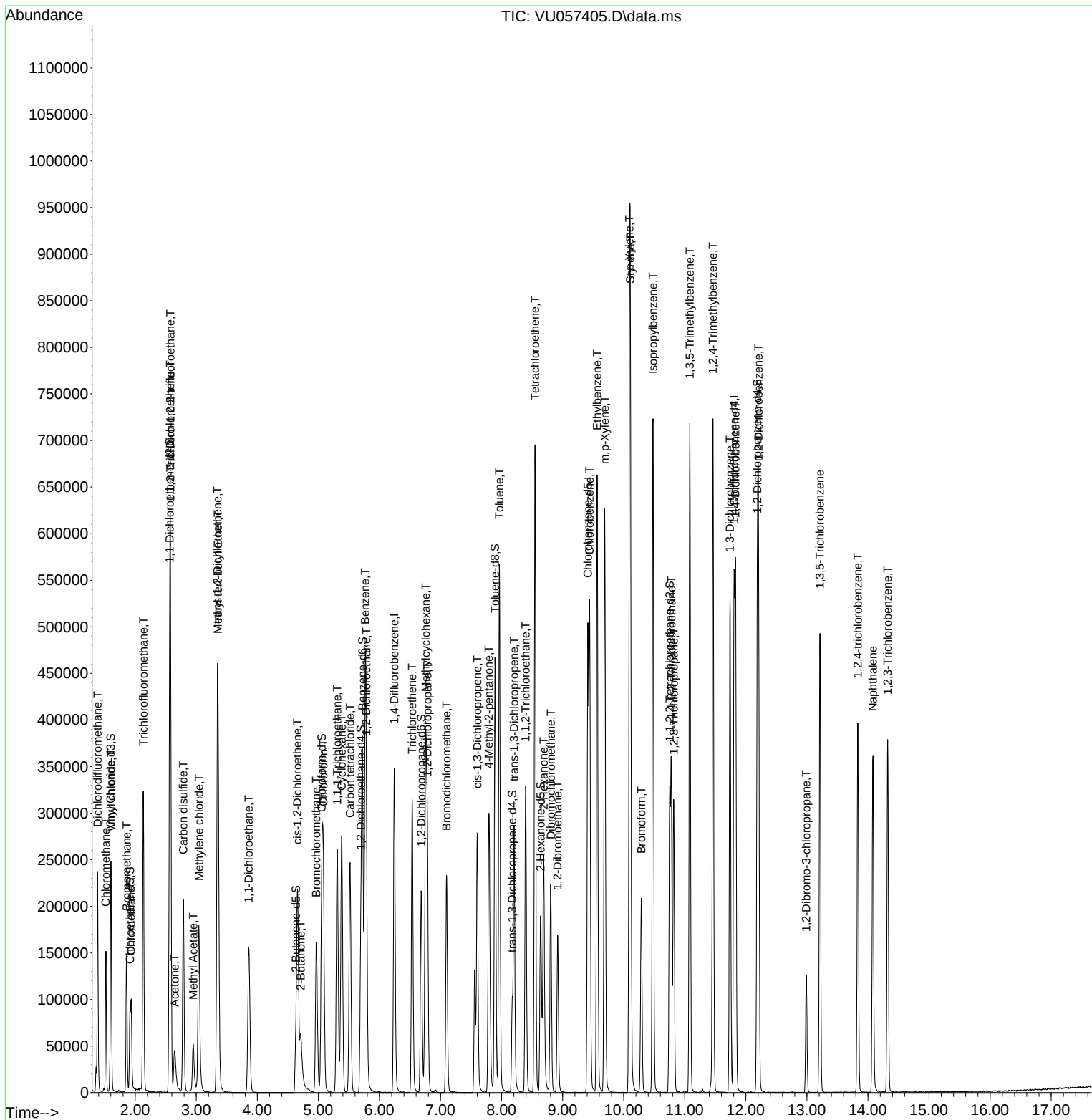
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 MSVOA_U
 ClientSampleId :

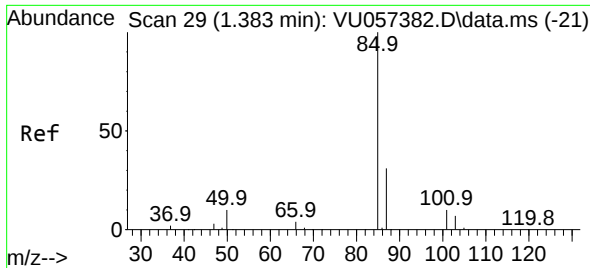
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 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	176540	48.429	ug/L	97
29) Cyclohexane	5.380	56	128997	50.149	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	200955	48.040	ug/L	100
31) Carbon tetrachloride	5.518	117	180693	48.702	ug/L	99
33) Benzene	5.766	78	383839	50.236	ug/L	100
34) Trichloroethene	6.534	95	110511	49.540	ug/L	98
35) Methylcyclohexane	6.756	83	149145	49.142	ug/L	99
37) 1,2-Dichloropropane	6.785	63	92860	49.250	ug/L	100
38) Bromodichloromethane	7.097	83	155072	48.550	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	165138	50.017	ug/L	98
40) 4-Methyl-2-pentanone	7.792	43	210900	109.779	ug/L	99
42) Toluene	7.962	91	419061	51.005	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	166634	50.272	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	101593	48.970	ug/L	97
46) Tetrachloroethene	8.547	164	145034	85.949	ug/L	99
48) 2-Hexanone	8.689	43	159001	102.872	ug/L	98
49) Dibromochloromethane	8.804	129	120109	47.506	ug/L	100
50) 1,2-Dibromoethane	8.917	107	111250	50.554	ug/L	93
51) Chlorobenzene	9.441	112	272489	49.359	ug/L	97
52) Ethylbenzene	9.563	91	466950	51.038	ug/L	99
53) m,p-Xylene	9.689	106	170139	49.748	ug/L	96
54) o-Xylene	10.094	106	170325	50.996	ug/L	98
55) Styrene	10.110	104	293351	51.867	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	159209	50.894	ug/L	96
59) Bromoform	10.287	173	95779	49.716	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	130605	51.896	ug/L	99
61) Isopropylbenzene	10.480	105	465669	53.517	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	398297	53.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	396897	54.333	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	210649	51.369	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	210117	49.916	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	206209	49.891	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	35113	52.251	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	147027	50.088	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	115351	51.615	ug/L	99
71) Naphthalene	14.081	128	288840	55.314	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	114003	53.941	ug/L	98

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

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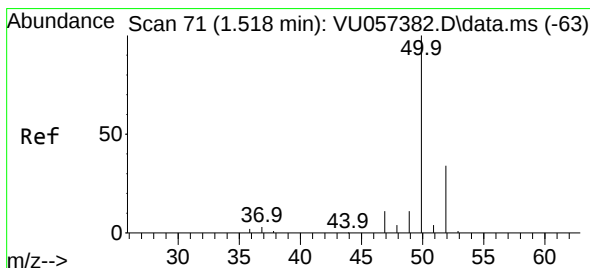
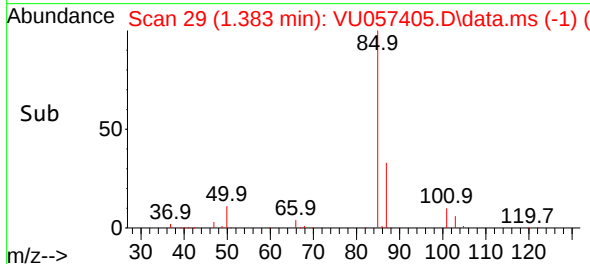
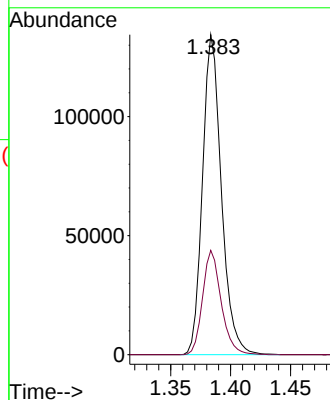
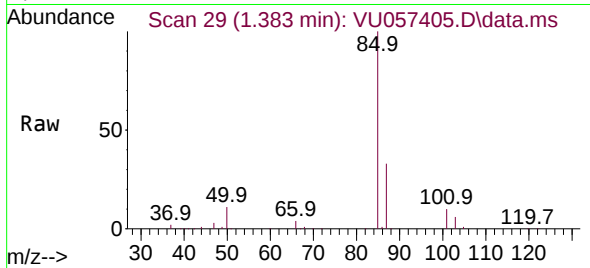




#2
 Dichlorodifluoromethane
 Concen: 46.522 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057405.D
 Acq: 09 Jan 2024 00:21

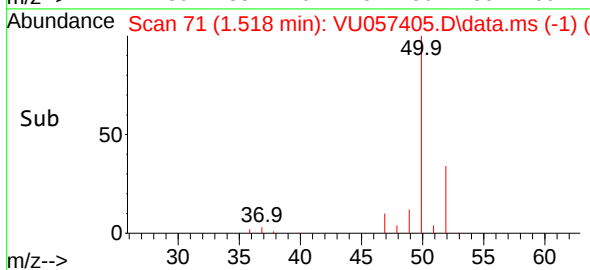
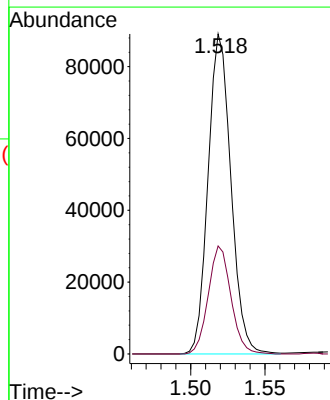
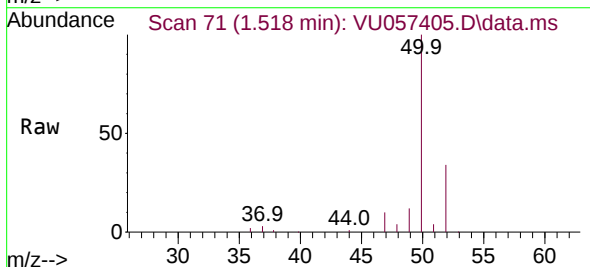
Instrument :
 MSVOA_U
 ClientSampleId :

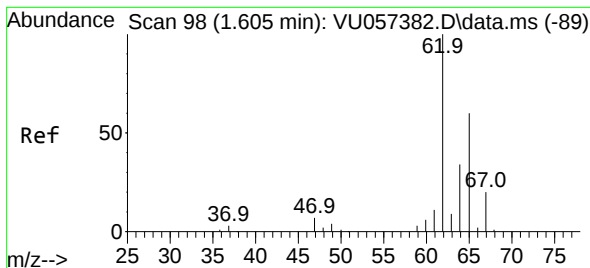
Tgt Ion: 85 Resp: 147472
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 47.839 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057405.D
 Acq: 09 Jan 2024 00:21

Tgt Ion: 50 Resp: 95157
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9





#5

Vinyl chloride

Concen: 47.805 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

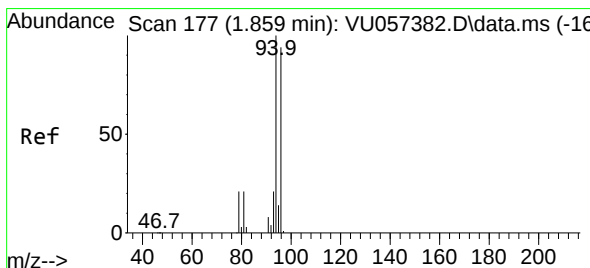
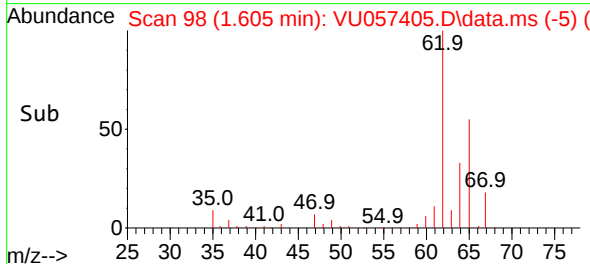
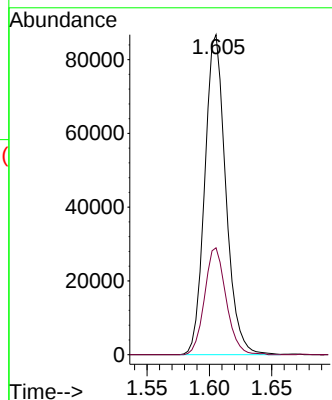
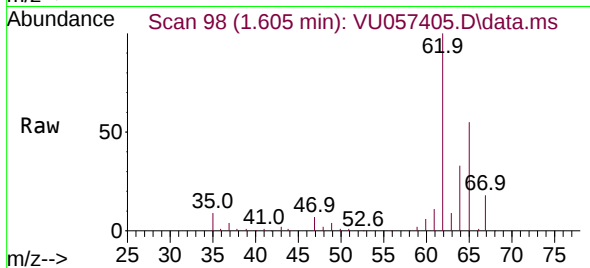
ClientSampleId :

Tgt Ion: 62 Resp: 101798

Ion Ratio Lower Upper

62 100

64 33.4 23.3 43.3



#6

Bromomethane

Concen: 46.832 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU057405.D

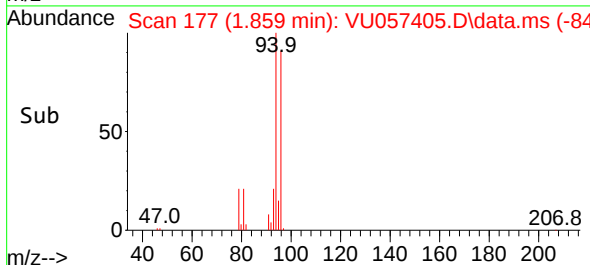
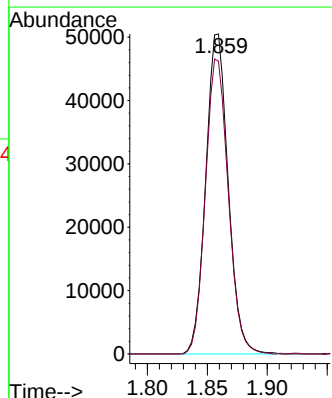
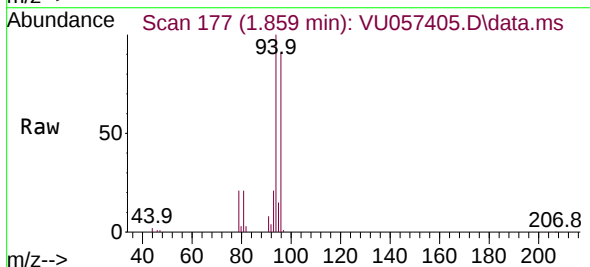
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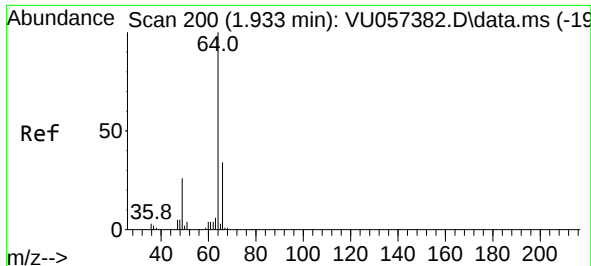
Tgt Ion: 94 Resp: 66006

Ion Ratio Lower Upper

94 100

96 91.5 65.9 122.5

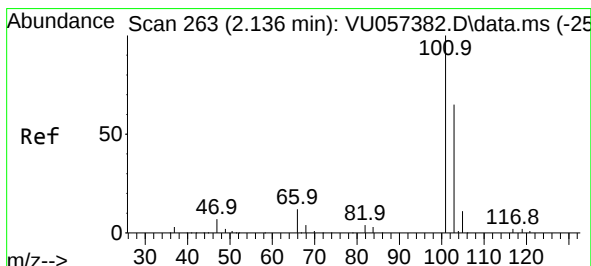
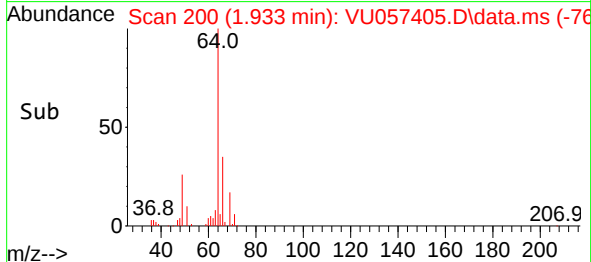
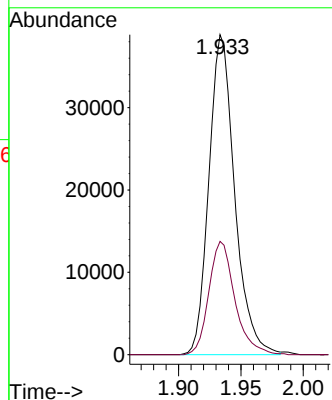
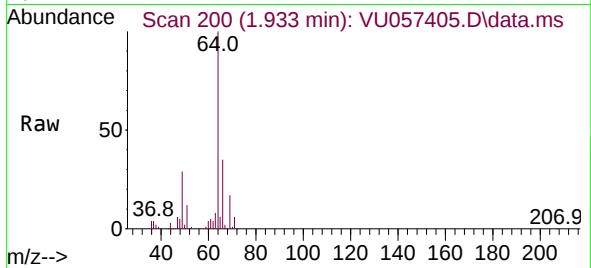




#8
Chloroethane
Concen: 45.019 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

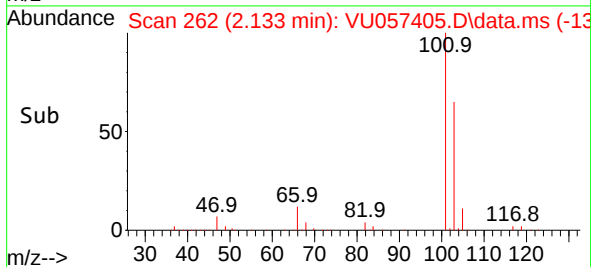
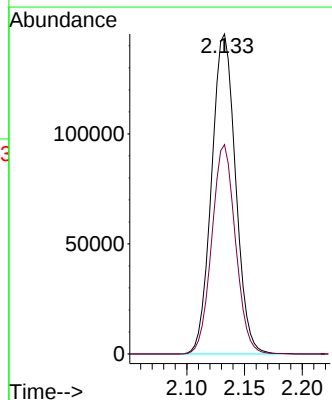
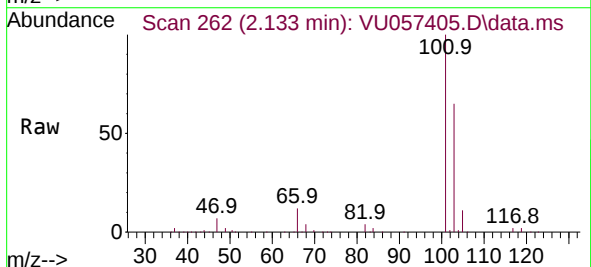
Instrument :
MSVOA_U
ClientSampleId :

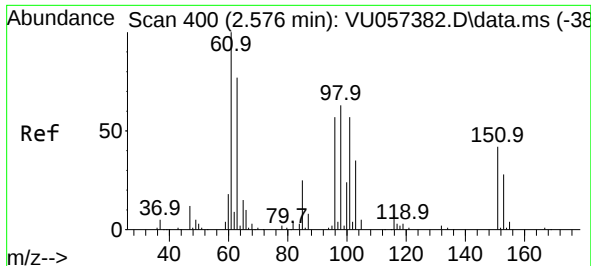
Tgt Ion: 64 Resp: 56074
Ion Ratio Lower Upper
64 100
66 35.4 20.9 38.9



#9
Trichlorofluoromethane
Concen: 47.301 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:101 Resp: 210163
Ion Ratio Lower Upper
101 100
103 64.5 53.4 80.0

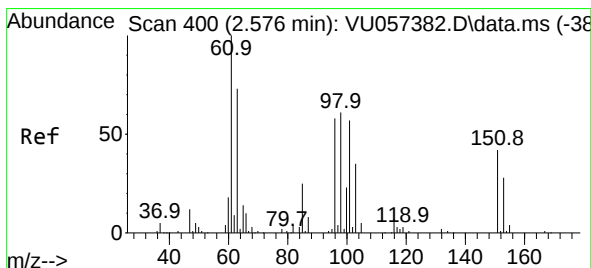
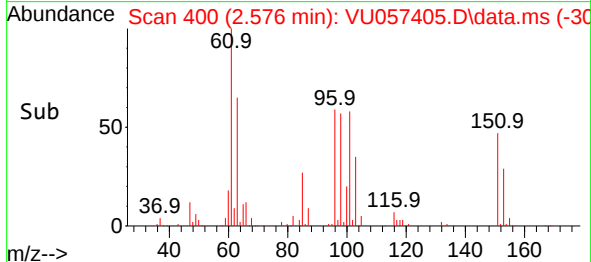
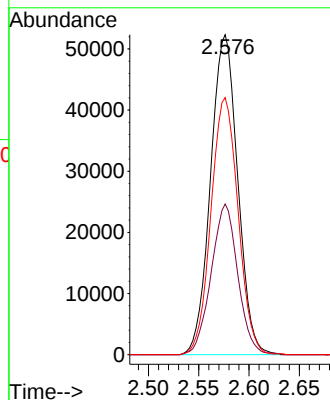
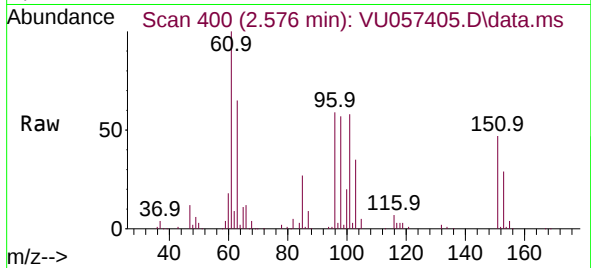




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.112 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

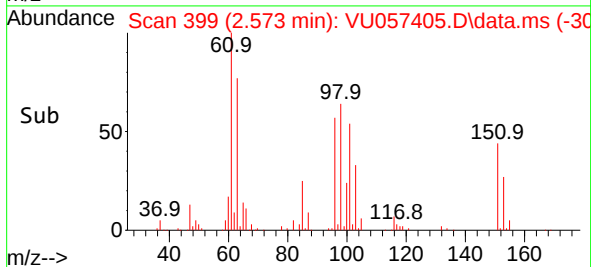
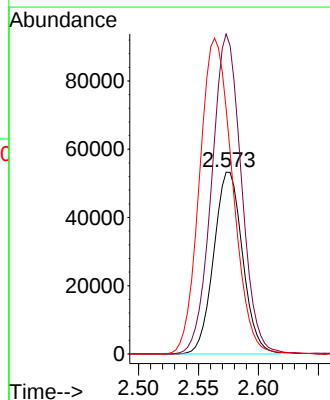
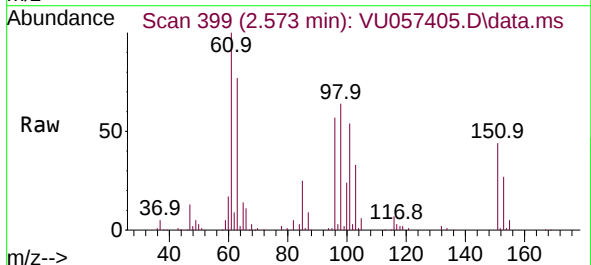
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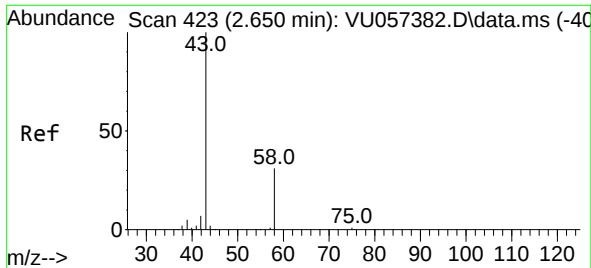
Tgt Ion:101 Resp: 98393
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.4
151 80.0 63.7 95.5



#12
1,1-Dichloroethene
Concen: 47.259 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 96 Resp: 88978
Ion Ratio Lower Upper
96 100
61 176.1 128.3 238.3
63 135.1 90.4 168.0





#13

Acetone

Concen: 67.995 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

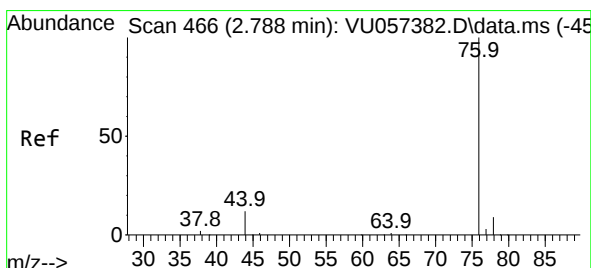
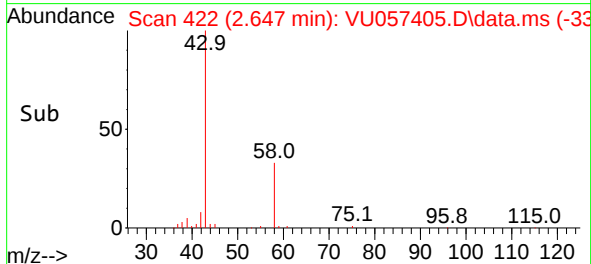
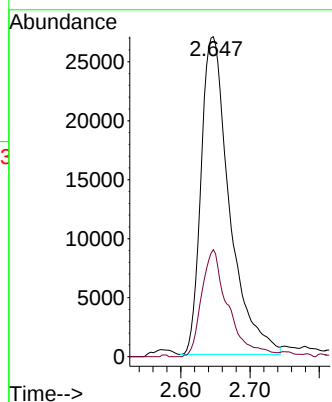
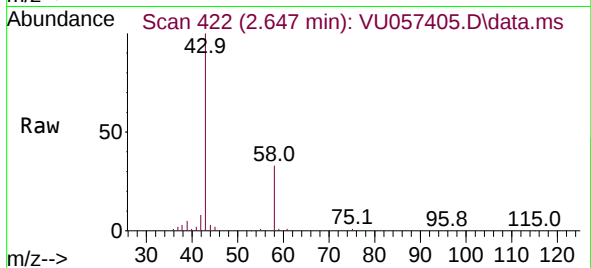
ClientSampleId :

Tgt Ion: 43 Resp: 76732

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.2



#14

Carbon disulfide

Concen: 47.335 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.001 min

Lab File: VU057405.D

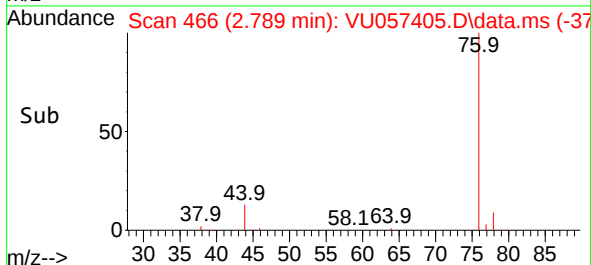
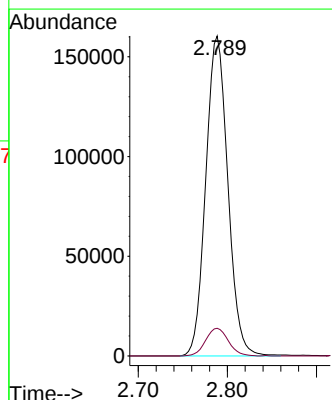
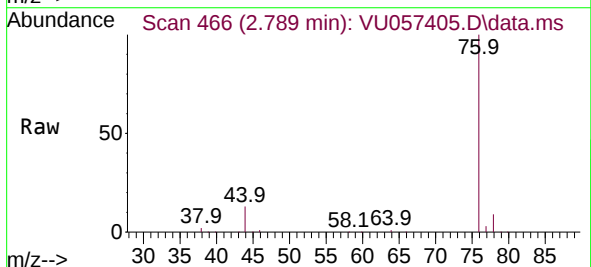
Acq: 09 Jan 2024 00:21

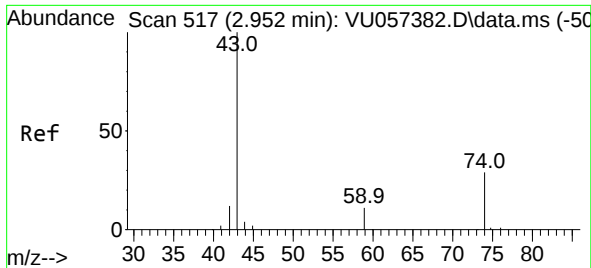
Tgt Ion: 76 Resp: 276036

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

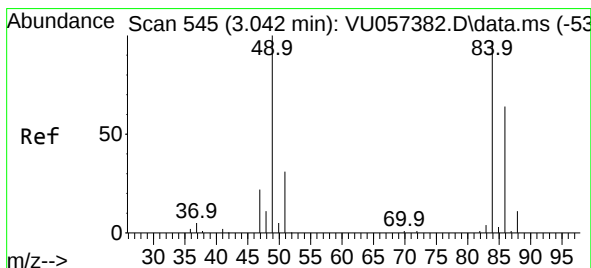
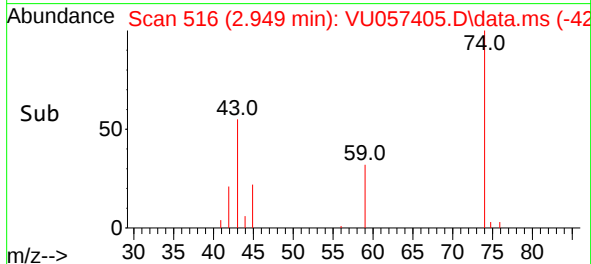
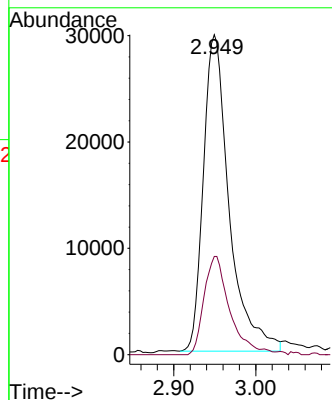
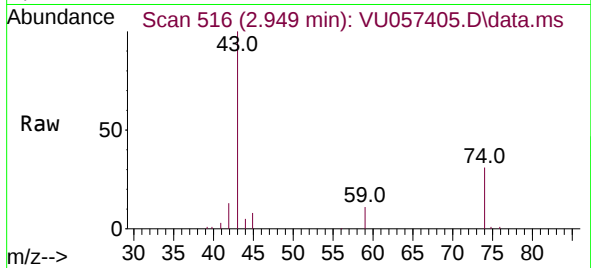




#15
Methyl Acetate
Concen: 44.172 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

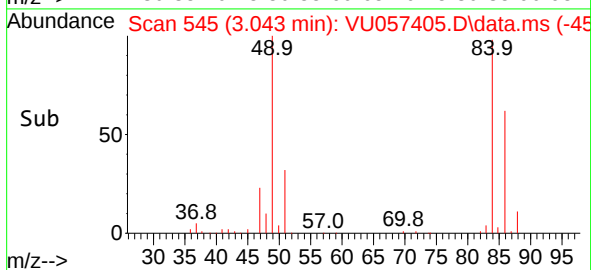
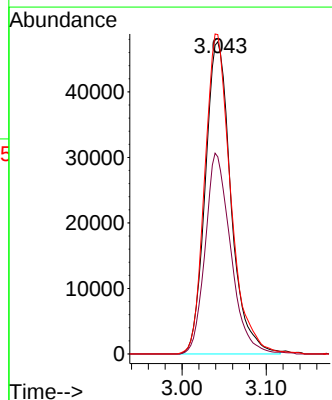
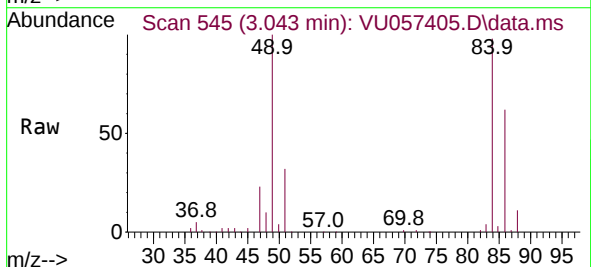
Instrument :
MSVOA_U
ClientSampleId :

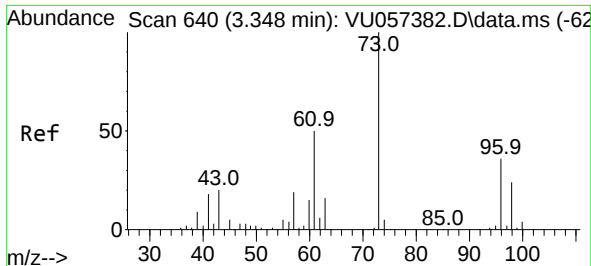
Tgt Ion: 43 Resp: 65030
Ion Ratio Lower Upper
43 100
74 30.2 24.6 36.8



#16
Methylene chloride
Concen: 47.166 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.001 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 84 Resp: 100966
Ion Ratio Lower Upper
84 100
86 63.2 44.3 82.3
49 102.3 72.2 134.2

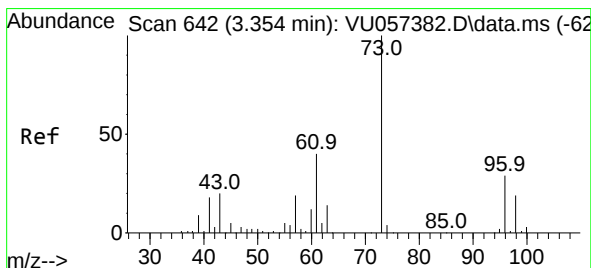
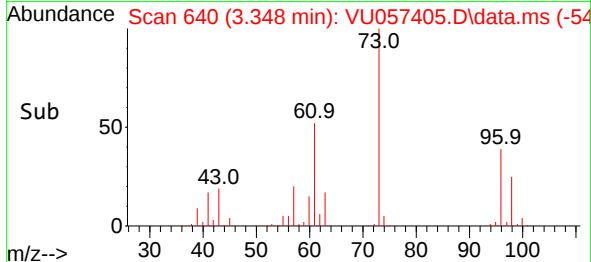
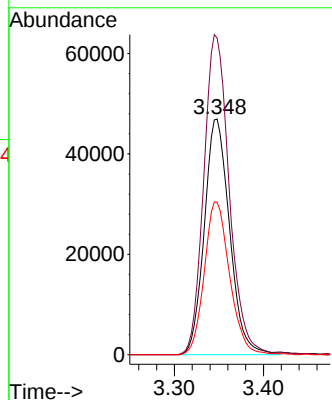
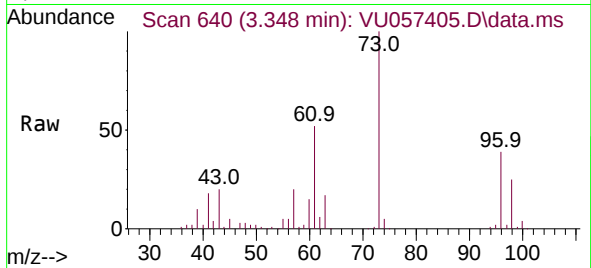




#17
trans-1,2-Dichloroethene
Concen: 48.171 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

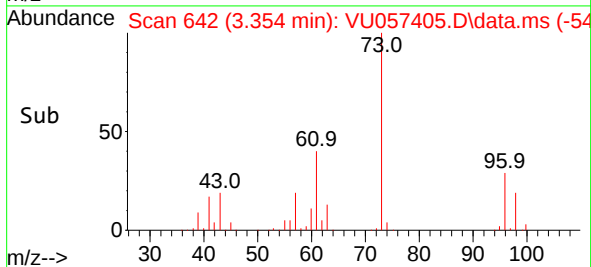
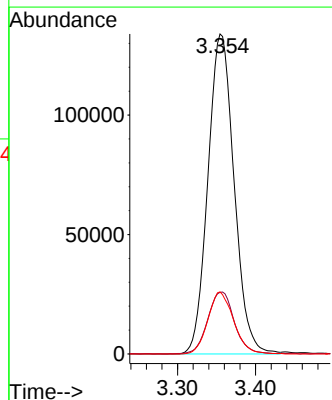
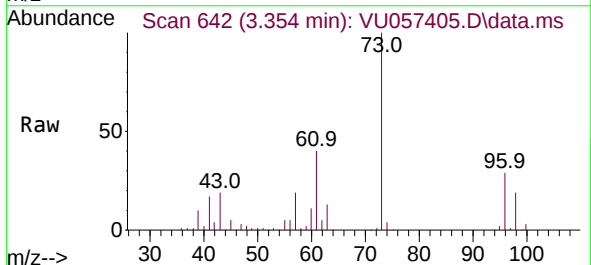
Instrument :
MSVOA_U
ClientSampleId :

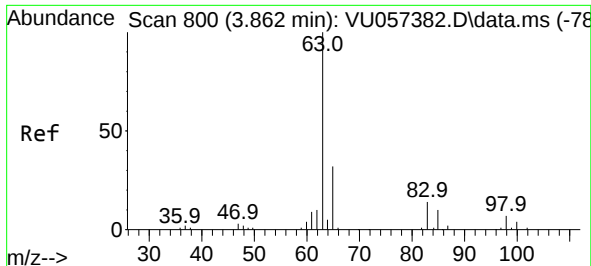
Tgt Ion: 96 Resp: 92783
Ion Ratio Lower Upper
96 100
61 134.4 93.9 174.5
98 64.7 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 50.709 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 73 Resp: 312640
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 19.1 15.0 22.6





#19

1,1-Dichloroethane

Concen: 48.349 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

ClientSampleId :

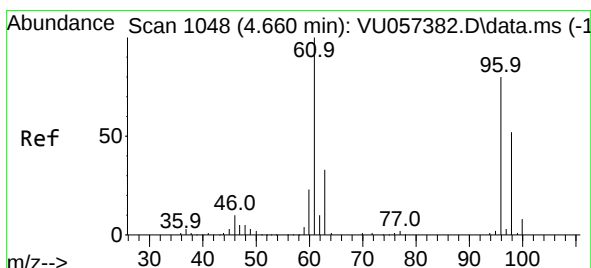
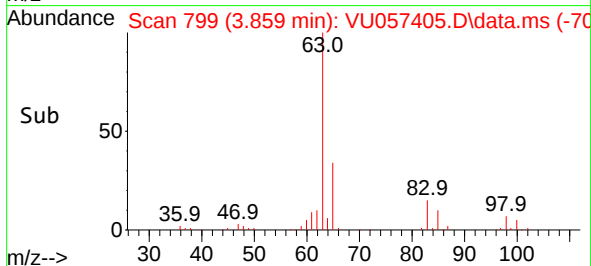
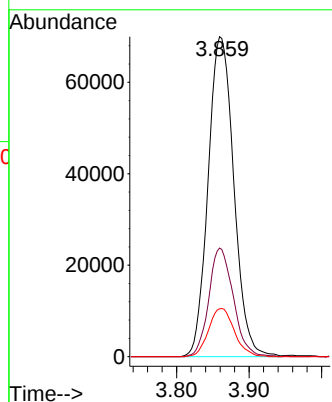
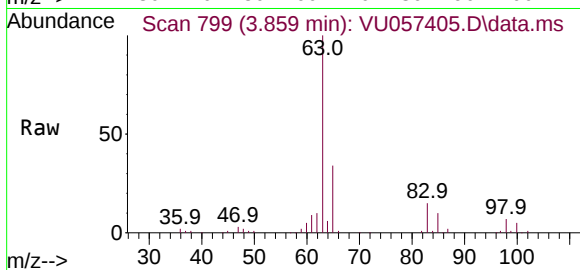
Tgt Ion: 63 Resp: 172405

Ion Ratio Lower Upper

63 100

65 33.9 22.4 41.6

83 14.9 11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 50.120 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

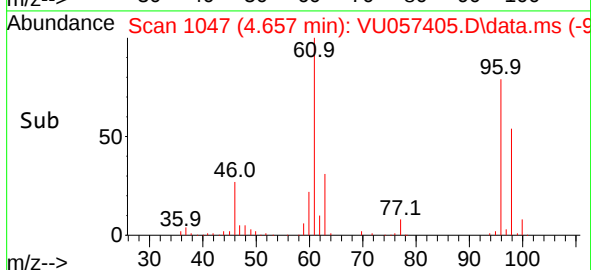
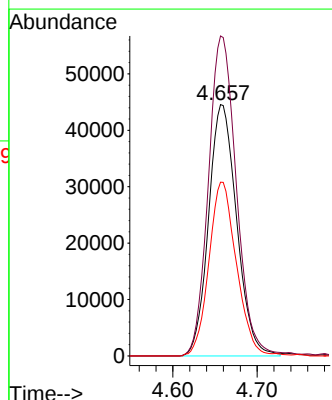
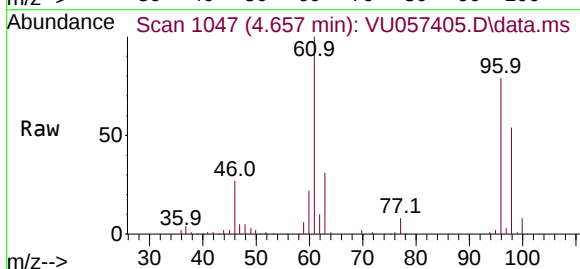
Tgt Ion: 96 Resp: 103266

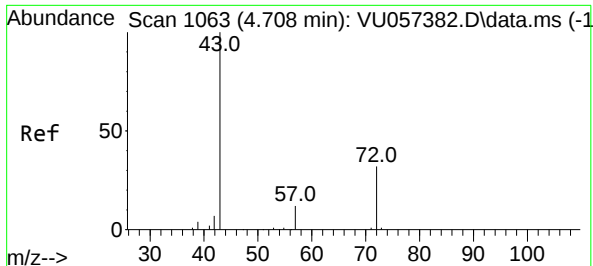
Ion Ratio Lower Upper

96 100

61 127.3 88.0 163.4

98 69.1 43.4 80.6

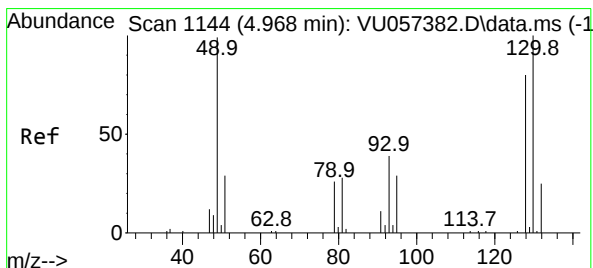
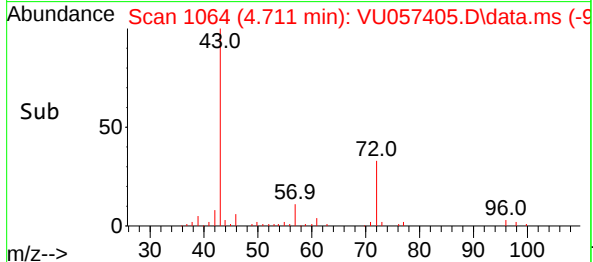
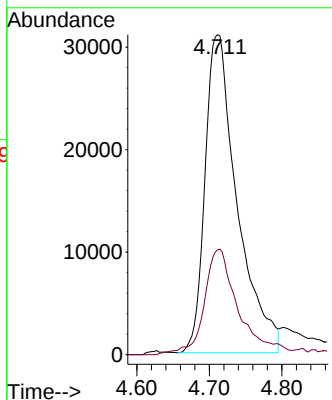
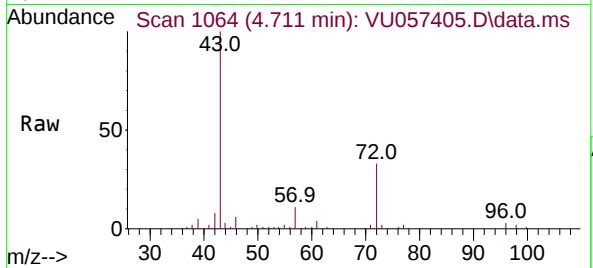




#22
2-Butanone
Concen: 85.941 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

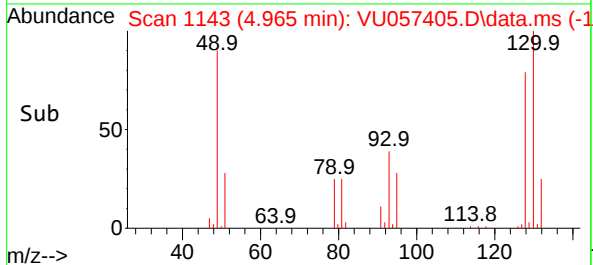
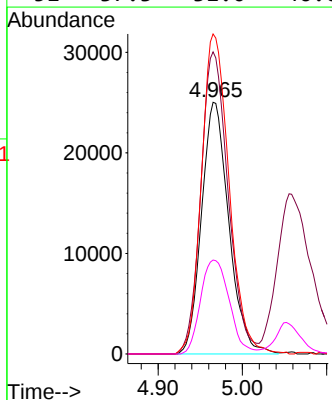
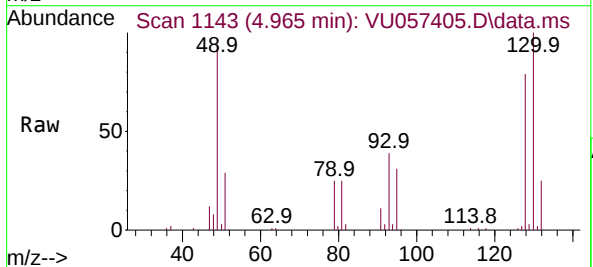
Instrument :
MSVOA_U
ClientSampleId :

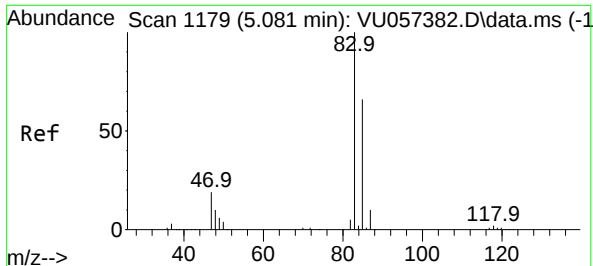
Tgt Ion: 43 Resp: 95562
Ion Ratio Lower Upper
43 100
72 27.2 15.2 45.6



#23
Bromochloromethane
Concen: 47.674 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 128 Resp: 56385
Ion Ratio Lower Upper
128 100
49 120.0 83.4 154.8
130 127.2 87.6 162.6
51 37.3 31.0 46.6





#25

Chloroform

Concen: 47.802 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

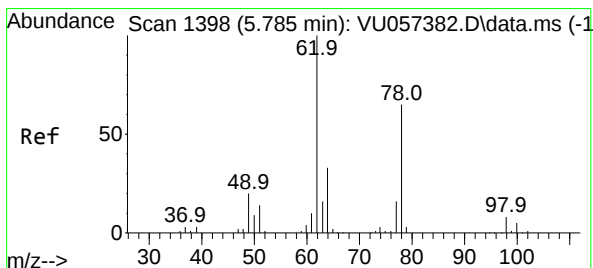
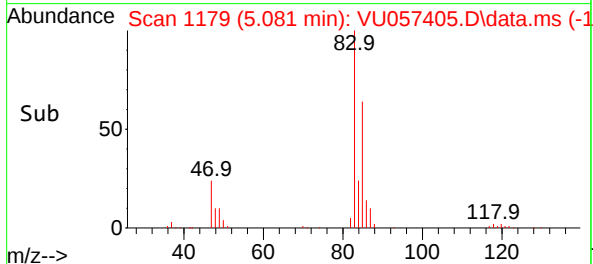
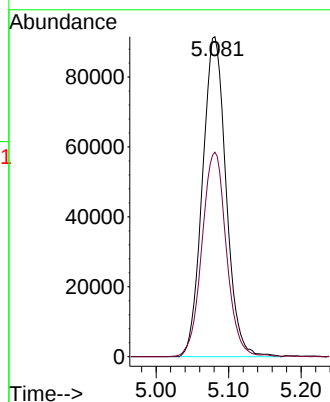
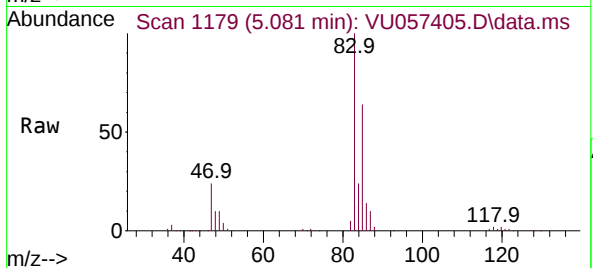
ClientSampleId :

Tgt Ion: 83 Resp: 206870

Ion Ratio Lower Upper

83 100

85 63.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 48.429 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU057405.D

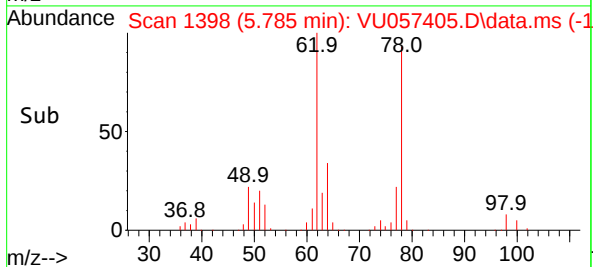
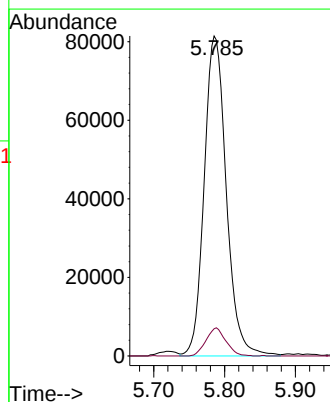
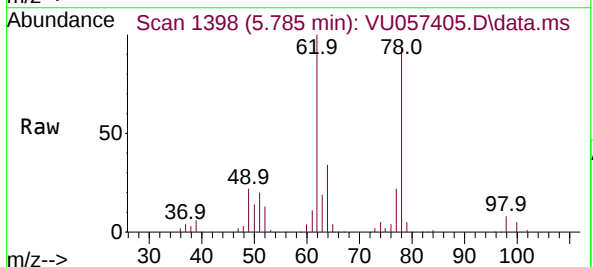
Acq: 09 Jan 2024 00:21

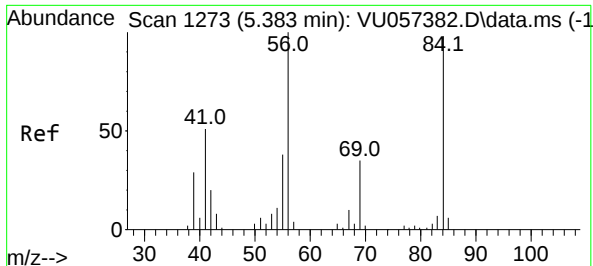
Tgt Ion: 62 Resp: 176540

Ion Ratio Lower Upper

62 100

98 8.5 6.1 9.1





#29

Cyclohexane

Concen: 50.149 ug/L

RT: 5.380 min Scan# 1273

Delta R.T. -0.003 min

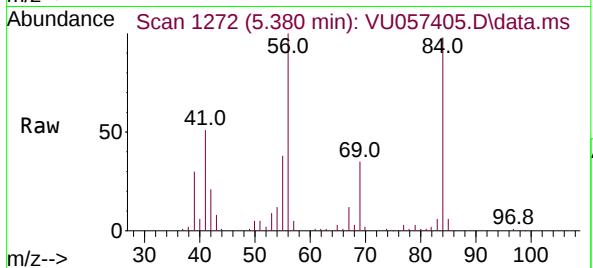
Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

ClientSampleId :



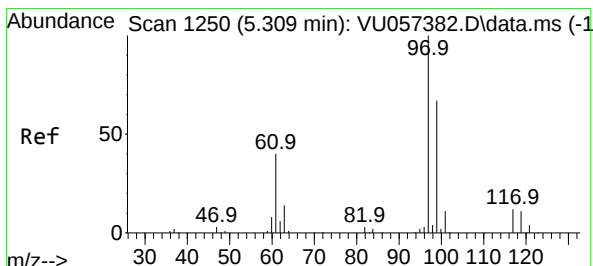
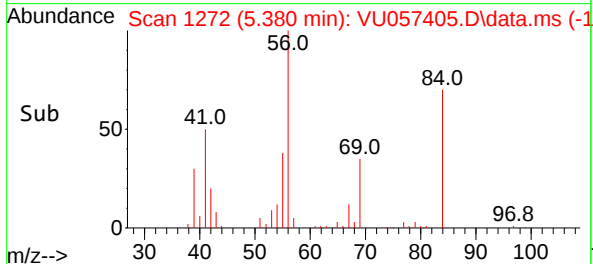
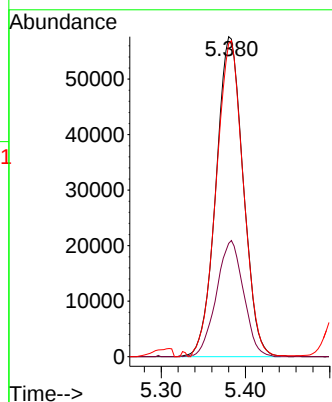
Tgt Ion: 56 Resp: 128997

Ion Ratio Lower Upper

56 100

69 36.2 27.8 41.8

84 98.4 79.3 118.9



#30

1,1,1-Trichloroethane

Concen: 48.040 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

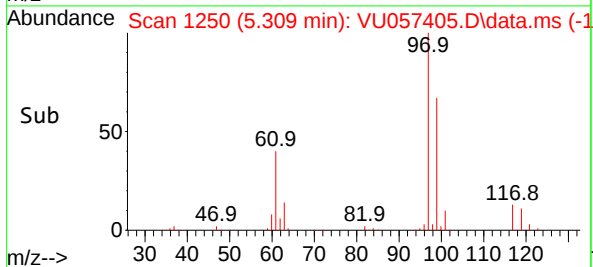
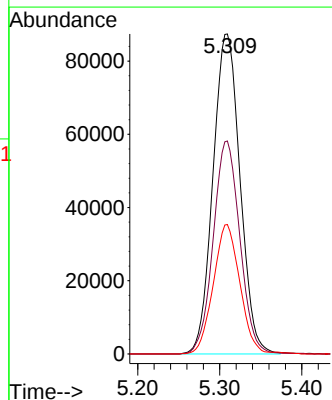
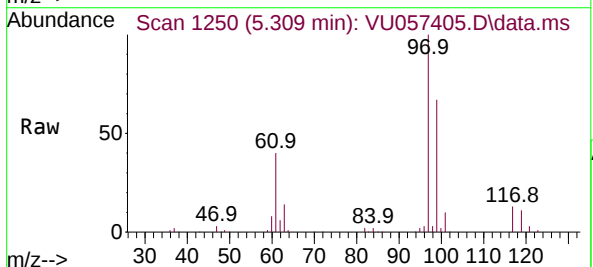
Tgt Ion: 97 Resp: 200955

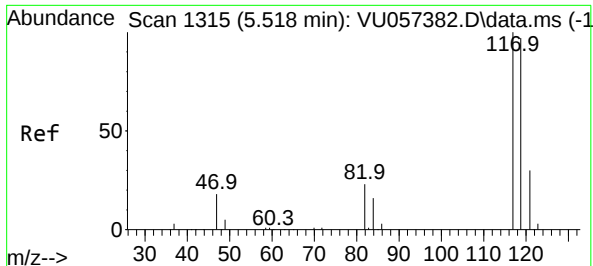
Ion Ratio Lower Upper

97 100

99 65.4 52.1 78.1

61 39.6 31.9 47.9

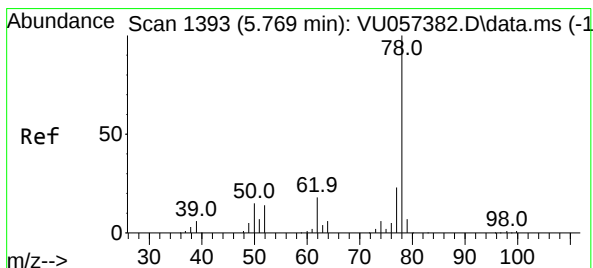
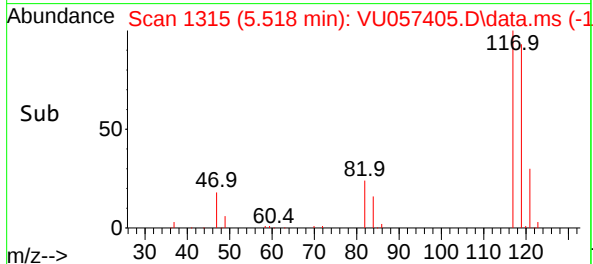
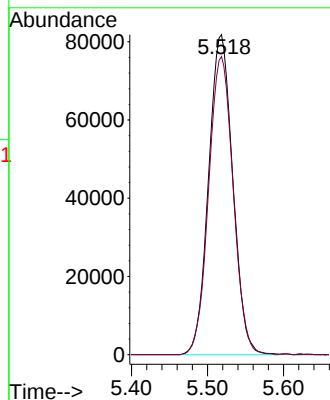
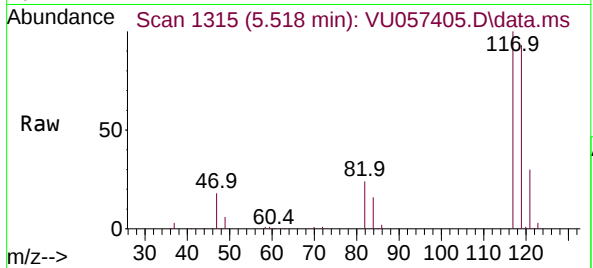




#31
Carbon tetrachloride
Concen: 48.702 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

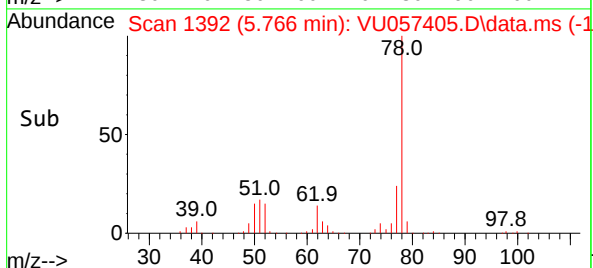
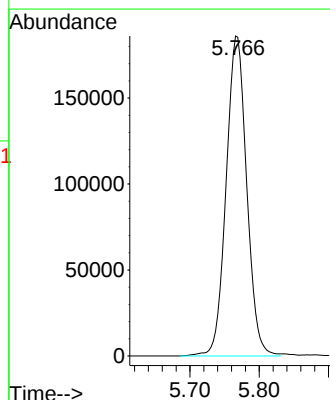
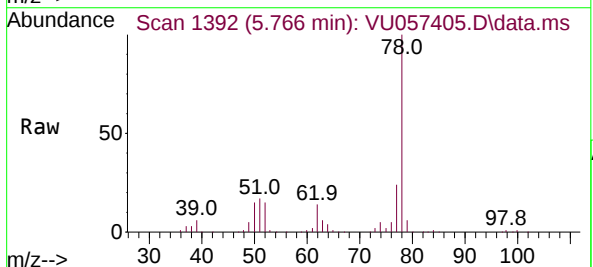
Instrument :
MSVOA_U
ClientSampleId :

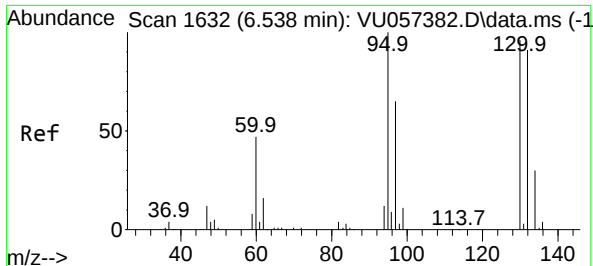
Tgt Ion:117 Resp: 180693
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7



#33
Benzene
Concen: 50.236 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

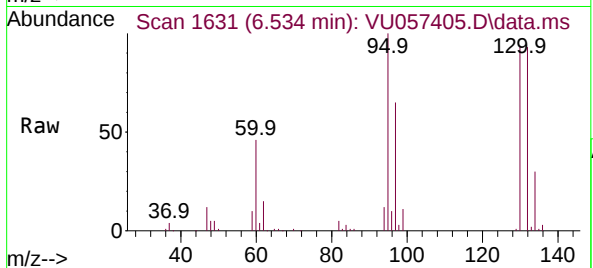
Tgt Ion: 78 Resp: 383839



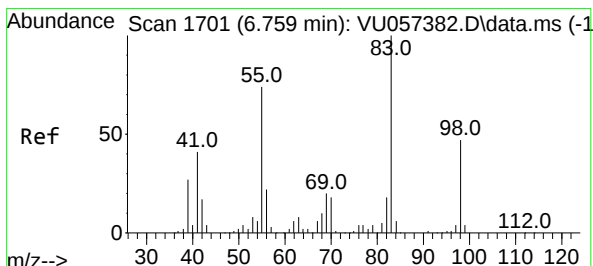
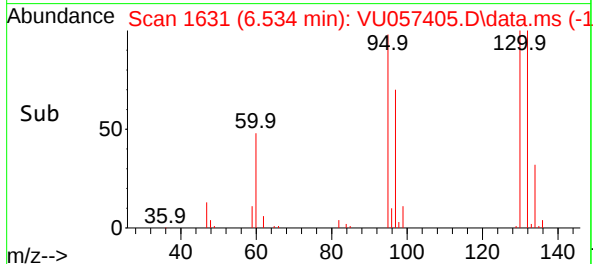
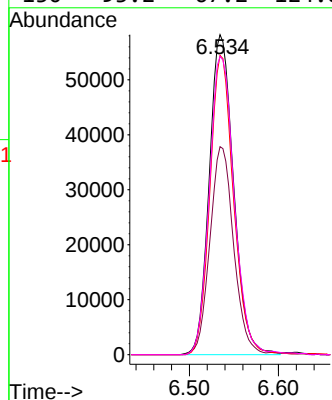


#34
Trichloroethene
Concen: 49.540 ug/L
RT: 6.534 min Scan# 110511
Delta R.T. -0.004 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Instrument :
MSVOA_U
ClientSampleId :

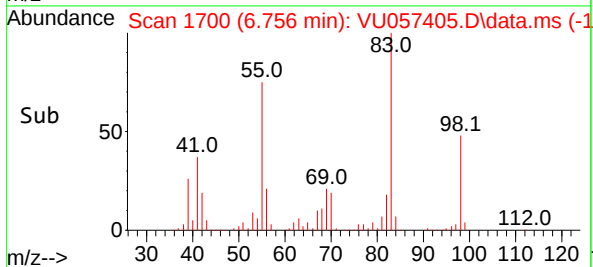
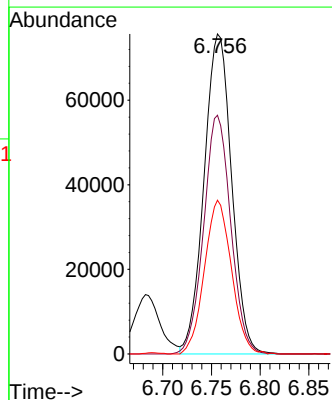
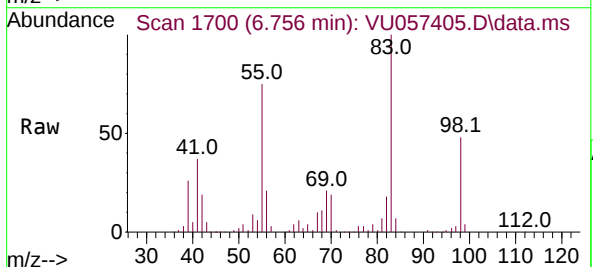


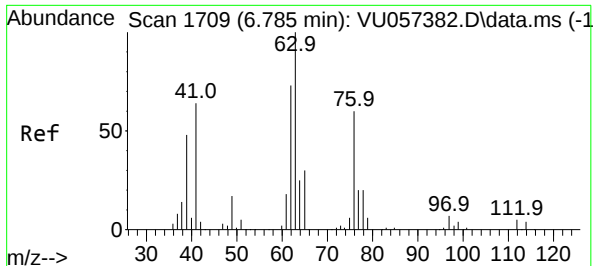
Tgt Ion: 95 Resp: 110511
Ion Ratio Lower Upper
95 100
97 65.0 46.2 85.8
132 93.5 64.3 119.5
130 93.2 67.2 124.8



#35
Methylcyclohexane
Concen: 49.142 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 83 Resp: 149145
Ion Ratio Lower Upper
83 100
55 73.3 58.0 87.0
98 46.9 36.6 55.0





#37

1,2-Dichloropropane

Concen: 49.250 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

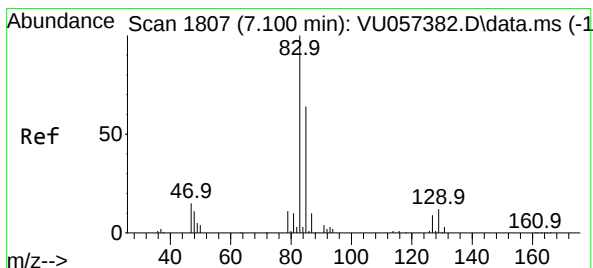
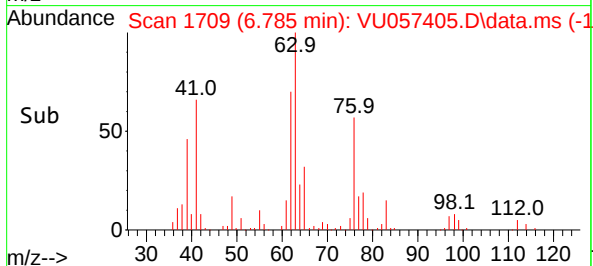
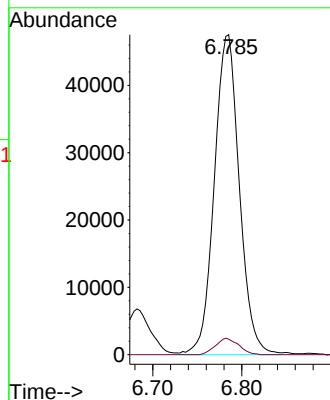
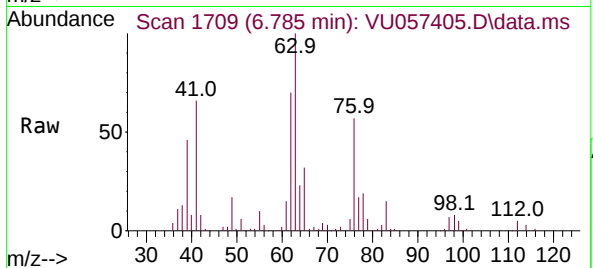
ClientSampleId :

Tgt Ion: 63 Resp: 92860

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 48.550 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

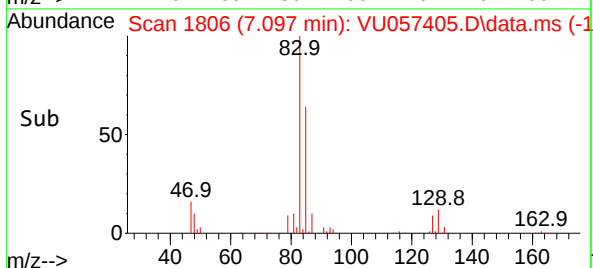
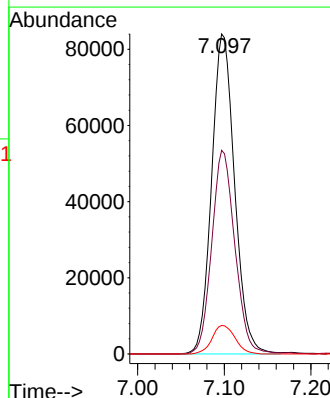
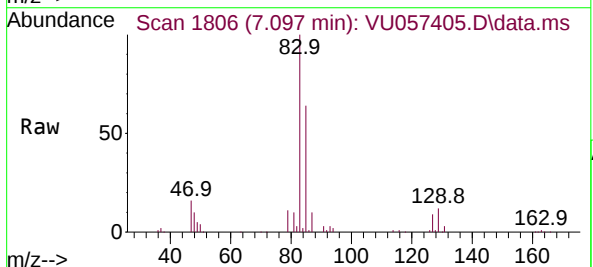
Tgt Ion: 83 Resp: 155072

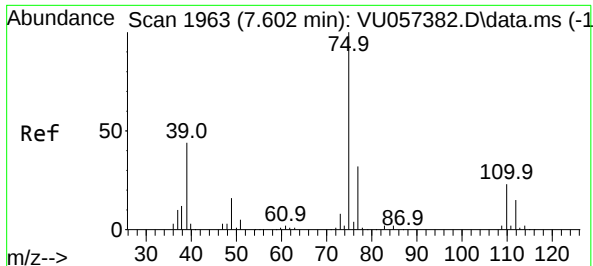
Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

127 8.9 7.7 11.5

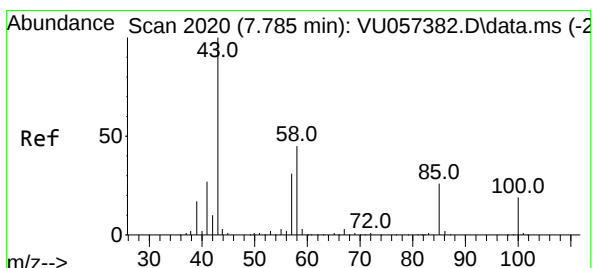
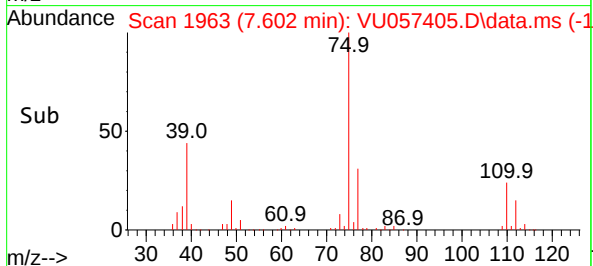
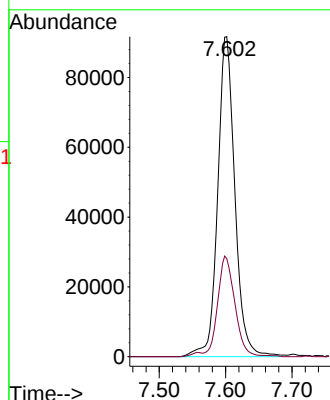
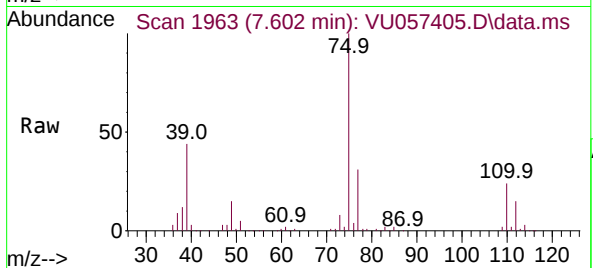




#39
cis-1,3-Dichloropropene
Concen: 50.017 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

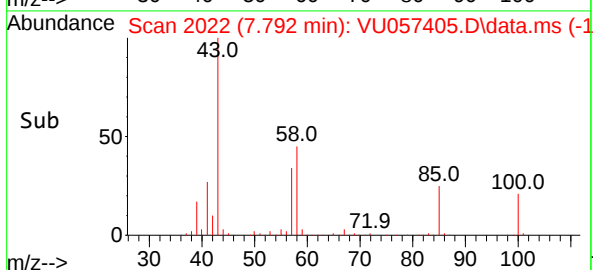
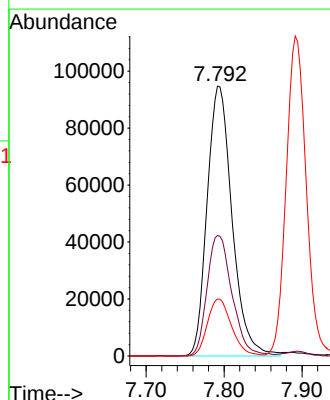
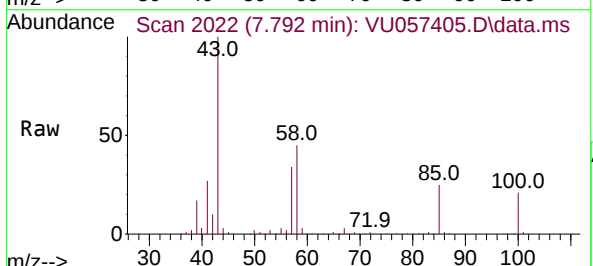
Instrument :
MSVOA_U
ClientSampleId :

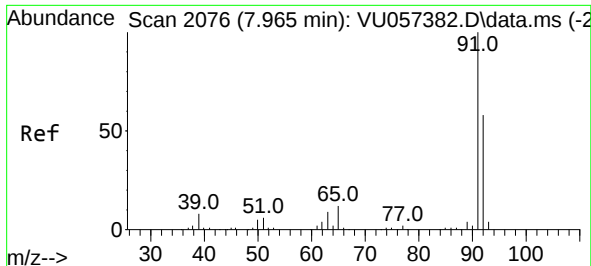
Tgt Ion: 75 Resp: 165138
Ion Ratio Lower Upper
75 100
77 30.7 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 109.779 ug/L
RT: 7.792 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 43 Resp: 210900
Ion Ratio Lower Upper
43 100
58 44.6 36.2 54.4
100 20.3 16.6 24.8





#42

Toluene

Concen: 51.005 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

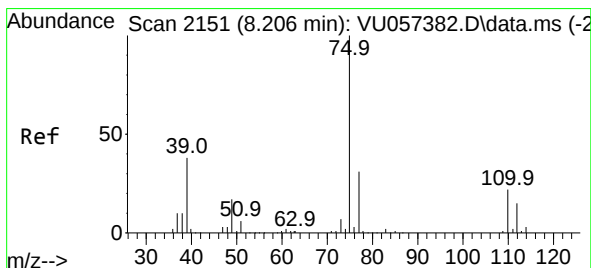
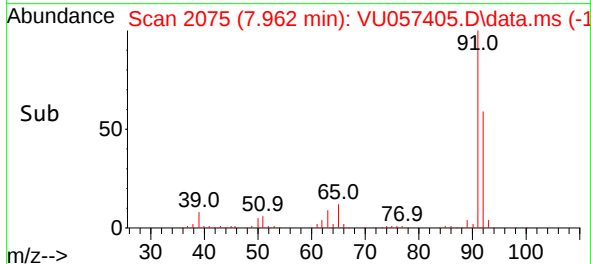
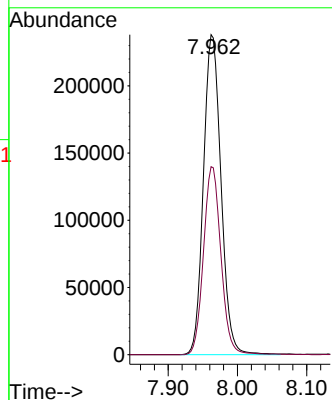
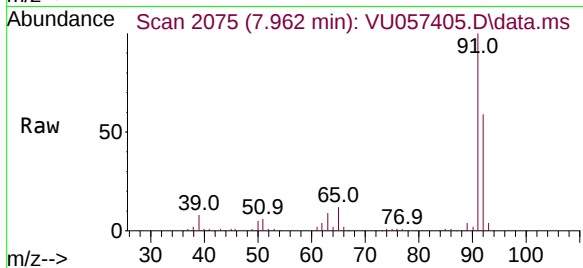
ClientSampleId :

Tgt Ion: 91 Resp: 419061

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 50.272 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057405.D

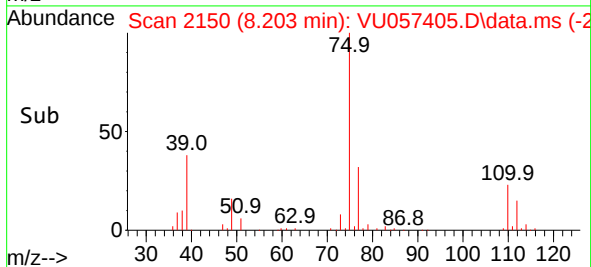
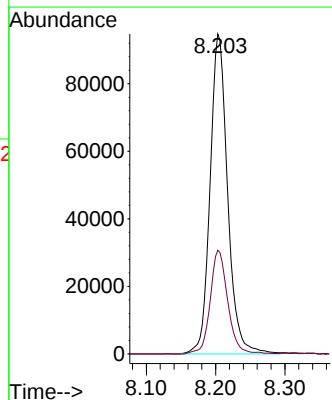
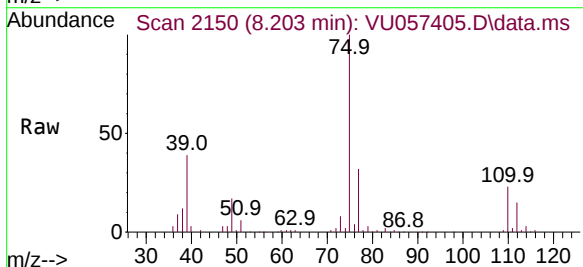
Acq: 09 Jan 2024 00:21

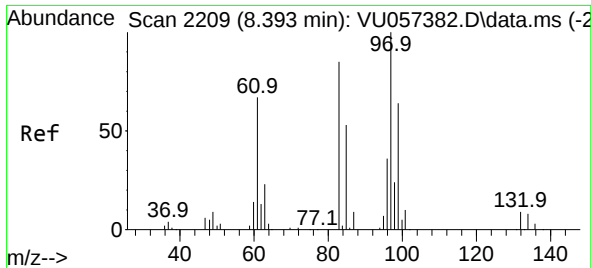
Tgt Ion: 75 Resp: 166634

Ion Ratio Lower Upper

75 100

77 32.4 21.3 39.5

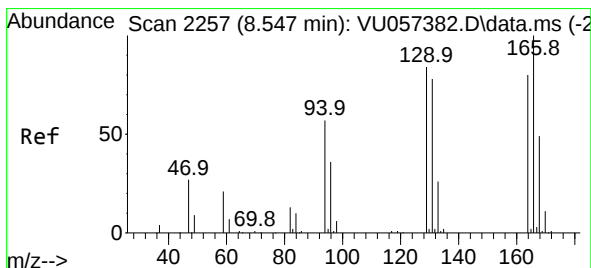
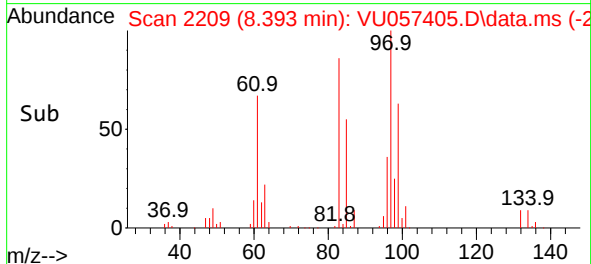
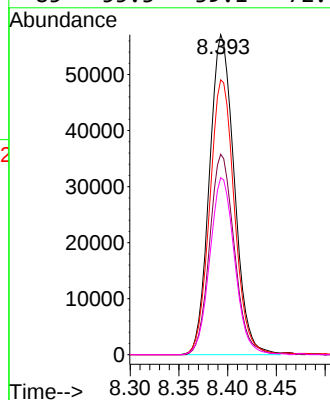
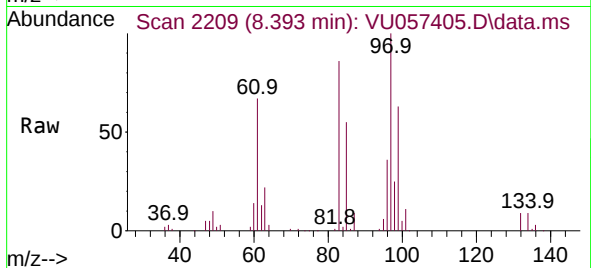




#45
1,1,2-Trichloroethane
Concen: 48.970 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

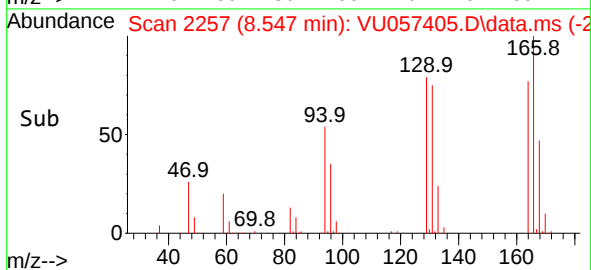
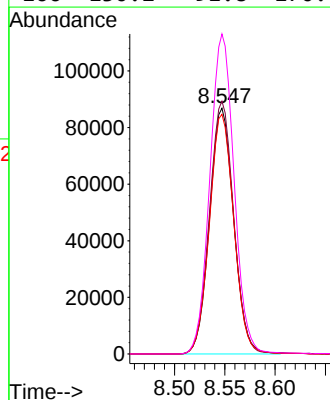
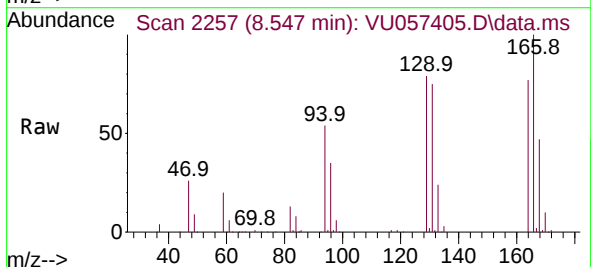
Instrument :
MSVOA_U
ClientSampleId :

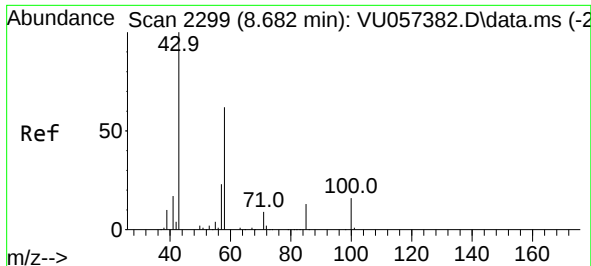
Tgt Ion: 97	Resp: 101593
Ion Ratio	Lower Upper
97 100	
99 62.7	43.3 80.5
83 85.9	56.9 105.7
85 55.3	39.1 72.7



#46
Tetrachloroethene
Concen: 85.949 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

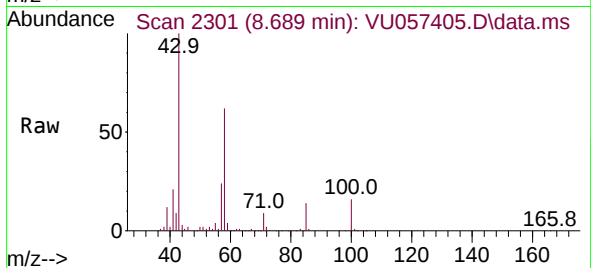
Tgt	Ion:164	Resp:	145034
Ion	Ratio	Lower	Upper
164	100		
129	102.8	72.3	134.3
131	97.5	68.8	127.8
166	130.2	91.8	170.4



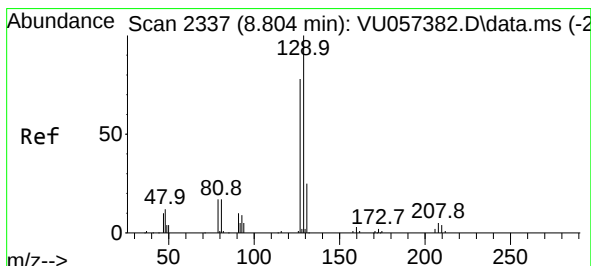
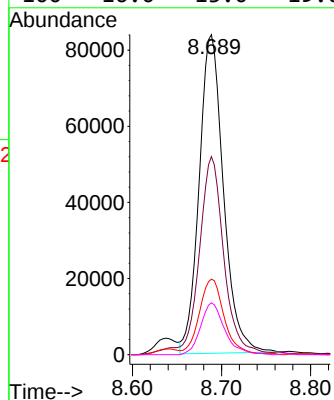
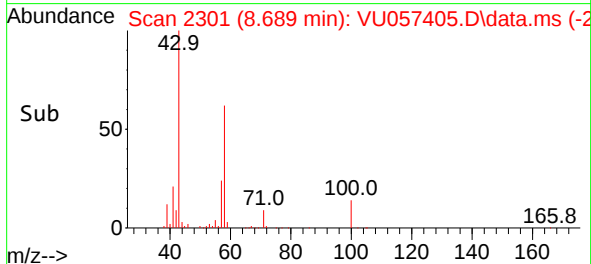


#48
2-Hexanone
Concen: 102.872 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Instrument :
MSVOA_U
ClientSampleId :

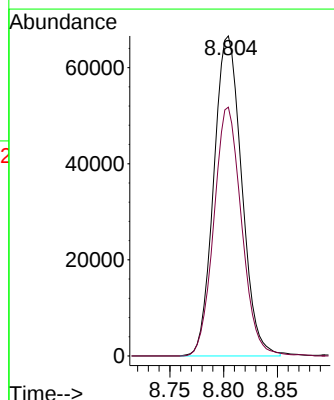
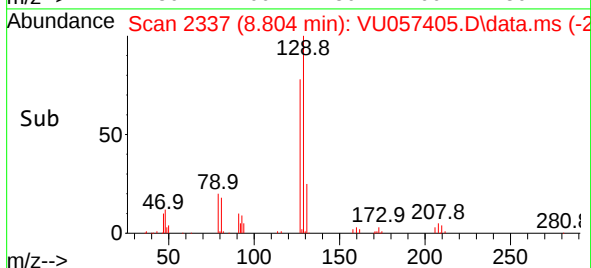
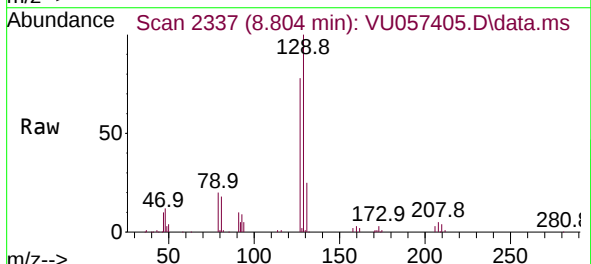


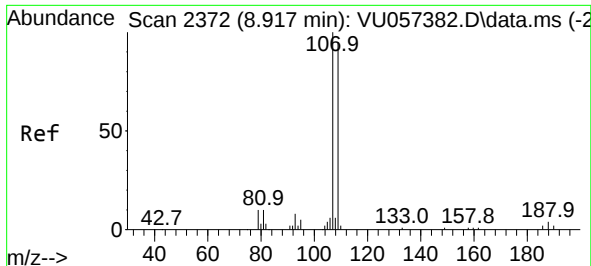
Tgt Ion: 43 Resp: 159001
Ion Ratio Lower Upper
43 100
58 59.7 49.4 74.2
57 24.4 19.1 28.7
100 16.0 13.0 19.6



#49
Dibromochloromethane
Concen: 47.506 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

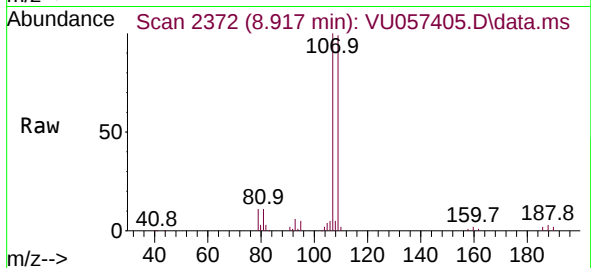
Tgt Ion:129 Resp: 120109
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1



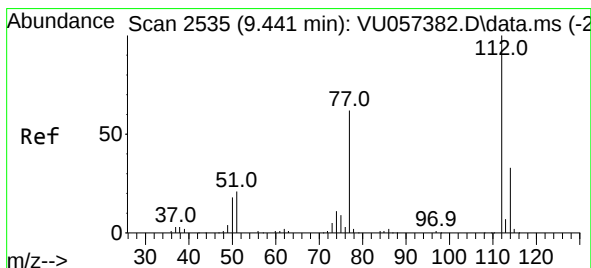
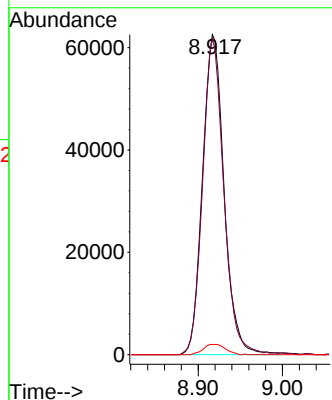
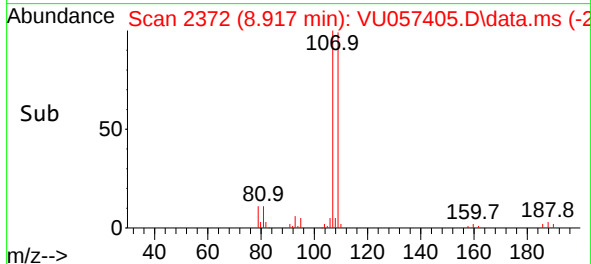


#50
1,2-Dibromoethane
Concen: 50.554 ug/L
RT: 8.917 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Instrument :
MSVOA_U
ClientSampleId :

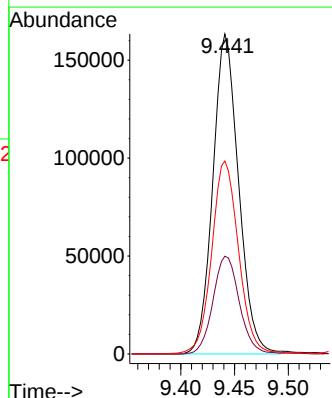
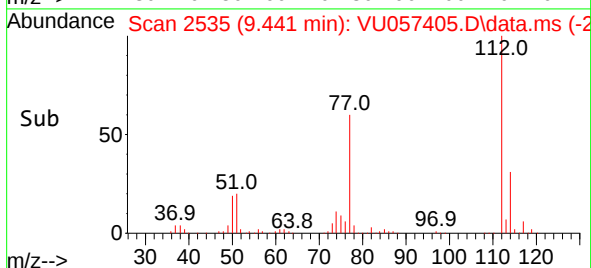
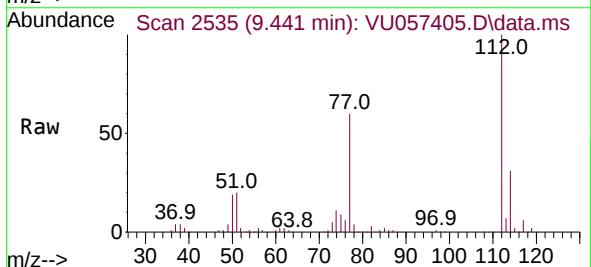


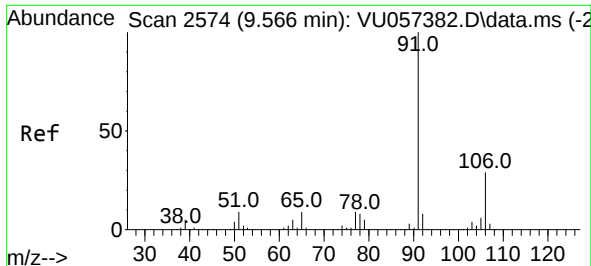
Tgt Ion:107 Resp: 111250
Ion Ratio Lower Upper
107 100
109 98.7 64.4 119.6
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 49.359 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:112 Resp: 272489
Ion Ratio Lower Upper
112 100
114 30.6 22.5 41.7
77 60.3 50.1 75.1

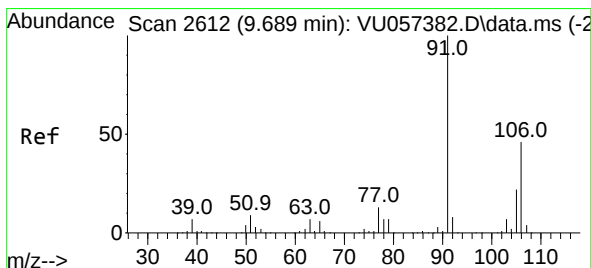
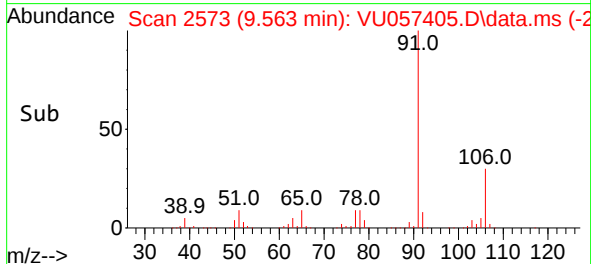
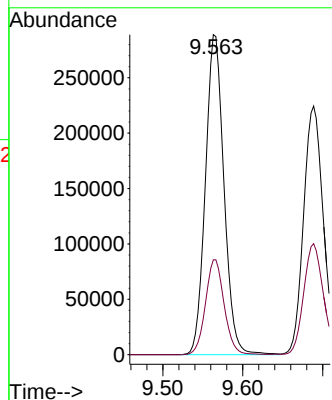
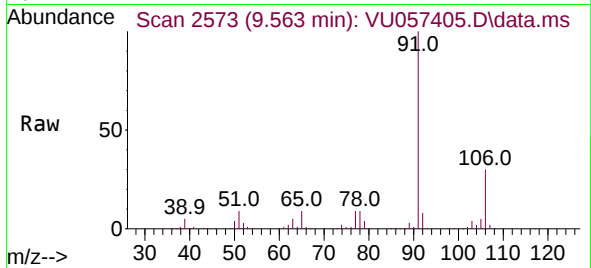




#52
Ethylbenzene
Concen: 51.038 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

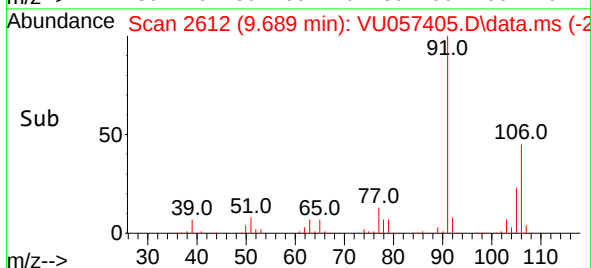
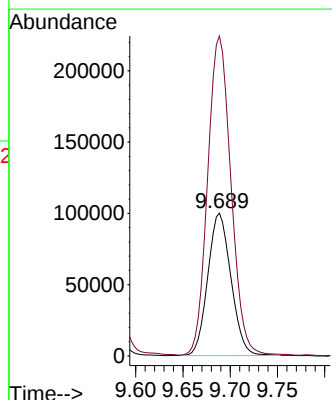
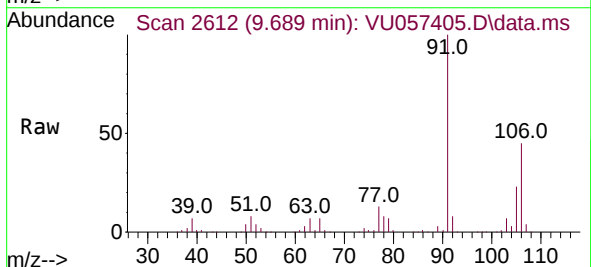
Instrument :
MSVOA_U
ClientSampleId :

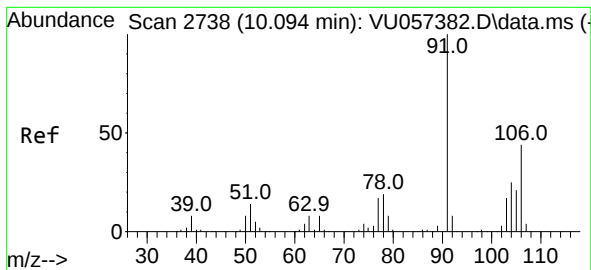
Tgt Ion: 91 Resp: 466950
Ion Ratio Lower Upper
91 100
106 29.6 21.0 39.0



#53
m,p-Xylene
Concen: 49.748 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:106 Resp: 170139
Ion Ratio Lower Upper
106 100
91 223.9 151.8 281.8





#54

o-Xylene

Concen: 50.996 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

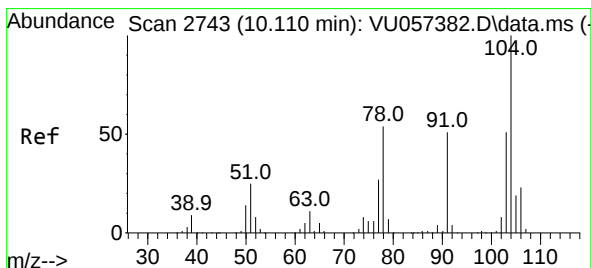
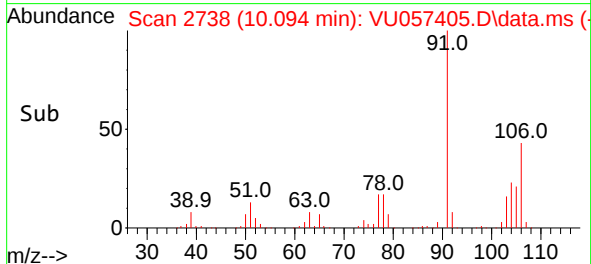
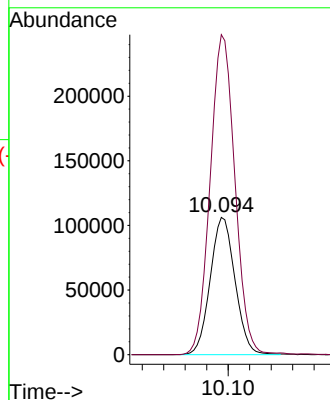
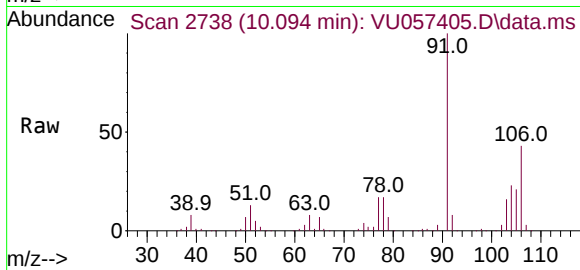
ClientSampleId :

Tgt Ion:106 Resp: 170325

Ion Ratio Lower Upper

106 100

91 233.1 160.4 297.8



#55

Styrene

Concen: 51.867 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057405.D

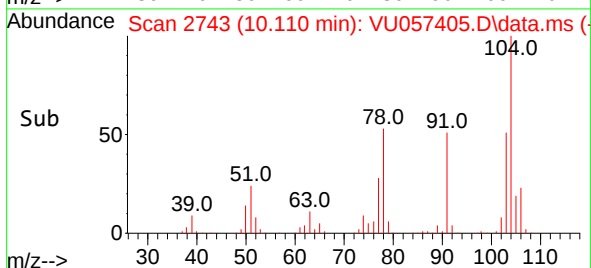
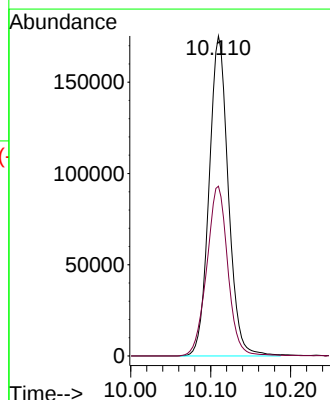
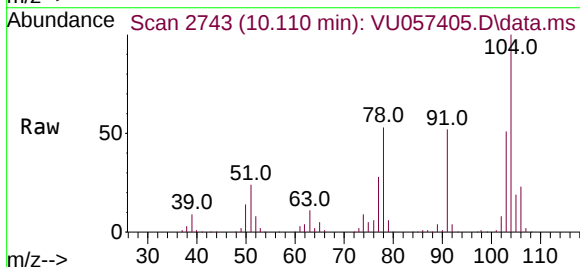
Acq: 09 Jan 2024 00:21

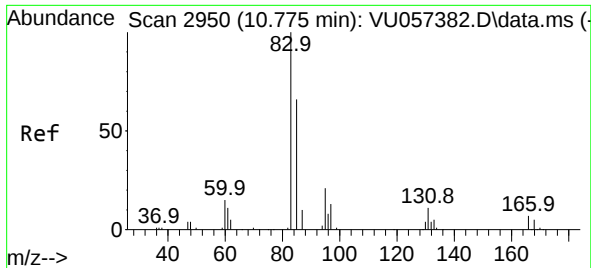
Tgt Ion:104 Resp: 293351

Ion Ratio Lower Upper

104 100

78 53.0 35.8 66.6

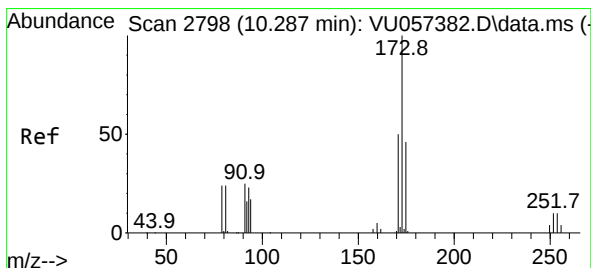
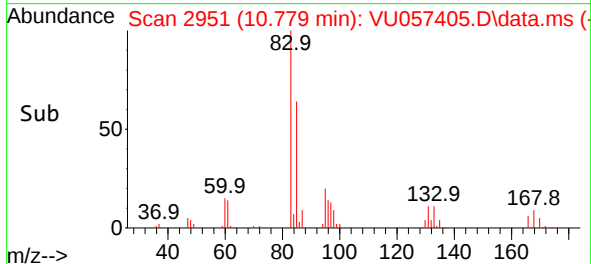
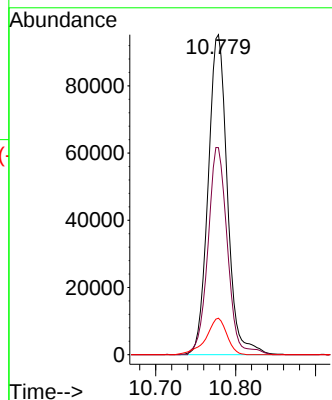
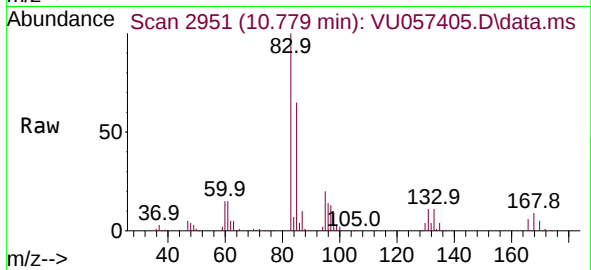




#57
1,1,2,2-Tetrachloroethane
Concen: 50.894 ug/L
RT: 10.779 min Scan# 2950
Delta R.T. 0.004 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

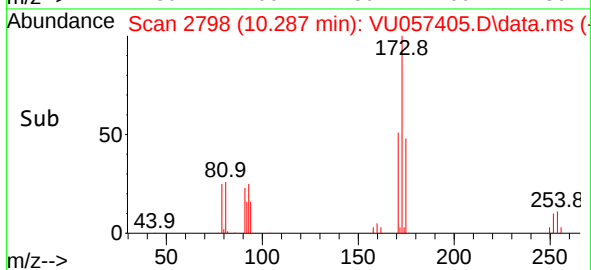
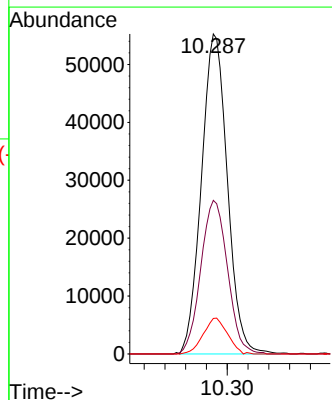
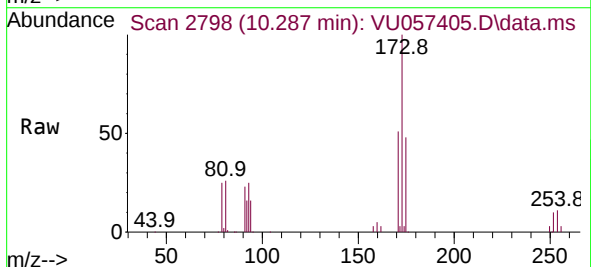
Instrument :
MSVOA_U
ClientSampleId :

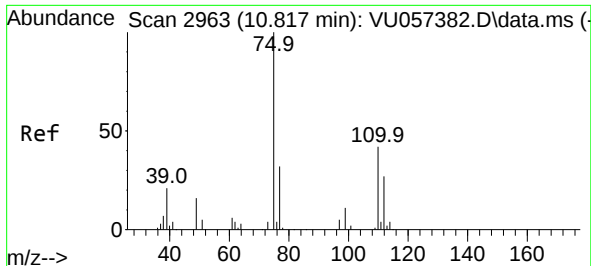
Tgt Ion: 83 Resp: 159209
Ion Ratio Lower Upper
83 100
85 64.7 47.9 88.9
131 11.4 9.8 14.8



#59
Bromoform
Concen: 49.716 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:173 Resp: 95779
Ion Ratio Lower Upper
173 100
175 49.4 38.4 57.6
254 10.4 7.9 11.9

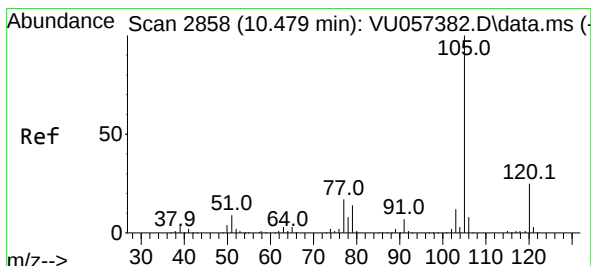
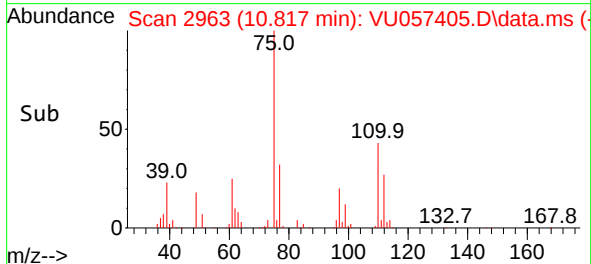
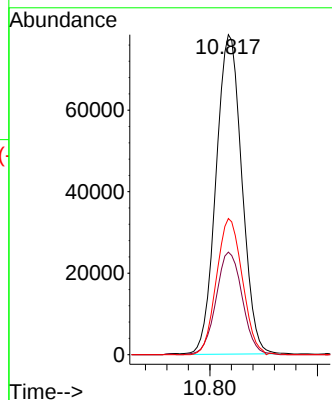
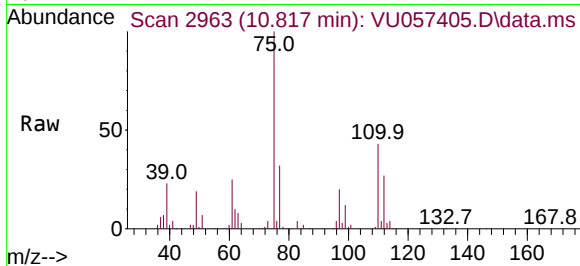




#60
1,2,3-Trichloropropane
Concen: 51.896 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

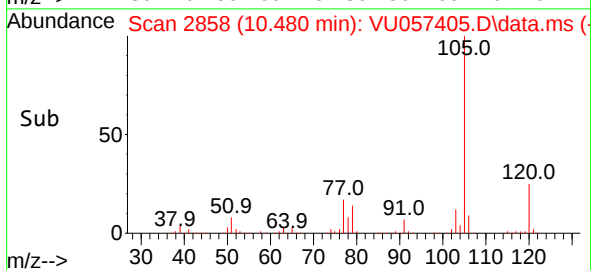
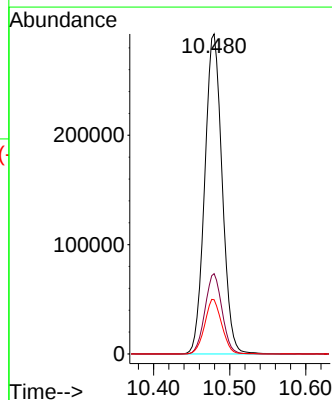
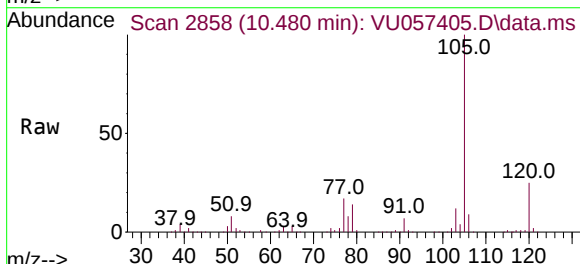
Instrument :
MSVOA_U
ClientSampleId :

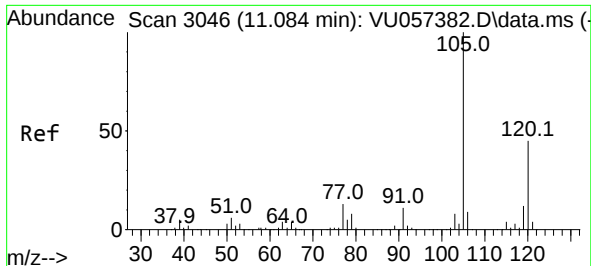
Tgt Ion: 75 Resp: 130605
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 42.6 33.6 50.4



#61
Isopropylbenzene
Concen: 53.517 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.001 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 105 Resp: 465669
Ion Ratio Lower Upper
105 100
120 24.7 19.9 29.9
77 16.8 13.3 19.9





#62

1,3,5-Trimethylbenzene

Concen: 53.524 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

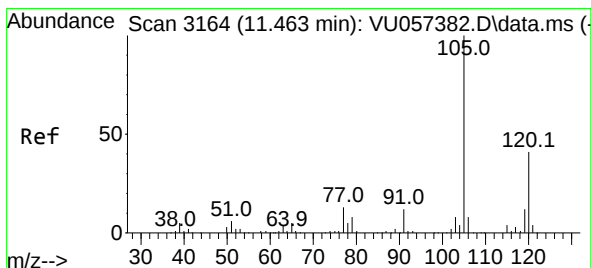
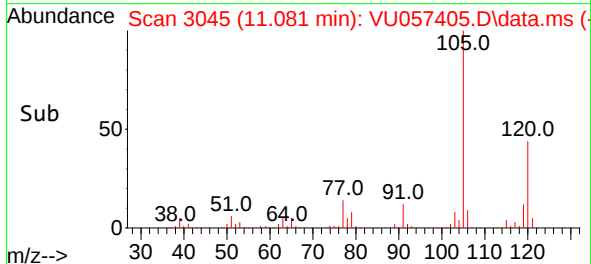
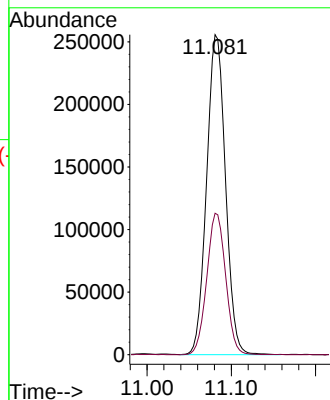
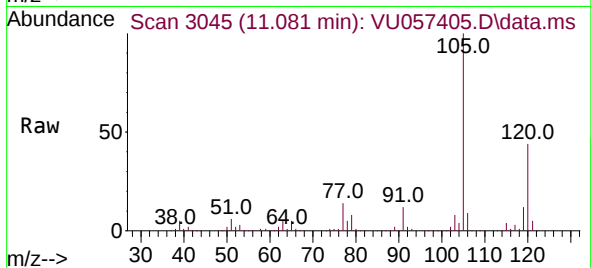
ClientSampleId :

Tgt Ion:105 Resp: 398297

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1



#63

1,2,4-Trimethylbenzene

Concen: 54.333 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057405.D

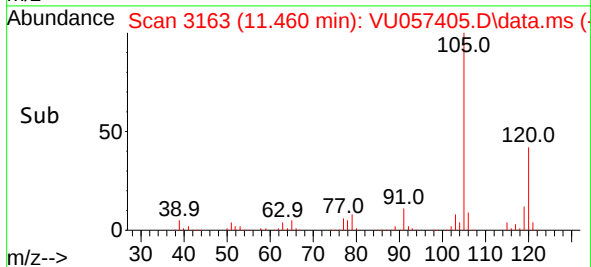
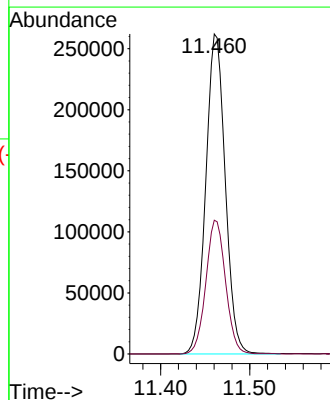
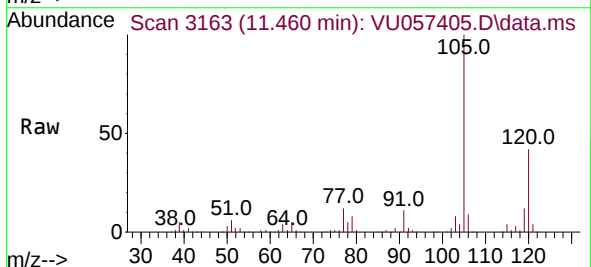
Acq: 09 Jan 2024 00:21

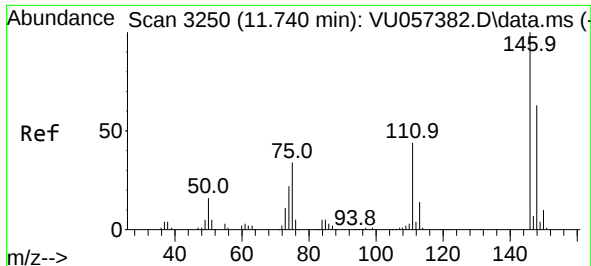
Tgt Ion:105 Resp: 396897

Ion Ratio Lower Upper

105 100

120 42.2 33.4 50.2

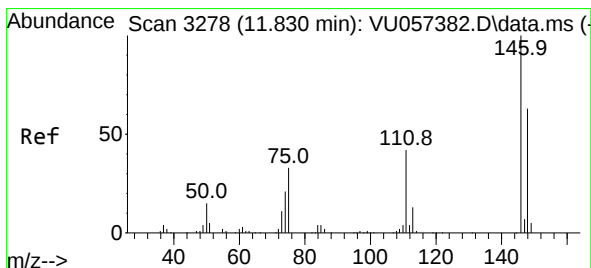
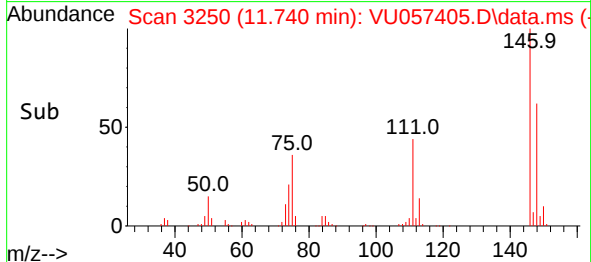
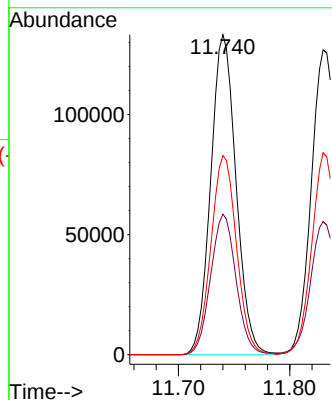
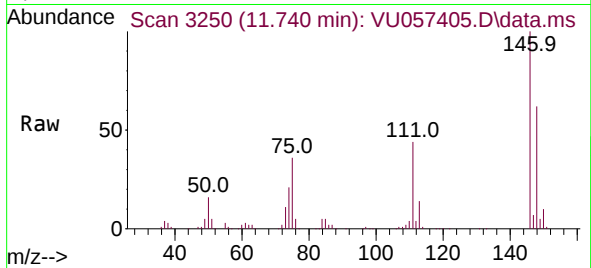




#64
1,3-Dichlorobenzene
Concen: 51.369 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

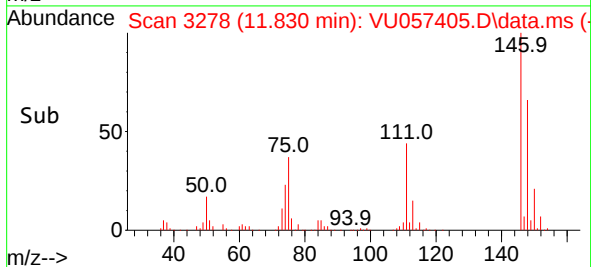
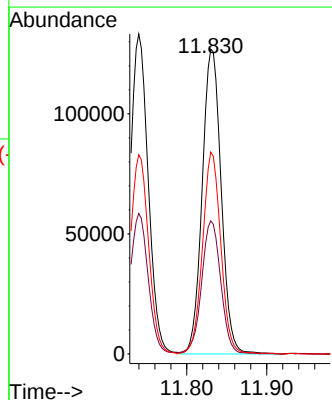
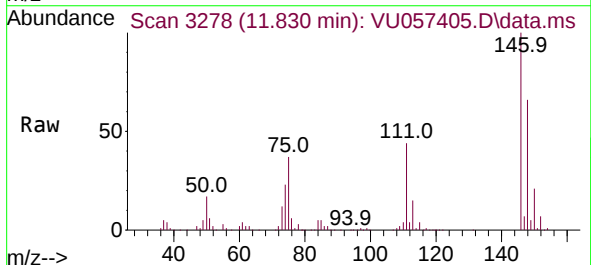
Instrument :
MSVOA_U
ClientSampleId :

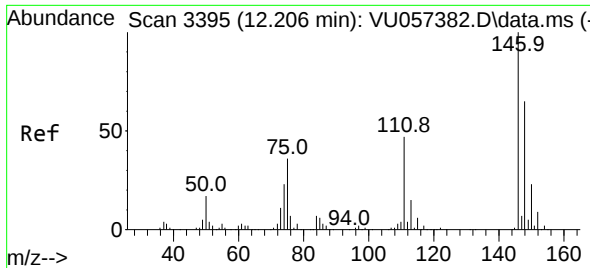
Tgt Ion:146 Resp: 210649
Ion Ratio Lower Upper
146 100
111 43.9 31.6 58.8
148 62.3 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 49.916 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:146 Resp: 210117
Ion Ratio Lower Upper
146 100
111 43.7 30.3 56.3
148 66.2 45.9 85.3

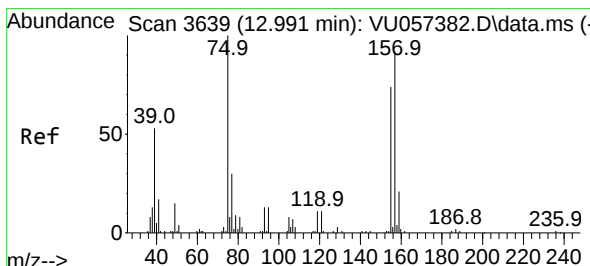
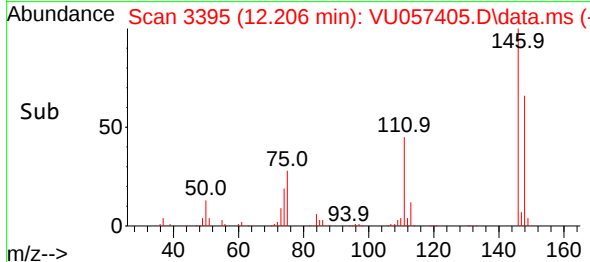
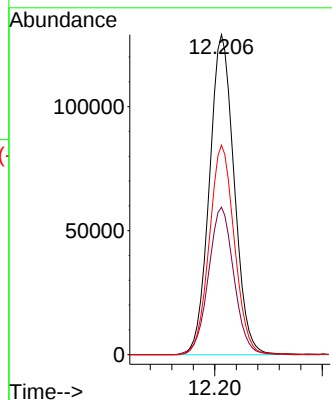
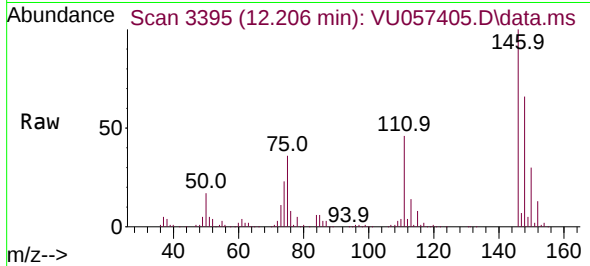




#67
1,2-Dichlorobenzene
Concen: 49.891 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

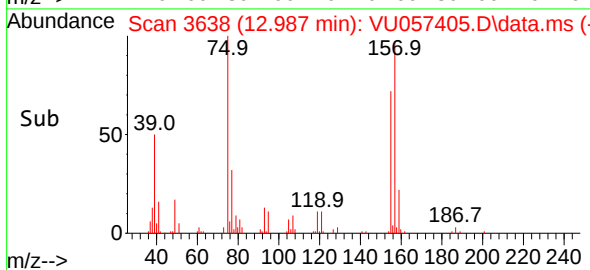
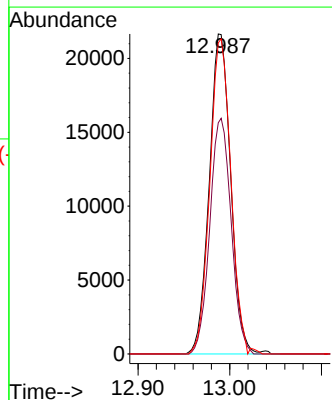
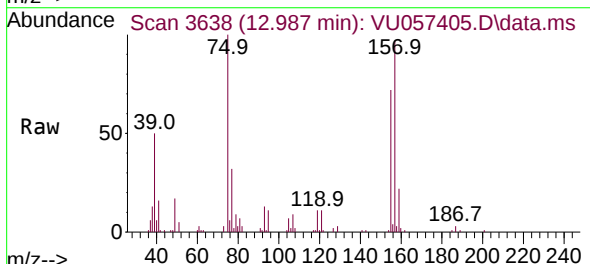
Instrument :
MSVOA_U
ClientSampleId :

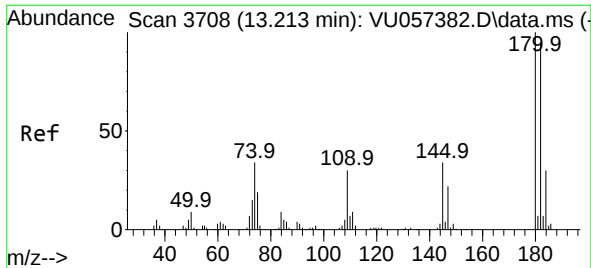
Tgt Ion:146 Resp: 206209
Ion Ratio Lower Upper
146 100
111 46.1 36.9 55.3
148 65.5 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 52.251 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.004 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion: 75 Resp: 35113
Ion Ratio Lower Upper
75 100
155 72.2 64.3 96.5
157 100.7 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 50.088 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 147027

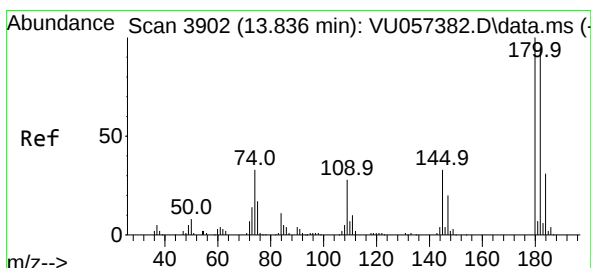
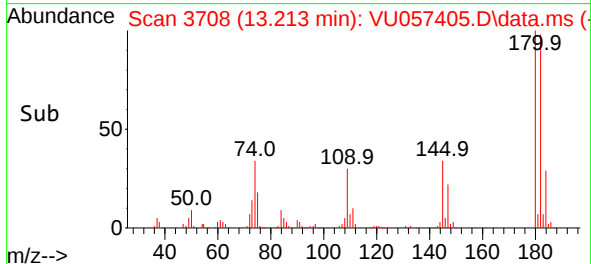
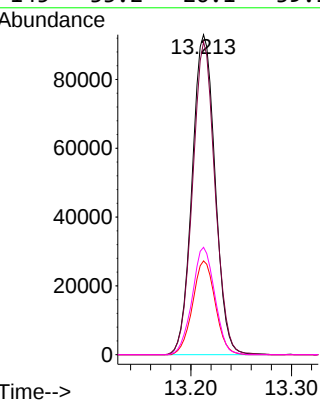
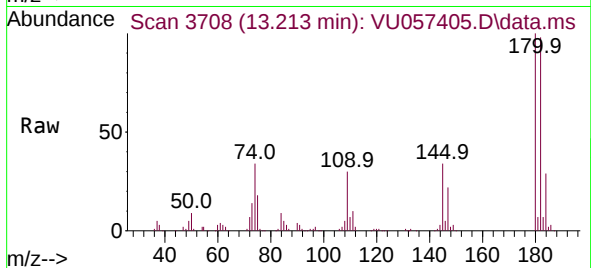
Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

184 29.0 23.9 35.9

145 33.2 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 51.615 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU057405.D

Acq: 09 Jan 2024 00:21

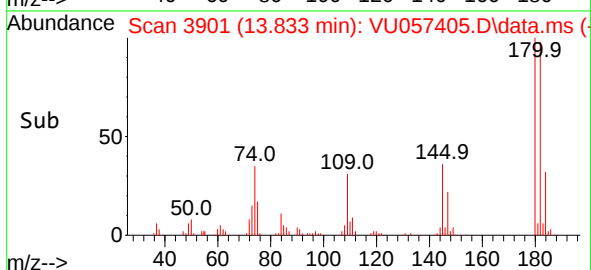
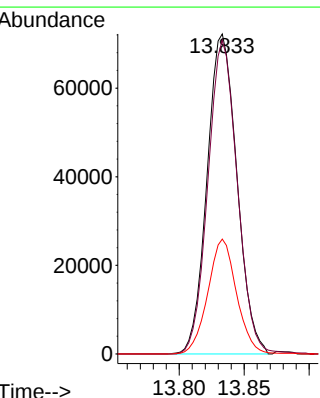
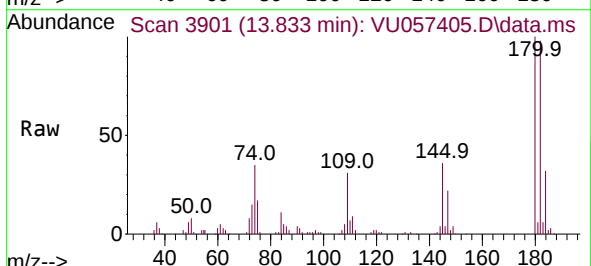
Tgt Ion:180 Resp: 115351

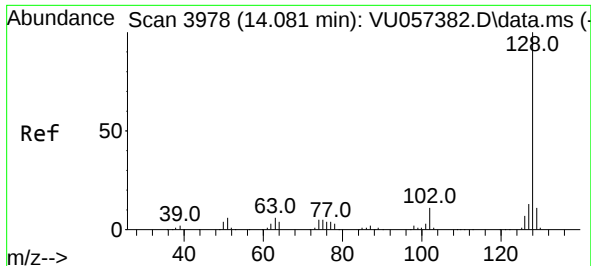
Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.8

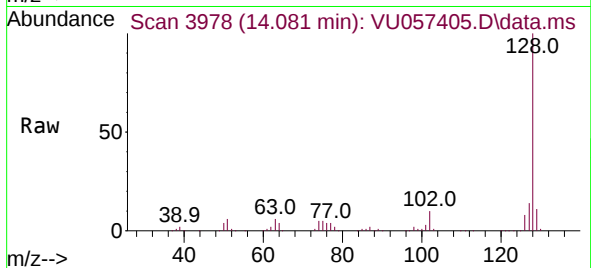
145 34.5 27.4 41.0



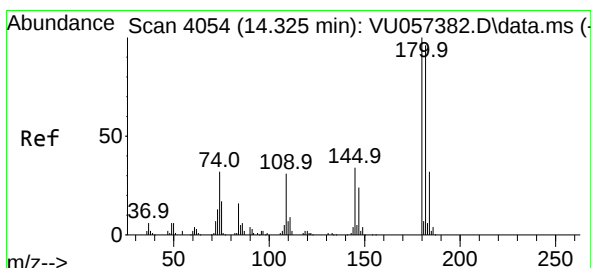
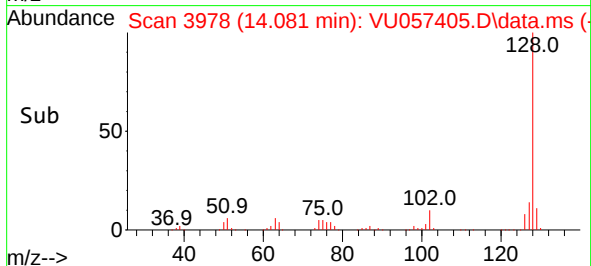
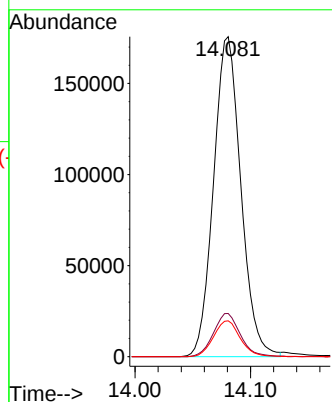


#71
Naphthalene
Concen: 55.314 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 288840
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 53.941 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057405.D
Acq: 09 Jan 2024 00:21

Tgt Ion:180 Resp: 114003
Ion Ratio Lower Upper
180 100
182 93.9 77.5 116.3
145 35.7 28.2 42.4

