

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056246.D
 Acq On : 12 Nov 2023 03:46
 Operator : MD/SY
 Sample : 05371-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP3MSD

Quant Time: Nov 12 04:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	371008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	195309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	85688	3.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	70517	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.563	65	40556	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.618	46	275609	70.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.380%#
24) Chloroform-d	5.058	84	230317	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	106253	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	434978	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.685	67	136319	5.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.894	98	389685	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.174	79	49088	4.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	251946	76.667	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	153.340%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	114598	6.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	12.190	152	148212	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	158406	4.844	ug/L	98
3) Chloromethane	1.518	50	154002	5.027	ug/L	97
5) Vinyl chloride	1.602	62	153657	4.848	ug/L	97
6) Bromomethane	1.856	94	75216	4.132	ug/L	98
8) Chloroethane	1.930	64	84875	4.939	ug/L	98
9) Trichlorofluoromethane	2.136	101	226151	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	140711	5.269	ug/L	97
12) 1,1-Dichloroethene	2.576	96	129996	5.245	ug/L	97
13) Acetone	2.628	43	182122	62.890	ug/L	99
14) Carbon disulfide	2.792	76	401550	4.755	ug/L	98
15) Methyl Acetate	2.946	43	31682	3.877	ug/L	95
16) Methylene chloride	3.042	84	137645	4.843	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	286685	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	133007	5.064	ug/L	98
19) 1,1-Dichloroethane	3.862	63	246170	5.138	ug/L	96
21) 2-Butanone	4.698	43	266267	55.753	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	148704	5.245	ug/L	96
23) Bromochloromethane	4.968	128	62783	4.991	ug/L	97
25) Chloroform	5.081	83	257977	5.053	ug/L	100

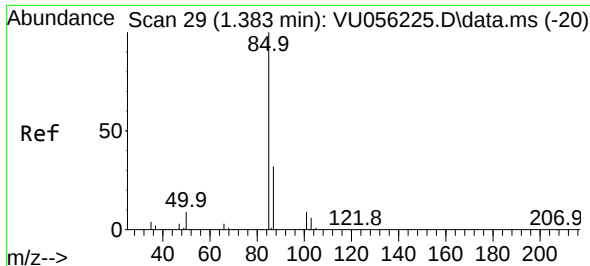
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	145494	5.036	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	221469	5.211	ug/L	99
30) Cyclohexane	5.383	56	206329	5.196	ug/L	97
31) Carbon tetrachloride	5.518	117	194173	5.145	ug/L	99
33) Benzene	5.769	78	566208	5.330	ug/L	100
34) Trichloroethene	6.537	95	149594	5.155	ug/L	99
35) Methylcyclohexane	6.759	83	219377	5.087	ug/L	99
37) 1,2-Dichloropropane	6.785	63	145245	5.258	ug/L	100
38) Bromodichloromethane	7.100	83	176206	5.108	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	194577	4.990	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	660082	54.626	ug/L	99
42) Toluene	7.965	91	605322	5.405	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162065	5.134	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	99274	5.257	ug/L	99
47) Tetrachloroethene	8.547	164	115348	5.296	ug/L	97
48) 2-Hexanone	8.679	43	477024	54.220	ug/L	99
49) Dibromochloromethane	8.804	129	112005	5.169	ug/L	99
50) 1,2-Dibromoethane	8.920	107	95128	5.391	ug/L	94
51) Chlorobenzene	9.441	112	382155	5.289	ug/L	98
52) Ethylbenzene	9.566	91	656373	5.378	ug/L	99
53) m,p-Xylene	9.688	106	251426	5.417	ug/L	99
54) o-Xylene	10.097	106	245778	5.524	ug/L	93
55) Styrene	10.110	104	406867	5.590	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	120468	5.428	ug/L	98
59) Bromoform	10.286	173	65600	4.836	ug/L	98
60) Isopropylbenzene	10.479	105	654411	5.168	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	81997	4.864	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	532096	5.181	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	531449	5.276	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	313319	5.224	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	310167	5.230	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	284604	5.150	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	16690	4.693	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	235249	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	190330	5.341	ug/L	98
71) Naphthalene	14.081	128	276003	5.222	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	159927	5.119	ug/L	99

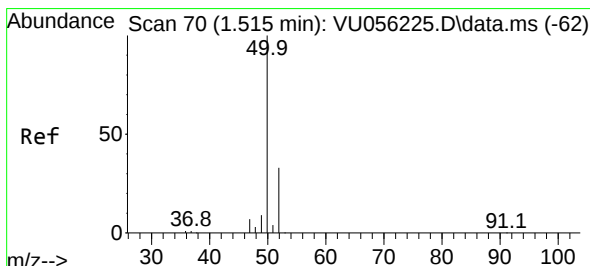
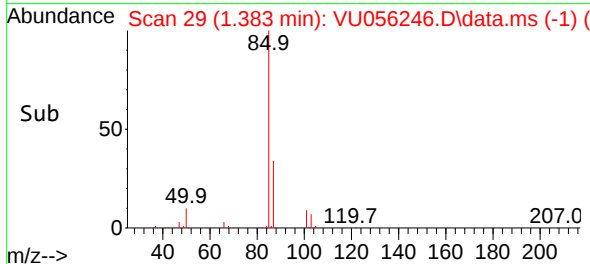
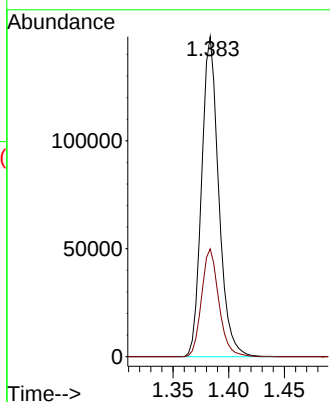
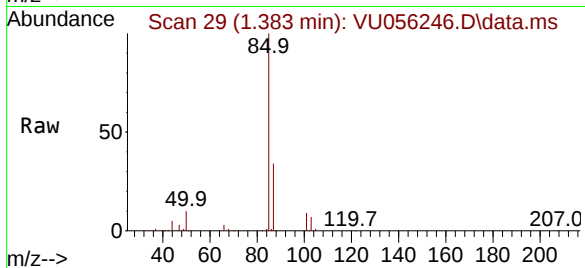
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#2
Dichlorodifluoromethane
Concen: 4.844 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

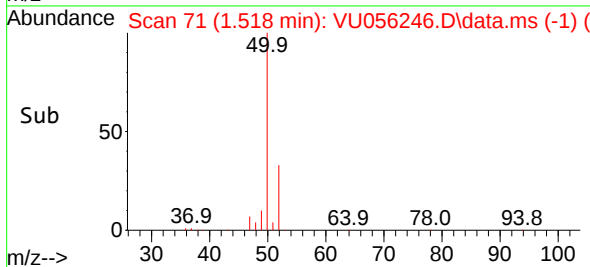
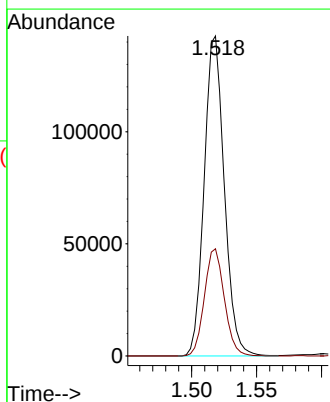
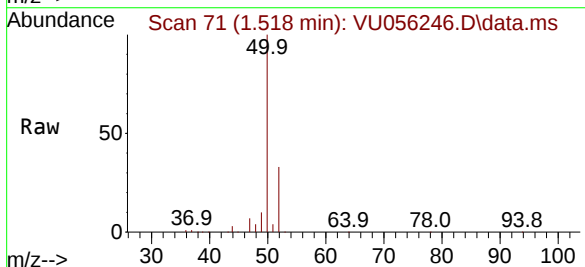
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

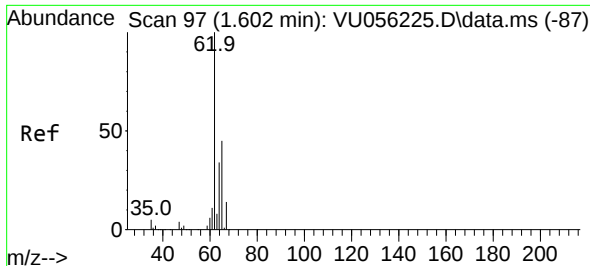
Tgt Ion: 85 Resp: 158406
Ion Ratio Lower Upper
85 100
87 34.0 26.4 39.6



#3
Chloromethane
Concen: 5.027 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 50 Resp: 154002
Ion Ratio Lower Upper
50 100
52 33.5 22.2 41.2

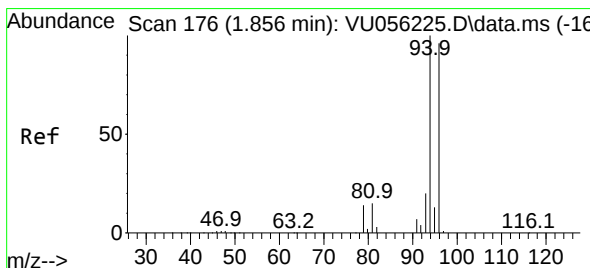
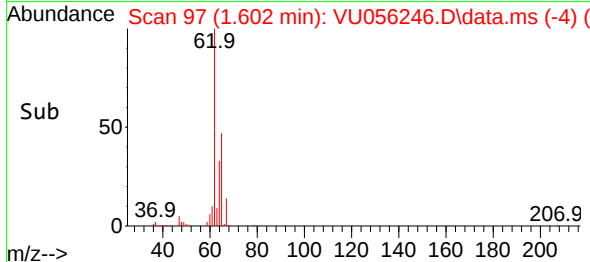
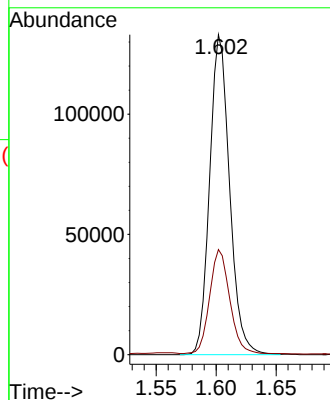
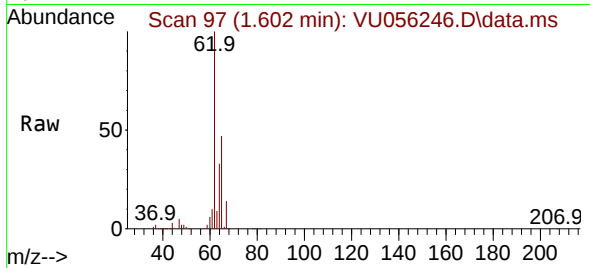




#5
 Vinyl chloride
 Concen: 4.848 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056246.D
 Acq: 12 Nov 2023 03:46

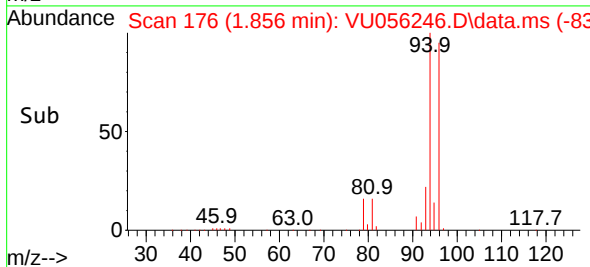
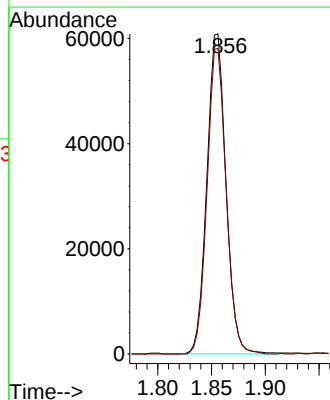
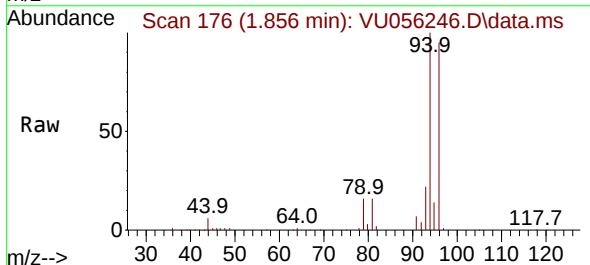
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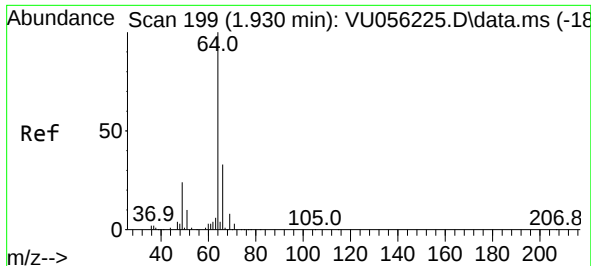
Tgt Ion: 62 Resp: 153657
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.1 44.7



#6
 Bromomethane
 Concen: 4.132 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056246.D
 Acq: 12 Nov 2023 03:46

Tgt Ion: 94 Resp: 75216
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.6 121.8

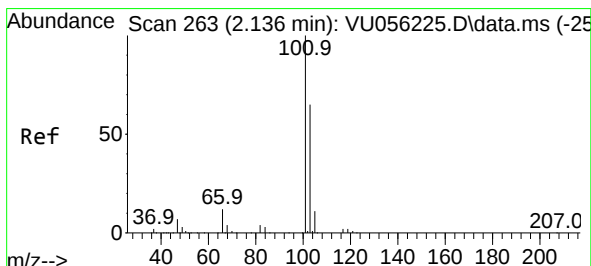
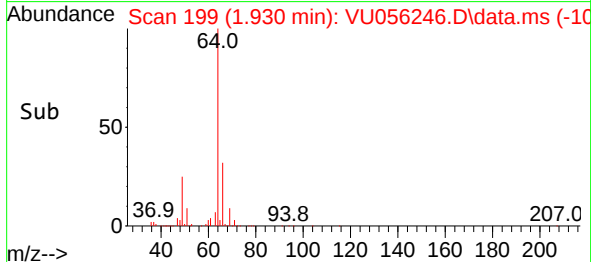
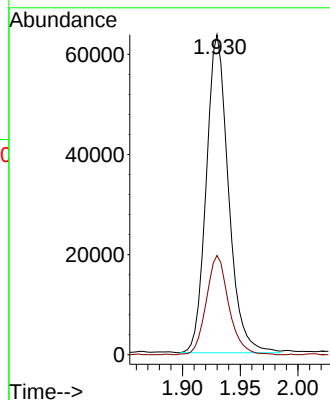
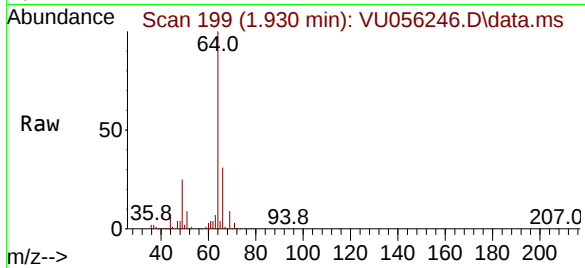




#8
Chloroethane
Concen: 4.939 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

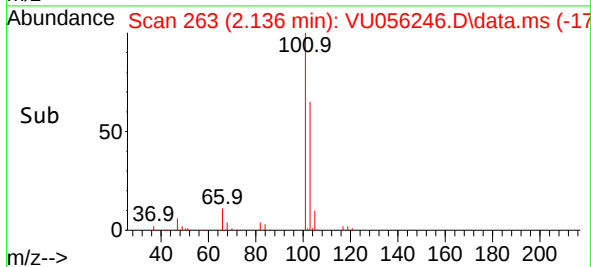
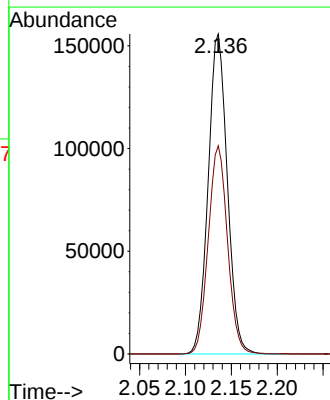
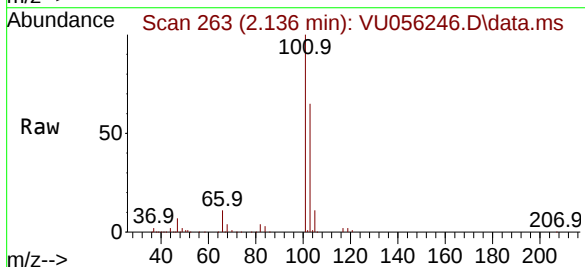
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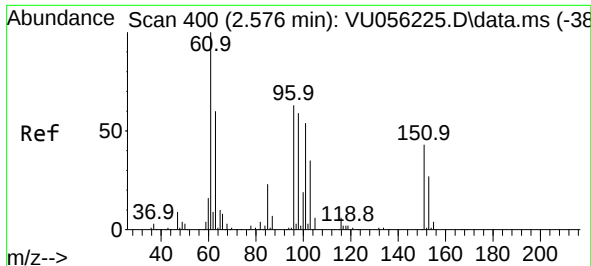
Tgt Ion: 64 Resp: 84875
Ion Ratio Lower Upper
64 100
66 31.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.395 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion:101 Resp: 226151
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

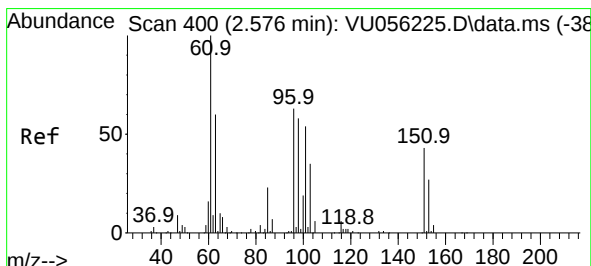
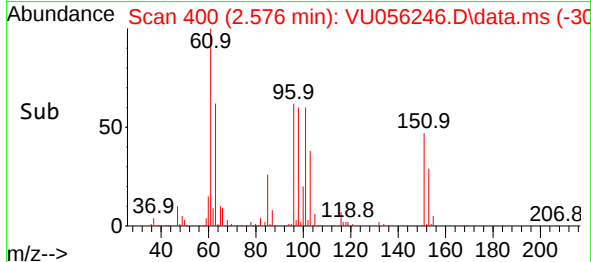
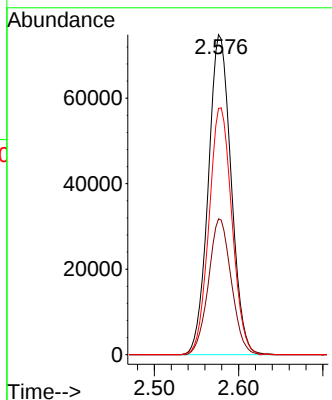
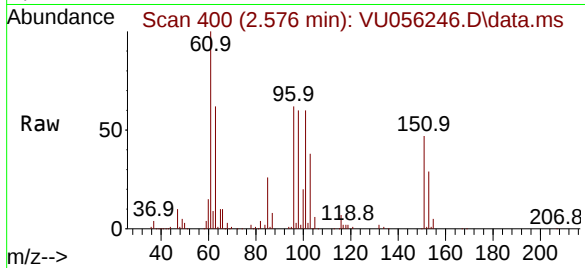




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.269 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

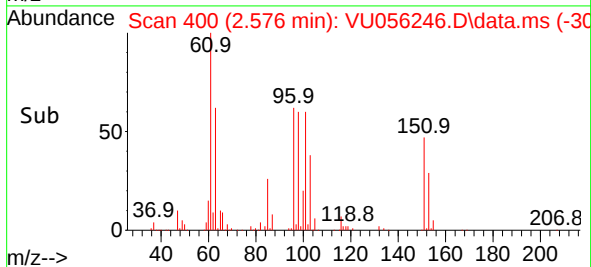
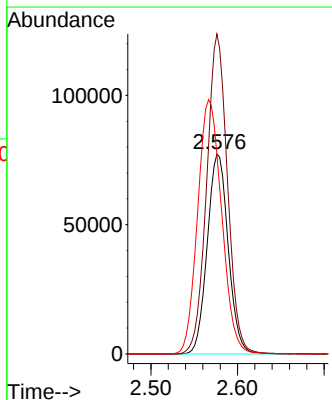
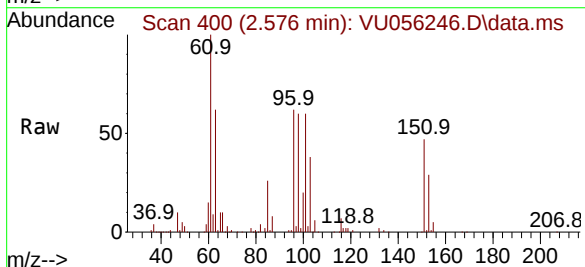
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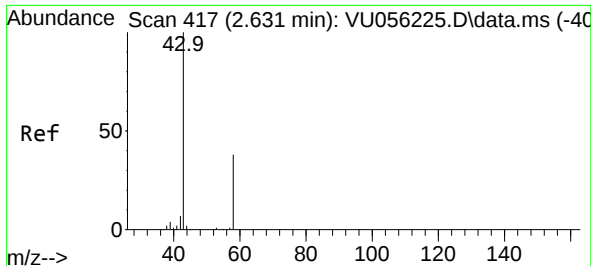
Tgt Ion:101 Resp: 140711
Ion Ratio Lower Upper
101 100
85 42.6 34.2 51.4
151 77.6 59.3 88.9



#12
1,1-Dichloroethene
Concen: 5.245 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 96 Resp: 129996
Ion Ratio Lower Upper
96 100
61 160.2 111.7 207.5
63 99.7 74.5 138.3





#13

Acetone

Concen: 62.890 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

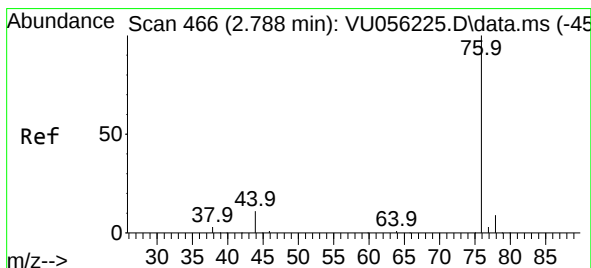
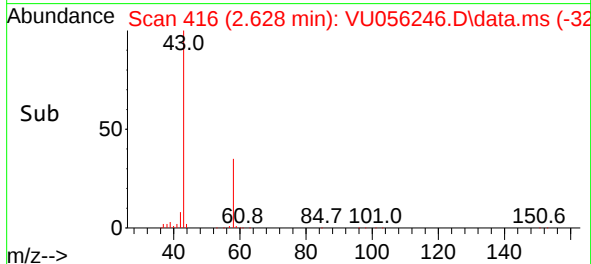
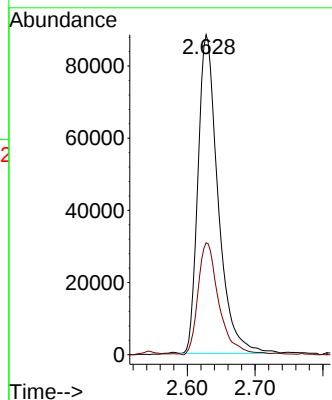
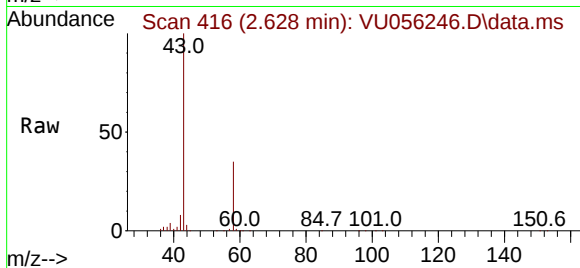
GCDP3MSD

Tgt Ion: 43 Resp: 182122

Ion Ratio Lower Upper

43 100

58 36.4 0.0 74.4



#14

Carbon disulfide

Concen: 4.755 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056246.D

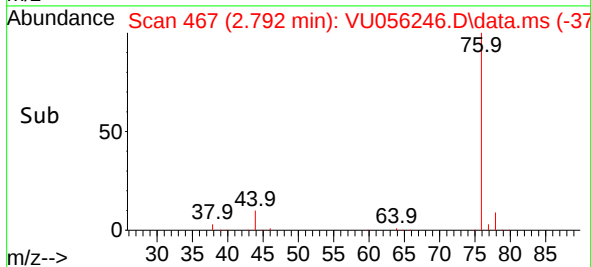
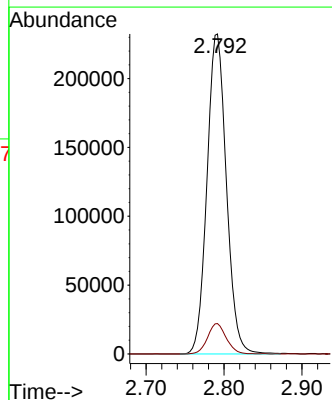
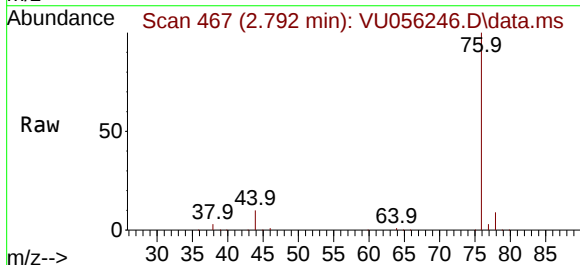
Acq: 12 Nov 2023 03:46

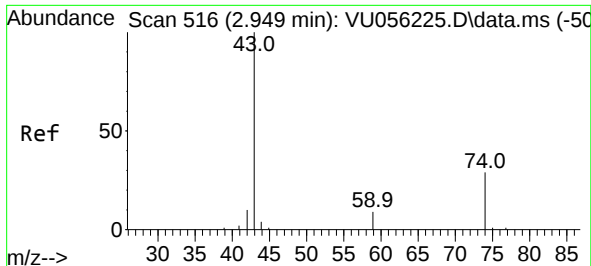
Tgt Ion: 76 Resp: 401550

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6

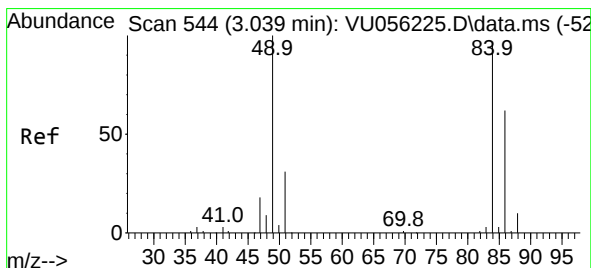
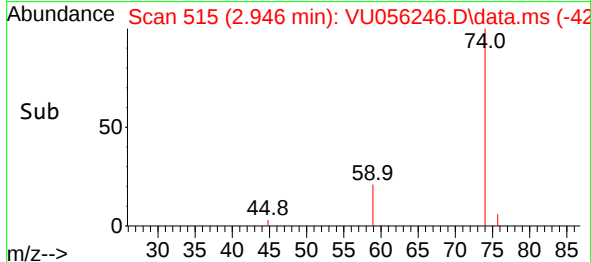
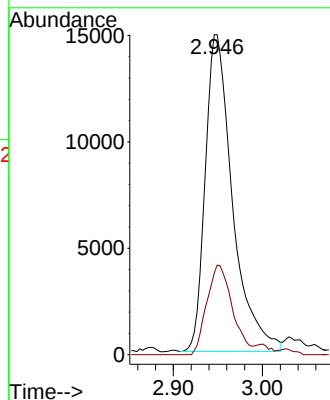
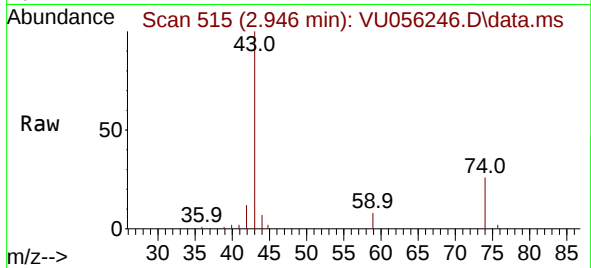




#15
Methyl Acetate
Concen: 3.877 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

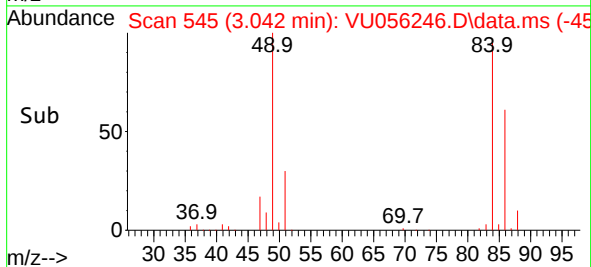
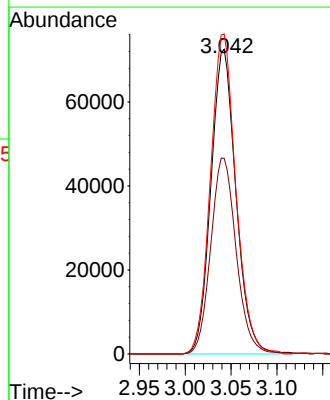
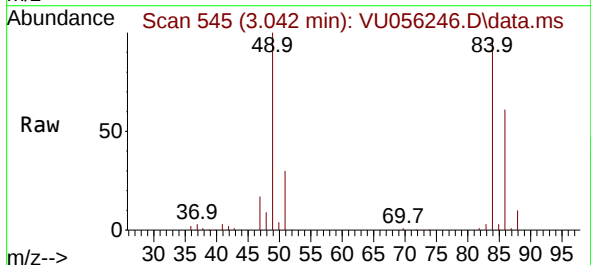
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

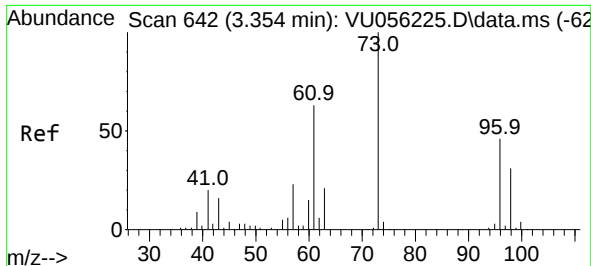
Tgt Ion: 43 Resp: 31682
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9



#16
Methylene chloride
Concen: 4.843 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 84 Resp: 137645
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 105.0 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.134 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD

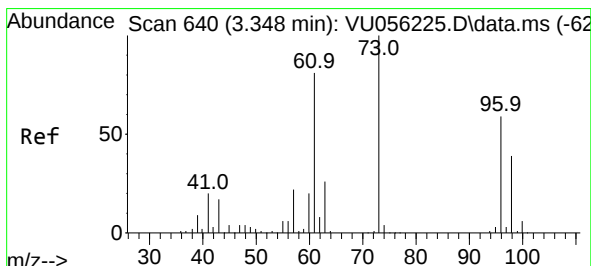
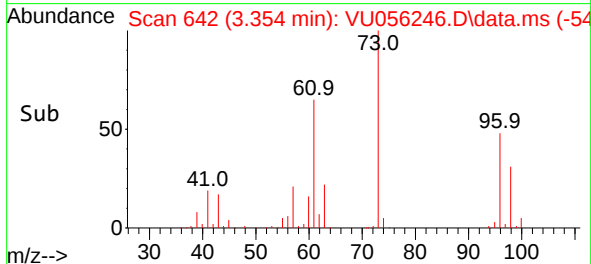
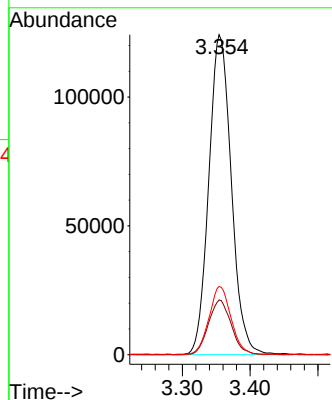
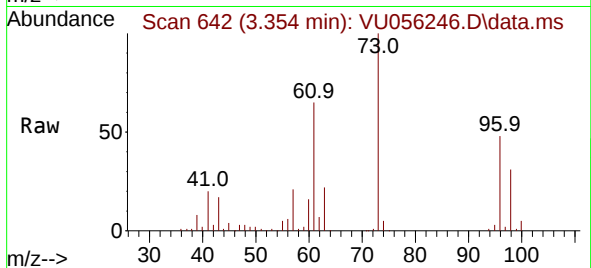
Tgt Ion: 73 Resp: 286685

Ion Ratio Lower Upper

73 100

43 17.4 13.6 20.4

57 20.9 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.064 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

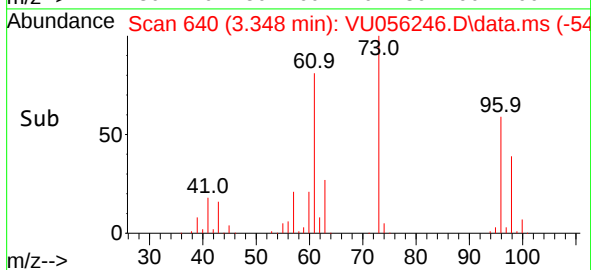
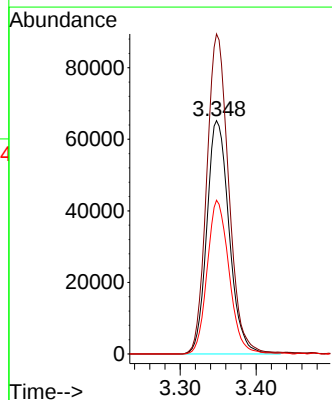
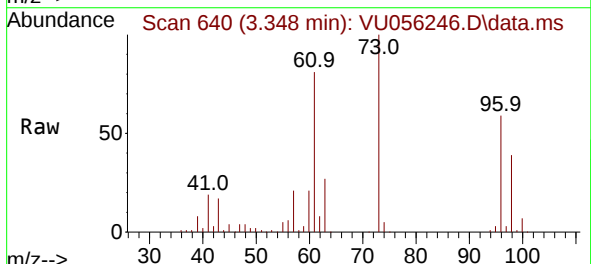
Tgt Ion: 96 Resp: 133007

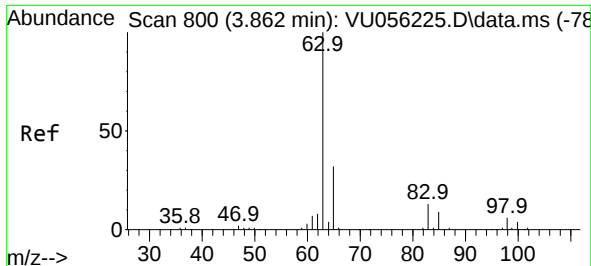
Ion Ratio Lower Upper

96 100

61 137.2 96.7 179.5

98 65.9 44.3 82.3

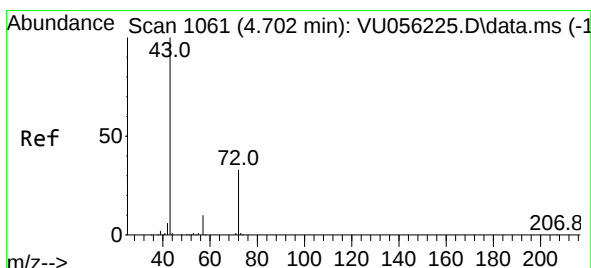
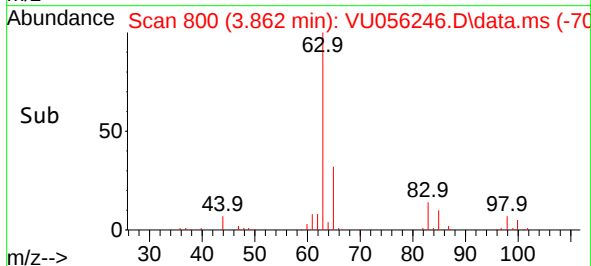
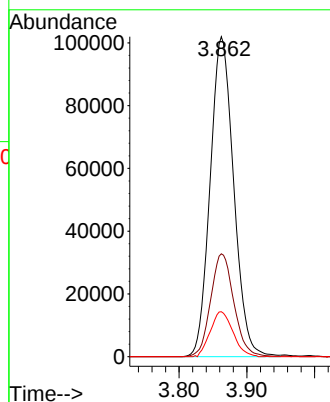
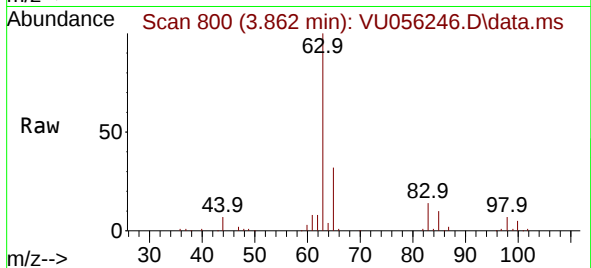




#19
1,1-Dichloroethane
Concen: 5.138 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

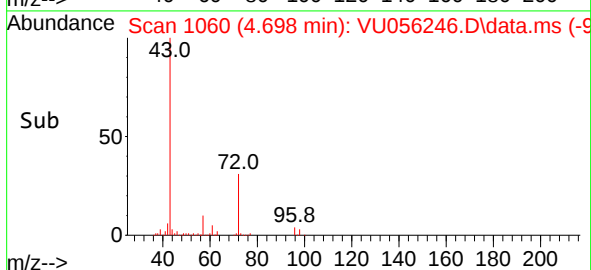
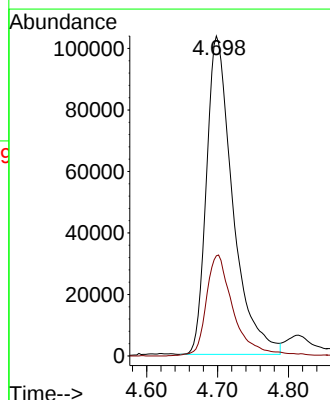
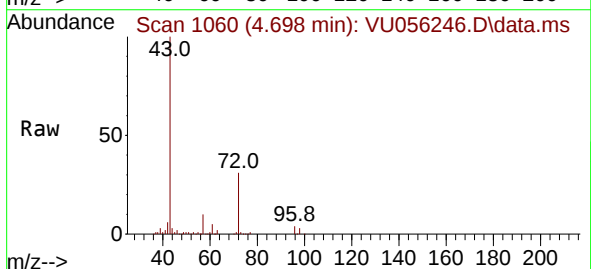
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

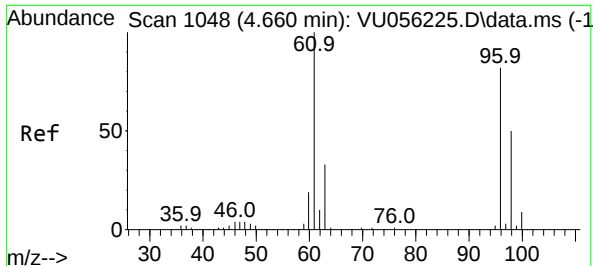
Tgt Ion: 63 Resp: 246170
Ion Ratio Lower Upper
63 100
65 32.2 20.6 38.2
83 14.0 9.6 17.8



#21
2-Butanone
Concen: 55.753 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 43 Resp: 266267
Ion Ratio Lower Upper
43 100
72 32.8 15.7 47.0

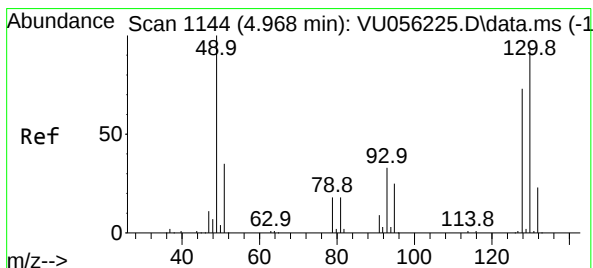
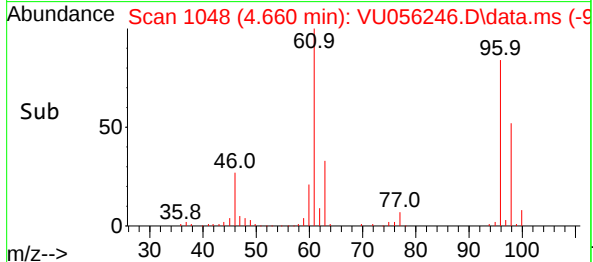
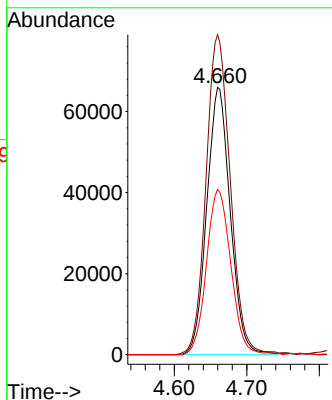
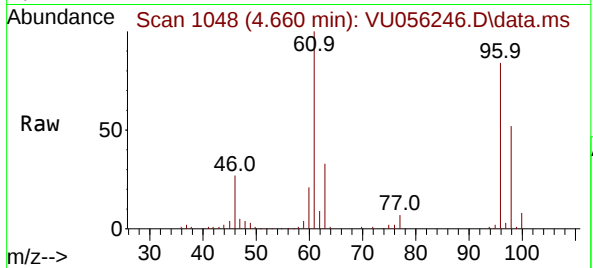




#22
 cis-1,2-Dichloroethene
 Concen: 5.245 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056246.D
 Acq: 12 Nov 2023 03:46

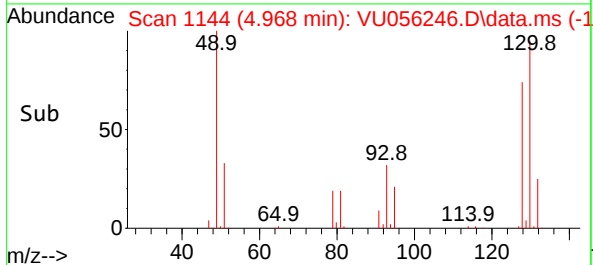
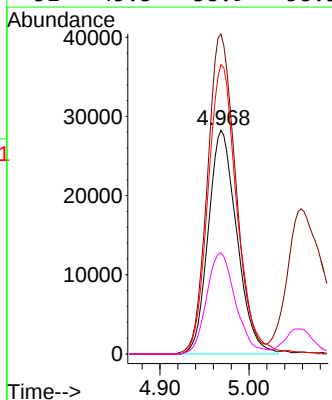
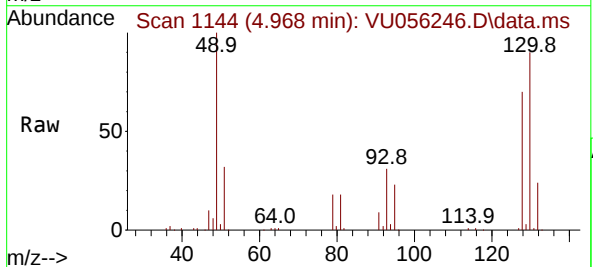
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP3MSD

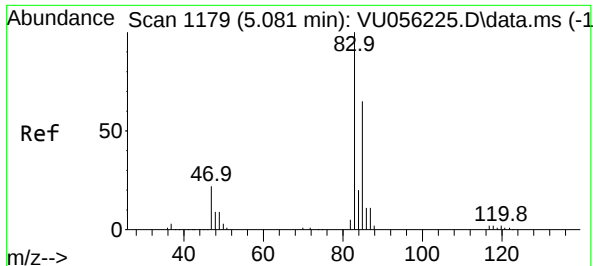
Tgt Ion: 96 Resp: 148704
 Ion Ratio Lower Upper
 96 100
 61 119.7 87.8 163.2
 98 61.8 43.5 80.7



#23
 Bromochloromethane
 Concen: 4.991 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056246.D
 Acq: 12 Nov 2023 03:46

Tgt Ion: 128 Resp: 62783
 Ion Ratio Lower Upper
 128 100
 49 143.2 103.7 192.7
 130 129.5 91.8 170.6
 51 45.3 38.9 58.3





#25

Chloroform

Concen: 5.053 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

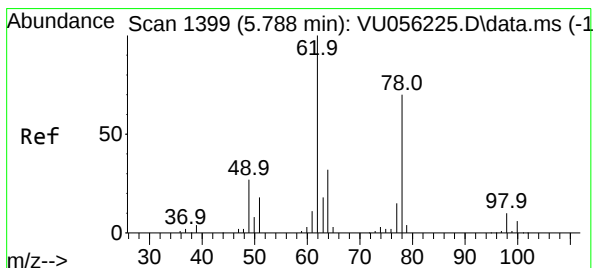
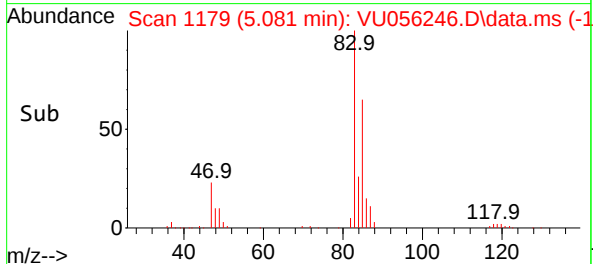
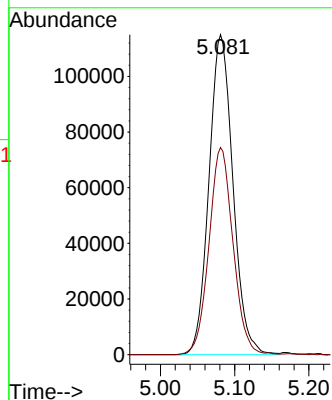
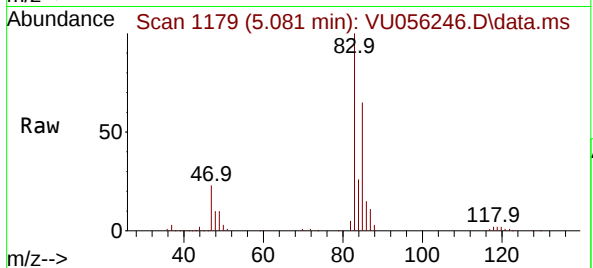
GCDP3MSD

Tgt Ion: 83 Resp: 257977

Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.036 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056246.D

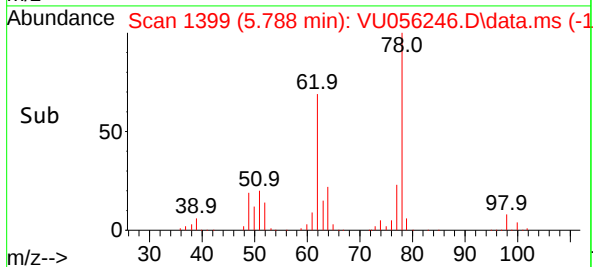
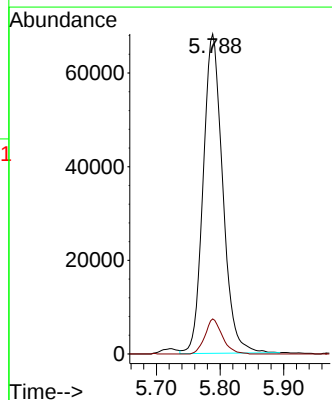
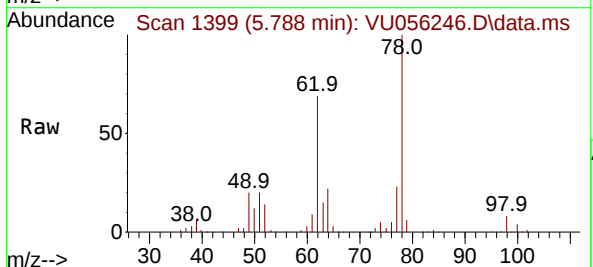
Acq: 12 Nov 2023 03:46

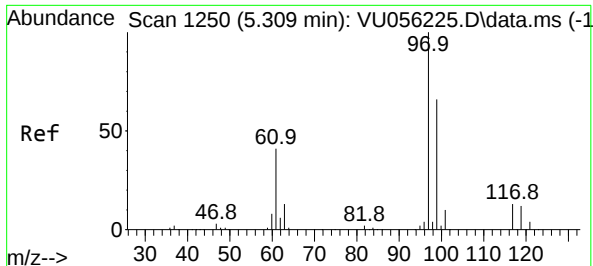
Tgt Ion: 62 Resp: 145494

Ion Ratio Lower Upper

62 100

98 11.0 7.1 10.7#

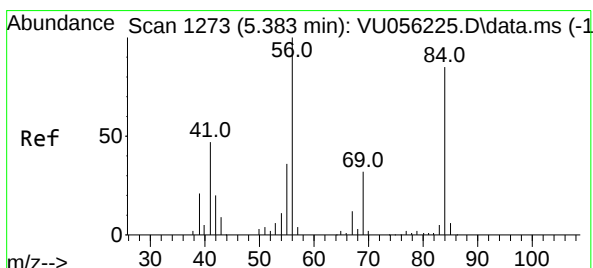
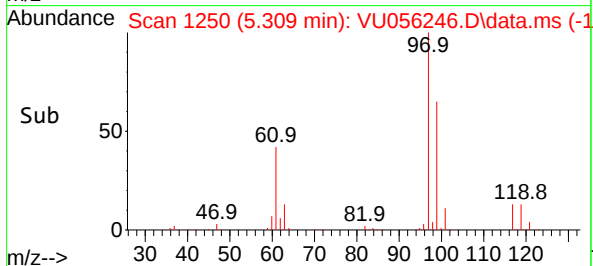
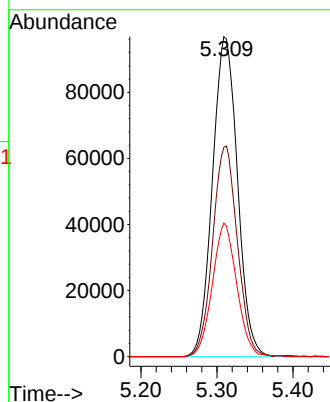
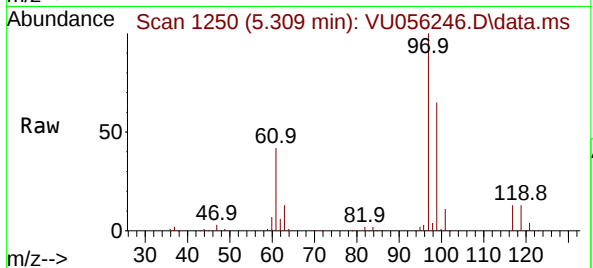




#29
1,1,1-Trichloroethane
Concen: 5.211 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

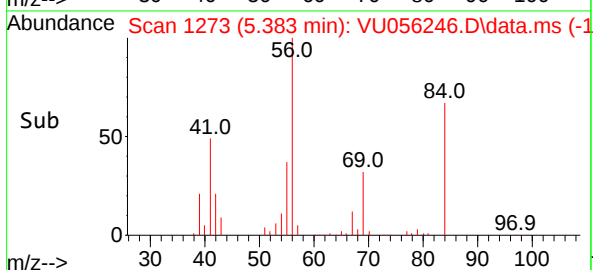
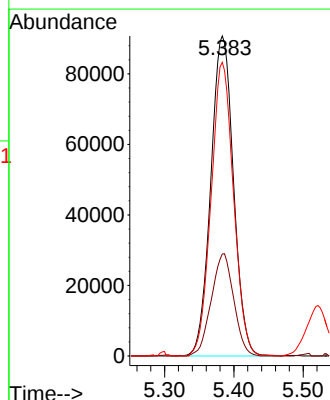
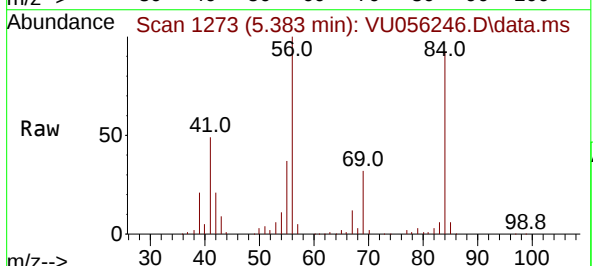
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

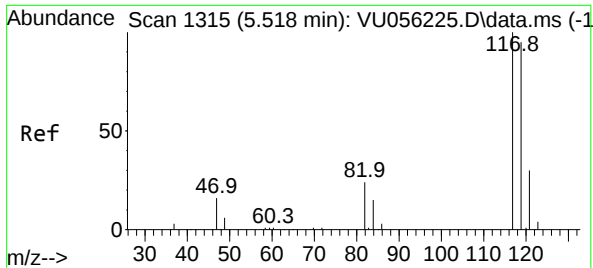
Tgt Ion: 97 Resp: 221469
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 40.7 33.4 50.0



#30
Cyclohexane
Concen: 5.196 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 56 Resp: 206329
Ion Ratio Lower Upper
56 100
69 31.6 26.6 39.8
84 90.6 70.4 105.6

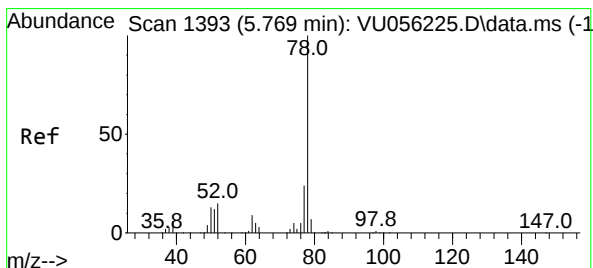
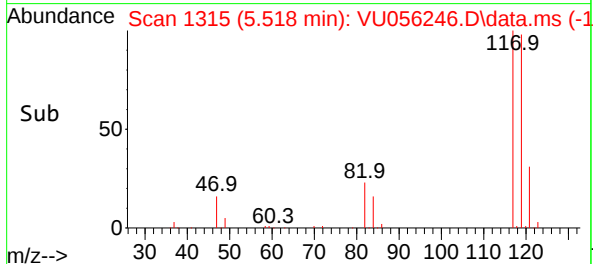
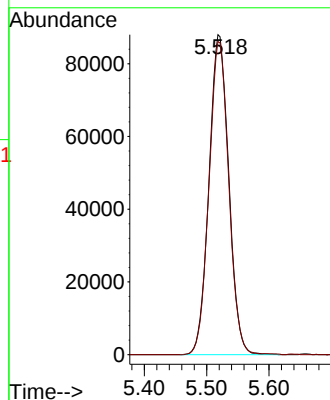
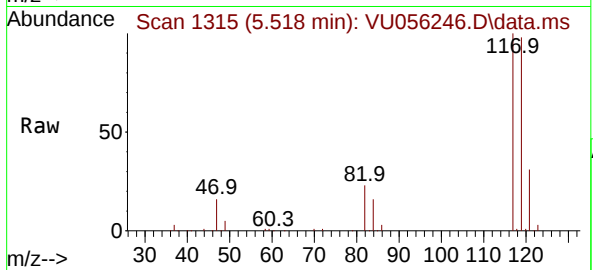




#31
Carbon tetrachloride
Concen: 5.145 ug/L
RT: 5.518 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

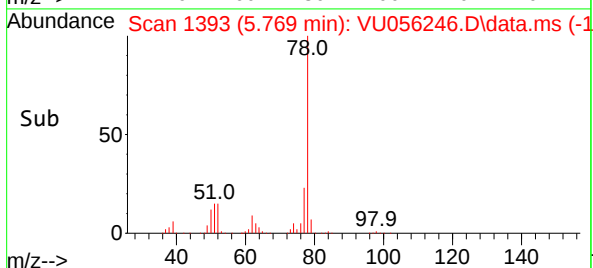
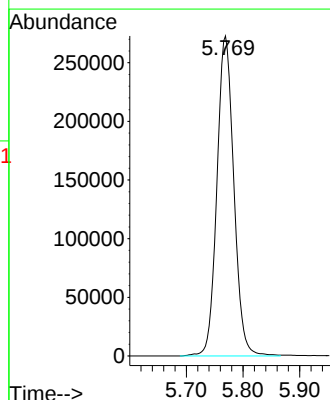
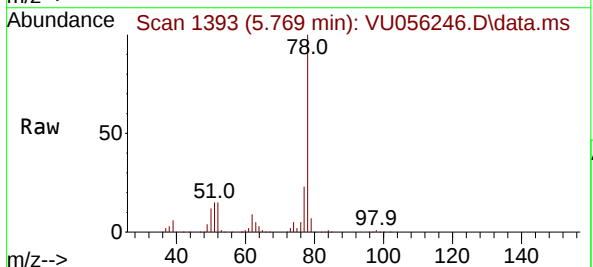
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

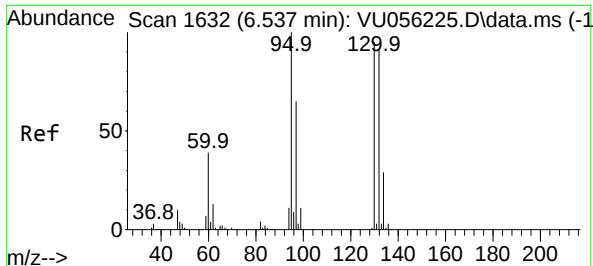
Tgt Ion:117 Resp: 194173
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8



#33
Benzene
Concen: 5.330 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 78 Resp: 566208

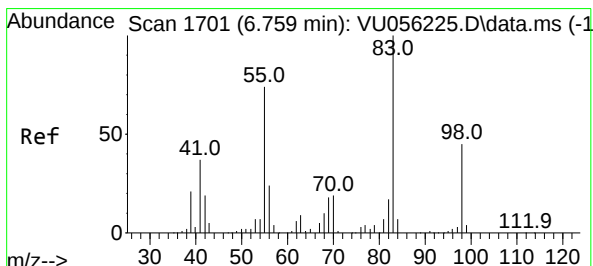
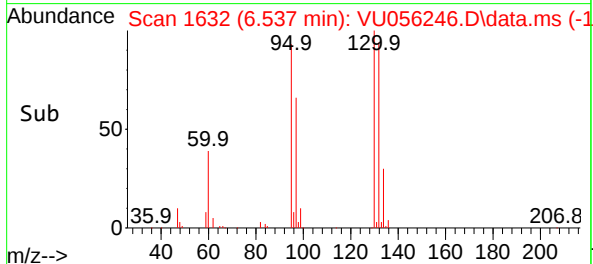
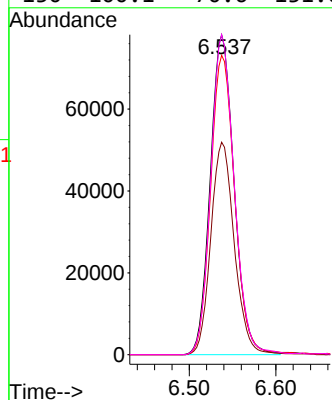
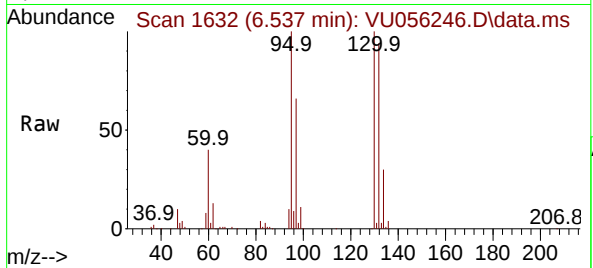




#34
Trichloroethene
Concen: 5.155 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

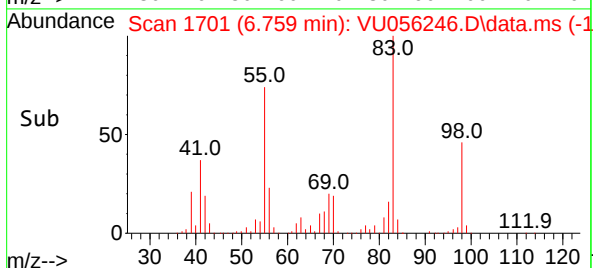
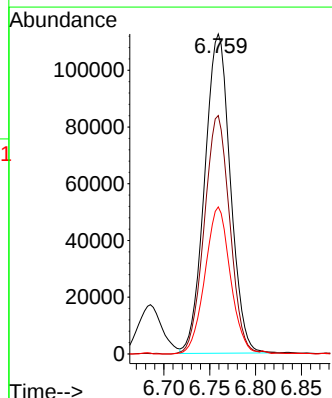
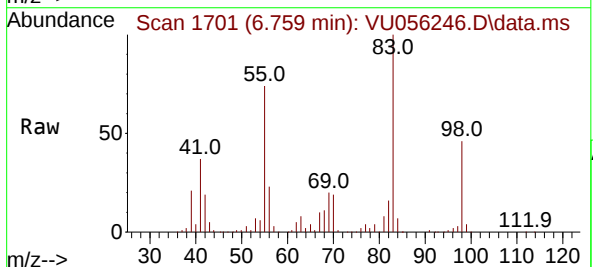
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

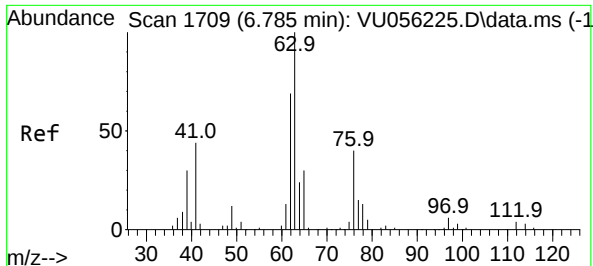
Tgt Ion: 95 Resp: 149594
Ion Ratio Lower Upper
95 100
97 66.4 46.8 87.0
132 93.6 66.5 123.5
130 100.1 70.6 131.0



#35
Methylcyclohexane
Concen: 5.087 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 83 Resp: 219377
Ion Ratio Lower Upper
83 100
55 74.6 60.6 91.0
98 45.5 36.2 54.4

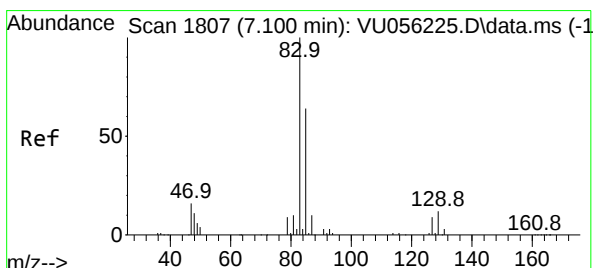
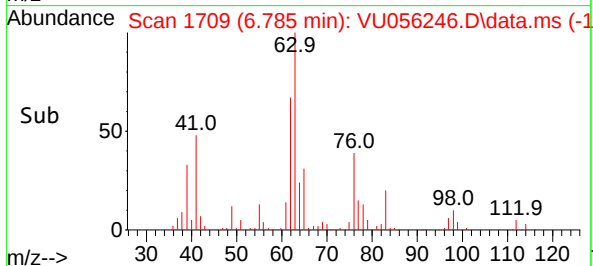
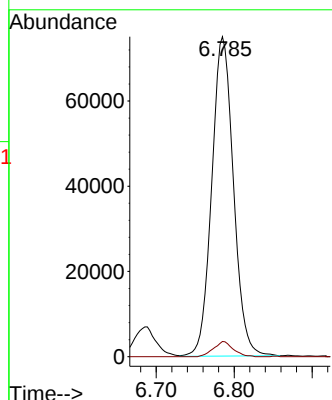
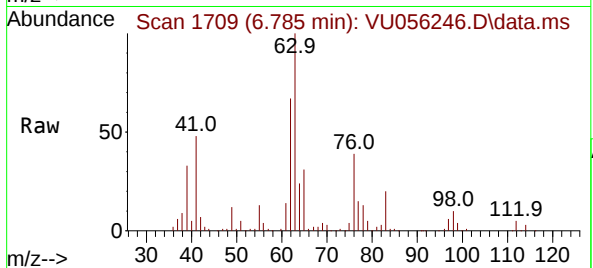




#37
1,2-Dichloropropane
Concen: 5.258 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

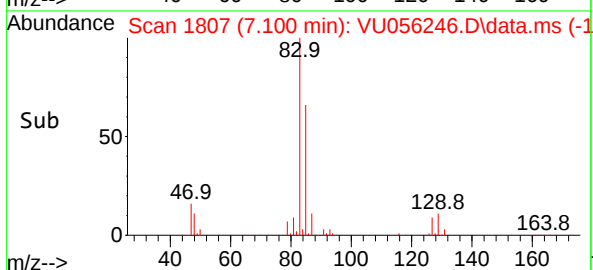
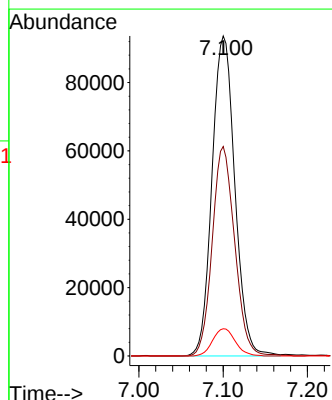
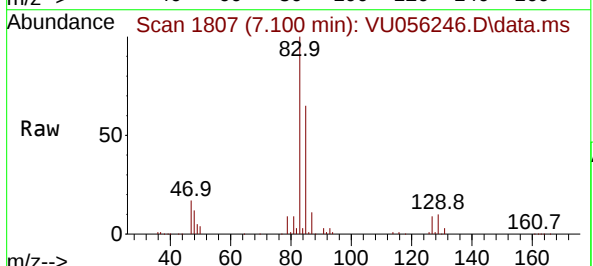
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

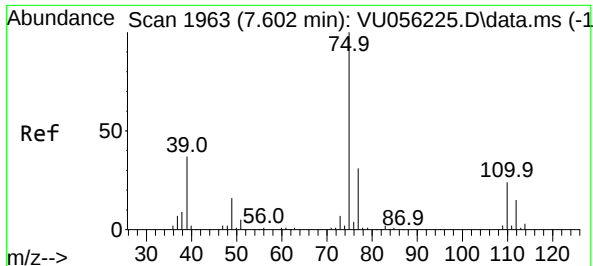
Tgt Ion: 63 Resp: 145245
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2



#38
Bromodichloromethane
Concen: 5.108 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 83 Resp: 176206
Ion Ratio Lower Upper
83 100
85 65.4 46.6 86.6
127 8.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.990 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

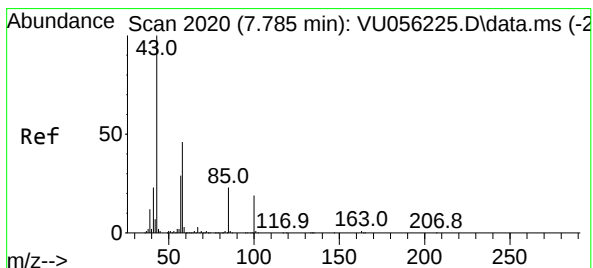
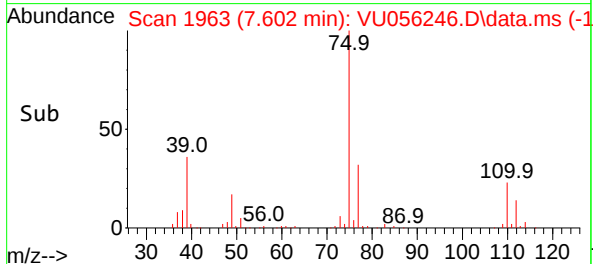
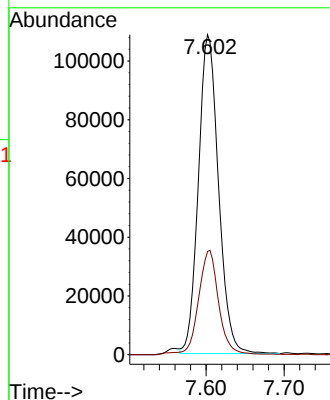
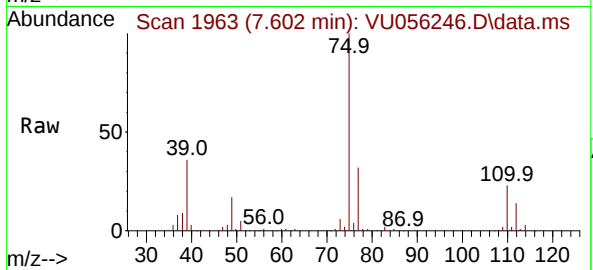
GCDP3MSD

Tgt Ion: 75 Resp: 194577

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 54.626 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

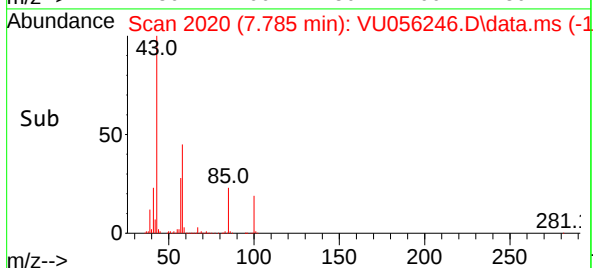
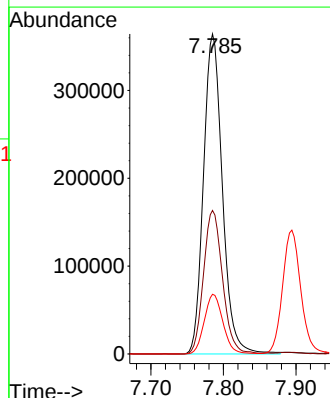
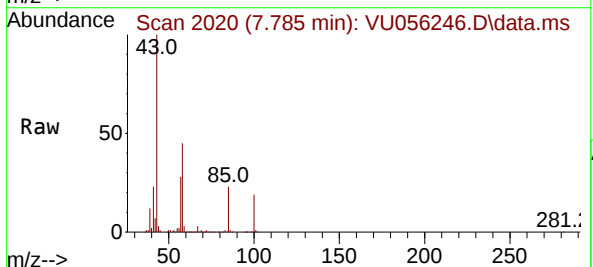
Tgt Ion: 43 Resp: 660082

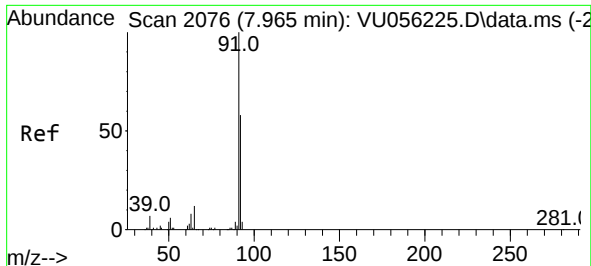
Ion Ratio Lower Upper

43 100

58 45.2 36.0 54.0

100 18.4 14.2 21.4





#42

Toluene

Concen: 5.405 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

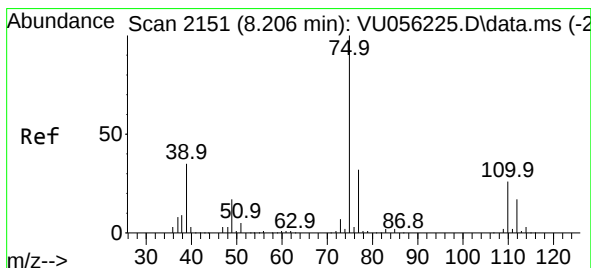
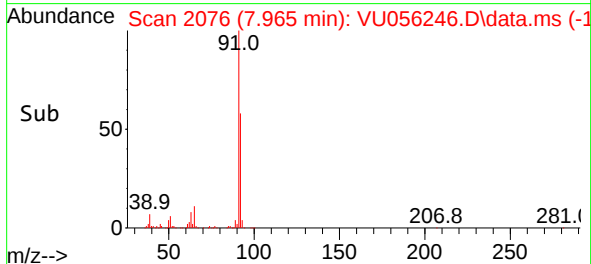
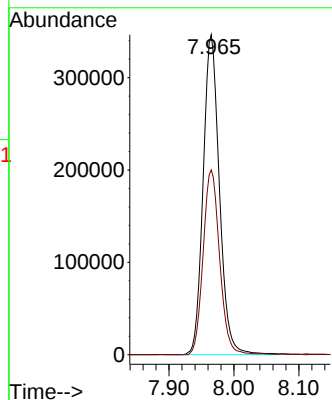
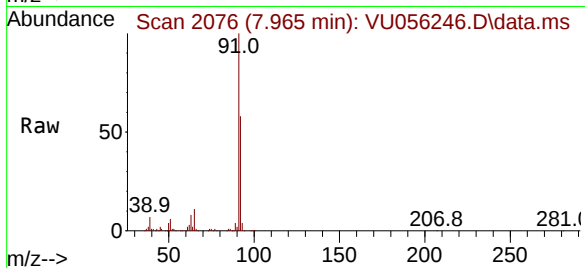
GCDP3MSD

Tgt Ion: 91 Resp: 605322

Ion Ratio Lower Upper

91 100

92 57.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.134 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056246.D

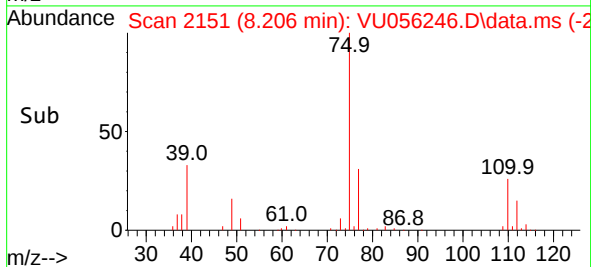
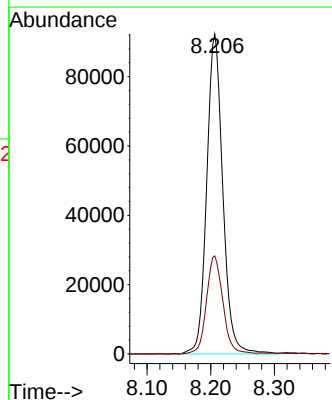
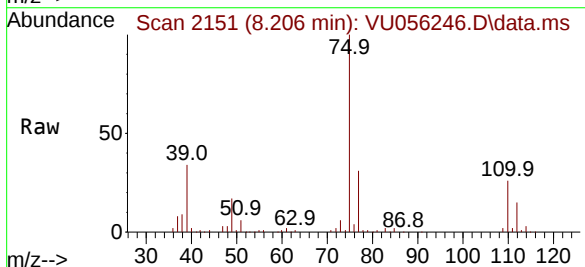
Acq: 12 Nov 2023 03:46

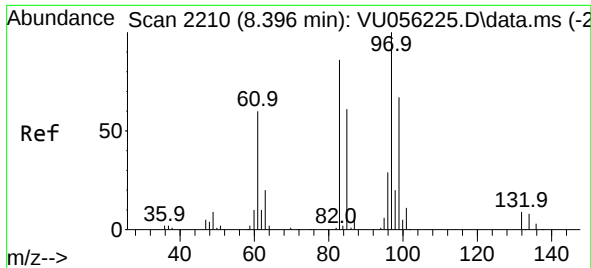
Tgt Ion: 75 Resp: 162065

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3

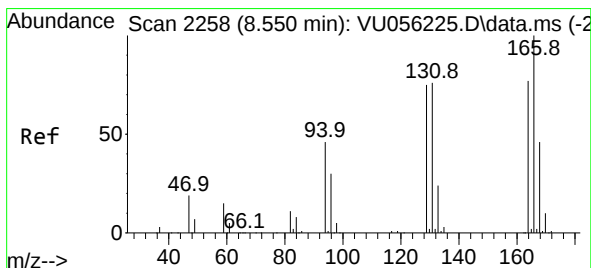
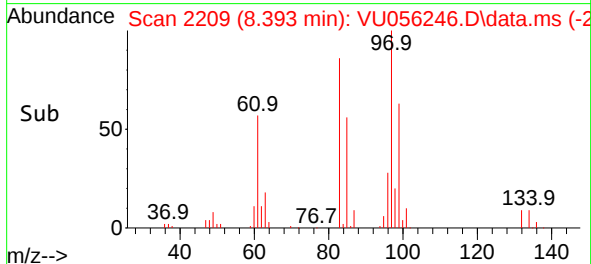
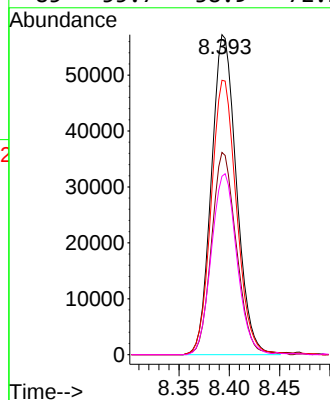
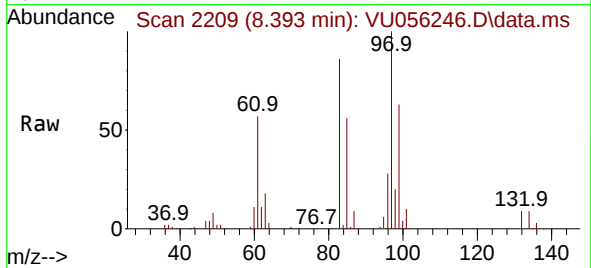




#45
1,1,2-Trichloroethane
Concen: 5.257 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

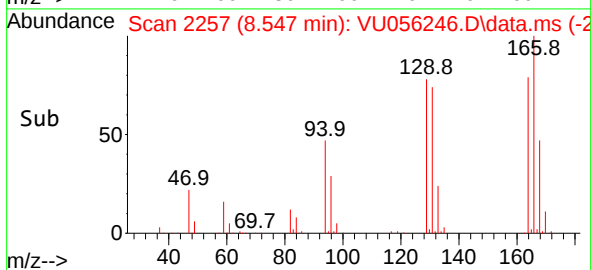
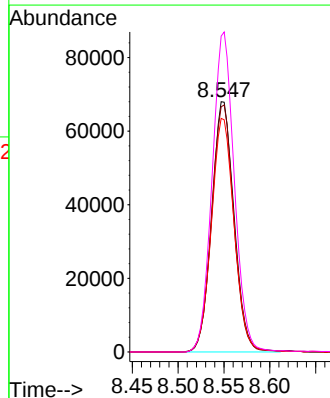
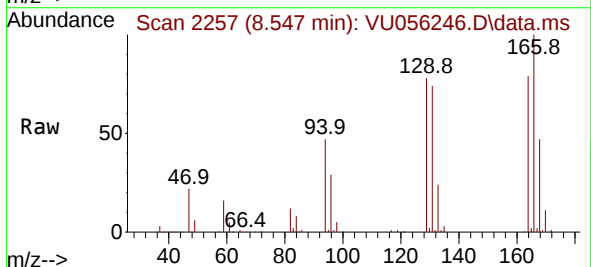
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

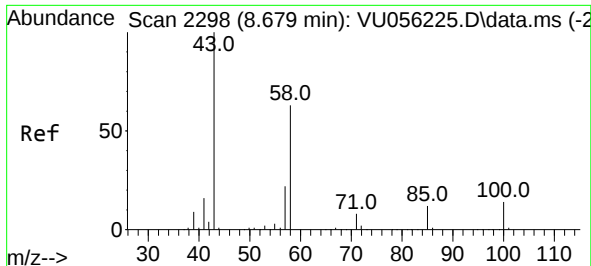
Tgt Ion:	97	Resp:	99274
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.7	82.9
83	85.8	59.4	110.2
85	55.7	38.9	72.2



#47
Tetrachloroethene
Concen: 5.296 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion:	164	Resp:	115348
Ion	Ratio	Lower	Upper
164	100		
129	97.9	66.6	123.8
131	93.4	67.8	126.0
166	126.2	85.9	159.5



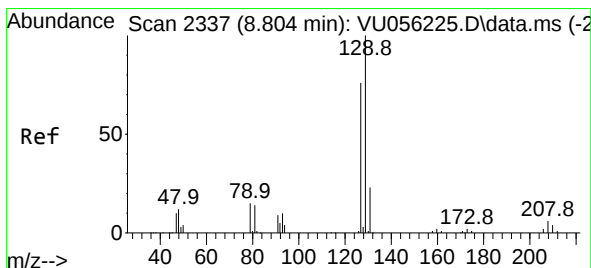
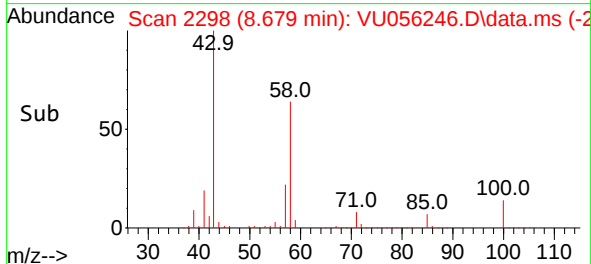
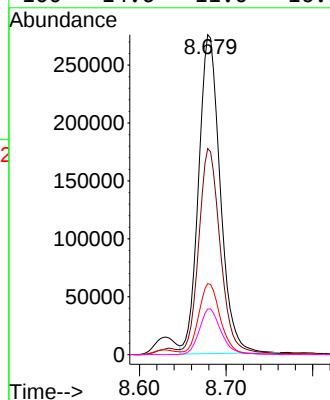
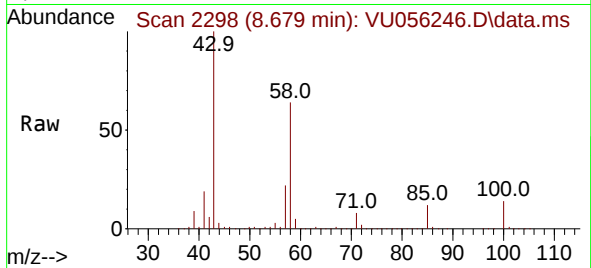


#48
2-Hexanone
Concen: 54.220 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

Tgt Ion: 43 Resp: 477024

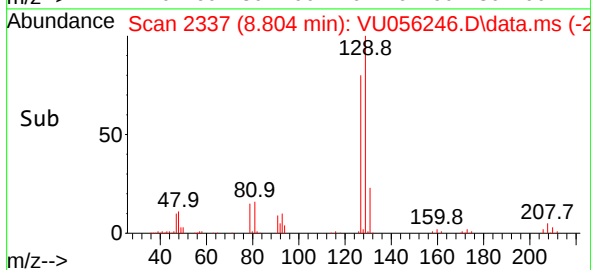
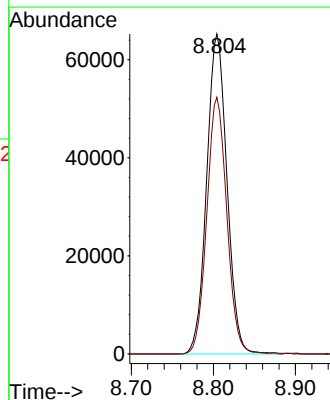
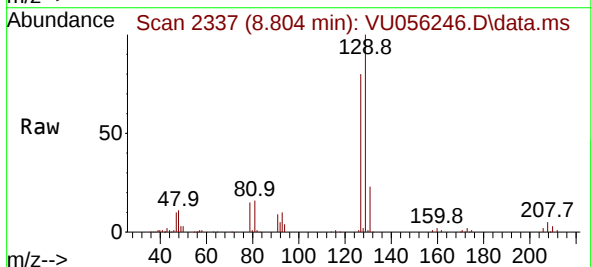
Ion	Ratio	Lower	Upper
43	100		
58	64.4	52.0	78.0
57	22.3	17.4	26.2
100	14.6	11.0	16.6

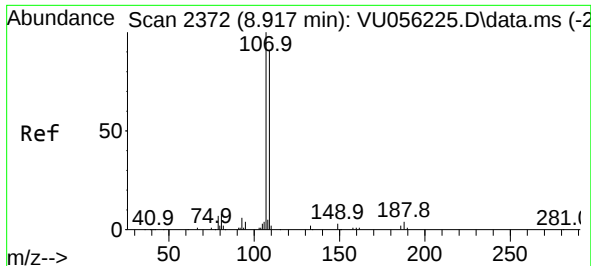


#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 129 Resp: 112005

Ion	Ratio	Lower	Upper
129	100		
127	80.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.391 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD

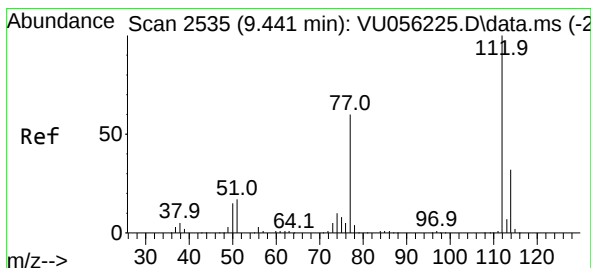
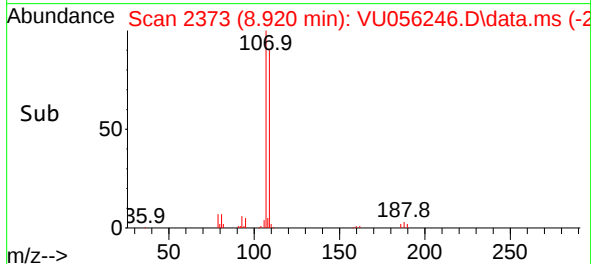
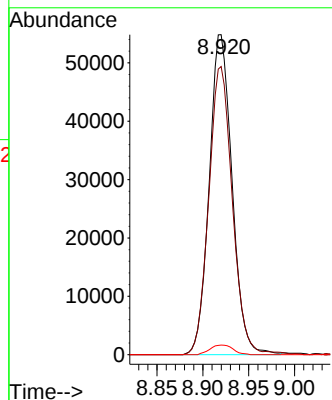
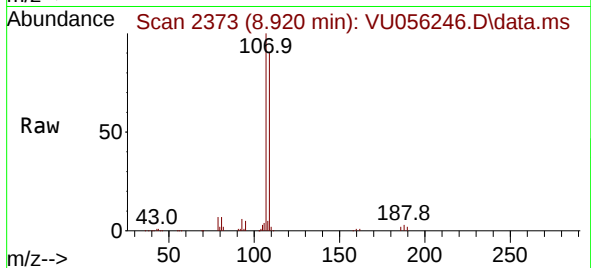
Tgt Ion:107 Resp: 95128

Ion Ratio Lower Upper

107 100

109 90.1 66.9 124.3

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 5.289 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

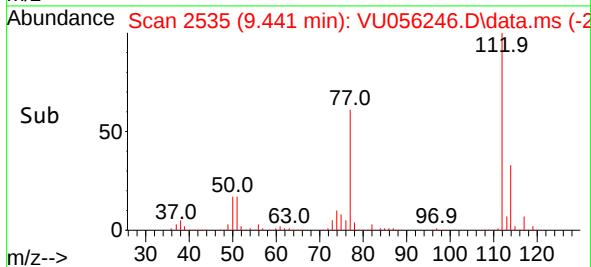
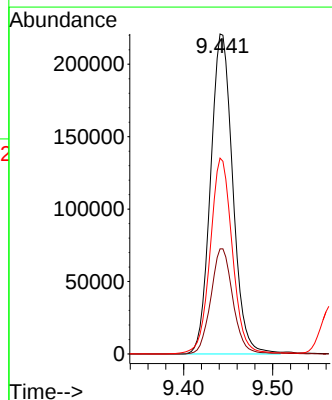
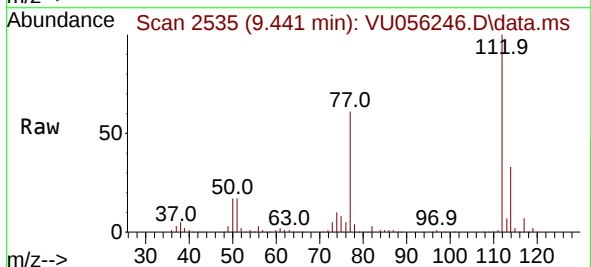
Tgt Ion:112 Resp: 382155

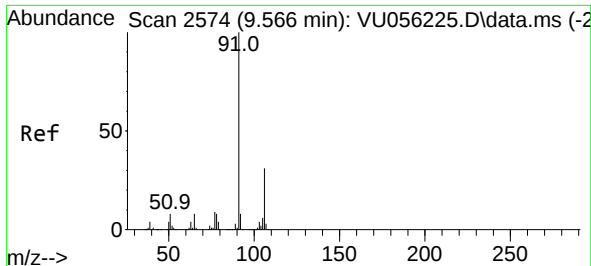
Ion Ratio Lower Upper

112 100

114 32.8 21.8 40.4

77 61.2 48.2 72.4

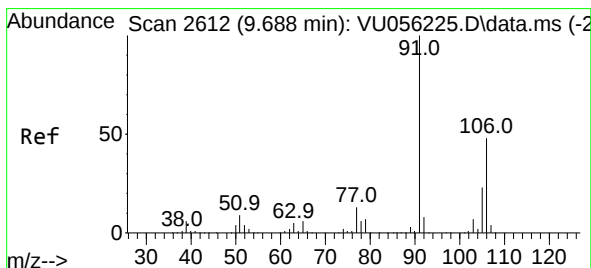
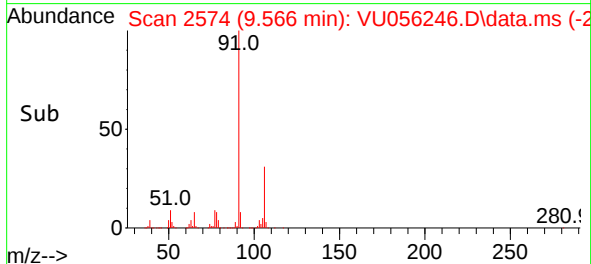
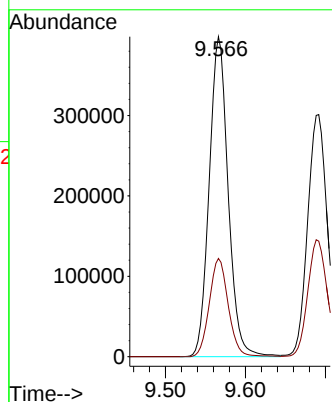
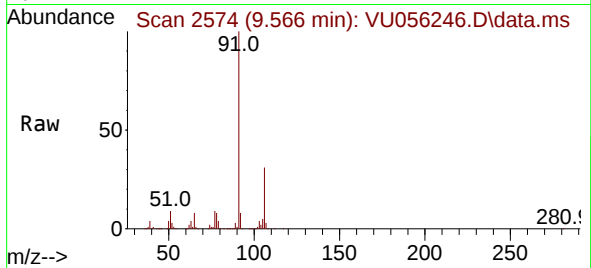




#52
Ethylbenzene
Concen: 5.378 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

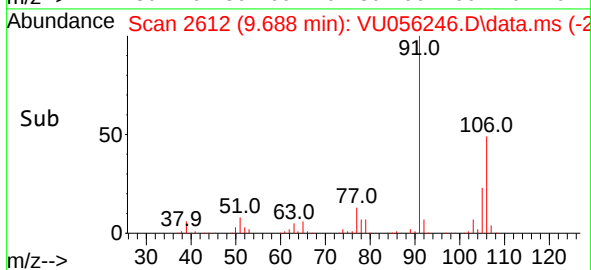
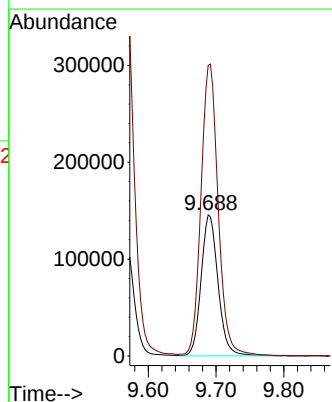
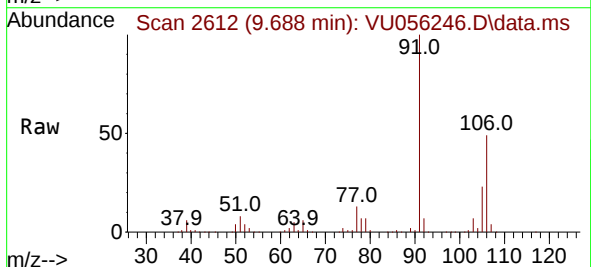
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

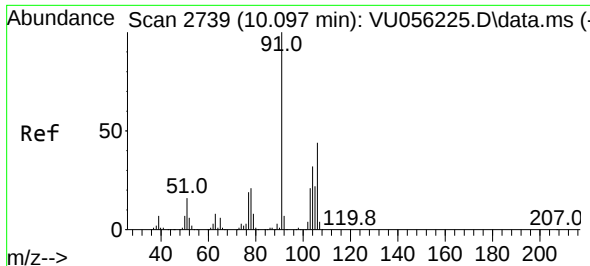
Tgt Ion: 91 Resp: 656373
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4



#53
m,p-Xylene
Concen: 5.417 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion: 106 Resp: 251426
Ion Ratio Lower Upper
106 100
91 206.2 144.9 269.1

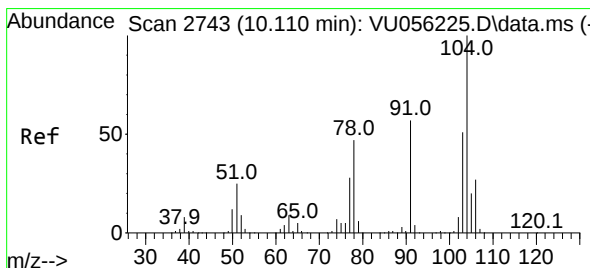
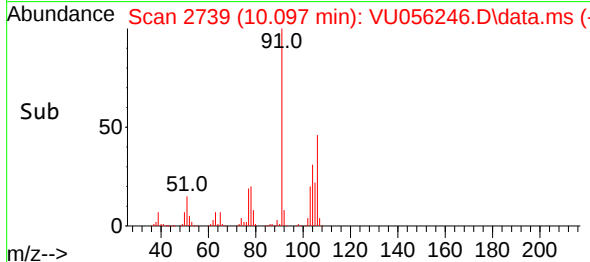
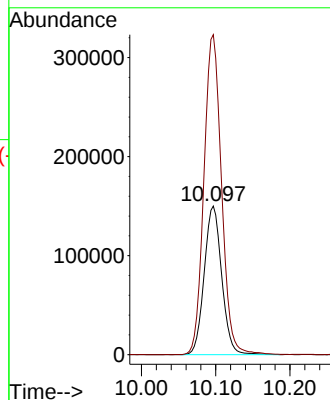
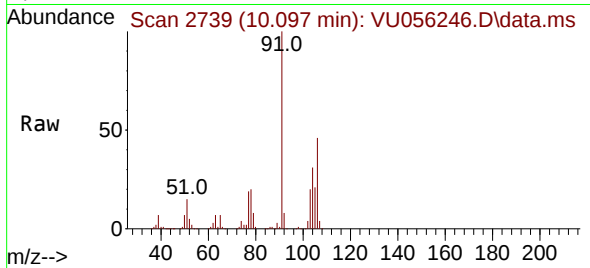




#54
o-Xylene
Concen: 5.524 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

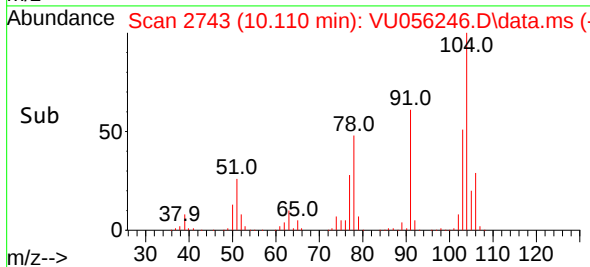
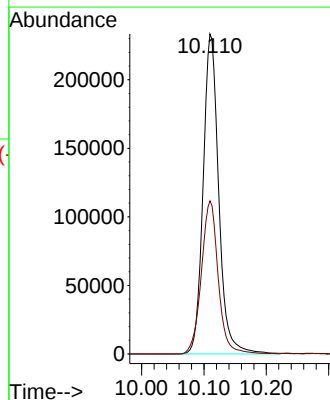
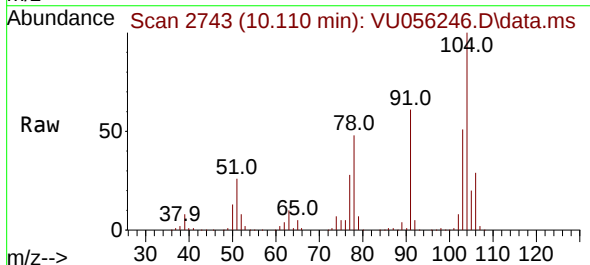
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

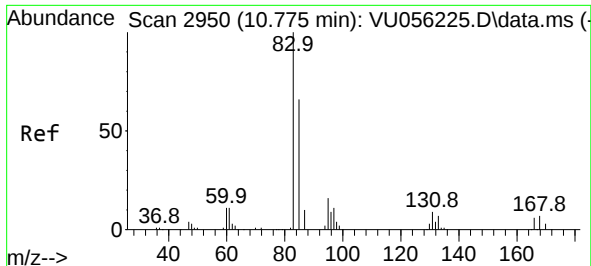
Tgt Ion:106 Resp: 245778
Ion Ratio Lower Upper
106 100
91 215.3 158.2 293.8



#55
Styrene
Concen: 5.590 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion:104 Resp: 406867
Ion Ratio Lower Upper
104 100
78 47.8 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.428 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD

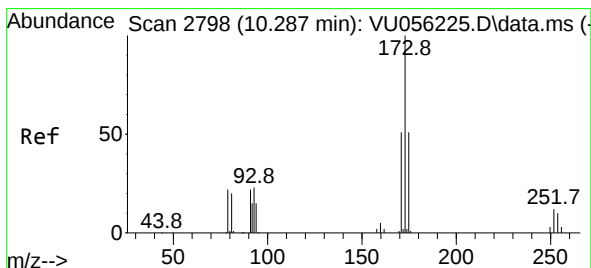
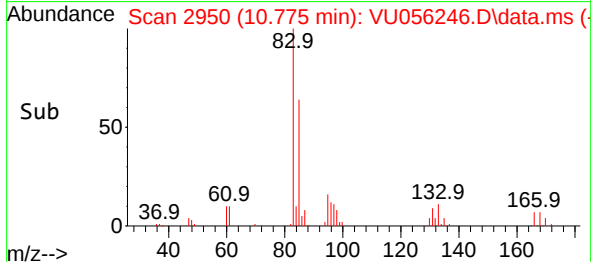
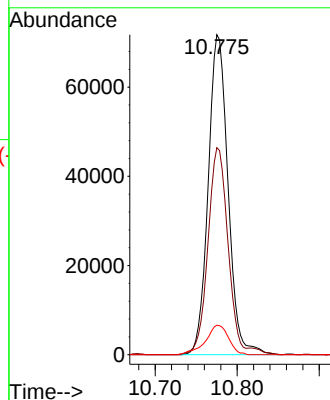
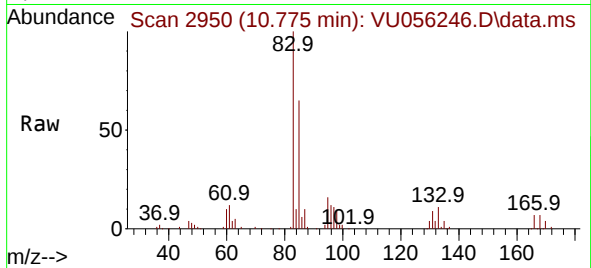
Tgt Ion: 83 Resp: 120468

Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8

131 9.2 7.4 11.2



#59

Bromoform

Concen: 4.836 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

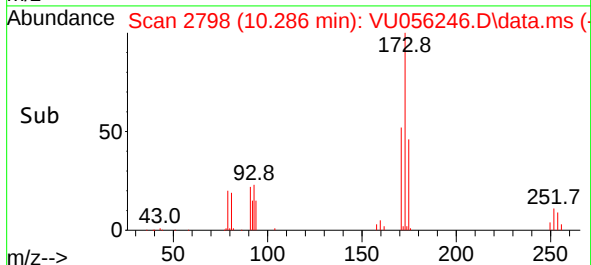
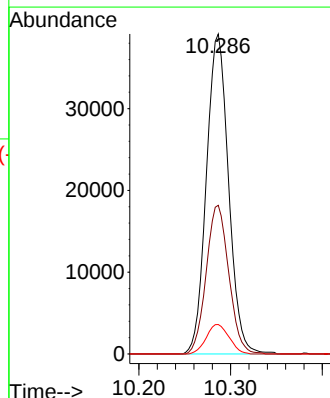
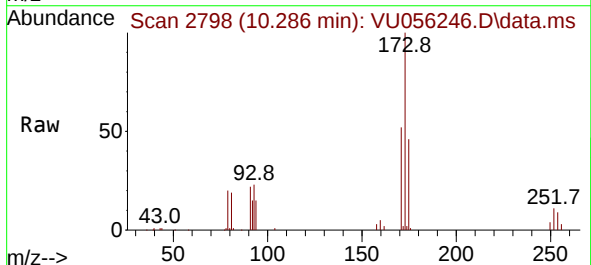
Tgt Ion: 173 Resp: 65600

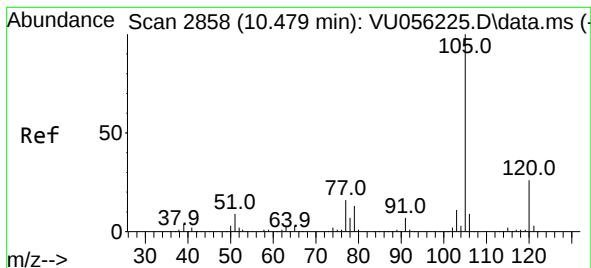
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.4

254 9.5 8.2 12.2





#60

Isopropylbenzene

Concen: 5.168 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD

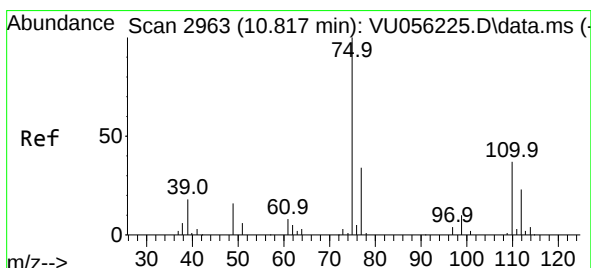
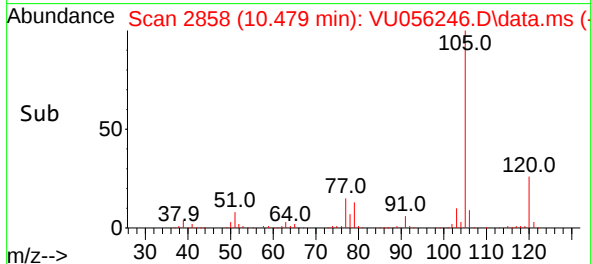
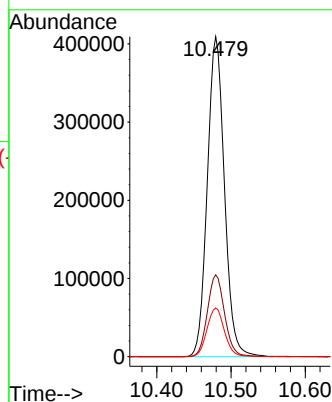
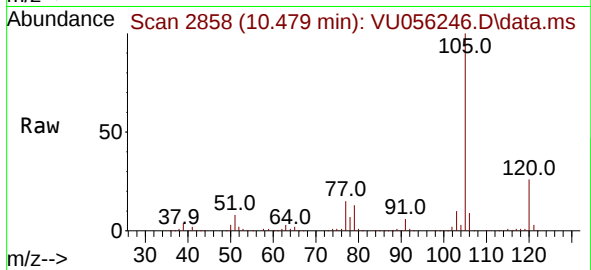
Tgt Ion:105 Resp: 654411

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.864 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

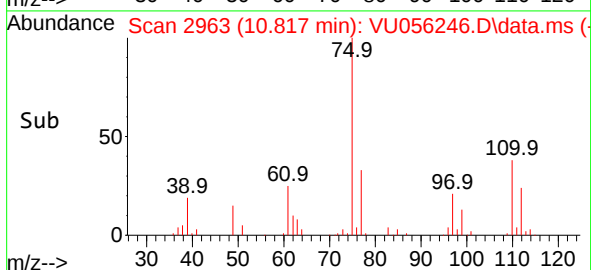
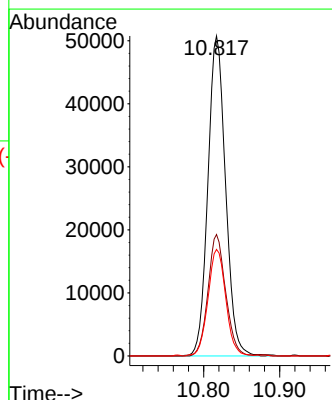
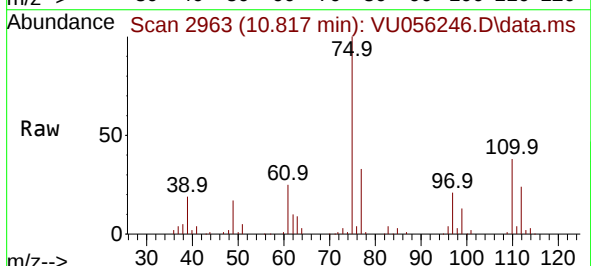
Tgt Ion: 75 Resp: 81997

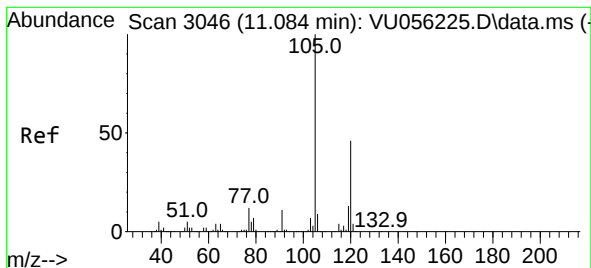
Ion Ratio Lower Upper

75 100

110 37.9 29.7 44.5

77 33.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.181 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

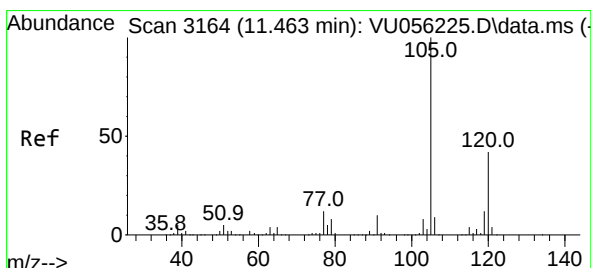
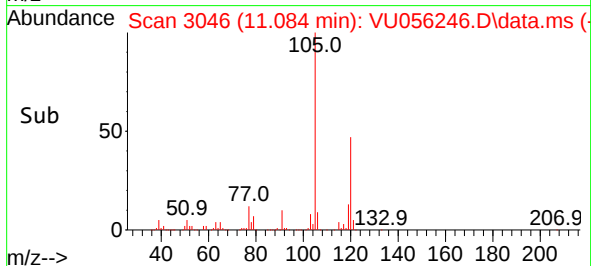
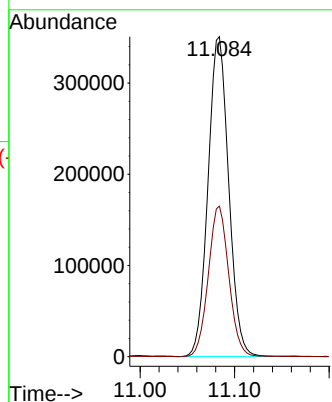
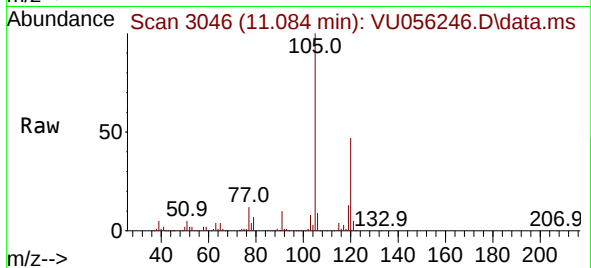
GCDP3MSD

Tgt Ion:105 Resp: 532096

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.276 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056246.D

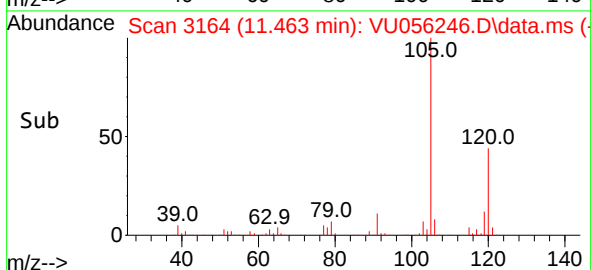
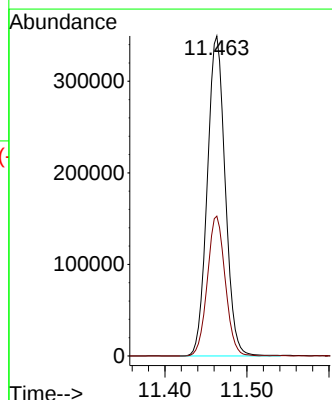
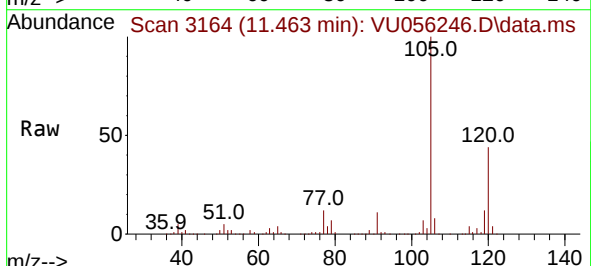
Acq: 12 Nov 2023 03:46

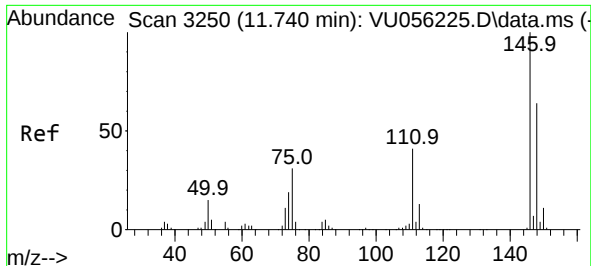
Tgt Ion:105 Resp: 531449

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.0

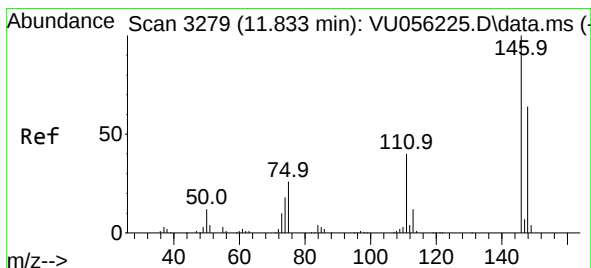
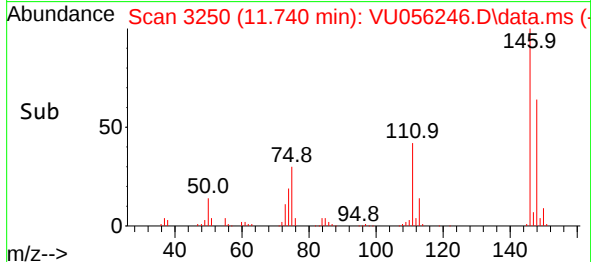
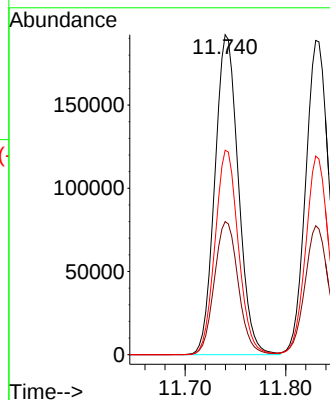
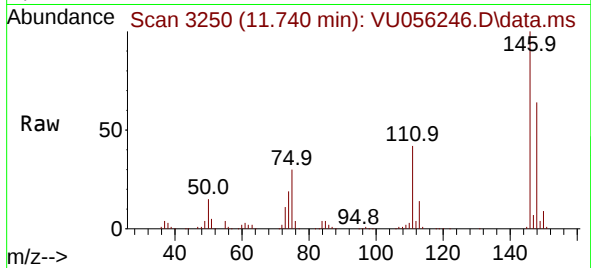




#64
1,3-Dichlorobenzene
Concen: 5.224 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

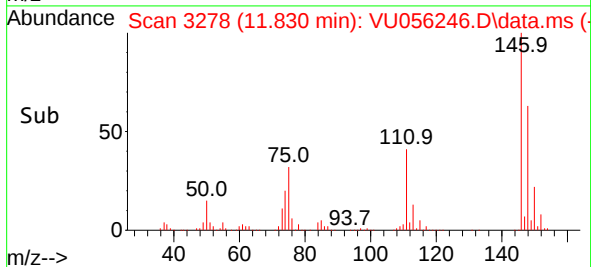
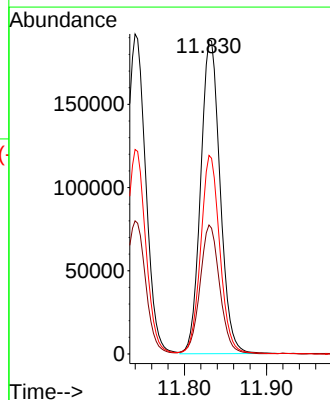
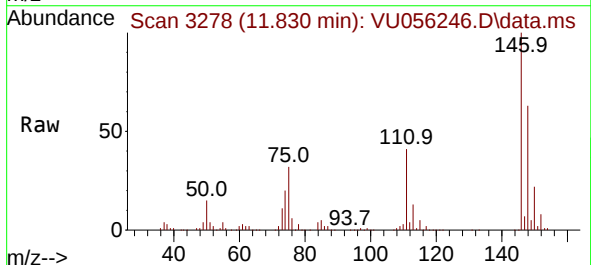
Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

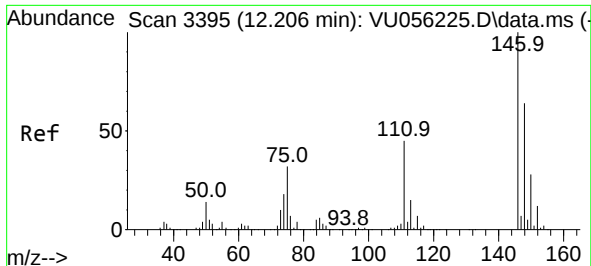
Tgt Ion:146 Resp: 313319
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.230 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion:146 Resp: 310167
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 63.2 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.150 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD

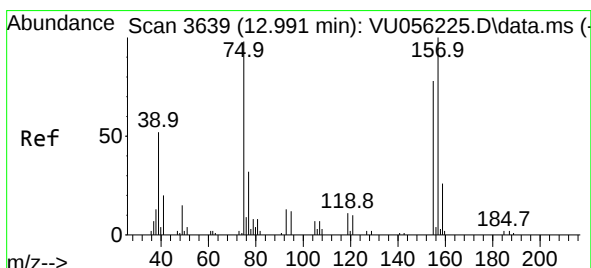
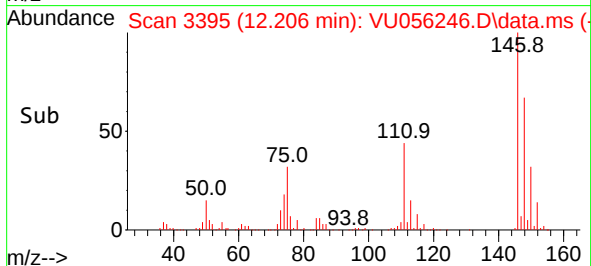
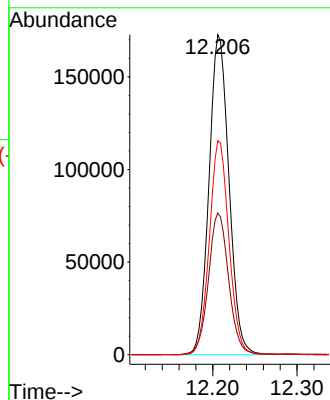
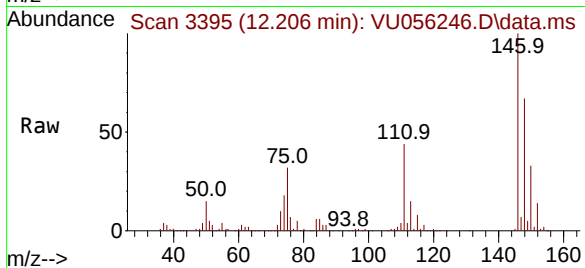
Tgt Ion:146 Resp: 284604

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 66.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.693 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

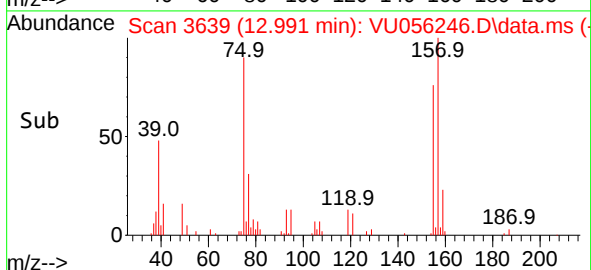
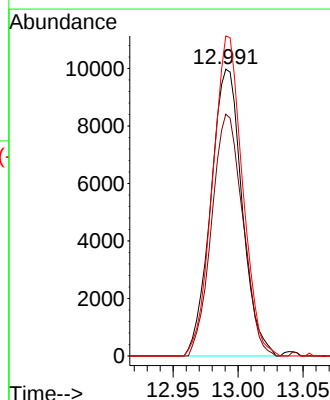
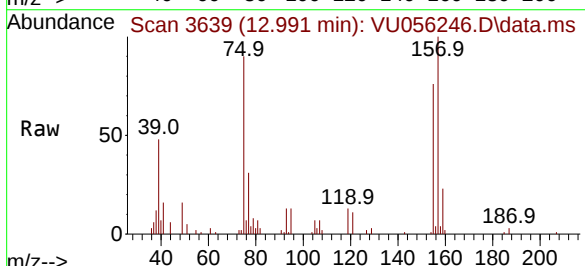
Tgt Ion: 75 Resp: 16690

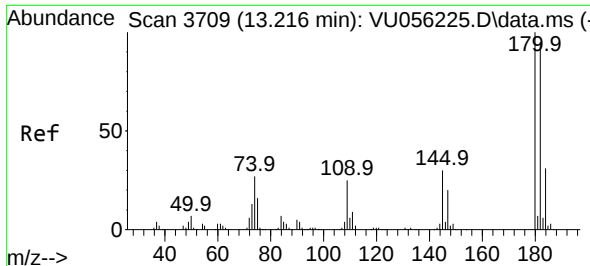
Ion Ratio Lower Upper

75 100

155 84.3 63.3 94.9

157 111.6 79.1 118.7





#69

1,3,5-Trichlorobenzene

Concen: 5.237 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056246.D

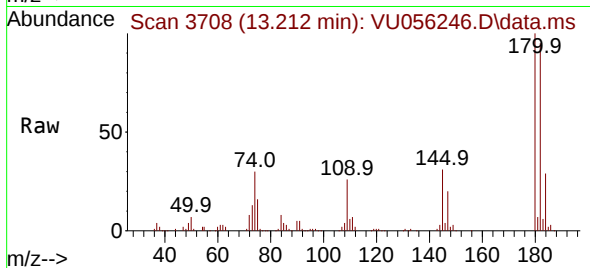
Acq: 12 Nov 2023 03:46

Instrument :

MSVOA_U

ClientSampleId :

GCDP3MSD



Tgt Ion:180 Resp: 235249

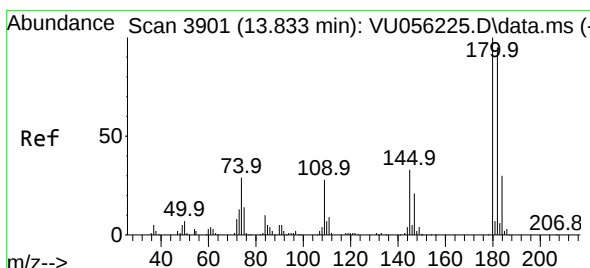
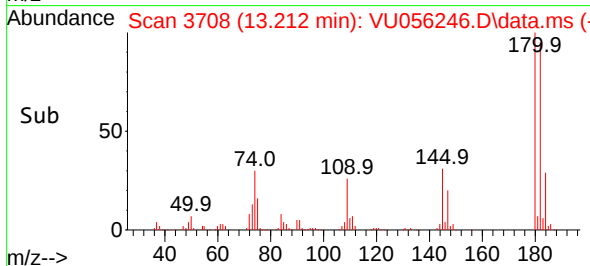
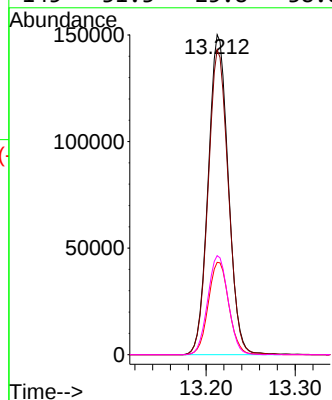
Ion Ratio Lower Upper

180 100

182 95.7 76.0 114.0

184 29.5 24.0 36.0

145 31.3 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 5.341 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU056246.D

Acq: 12 Nov 2023 03:46

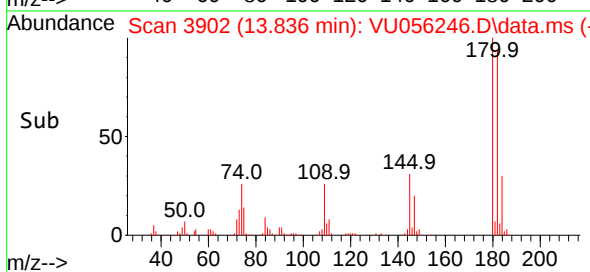
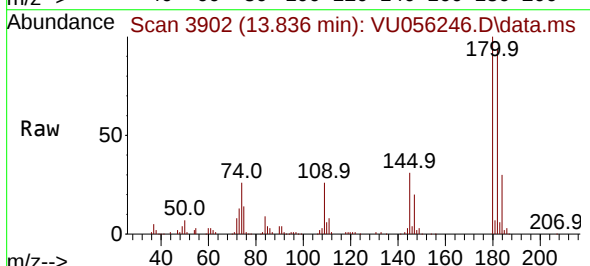
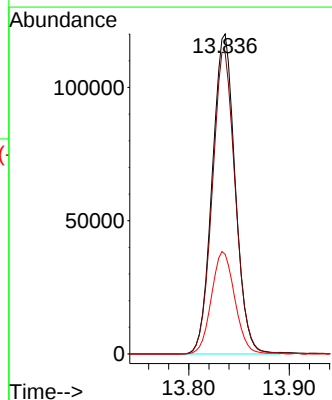
Tgt Ion:180 Resp: 190330

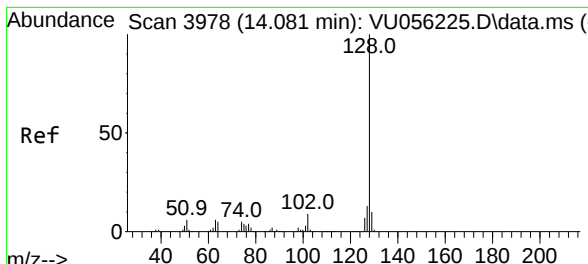
Ion Ratio Lower Upper

180 100

182 94.7 77.4 116.2

145 32.6 25.9 38.9

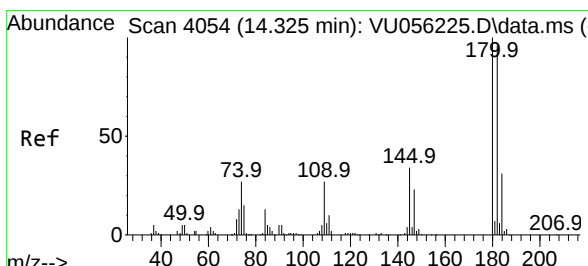
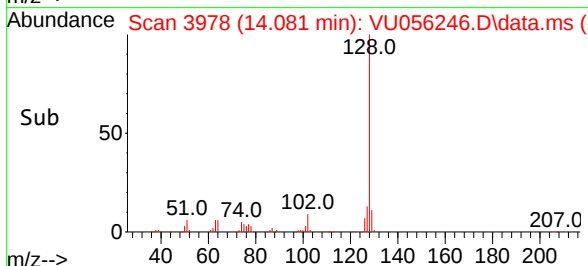
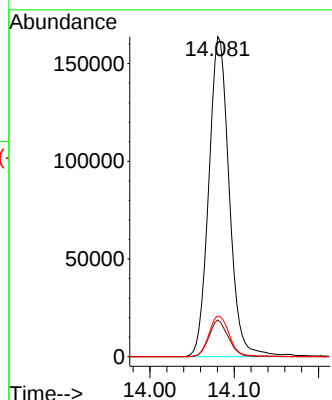
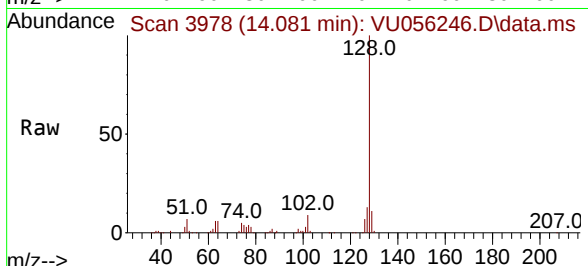




#71
Naphthalene
Concen: 5.222 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Instrument :
MSVOA_U
ClientSampleId :
GCDP3MSD

Tgt Ion:	128	Resp:	276003
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	12.8	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.119 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056246.D
Acq: 12 Nov 2023 03:46

Tgt Ion:	180	Resp:	159927
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	33.5	28.0	42.0

