

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056225.D
 Acq On : 11 Nov 2023 18:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	383287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	361309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	184819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90047	3.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.911	69	68955	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	42141	4.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.621	46	216653	55.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.020%
24) Chloroform-d	5.058	84	210832	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	93726	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	412736	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.685	67	124742	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	367034	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	46764	4.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	208406	65.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.240%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	97987	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	134082	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	149815	4.609	ug/L	99
3) Chloromethane	1.515	50	159147	5.226	ug/L	97
5) Vinyl chloride	1.602	62	154495	4.904	ug/L	100
6) Bromomethane	1.856	94	86688	4.791	ug/L	98
8) Chloroethane	1.930	64	83940	4.915	ug/L	98
9) Trichlorofluoromethane	2.136	101	204429	4.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	123961	4.670	ug/L	98
12) 1,1-Dichloroethene	2.576	96	126342	5.129	ug/L	96
13) Acetone	2.631	43	158785	55.164	ug/L	99
14) Carbon disulfide	2.788	76	392530	4.676	ug/L	99
15) Methyl Acetate	2.949	43	41287	5.084	ug/L	98
16) Methylene chloride	3.039	84	146851	5.199	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	302427	5.449	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	132741	5.085	ug/L	98
19) 1,1-Dichloroethane	3.862	63	251797	5.288	ug/L	96
21) 2-Butanone	4.702	43	277234	58.402	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	151556	5.378	ug/L	98
23) Bromochloromethane	4.968	128	66570	5.324	ug/L	94
25) Chloroform	5.081	83	259487	5.114	ug/L	99

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 ALS Vial : 1 Sample Multiplier: 1

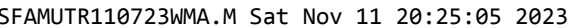
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 ClientSampleId :

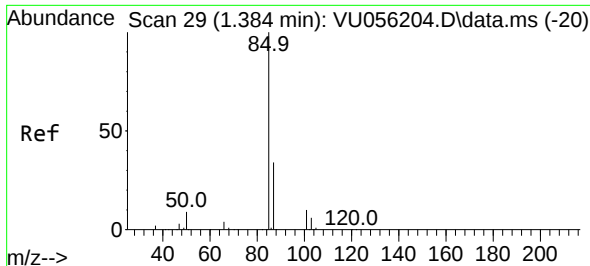
Quant Time: Nov 11 20:24:55 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	147057	5.121	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	215429	5.205	ug/L	99
30) Cyclohexane	5.383	56	184511	4.771	ug/L	99
31) Carbon tetrachloride	5.518	117	185129	5.037	ug/L	100
33) Benzene	5.769	78	562140	5.434	ug/L	100
34) Trichloroethene	6.537	95	151629	5.366	ug/L	96
35) Methylcyclohexane	6.759	83	200144	4.765	ug/L	99
37) 1,2-Dichloropropane	6.785	63	146606	5.449	ug/L	100
38) Bromodichloromethane	7.100	83	178021	5.299	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	207066	5.453	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	682458	57.994	ug/L	99
42) Toluene	7.965	91	591456	5.423	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	168487	5.480	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	103292	5.616	ug/L	96
47) Tetrachloroethene	8.550	164	108019	5.093	ug/L	97
48) 2-Hexanone	8.679	43	504647	58.899	ug/L	98
49) Dibromochloromethane	8.804	129	115556	5.476	ug/L	97
50) 1,2-Dibromoethane	8.917	107	96240	5.600	ug/L	96
51) Chlorobenzene	9.441	112	373230	5.304	ug/L	99
52) Ethylbenzene	9.566	91	626152	5.268	ug/L	99
53) m,p-Xylene	9.688	106	247627	5.478	ug/L	99
54) o-Xylene	10.097	106	232965	5.376	ug/L	99
55) Styrene	10.110	104	408719	5.766	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	123210	5.701	ug/L	96
59) Bromoform	10.287	173	68440	5.332	ug/L	100
60) Isopropylbenzene	10.479	105	616965	5.149	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	85289	5.346	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	499891	5.144	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	509803	5.348	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	302762	5.335	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	300541	5.356	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	277879	5.313	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18242	5.421	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	225201	5.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	188030	5.576	ug/L	98
71) Naphthalene	14.081	128	292098	5.840	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	164636	5.568	ug/L	98

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

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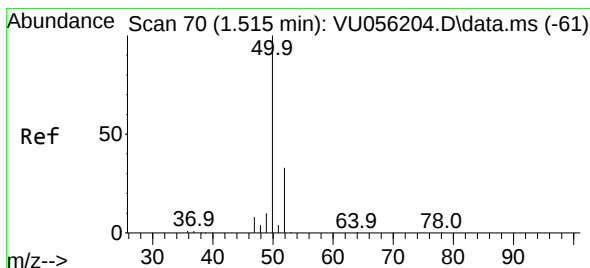
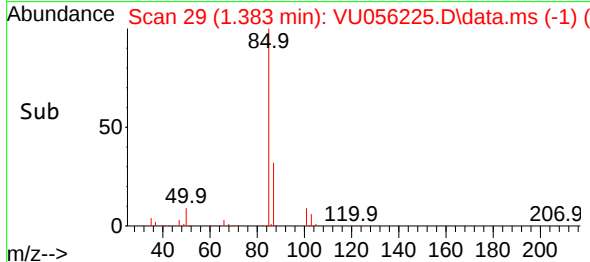
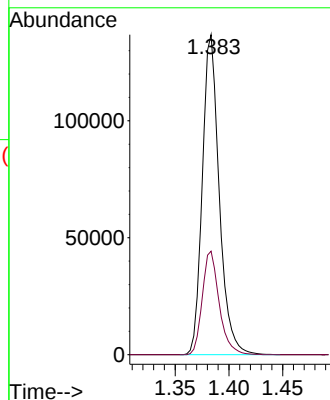
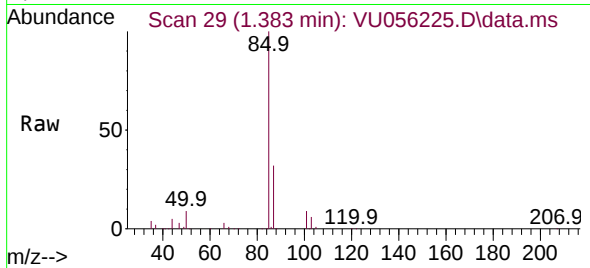




#2
Dichlorodifluoromethane
Concen: 4.609 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

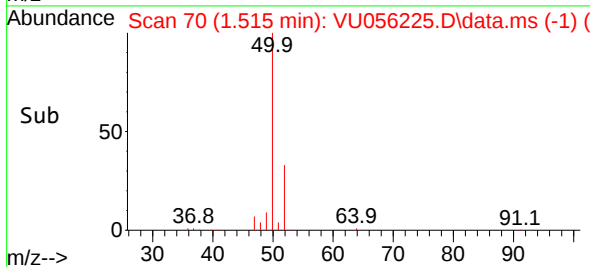
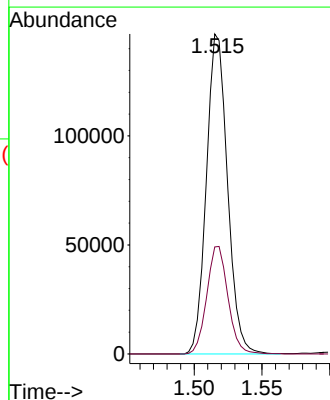
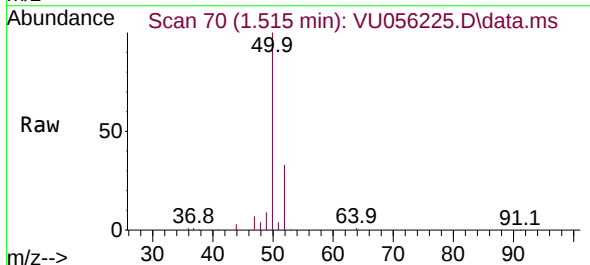
Instrument :
MSVOA_U
ClientSampleId :

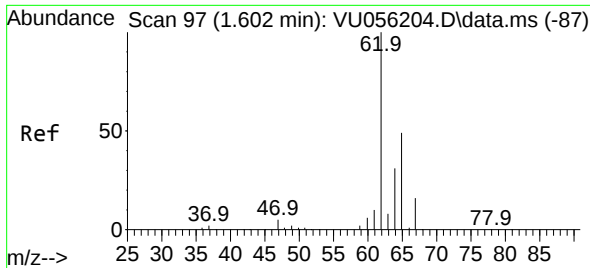
Tgt Ion: 85 Resp: 149815
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6



#3
Chloromethane
Concen: 5.226 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 50 Resp: 159147
Ion Ratio Lower Upper
50 100
52 33.5 22.2 41.2

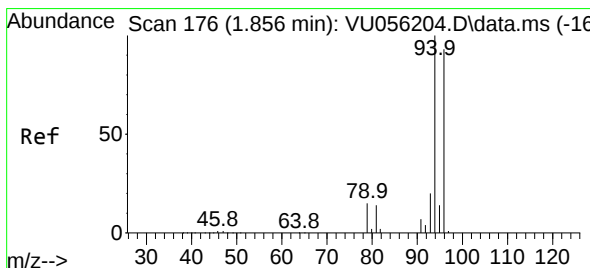
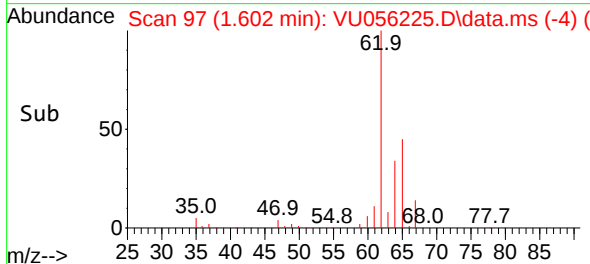
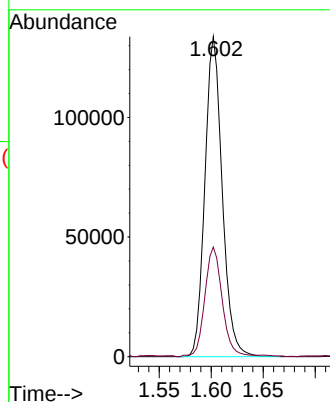
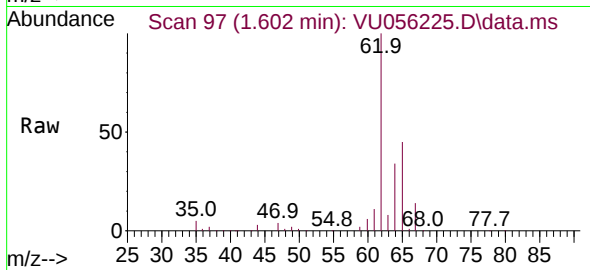




#5
 Vinyl chloride
 Concen: 4.904 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

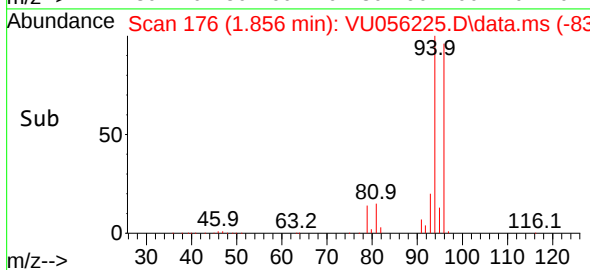
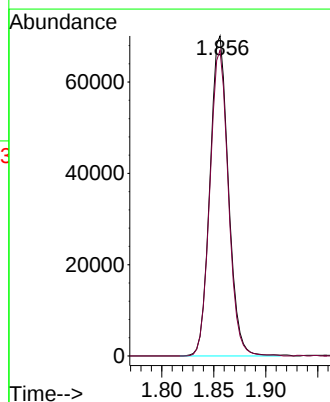
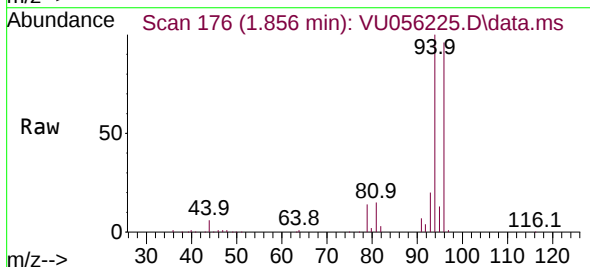
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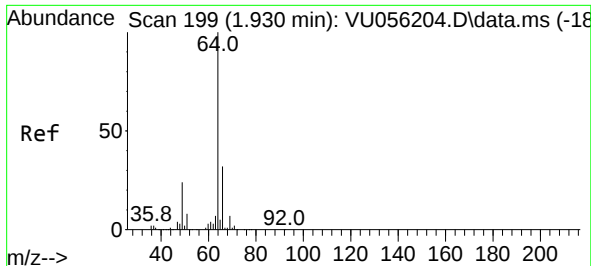
Tgt Ion: 62 Resp: 154495
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.1 44.7



#6
 Bromomethane
 Concen: 4.791 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

Tgt Ion: 94 Resp: 86688
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.6 121.8

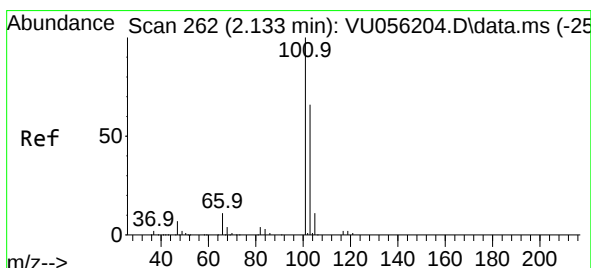
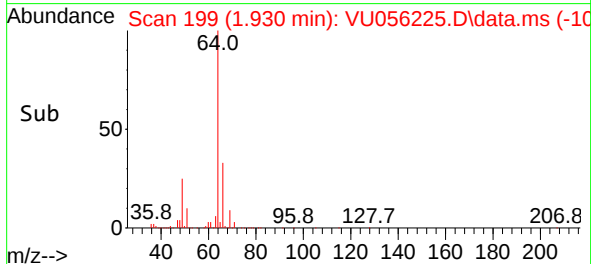
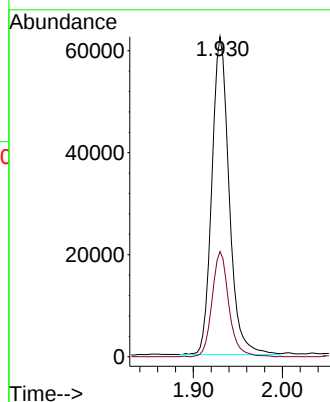
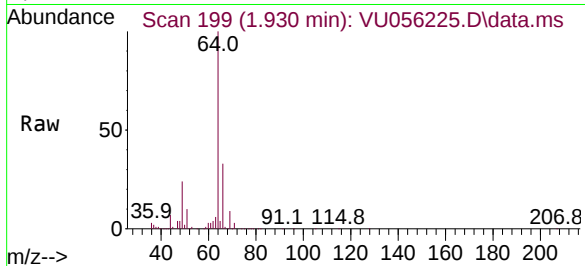




#8
Chloroethane
Concen: 4.915 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

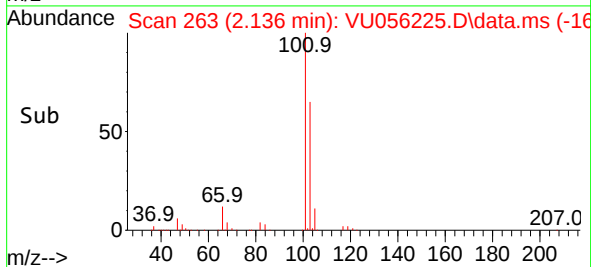
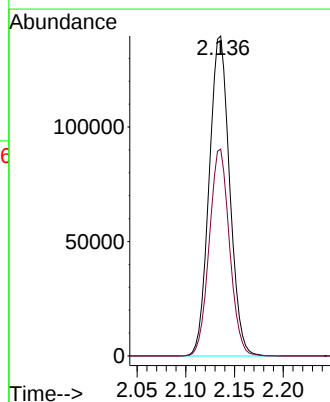
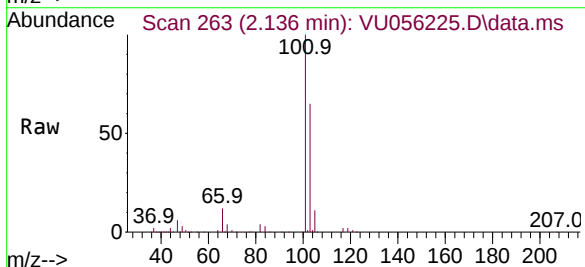
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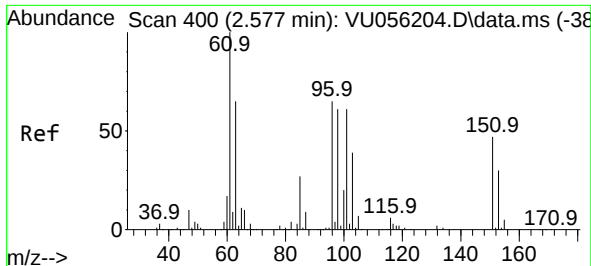
Tgt Ion: 64 Resp: 83940
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.906 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion:101 Resp: 204429
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

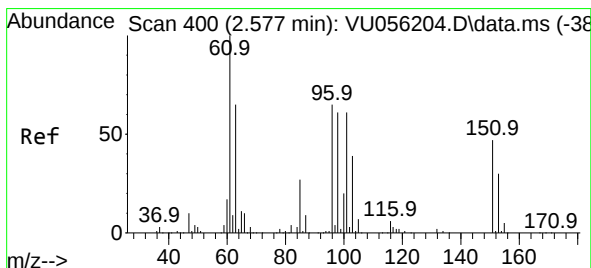
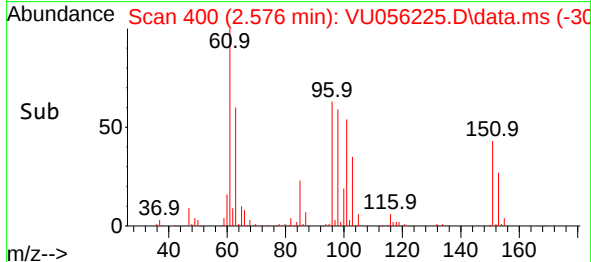
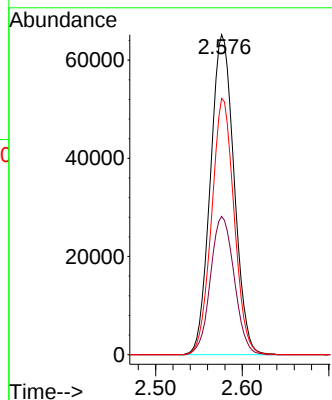
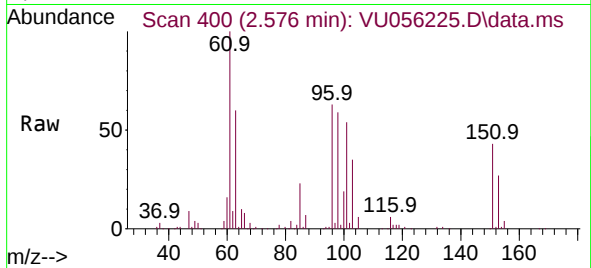




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.670 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

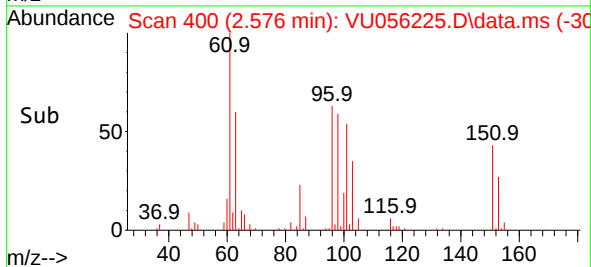
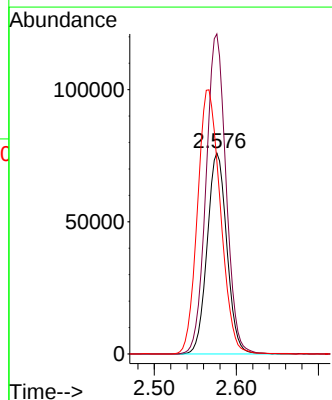
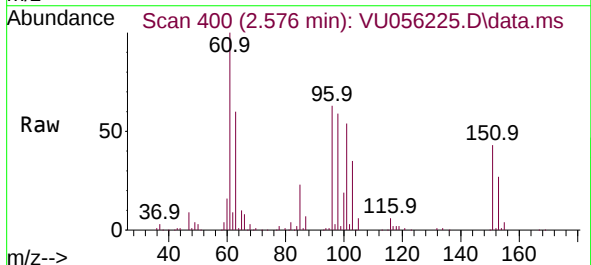
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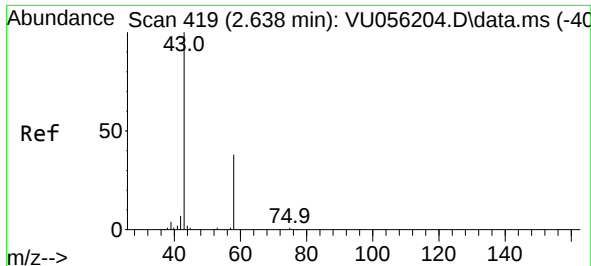
Tgt Ion:101 Resp: 123961
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.2 51.4
 151 76.3 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 5.129 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

Tgt Ion: 96 Resp: 126342
 Ion Ratio Lower Upper
 96 100
 61 159.2 111.7 207.5
 63 96.1 74.5 138.3

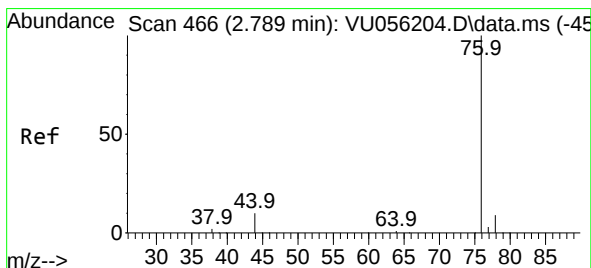
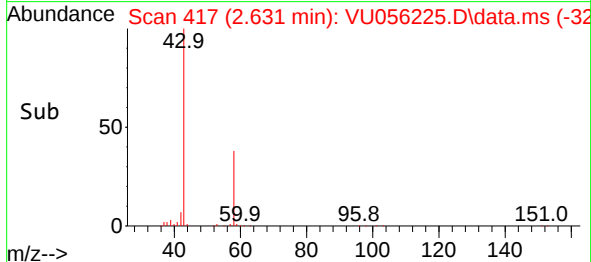
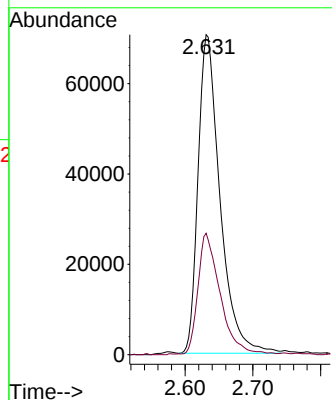
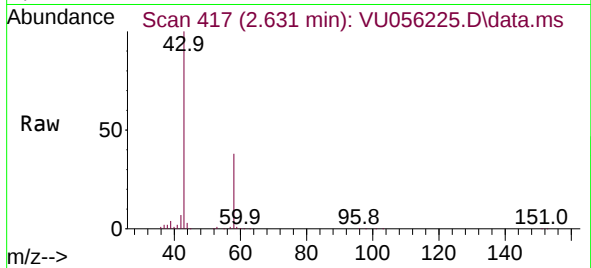




#13
Acetone
Concen: 55.164 ug/L
RT: 2.631 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

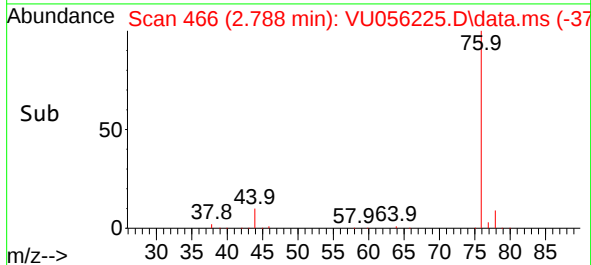
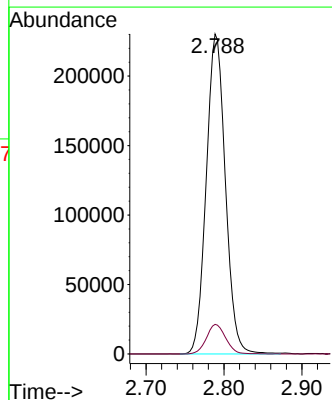
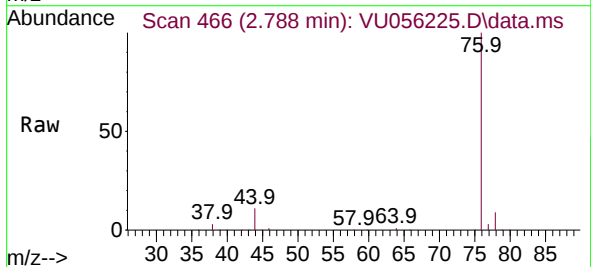
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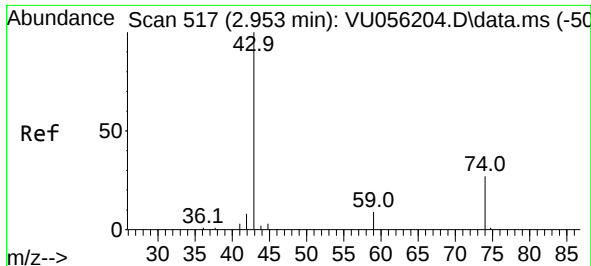
Tgt Ion: 43 Resp: 158785
Ion Ratio Lower Upper
43 100
58 37.9 0.0 74.4



#14
Carbon disulfide
Concen: 4.676 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 76 Resp: 392530
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

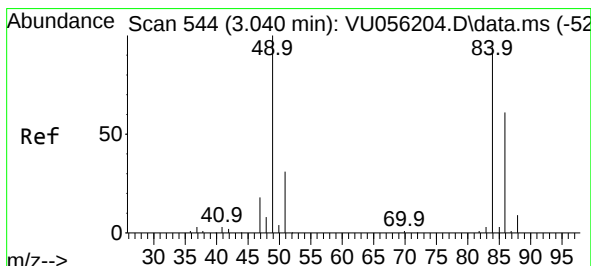
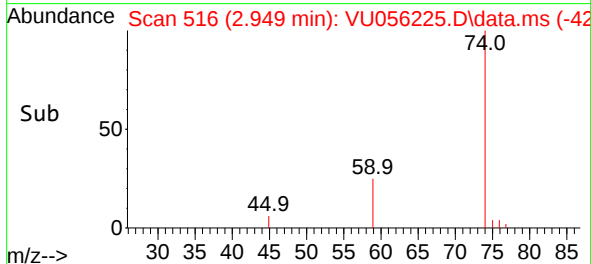
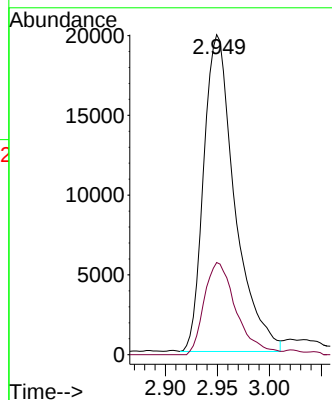
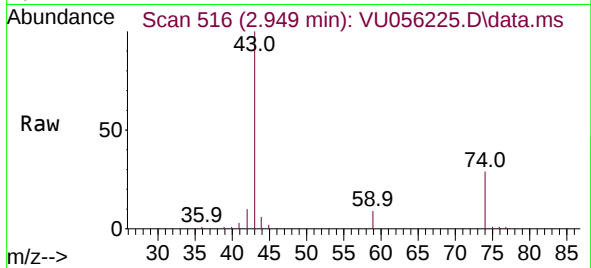




#15
Methyl Acetate
Concen: 5.084 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.004 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

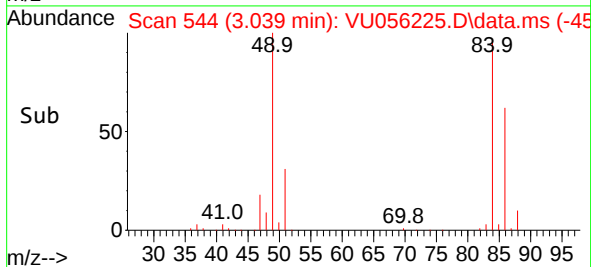
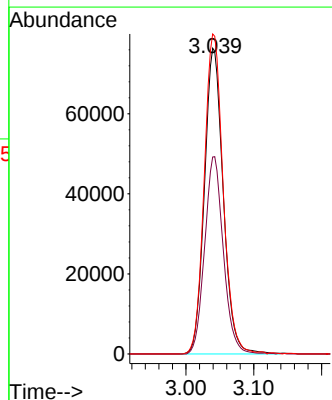
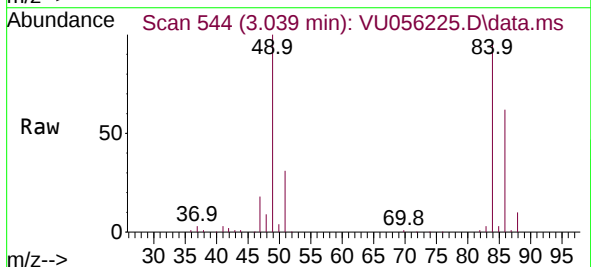
Instrument :
MSVOA_U
ClientSampleId :

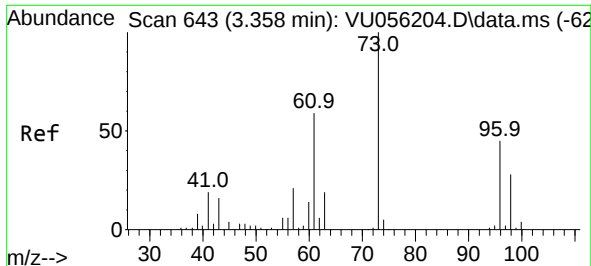
Tgt Ion: 43 Resp: 41287
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9



#16
Methylene chloride
Concen: 5.199 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 84 Resp: 146851
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.5
49 104.6 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 5.449 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.003 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

ClientSampleId :

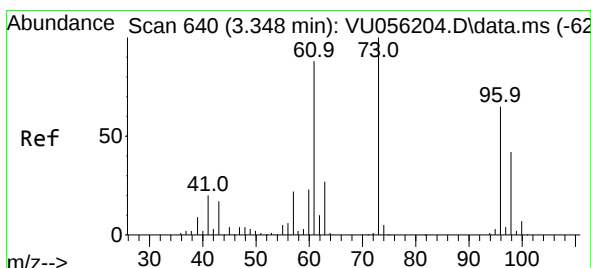
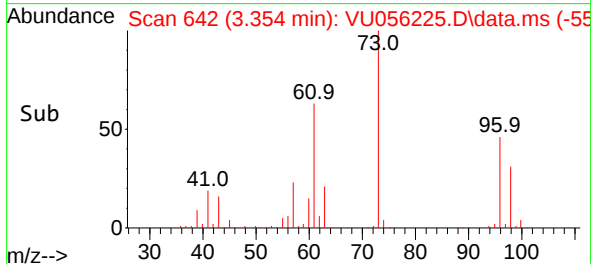
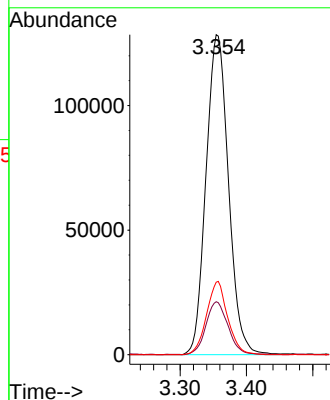
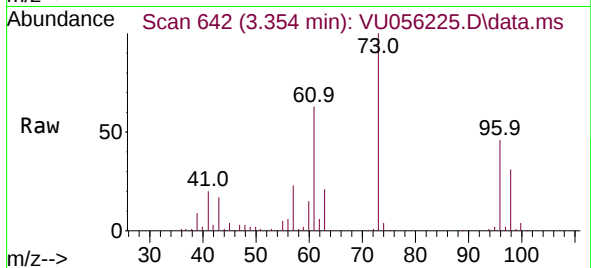
Tgt Ion: 73 Resp: 302427

Ion Ratio Lower Upper

73 100

43 16.4 13.6 20.4

57 21.5 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 5.085 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

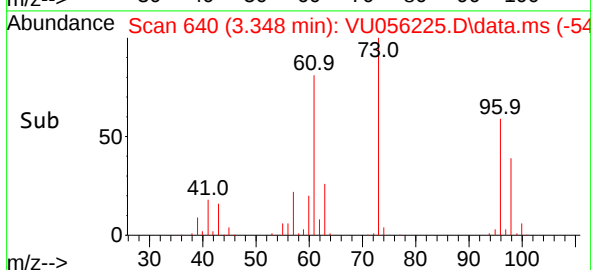
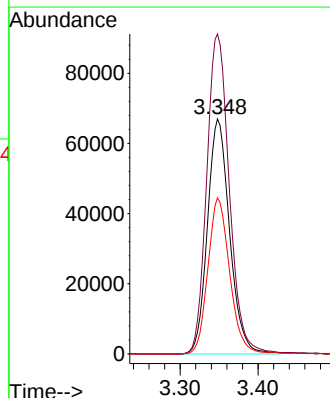
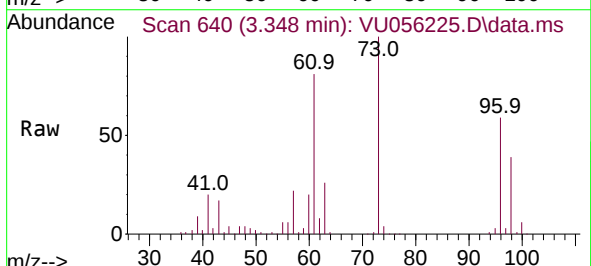
Tgt Ion: 96 Resp: 132741

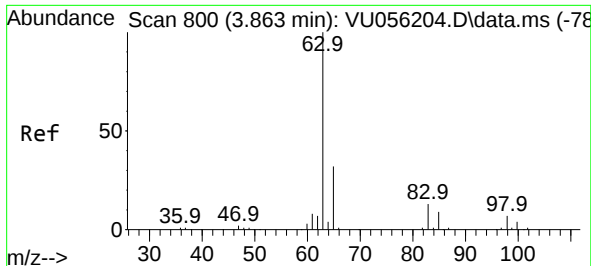
Ion Ratio Lower Upper

96 100

61 136.2 96.7 179.5

98 66.5 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.288 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

ClientSampleId :

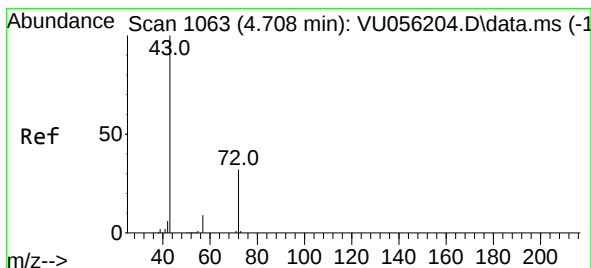
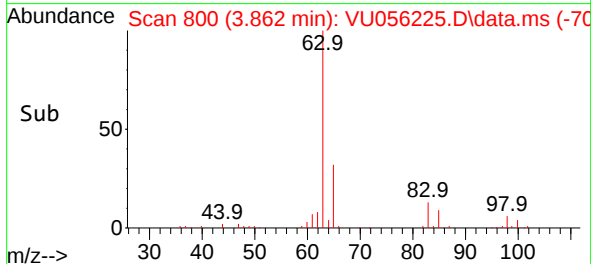
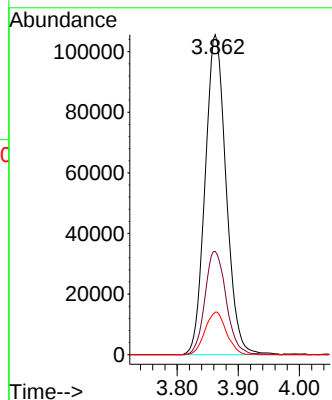
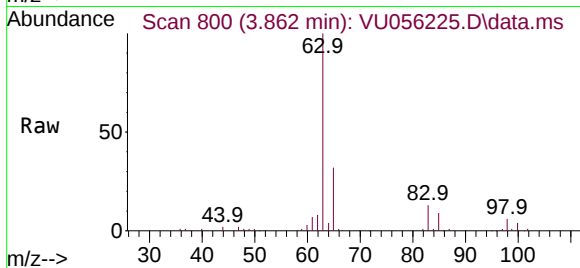
Tgt Ion: 63 Resp: 251797

Ion Ratio Lower Upper

63 100

65 32.3 20.6 38.2

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 58.402 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.007 min

Lab File: VU056225.D

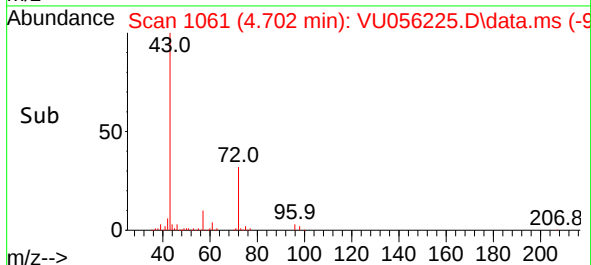
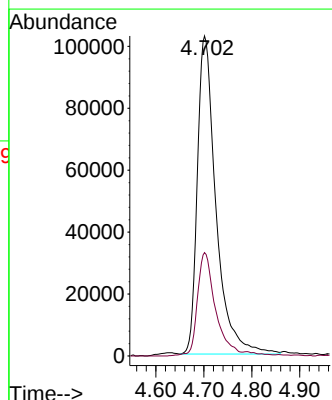
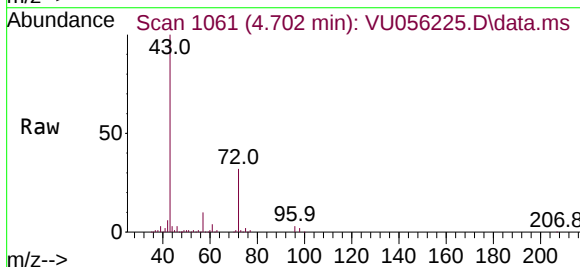
Acq: 11 Nov 2023 18:53

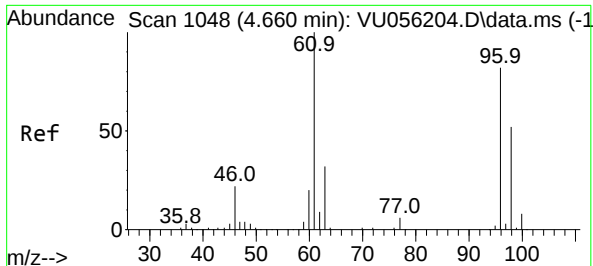
Tgt Ion: 43 Resp: 277234

Ion Ratio Lower Upper

43 100

72 31.3 15.7 47.0

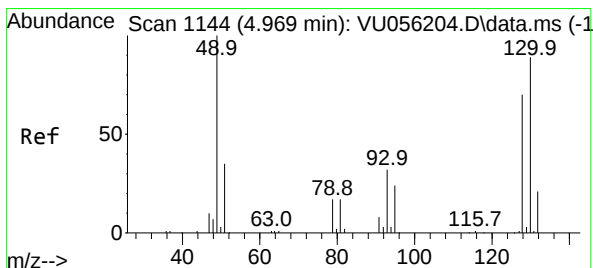
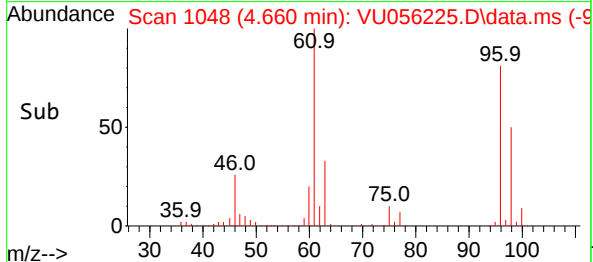
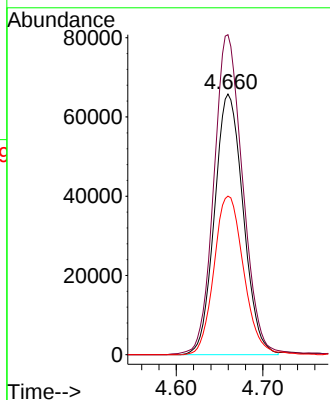
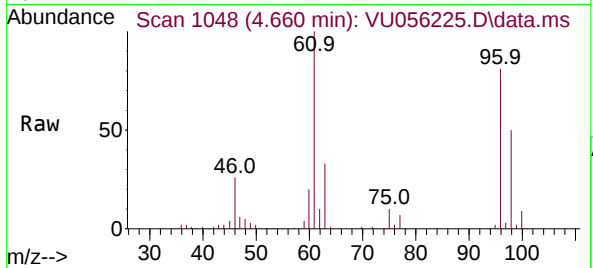




#22
 cis-1,2-Dichloroethene
 Concen: 5.378 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

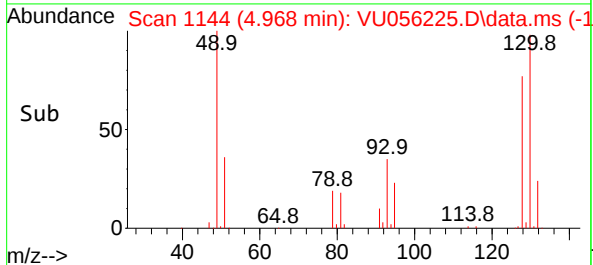
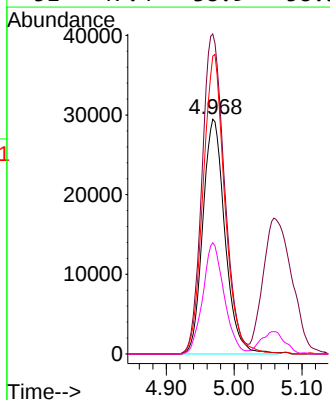
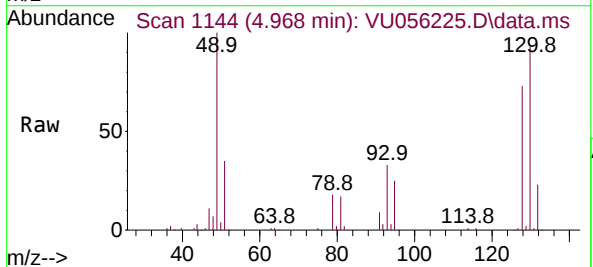
Instrument :
 MSVOA_U
 ClientSampleId :

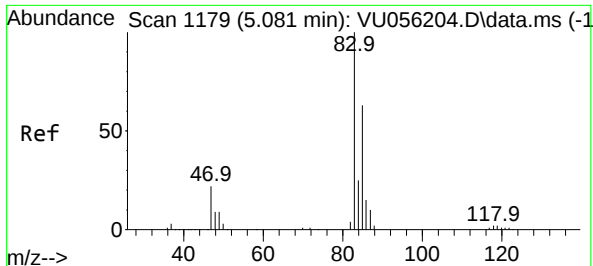
Tgt Ion: 96 Resp: 151556
 Ion Ratio Lower Upper
 96 100
 61 122.8 87.8 163.2
 98 60.8 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.324 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

Tgt Ion: 128 Resp: 66570
 Ion Ratio Lower Upper
 128 100
 49 136.4 103.7 192.7
 130 126.9 91.8 170.6
 51 47.4 38.9 58.3





#25

Chloroform

Concen: 5.114 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

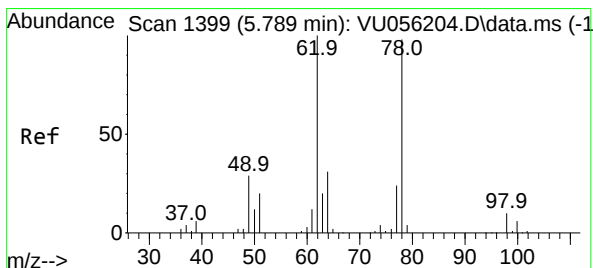
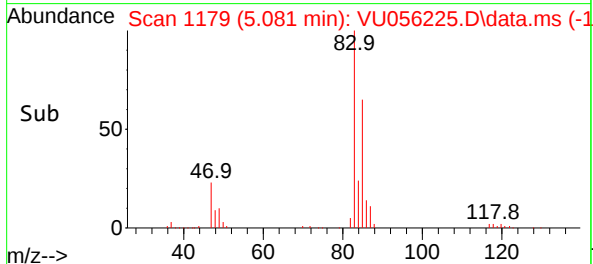
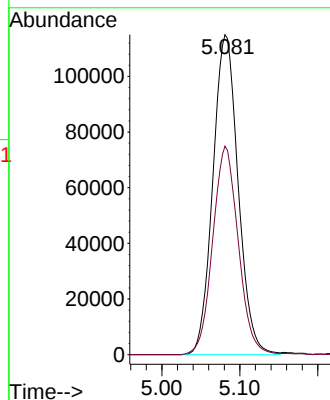
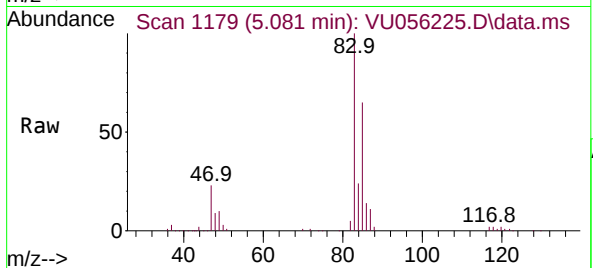
ClientSampleId :

Tgt Ion: 83 Resp: 259487

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.121 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056225.D

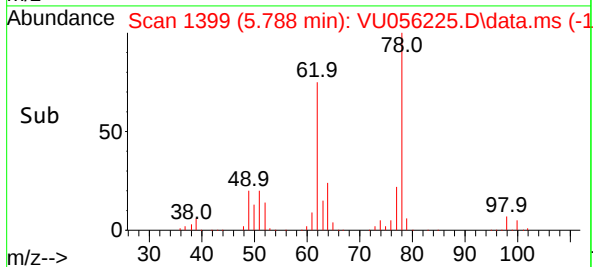
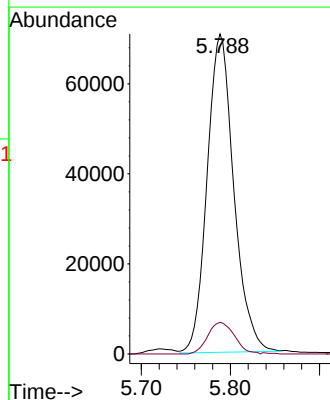
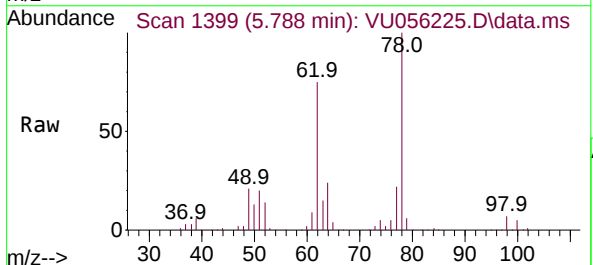
Acq: 11 Nov 2023 18:53

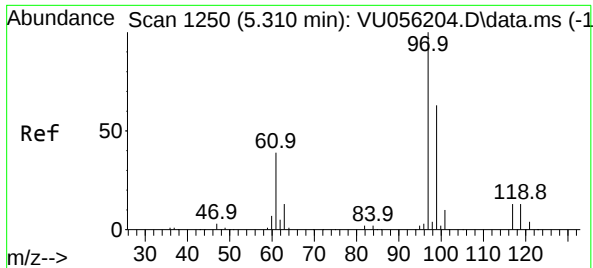
Tgt Ion: 62 Resp: 147057

Ion Ratio Lower Upper

62 100

98 9.9 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.205 ug/L

RT: 5.309 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

ClientSampleId :

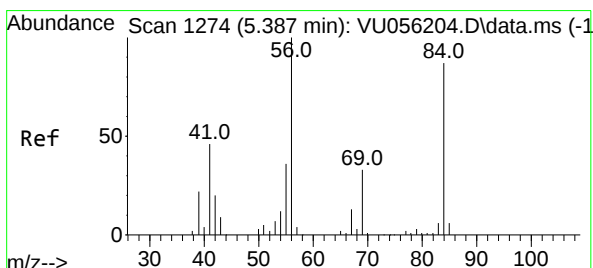
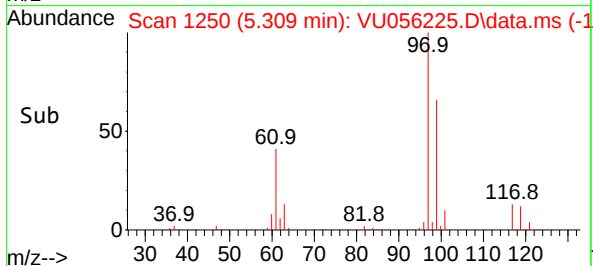
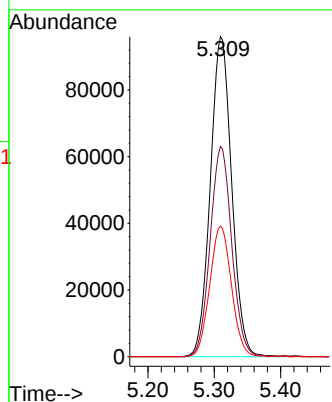
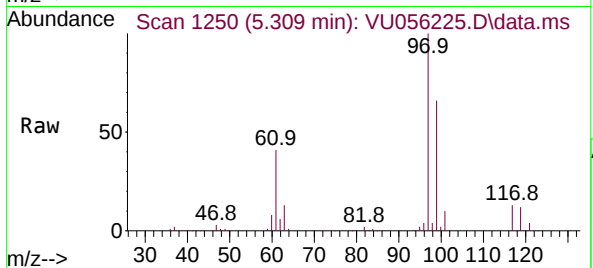
Tgt Ion: 97 Resp: 215429

Ion Ratio Lower Upper

97 100

99 66.3 52.0 78.0

61 41.3 33.4 50.0



#30

Cyclohexane

Concen: 4.771 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.004 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

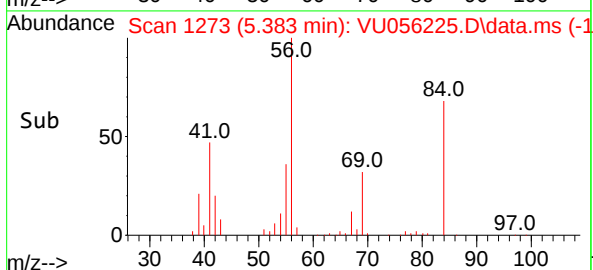
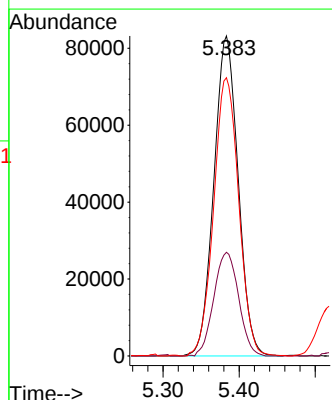
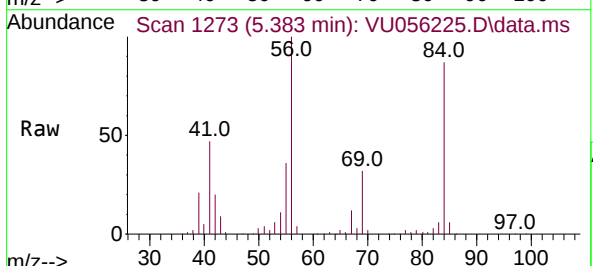
Tgt Ion: 56 Resp: 184511

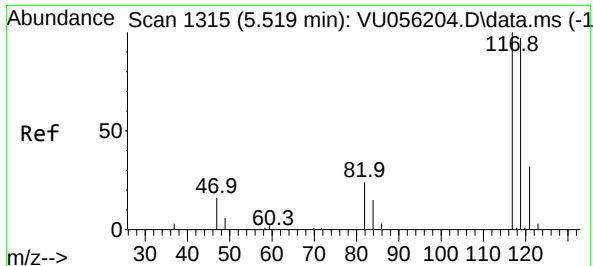
Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

84 89.9 70.4 105.6

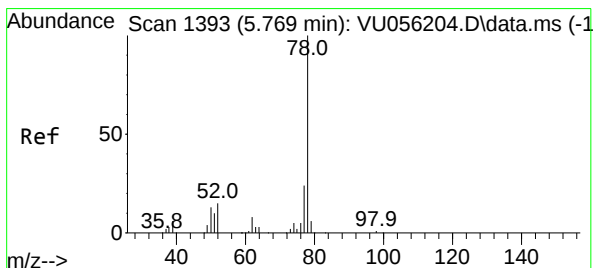
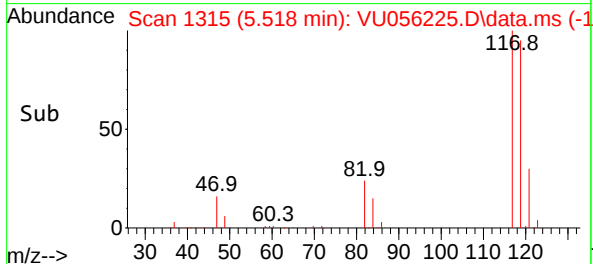
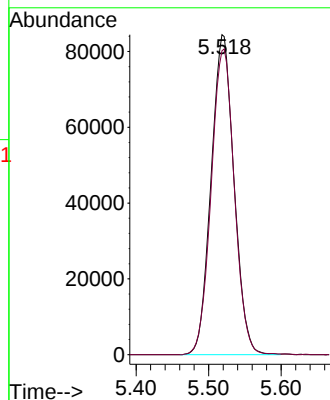
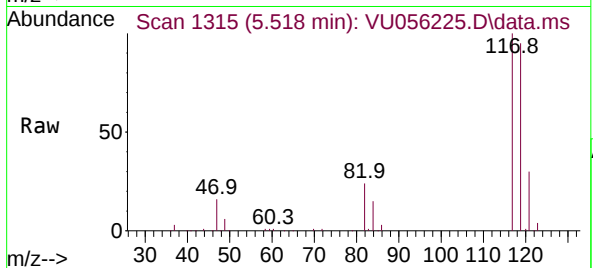




#31
Carbon tetrachloride
Concen: 5.037 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

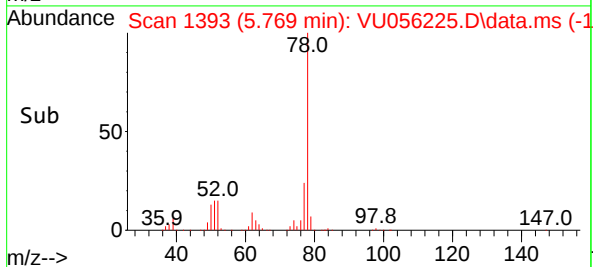
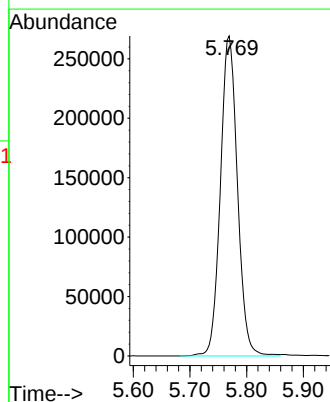
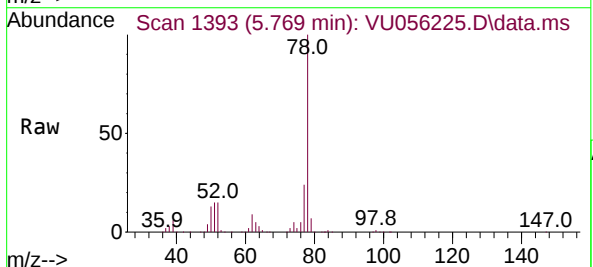
Instrument :
MSVOA_U
ClientSampleId :

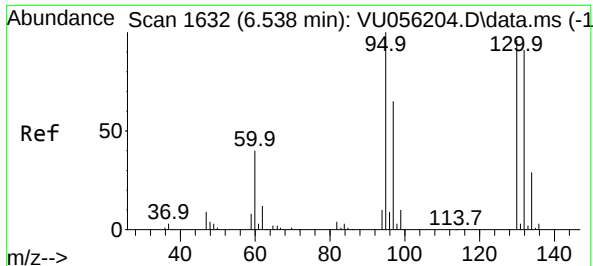
Tgt Ion:117 Resp: 185129
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 5.434 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 78 Resp: 562140

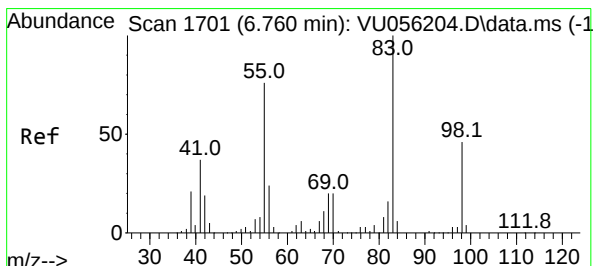
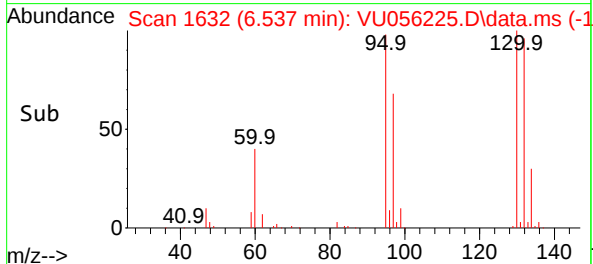
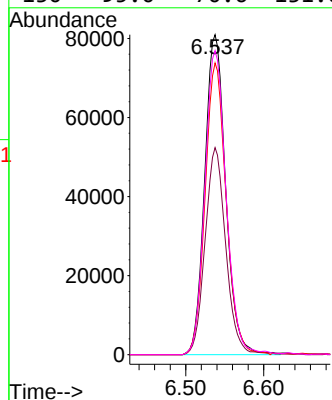
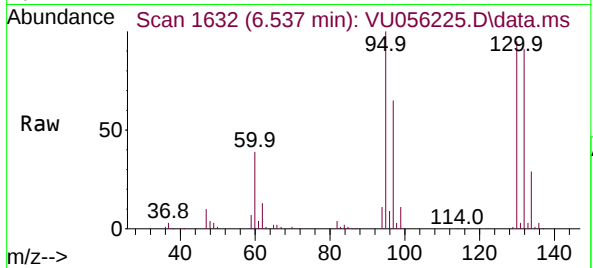




#34
Trichloroethene
Concen: 5.366 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

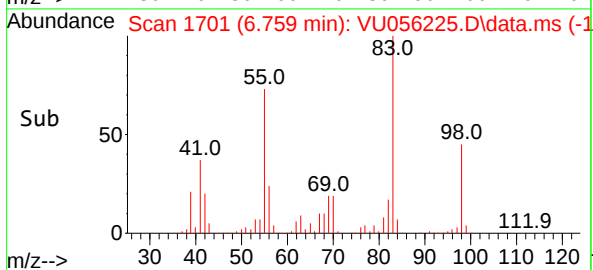
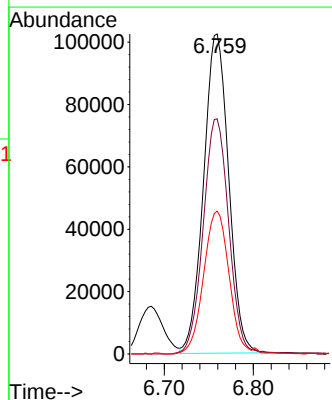
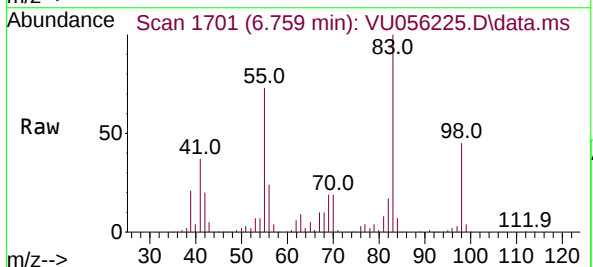
Instrument :
MSVOA_U
ClientSampleId :

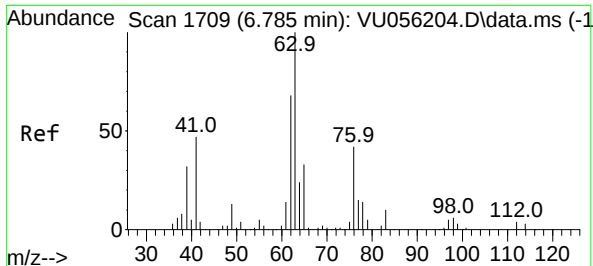
Tgt Ion: 95 Resp: 151629
Ion Ratio Lower Upper
95 100
97 64.7 46.8 87.0
132 91.2 66.5 123.5
130 95.0 70.6 131.0



#35
Methylcyclohexane
Concen: 4.765 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 83 Resp: 200144
Ion Ratio Lower Upper
83 100
55 74.9 60.6 91.0
98 45.2 36.2 54.4

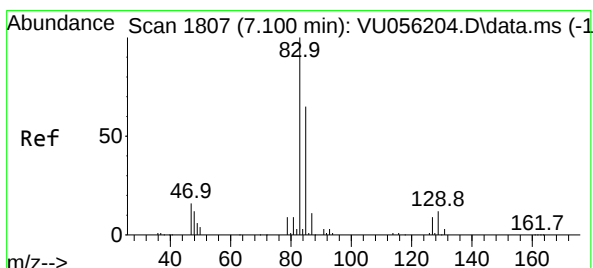
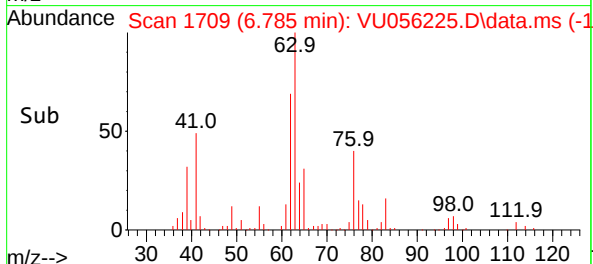
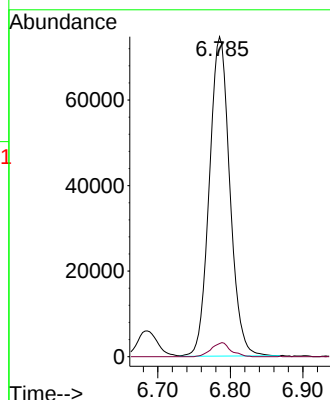
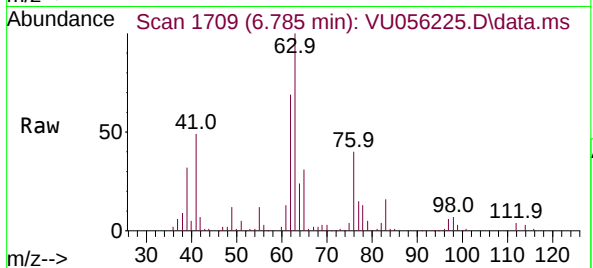




#37
1,2-Dichloropropane
Concen: 5.449 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

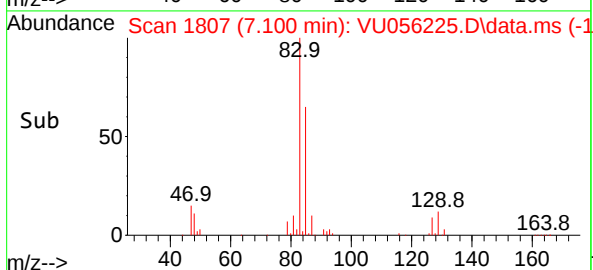
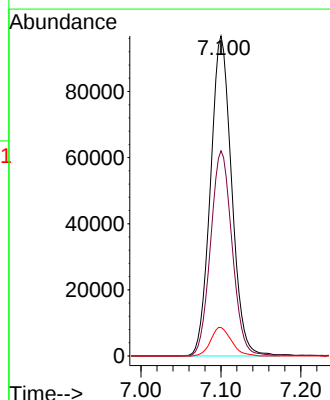
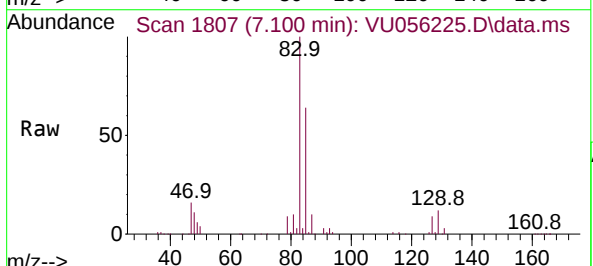
Instrument :
MSVOA_U
ClientSampleId :

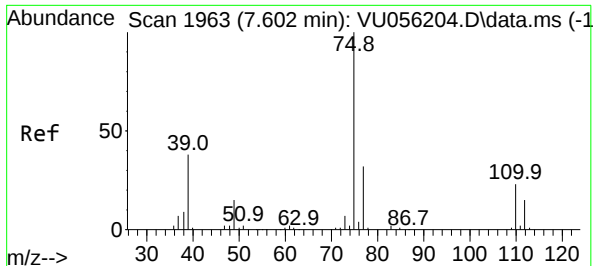
Tgt Ion: 63 Resp: 146606
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2



#38
Bromodichloromethane
Concen: 5.299 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 83 Resp: 178021
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6
127 8.9 7.3 10.9

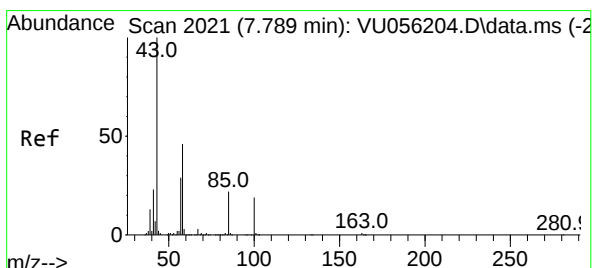
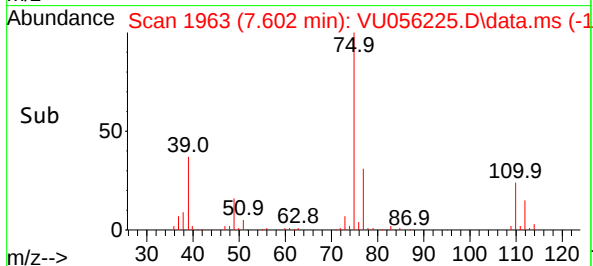
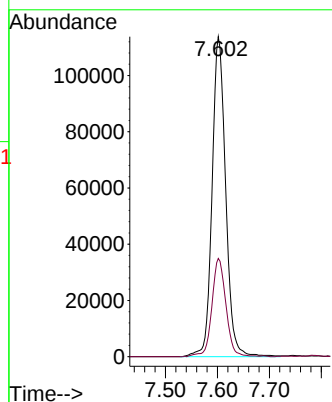
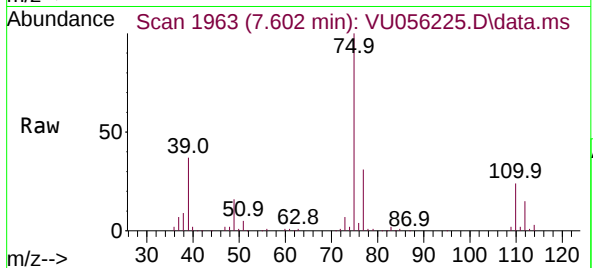




#39
 cis-1,3-Dichloropropene
 Concen: 5.453 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

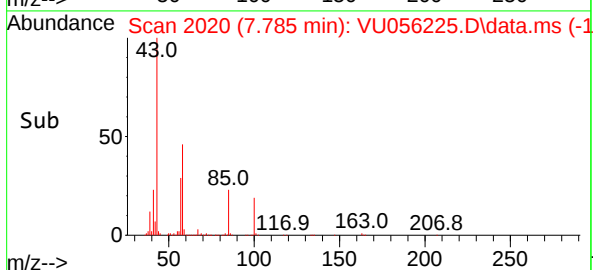
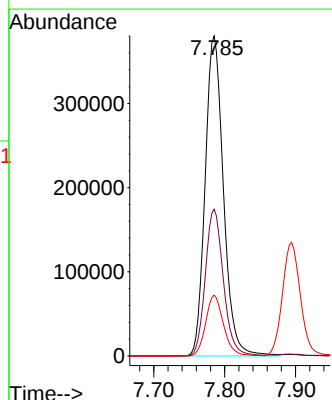
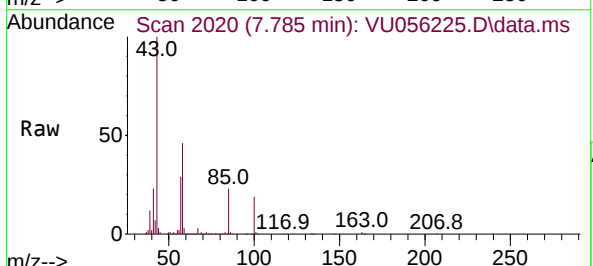
Instrument :
 MSVOA_U
 ClientSampleId :

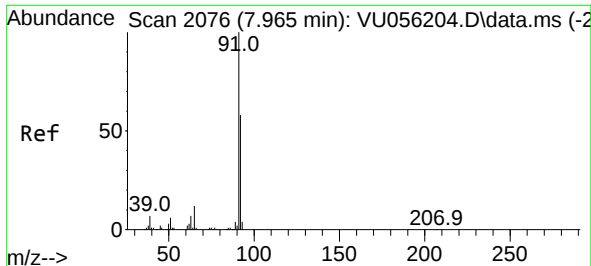
Tgt Ion: 75 Resp: 207066
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 57.994 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.004 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

Tgt Ion: 43 Resp: 682458
 Ion Ratio Lower Upper
 43 100
 58 45.2 36.0 54.0
 100 18.5 14.2 21.4





#42

Toluene

Concen: 5.423 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

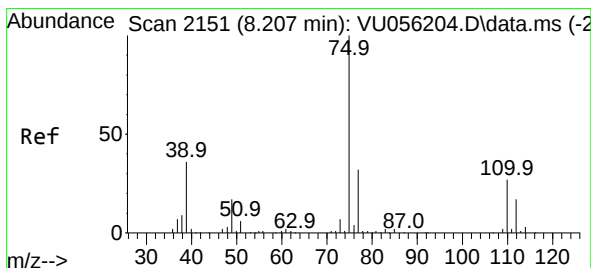
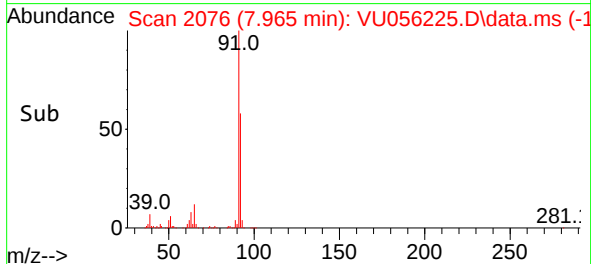
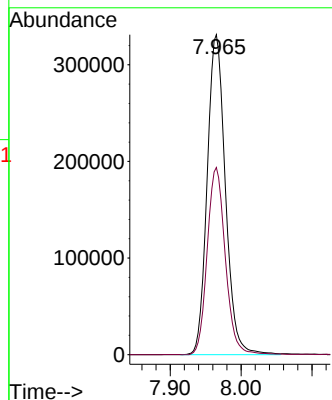
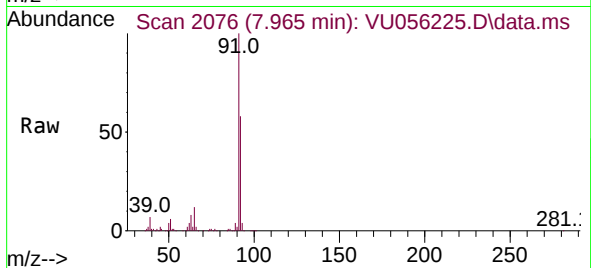
ClientSampleId :

Tgt Ion: 91 Resp: 591456

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.480 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056225.D

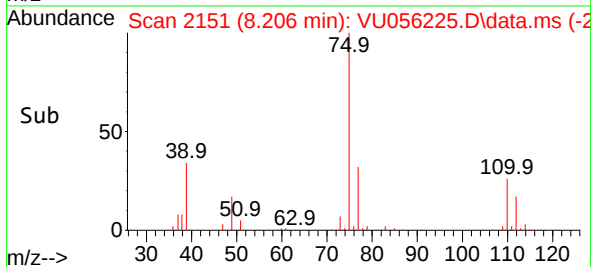
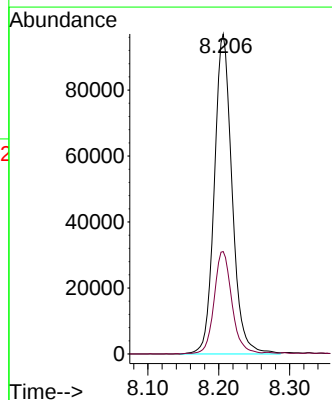
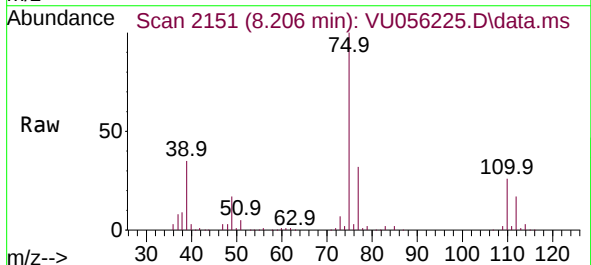
Acq: 11 Nov 2023 18:53

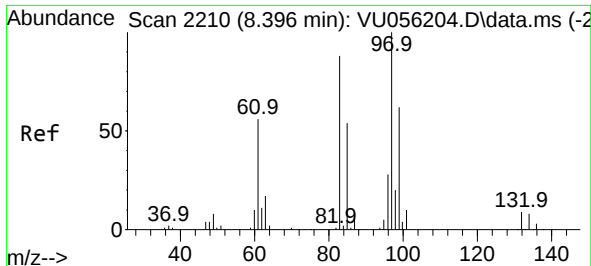
Tgt Ion: 75 Resp: 168487

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

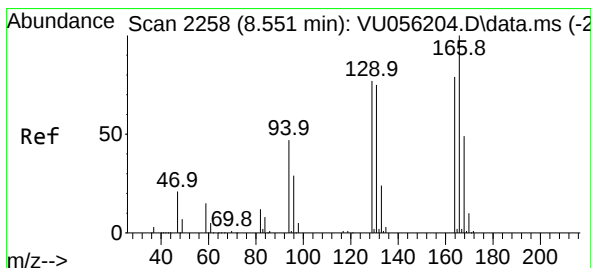
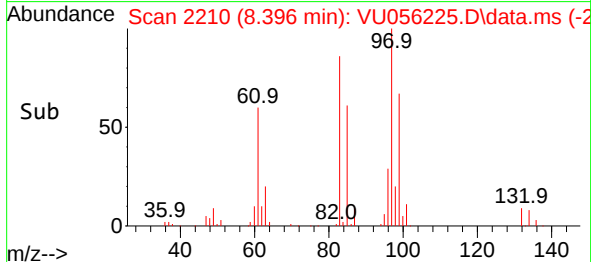
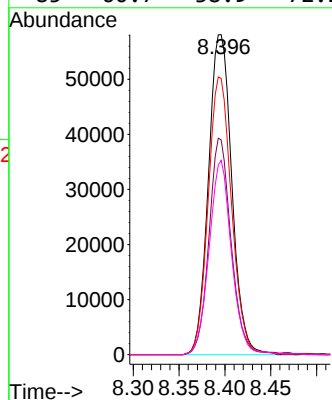
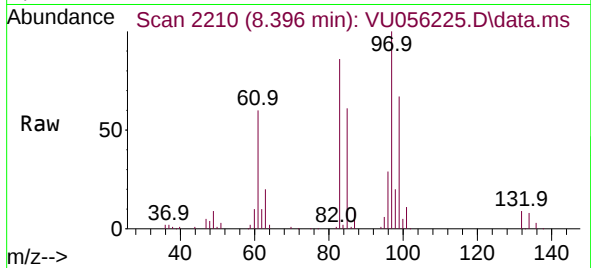




#45
1,1,2-Trichloroethane
Concen: 5.616 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

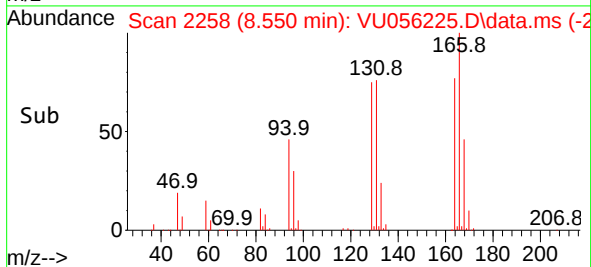
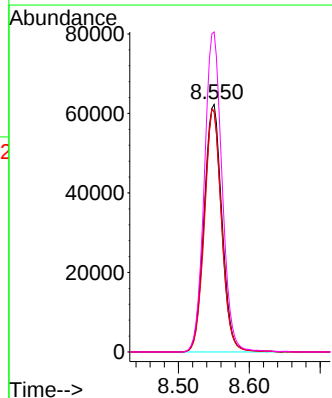
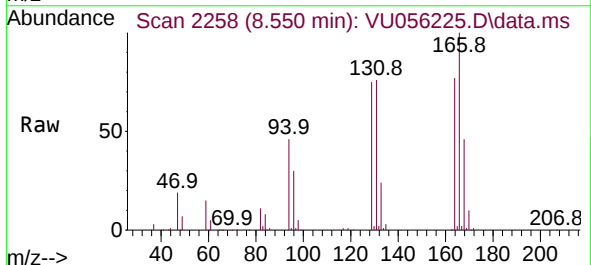
Instrument :
MSVOA_U
ClientSampleId :

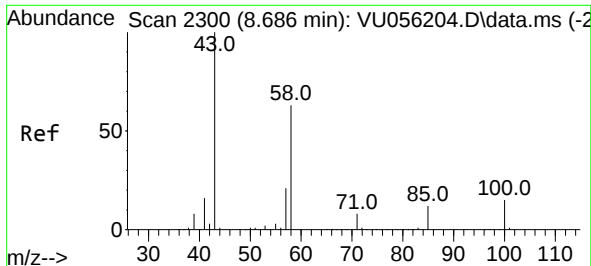
Tgt Ion:	97	Resp:	103292
Ion	Ratio	Lower	Upper
97	100		
99	67.2	44.7	82.9
83	86.4	59.4	110.2
85	60.7	38.9	72.2



#47
Tetrachloroethene
Concen: 5.093 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

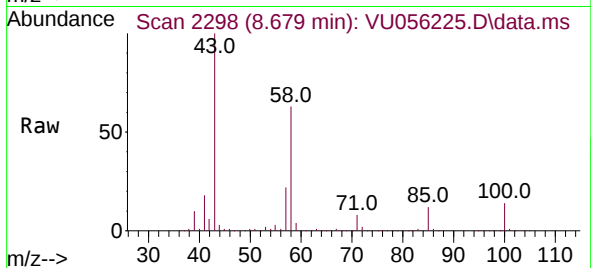
Tgt Ion:	164	Resp:	108019
Ion	Ratio	Lower	Upper
164	100		
129	96.8	66.6	123.8
131	97.7	67.8	126.0
166	129.3	85.9	159.5



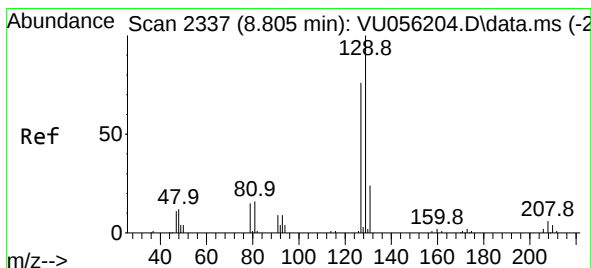
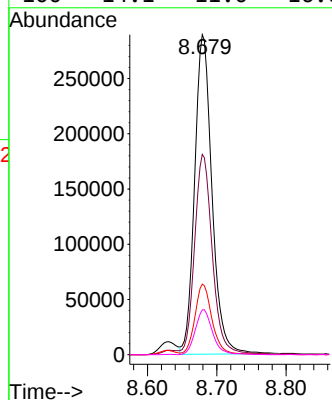
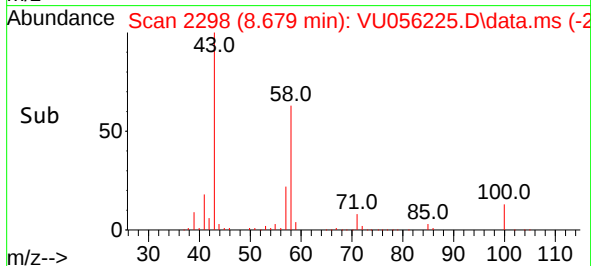


#48
2-Hexanone
Concen: 58.899 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Instrument :
MSVOA_U
ClientSampleId :

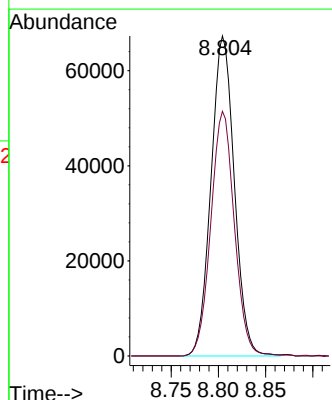
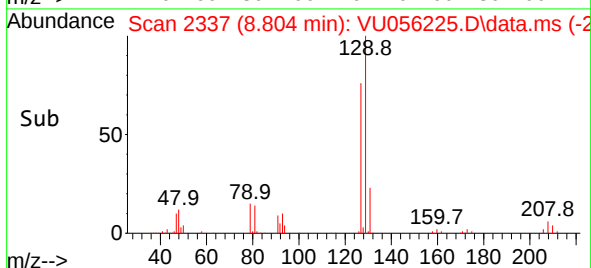
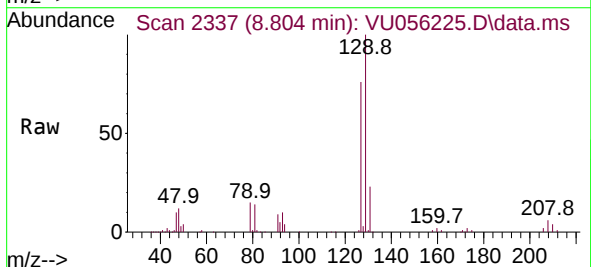


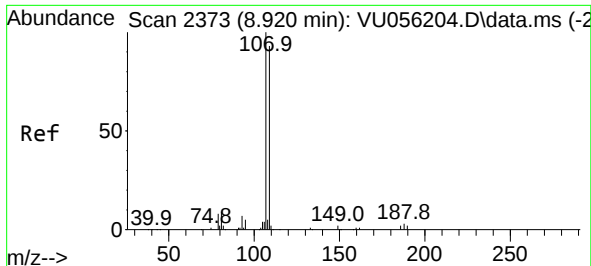
Tgt Ion: 43 Resp: 504647
Ion Ratio Lower Upper
43 100
58 63.1 52.0 78.0
57 21.7 17.4 26.2
100 14.1 11.0 16.6



#49
Dibromochloromethane
Concen: 5.476 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 129 Resp: 115556
Ion Ratio Lower Upper
129 100
127 76.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.600 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

ClientSampleId :

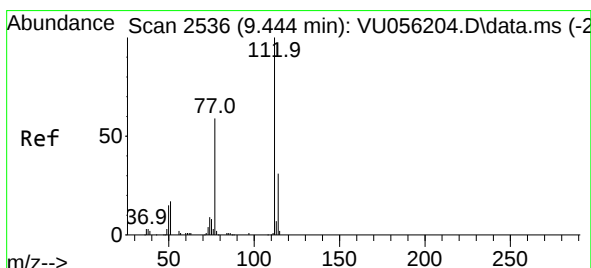
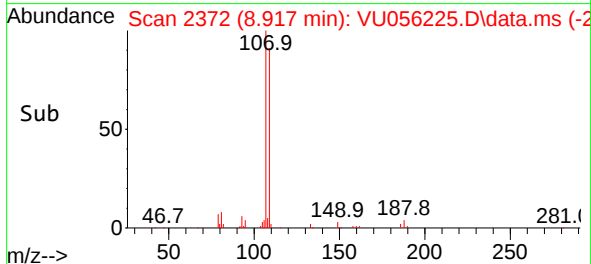
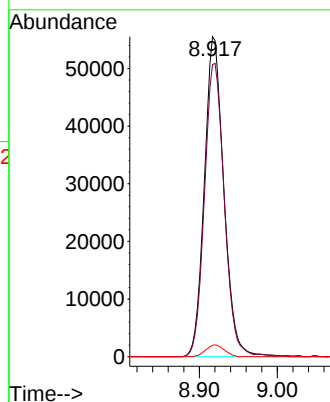
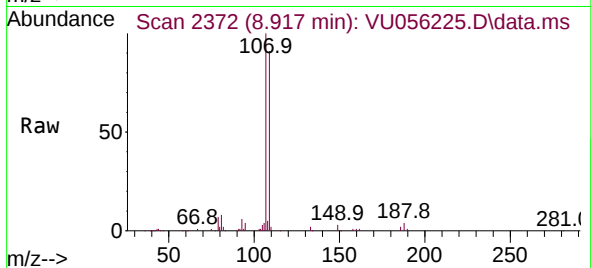
Tgt Ion:107 Resp: 96240

Ion Ratio Lower Upper

107 100

109 91.3 66.9 124.3

188 3.6 2.5 3.7



#51

Chlorobenzene

Concen: 5.304 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.004 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

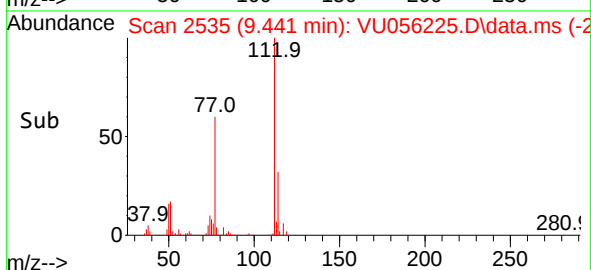
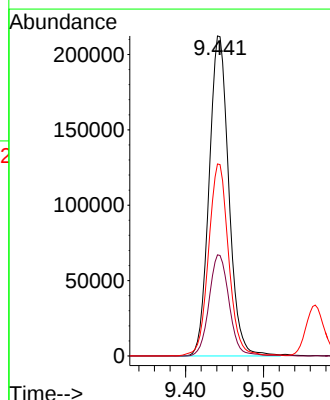
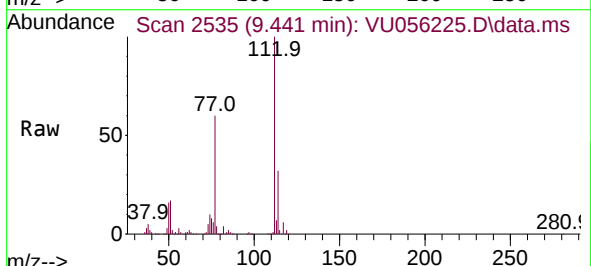
Tgt Ion:112 Resp: 373230

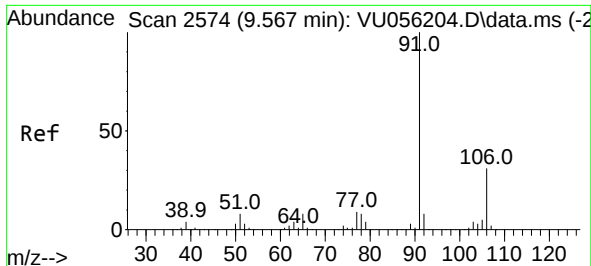
Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.4

77 60.0 48.2 72.4





#52

Ethylbenzene

Concen: 5.268 ug/L

RT: 9.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

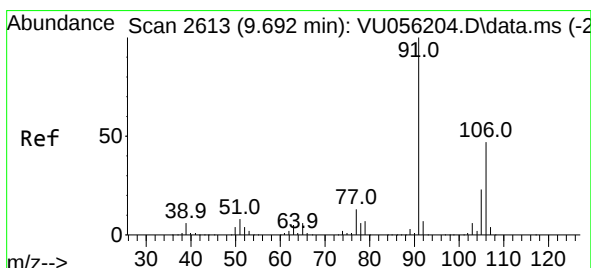
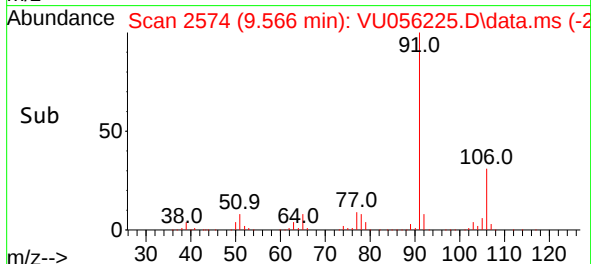
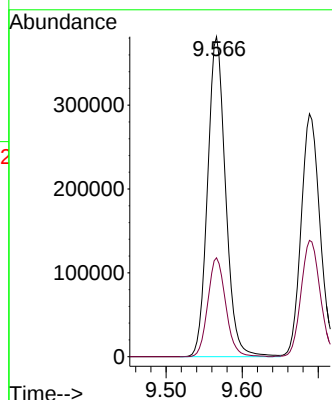
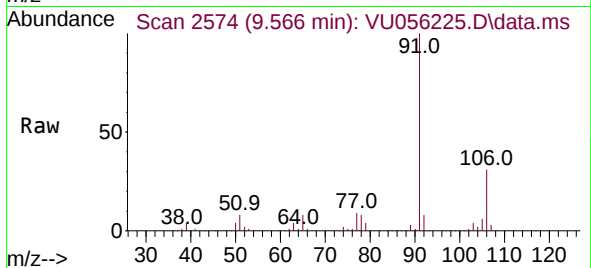
ClientSampleId :

Tgt Ion: 91 Resp: 626152

Ion Ratio Lower Upper

91 100

106 30.9 21.2 39.4



#53

m,p-Xylene

Concen: 5.478 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU056225.D

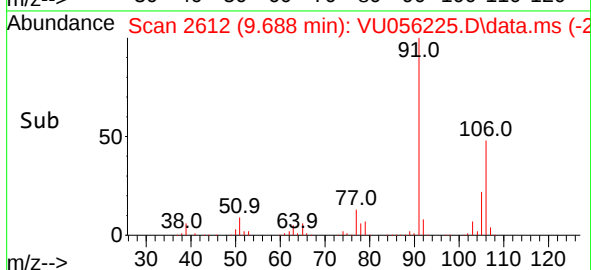
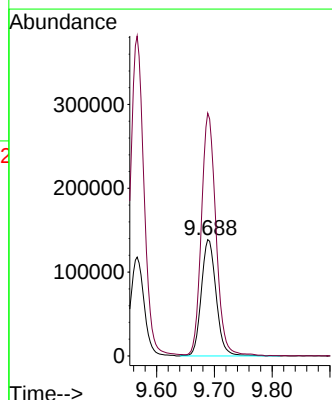
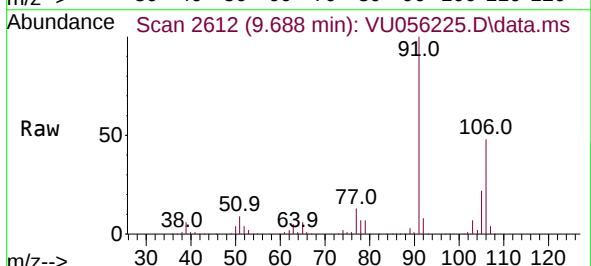
Acq: 11 Nov 2023 18:53

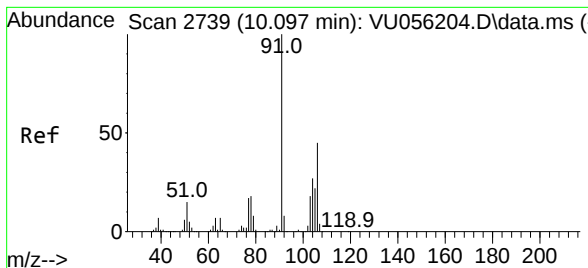
Tgt Ion:106 Resp: 247627

Ion Ratio Lower Upper

106 100

91 208.8 144.9 269.1





#54

o-Xylene

Concen: 5.376 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

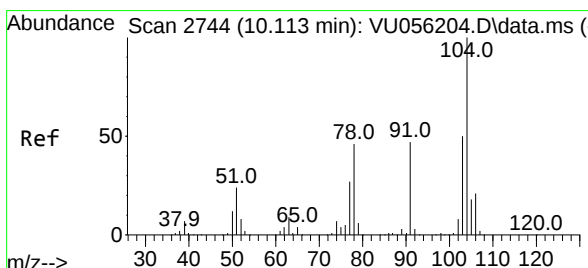
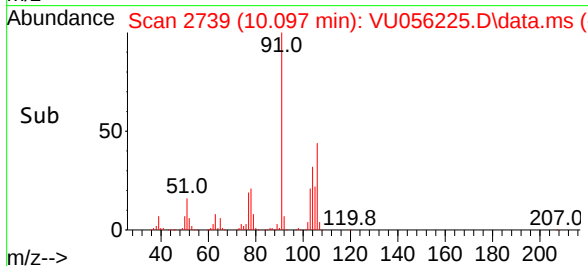
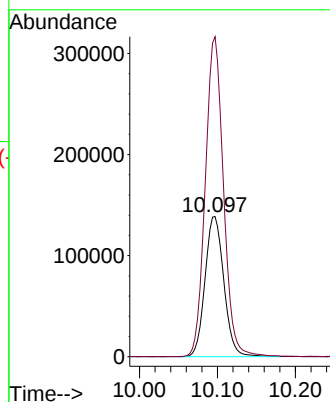
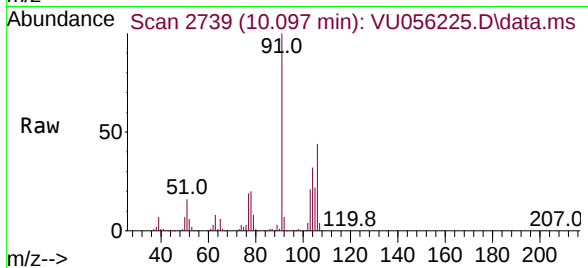
ClientSampleId :

Tgt Ion:106 Resp: 232965

Ion Ratio Lower Upper

106 100

91 228.2 158.2 293.8



#55

Styrene

Concen: 5.766 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.004 min

Lab File: VU056225.D

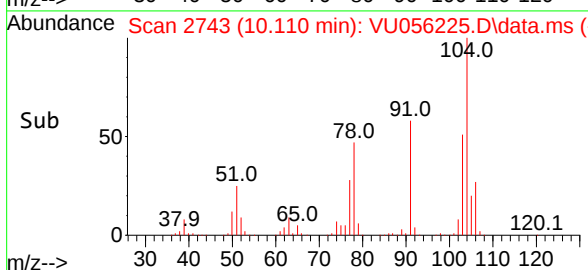
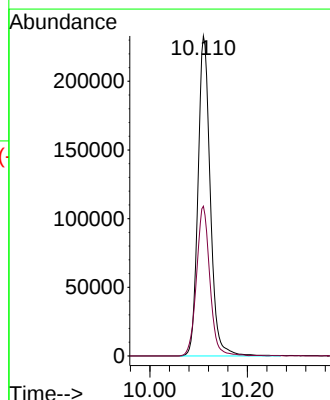
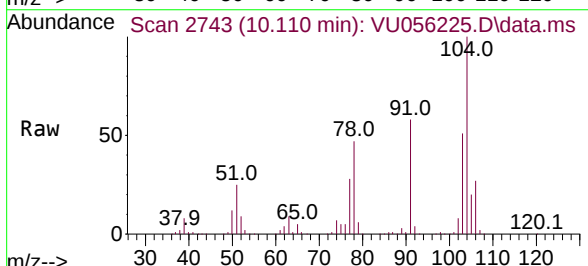
Acq: 11 Nov 2023 18:53

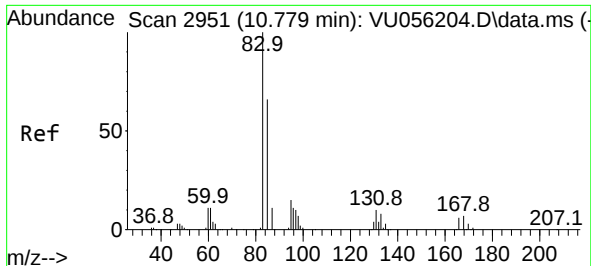
Tgt Ion:104 Resp: 408719

Ion Ratio Lower Upper

104 100

78 46.8 33.5 62.3

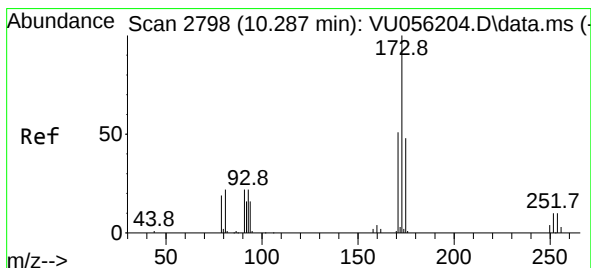
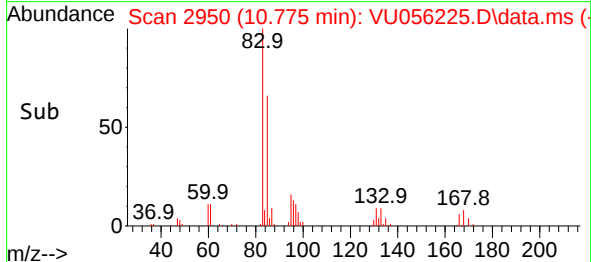
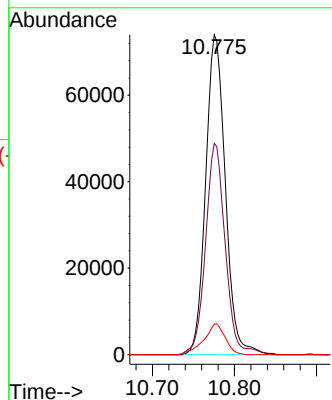
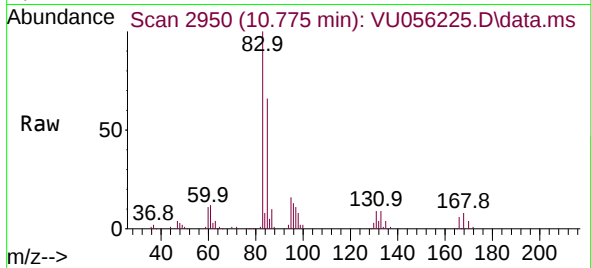




#57
1,1,2,2-Tetrachloroethane
Concen: 5.701 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.004 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

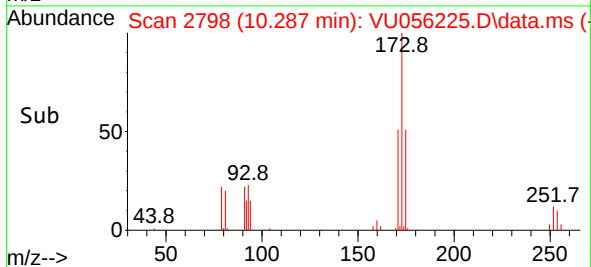
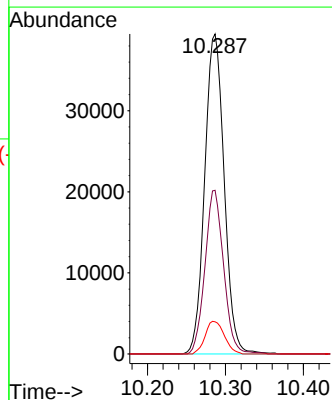
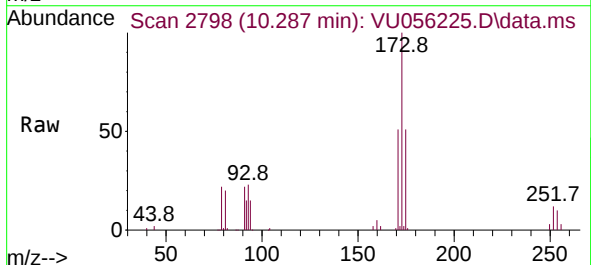
Instrument :
MSVOA_U
ClientSampleId :

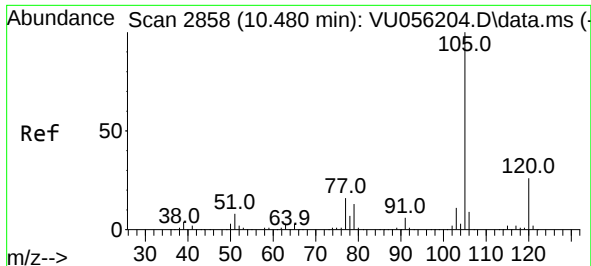
Tgt Ion: 83 Resp: 123210
Ion Ratio Lower Upper
83 100
85 66.1 44.0 81.8
131 9.5 7.4 11.2



#59
Bromoform
Concen: 5.332 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion:173 Resp: 68440
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 10.1 8.2 12.2

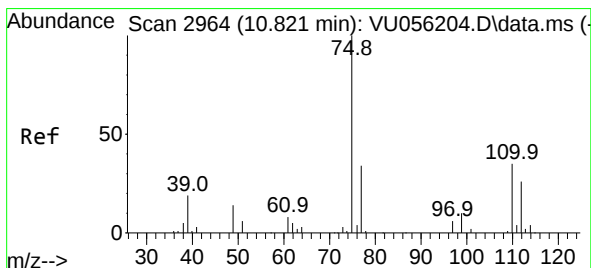
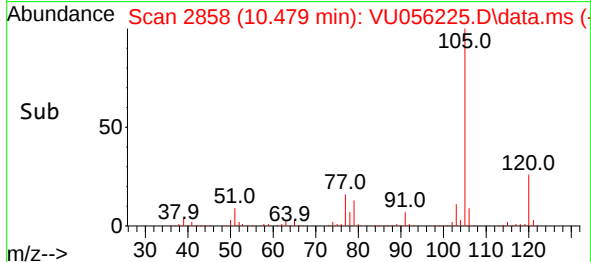
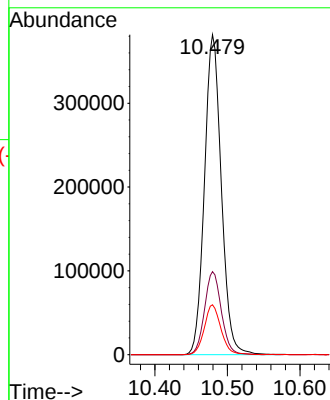
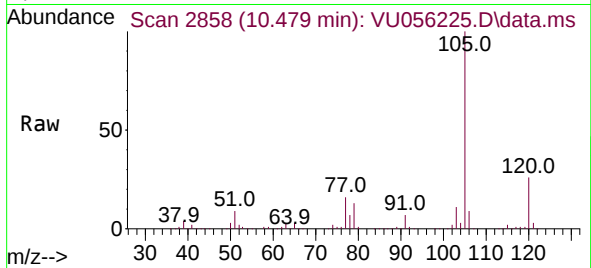




#60
Isopropylbenzene
Concen: 5.149 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

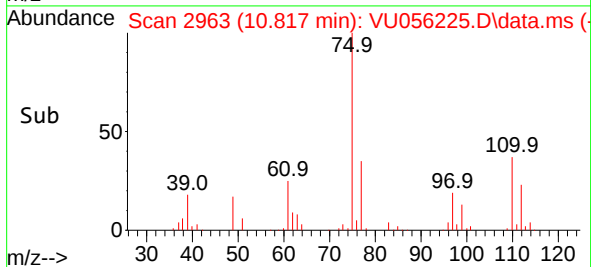
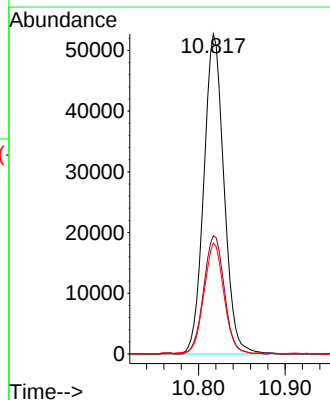
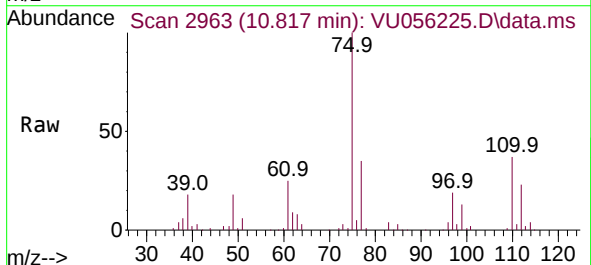
Instrument :
MSVOA_U
ClientSampleId :

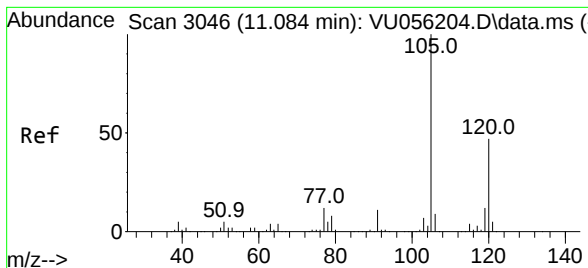
Tgt Ion:105 Resp: 616965
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.346 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.004 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion: 75 Resp: 85289
Ion Ratio Lower Upper
75 100
110 37.7 29.7 44.5
77 33.9 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.144 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

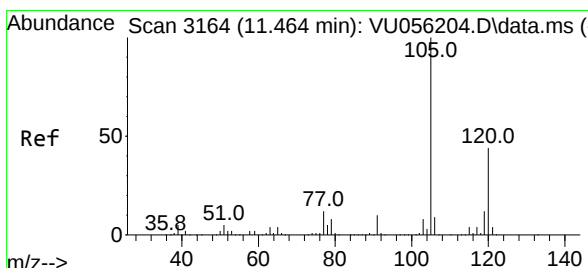
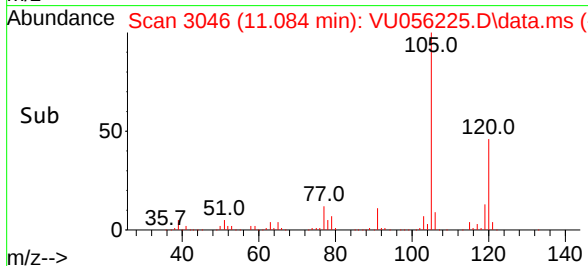
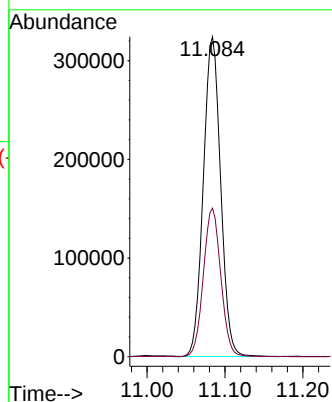
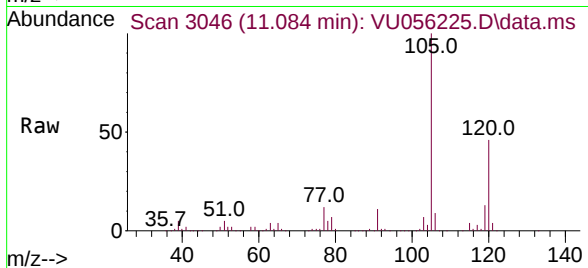
ClientSampleId :

Tgt Ion:105 Resp: 499891

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.348 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056225.D

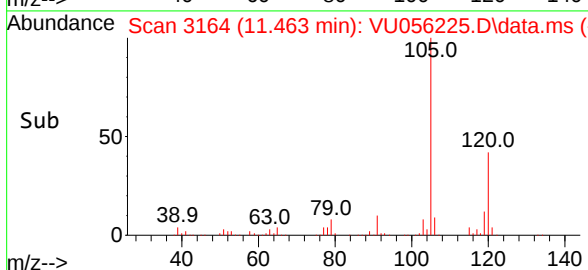
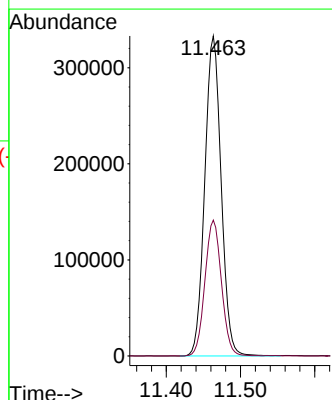
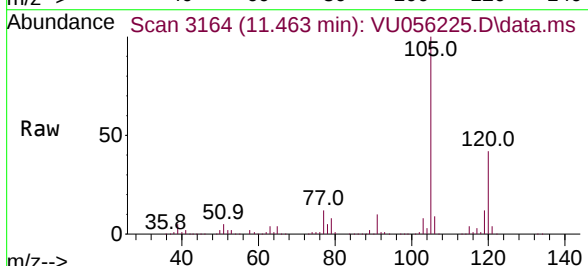
Acq: 11 Nov 2023 18:53

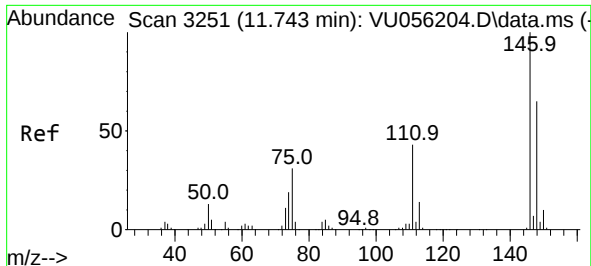
Tgt Ion:105 Resp: 509803

Ion Ratio Lower Upper

105 100

120 42.7 35.4 53.0

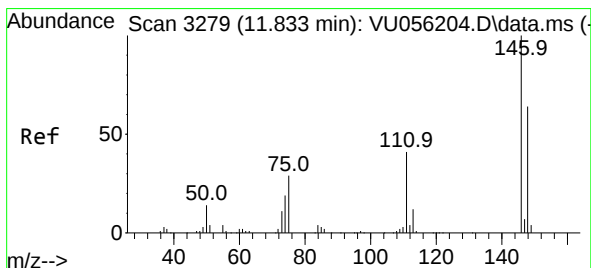
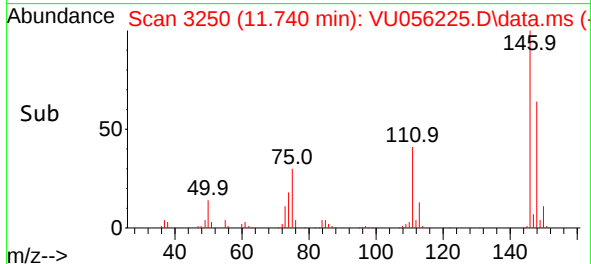
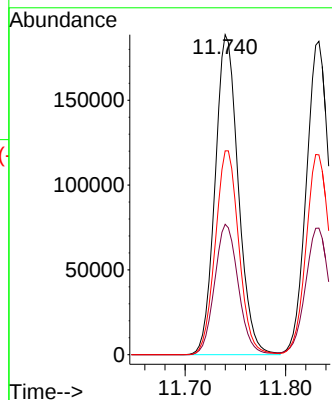
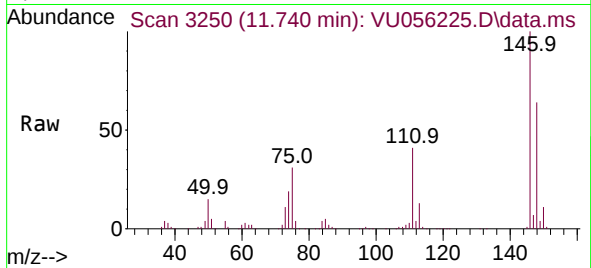




#64
1,3-Dichlorobenzene
Concen: 5.335 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

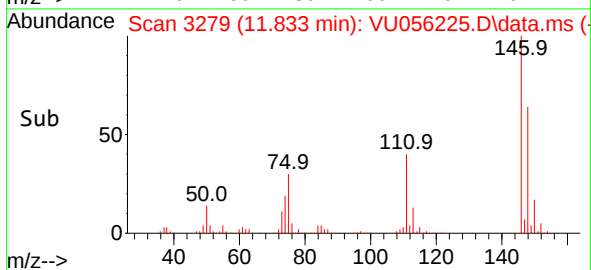
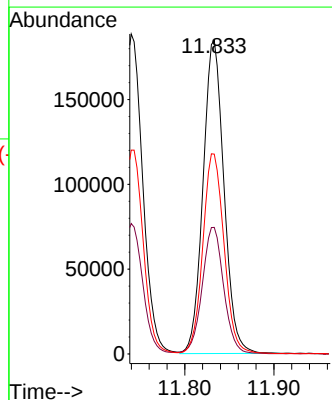
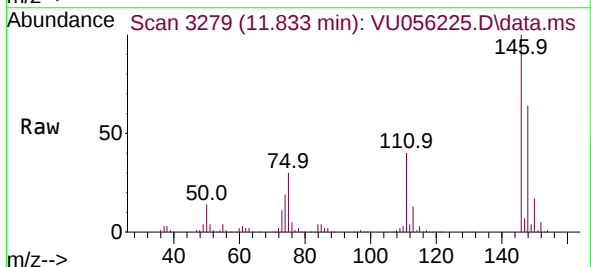
Instrument :
MSVOA_U
ClientSampleId :

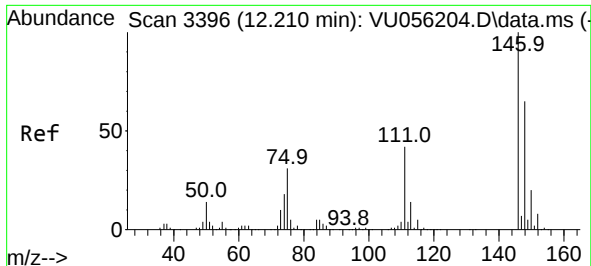
Tgt Ion:146 Resp: 302762
Ion Ratio Lower Upper
146 100
111 40.8 29.7 55.1
148 63.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.356 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion:146 Resp: 300541
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.8
148 63.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.313 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

Instrument :

MSVOA_U

ClientSampleId :

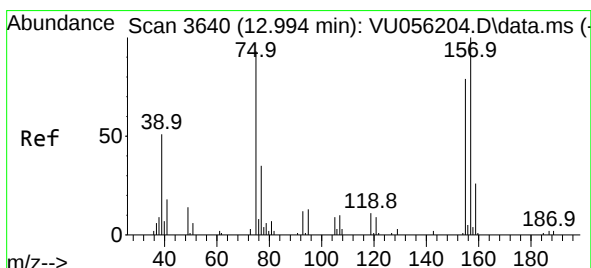
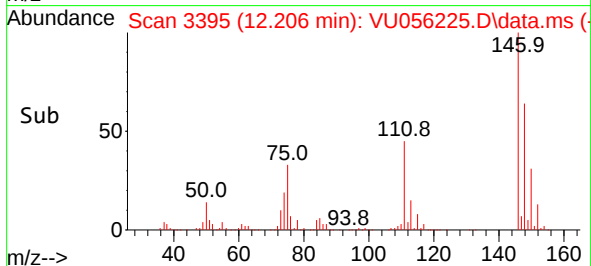
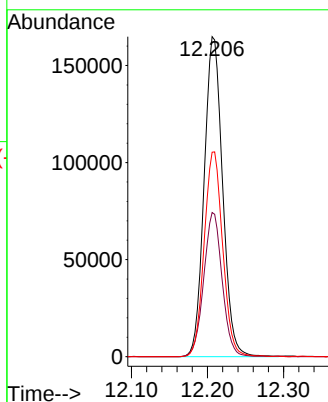
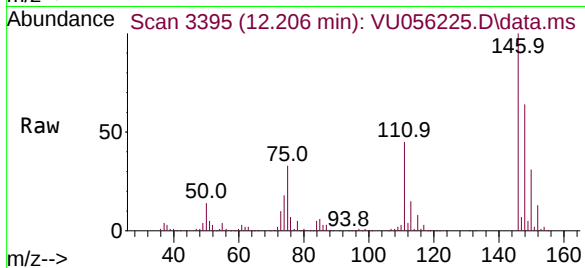
Tgt Ion:146 Resp: 277879

Ion Ratio Lower Upper

146 100

111 45.1 35.2 52.8

148 63.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.421 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056225.D

Acq: 11 Nov 2023 18:53

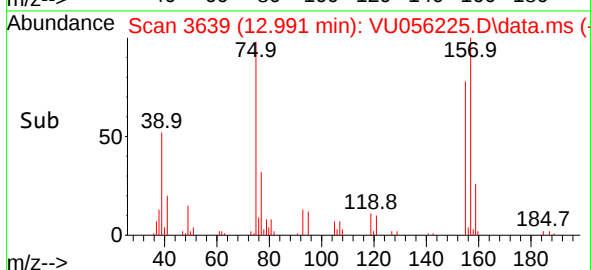
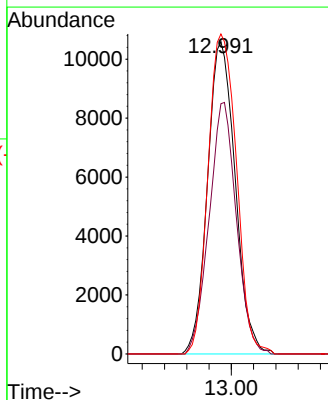
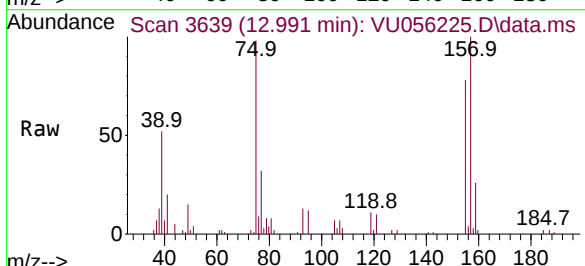
Tgt Ion: 75 Resp: 18242

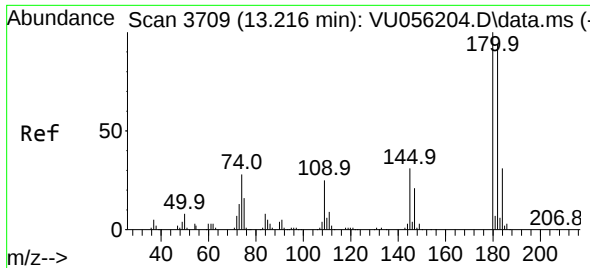
Ion Ratio Lower Upper

75 100

155 80.1 63.3 94.9

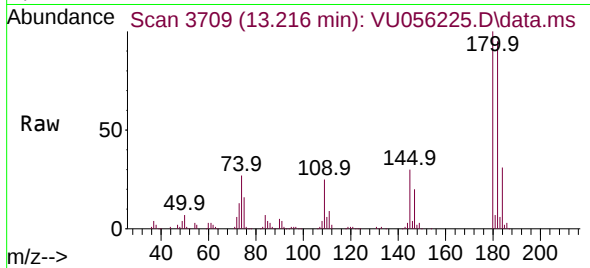
157 102.4 79.1 118.7



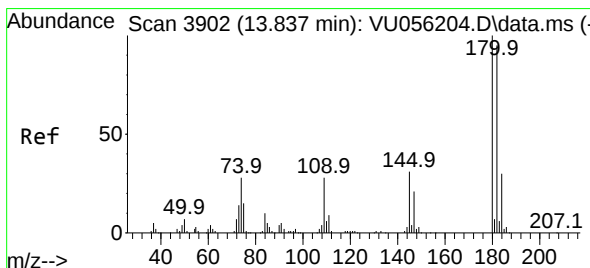
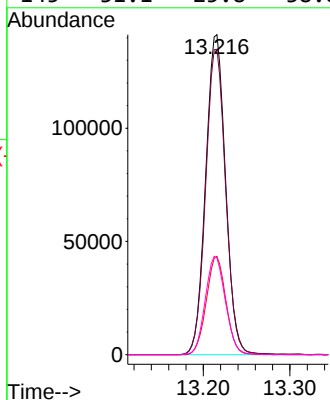
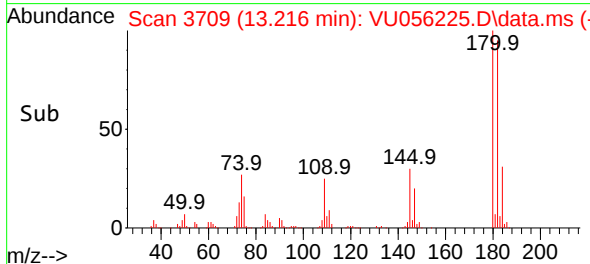


#69
 1,3,5-Trichlorobenzene
 Concen: 5.298 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53

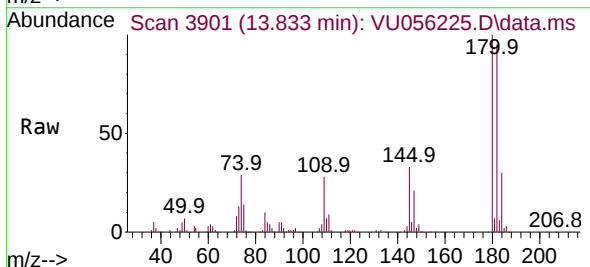
Instrument :
 MSVOA_U
 ClientSampleId :



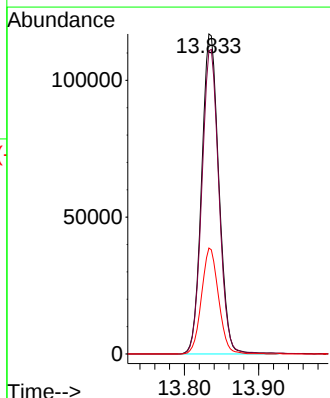
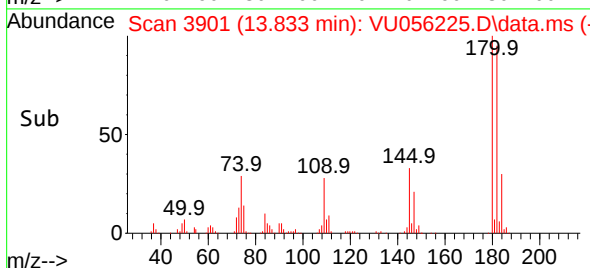
Tgt Ion:180 Resp: 225201
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.0 114.0
 184 30.3 24.0 36.0
 145 31.1 25.8 38.8

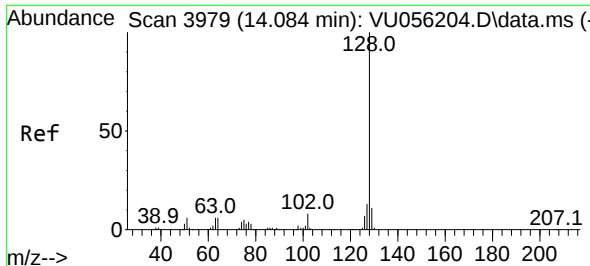


#70
 1,2,4-trichlorobenzene
 Concen: 5.576 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.004 min
 Lab File: VU056225.D
 Acq: 11 Nov 2023 18:53



Tgt Ion:180 Resp: 188030
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.4 116.2
 145 32.6 25.9 38.9

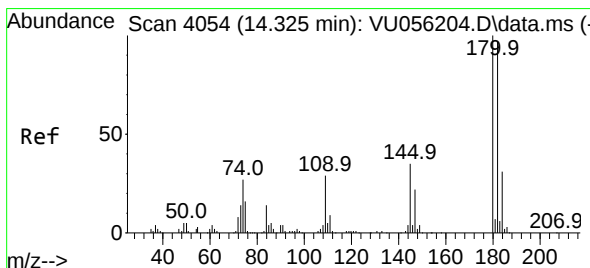
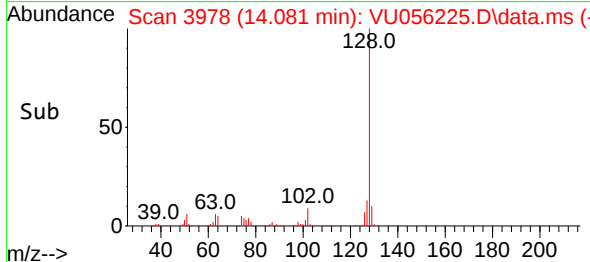
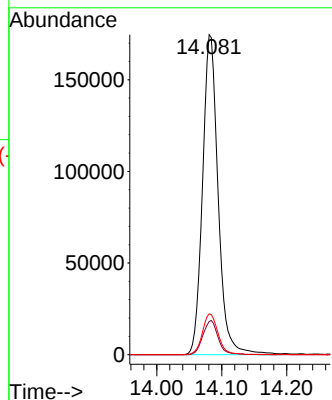
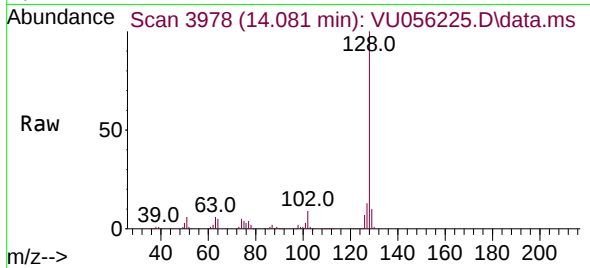




#71
Naphthalene
Concen: 5.840 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.004 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 292098
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.568 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056225.D
Acq: 11 Nov 2023 18:53

Tgt Ion:180 Resp: 164636
Ion Ratio Lower Upper
180 100
182 94.4 76.6 115.0
145 33.6 28.0 42.0

