

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112923\
 Data File : VU056634.D
 Acq On : 29 Nov 2023 09:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 29 23:26:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	101889	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.911	69	77185	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	44413	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.628	46	246896	60.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.760%
24) Chloroform-d	5.055	84	216160	5.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.695	65	98389	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	395787	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.685	67	121922	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	349275	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.177	79	46006	4.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.637	63	201202	55.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93719	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	119781	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	103539	4.806	ug/L	100
3) Chloromethane	1.515	50	99775	4.532	ug/L	95
5) Vinyl chloride	1.602	62	105412	4.969	ug/L	97
6) Bromomethane	1.856	94	56395	5.252	ug/L	97
8) Chloroethane	1.930	64	62727	4.841	ug/L	95
9) Trichlorofluoromethane	2.132	101	166543	5.448	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	107090	5.901	ug/L	99
12) 1,1-Dichloroethene	2.576	96	89930	5.403	ug/L	93
13) Acetone	2.637	43	175197	50.720	ug/L	100
14) Carbon disulfide	2.788	76	225312	4.160	ug/L	98
15) Methyl Acetate	2.952	43	33405	5.434	ug/L	99
16) Methylene chloride	3.039	84	110182	5.002	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	221508	5.477	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	90347	5.275	ug/L	97
19) 1,1-Dichloroethane	3.859	63	195690	5.768	ug/L	98
21) 2-Butanone	4.708	43	234423	52.302	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	107398	5.529	ug/L	98
23) Bromochloromethane	4.968	128	43816	5.481	ug/L	96
25) Chloroform	5.081	83	207345	5.641	ug/L	96

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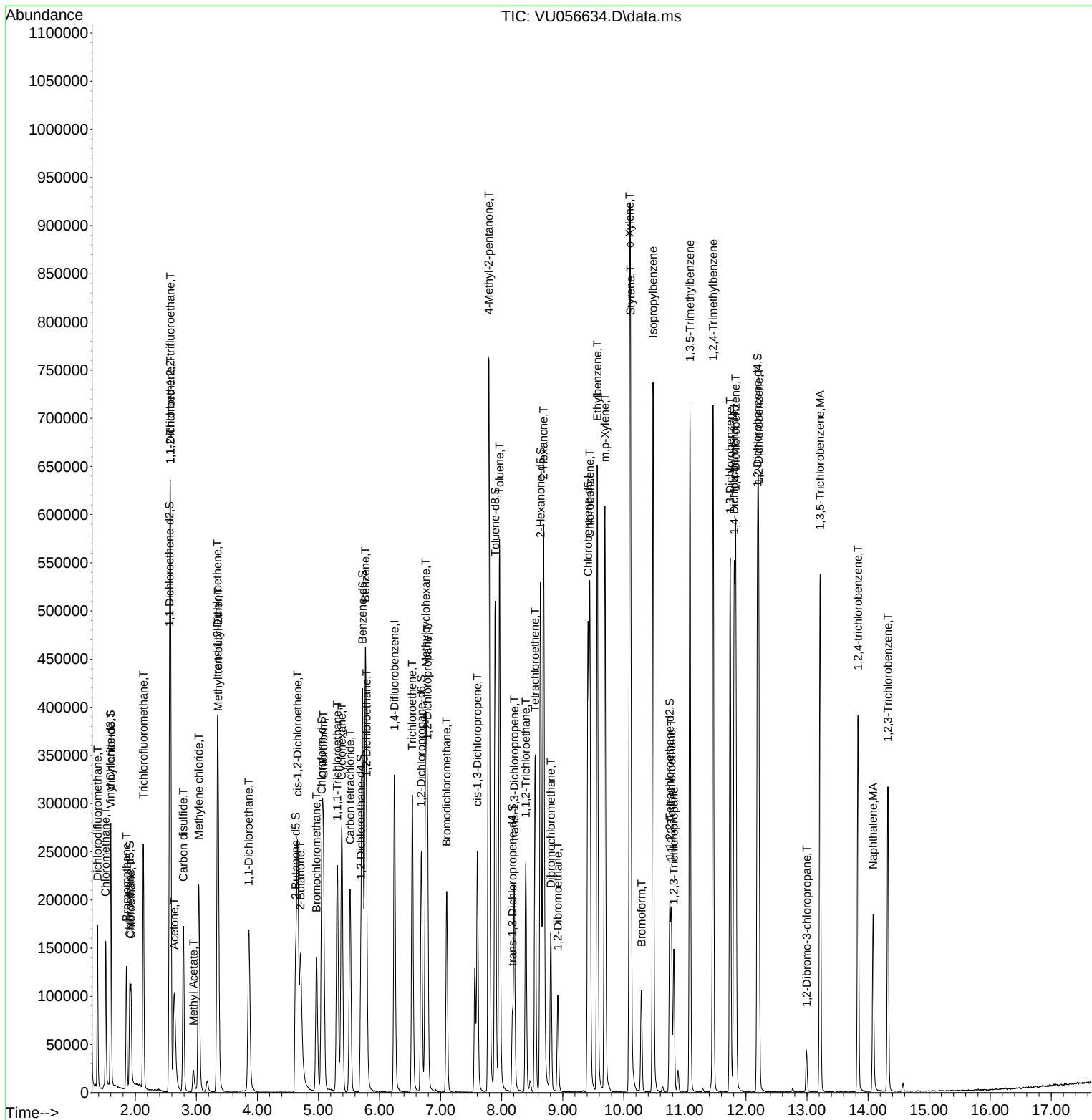
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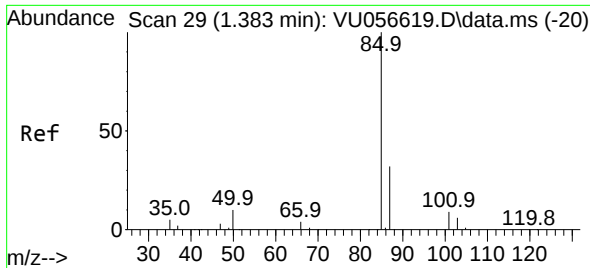
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116714	5.593	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	177932	5.777	ug/L	99
30) Cyclohexane	5.383	56	136614	4.673	ug/L	99
31) Carbon tetrachloride	5.518	117	146233	5.527	ug/L	99
33) Benzene	5.769	78	408300	5.333	ug/L	100
34) Trichloroethene	6.537	95	114147	5.472	ug/L	96
35) Methylcyclohexane	6.759	83	144546	4.799	ug/L	98
37) 1,2-Dichloropropane	6.785	63	109917	5.505	ug/L	99
38) Bromodichloromethane	7.100	83	139221	5.401	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	153347	5.227	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	547762	55.341	ug/L	100
42) Toluene	7.965	91	434455	5.481	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126861	5.424	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	74108	5.573	ug/L	97
47) Tetrachloroethene	8.550	164	74337	5.284	ug/L	98
48) 2-Hexanone	8.685	43	407395	52.833	ug/L	99
49) Dibromochloromethane	8.804	129	85172	5.632	ug/L	97
50) 1,2-Dibromoethane	8.920	107	68061	5.421	ug/L	96
51) Chlorobenzene	9.444	112	276407	5.427	ug/L	100
52) Ethylbenzene	9.566	91	476914	5.418	ug/L	99
53) m,p-Xylene	9.692	106	177769	5.493	ug/L	99
54) o-Xylene	10.097	106	172055	5.474	ug/L	99
55) Styrene	10.113	104	291680	5.578	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	91435	5.631	ug/L	96
59) Bromoform	10.290	173	48045	5.809	ug/L	98
60) Isopropylbenzene	10.479	105	476651	5.567	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	64906	5.697	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	385018	5.476	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	393119	5.665	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	220624	5.664	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	216116	5.532	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	199774	5.591	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	11173	4.592	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	162131	5.529	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	117790	4.932	ug/L	99
71) Naphthalene	14.084	128	150515	4.171	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	93506	4.752	ug/L	96

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

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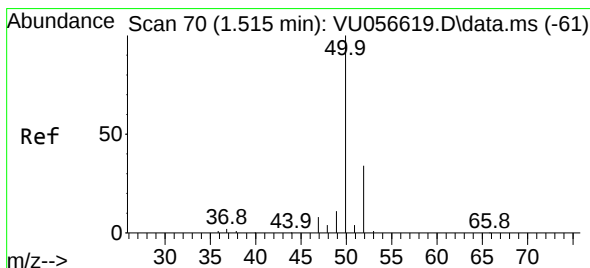
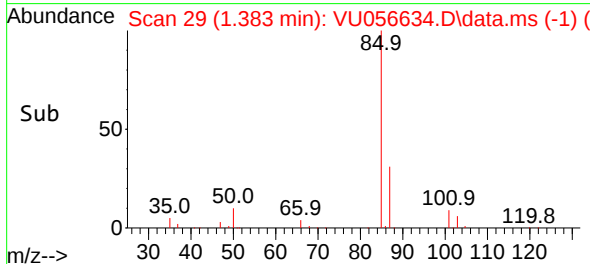
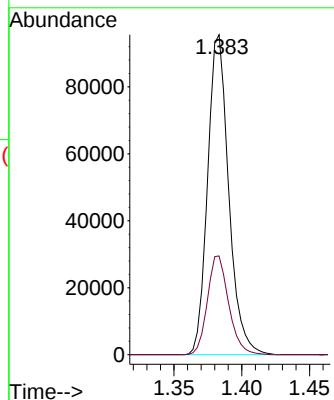
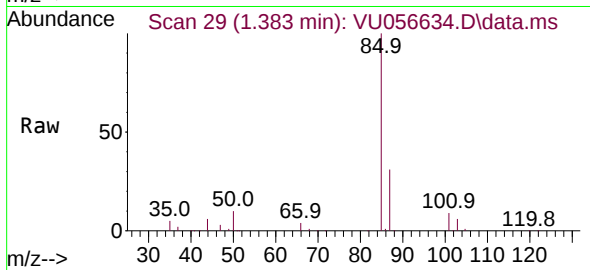




#2
 Dichlorodifluoromethane
 Concen: 4.806 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

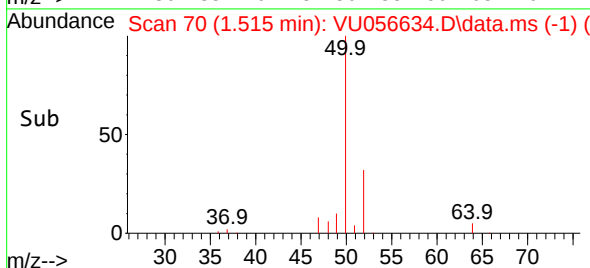
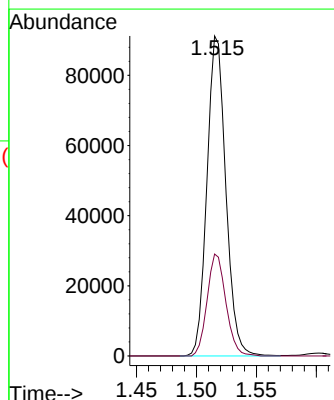
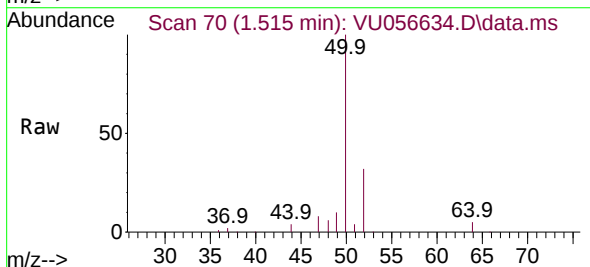
Instrument :
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 ClientSampleId :

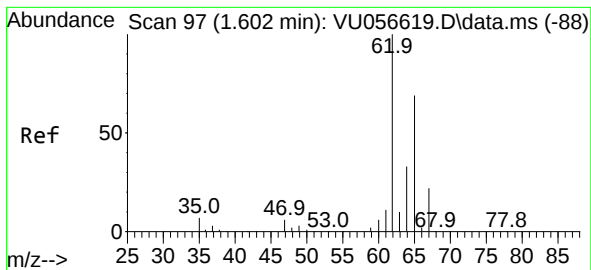
Tgt Ion: 85 Resp: 103539
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.4



#3
 Chloromethane
 Concen: 4.532 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

Tgt Ion: 50 Resp: 99775
 Ion Ratio Lower Upper
 50 100
 52 31.8 24.3 45.1

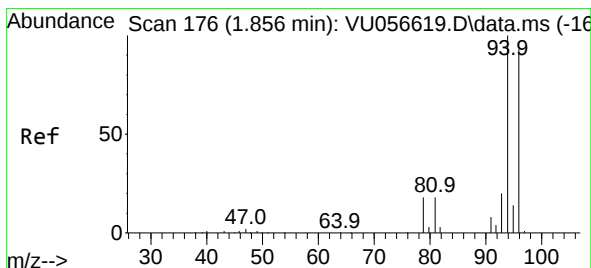
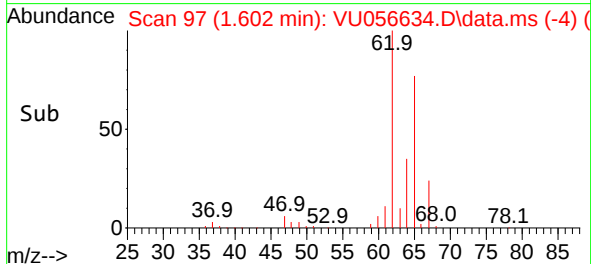
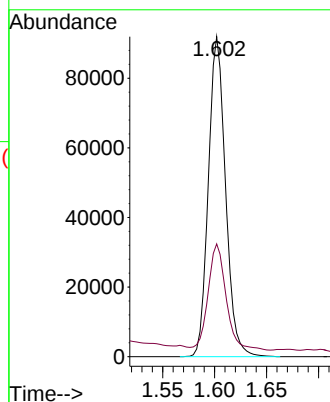
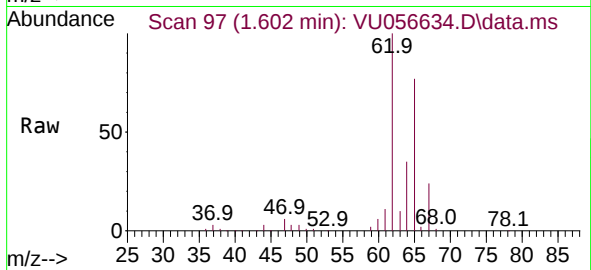




#5
 Vinyl chloride
 Concen: 4.969 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

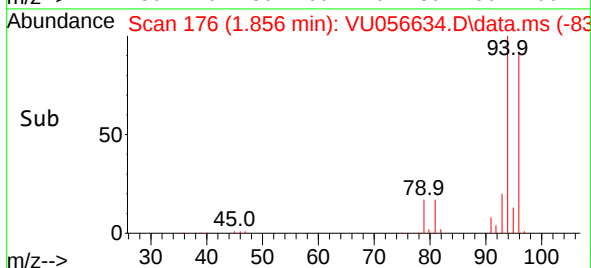
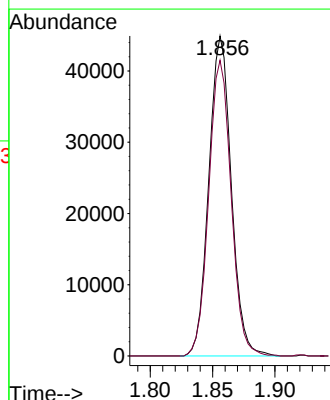
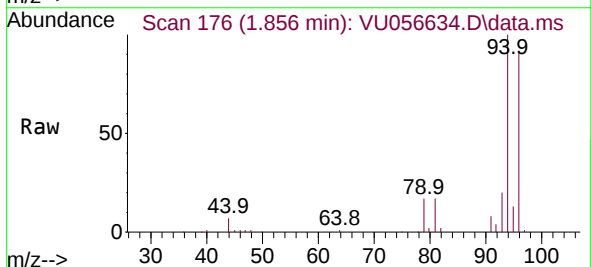
Instrument :
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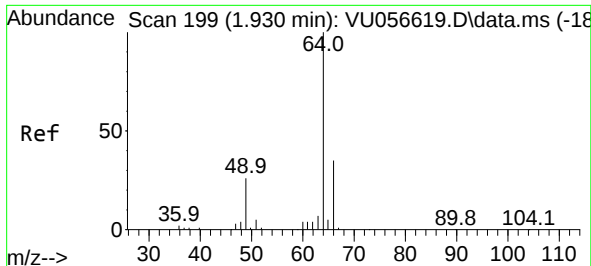
Tgt Ion: 62 Resp: 105412
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.3 43.3



#6
 Bromomethane
 Concen: 5.252 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

Tgt Ion: 94 Resp: 56395
 Ion Ratio Lower Upper
 94 100
 96 92.4 62.6 116.2

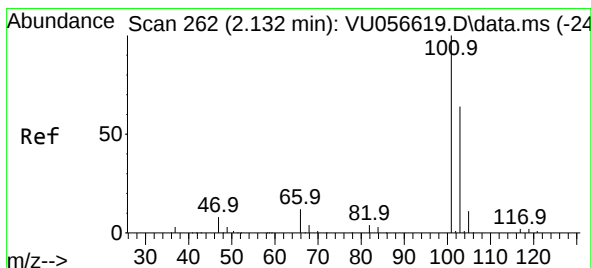
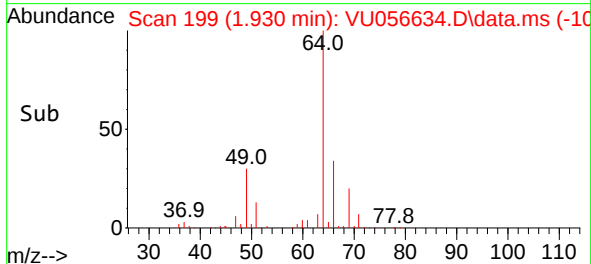
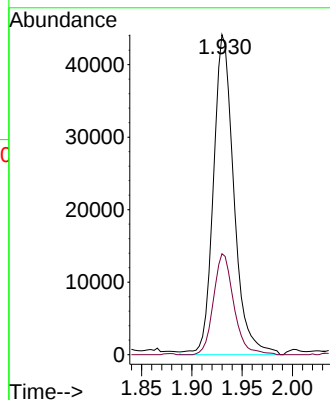
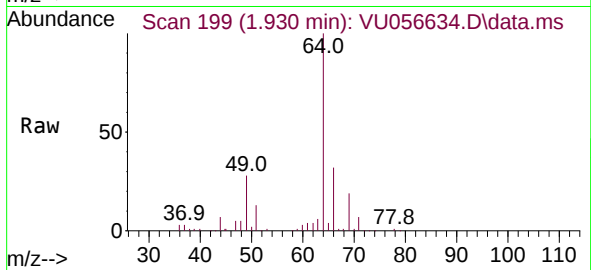




#8
Chloroethane
Concen: 4.841 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

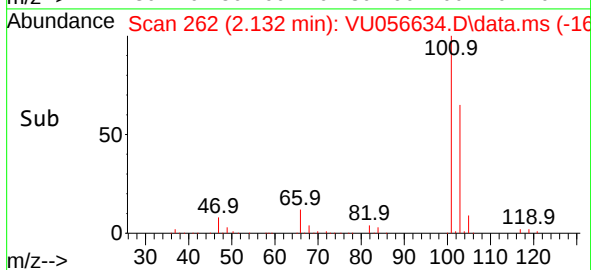
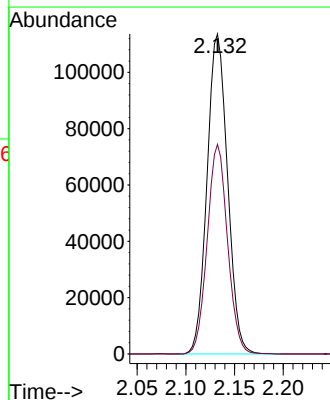
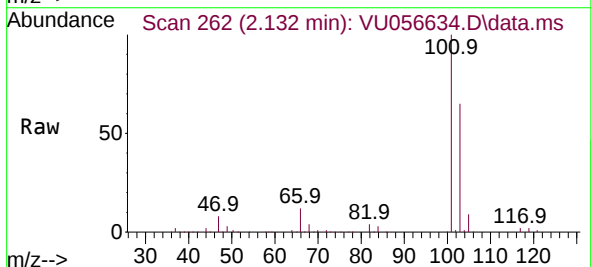
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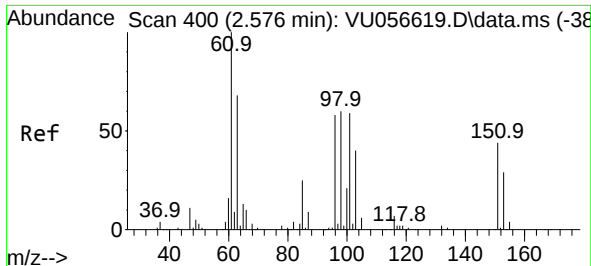
Tgt Ion: 64 Resp: 62727
Ion Ratio Lower Upper
64 100
66 31.6 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.448 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion:101 Resp: 166543
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

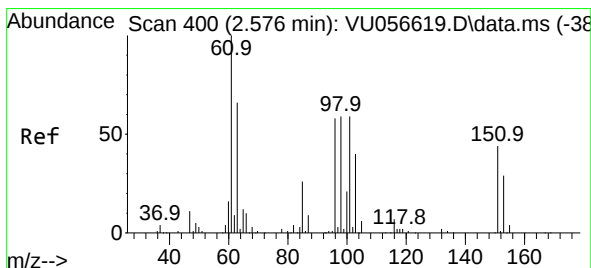
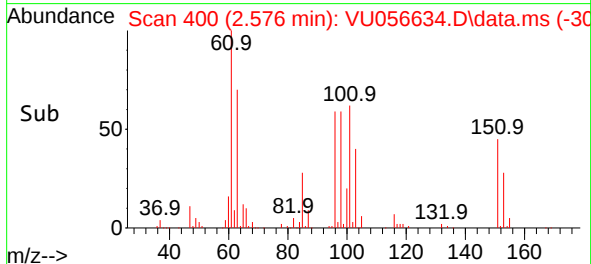
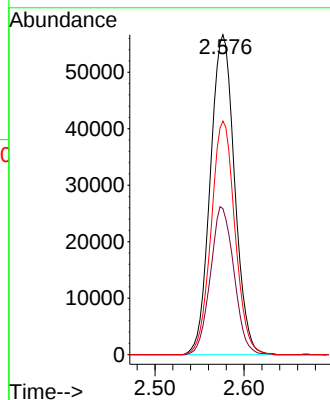
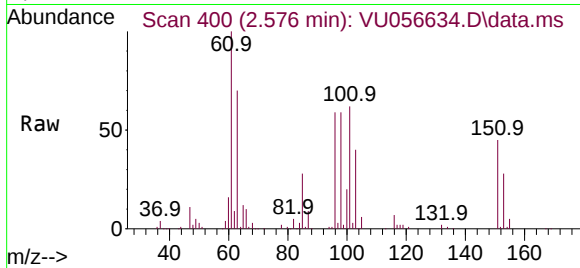




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.901 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

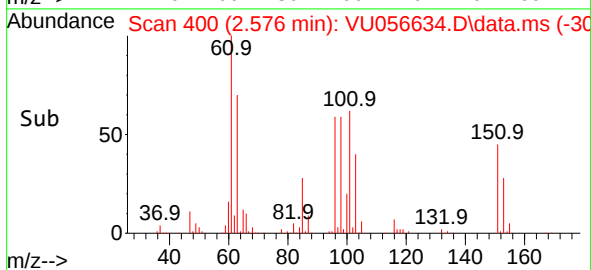
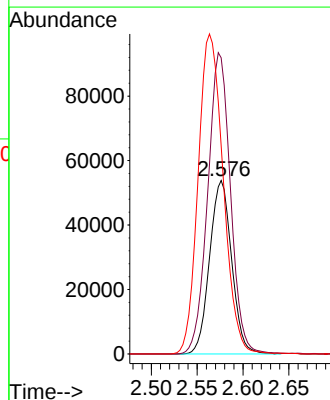
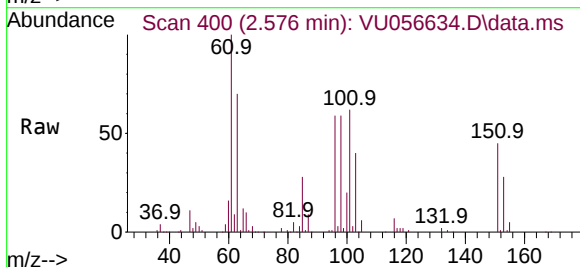
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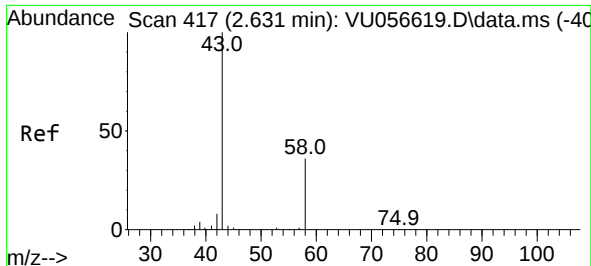
Tgt Ion:101 Resp: 107090
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 71.9 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.403 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 96 Resp: 89930
Ion Ratio Lower Upper
96 100
61 170.8 123.1 228.7
63 120.1 93.3 173.3





#13

Acetone

Concen: 50.720 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.006 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

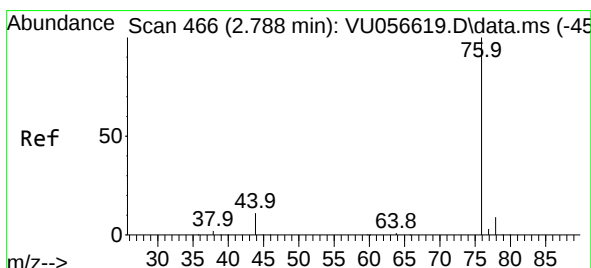
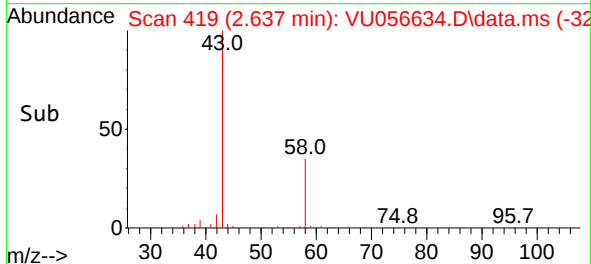
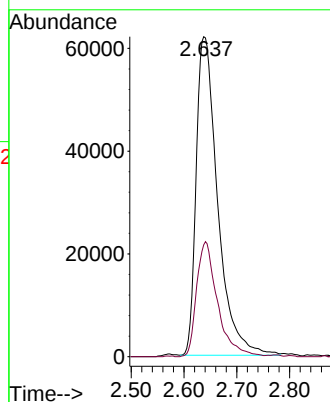
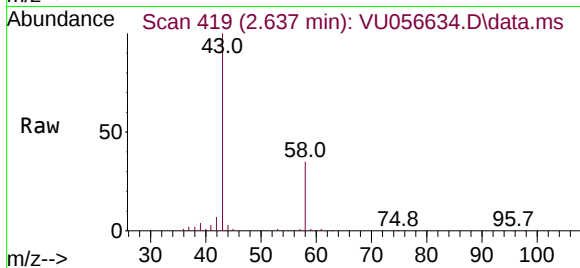
ClientSampleId :

Tgt Ion: 43 Resp: 175197

Ion Ratio Lower Upper

43 100

58 35.2 0.0 70.0



#14

Carbon disulfide

Concen: 4.160 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056634.D

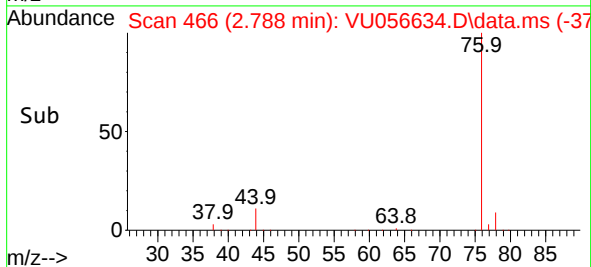
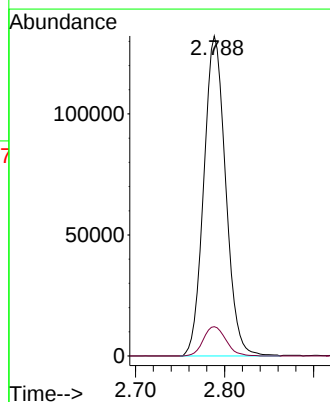
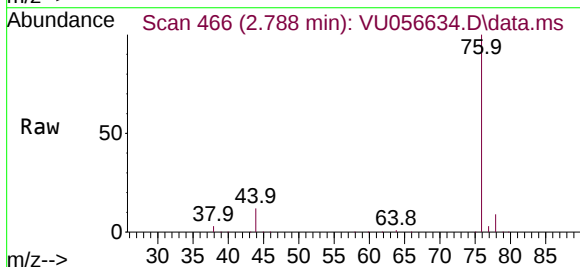
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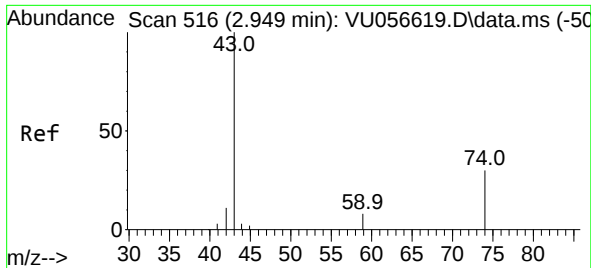
Tgt Ion: 76 Resp: 225312

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

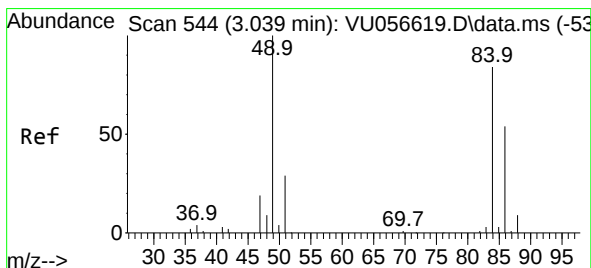
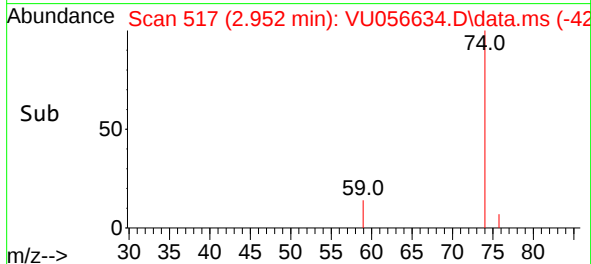
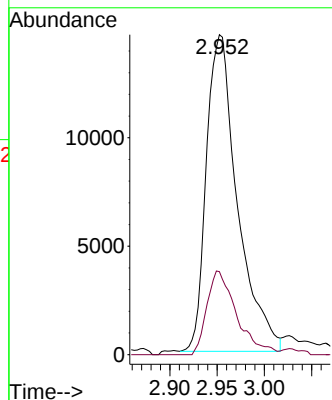
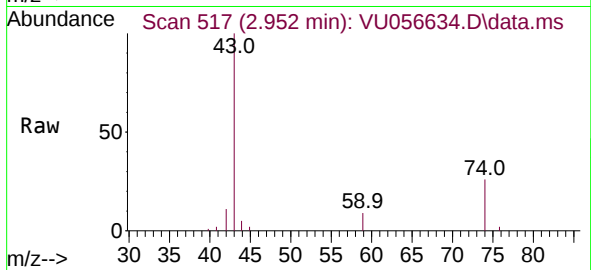




#15
Methyl Acetate
Concen: 5.434 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

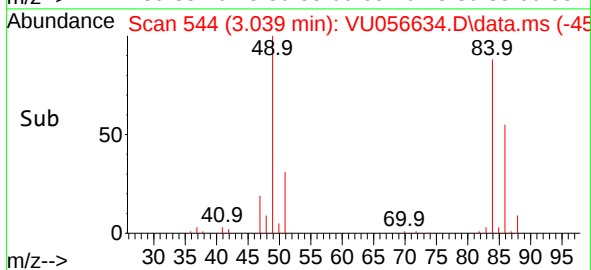
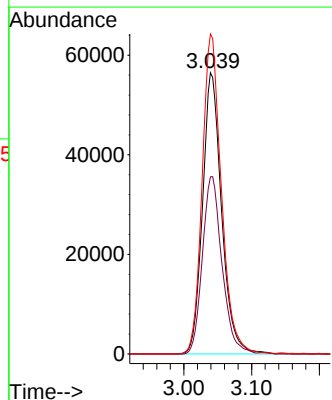
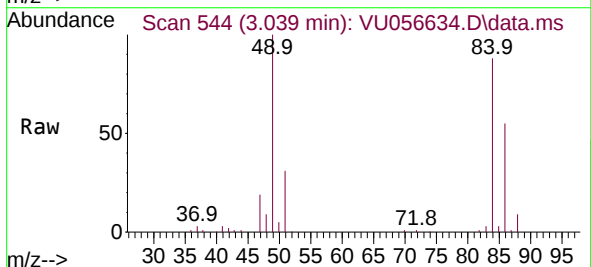
Instrument :
MSVOA_U
ClientSampleId :

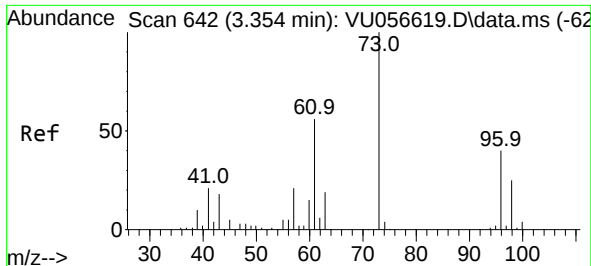
Tgt Ion: 43 Resp: 33405
Ion Ratio Lower Upper
43 100
74 25.2 20.6 31.0



#16
Methylene chloride
Concen: 5.002 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 84 Resp: 110182
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 113.8 81.8 152.0

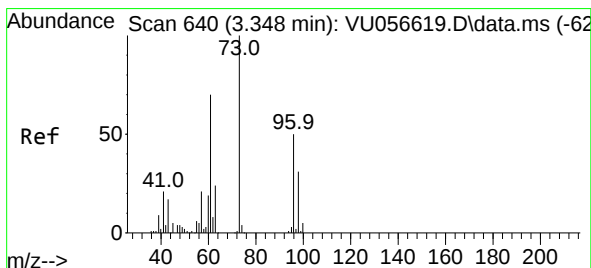
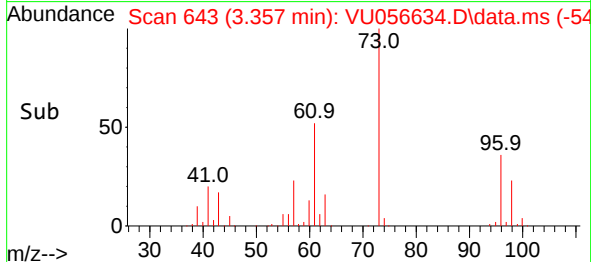
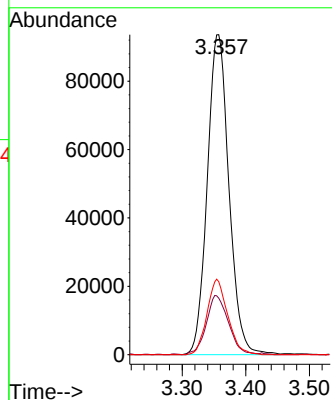
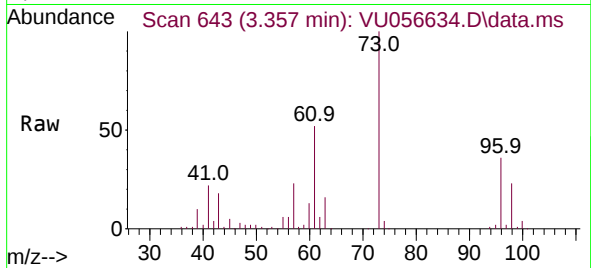




#17
Methyl tert-butyl Ether
Concen: 5.477 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

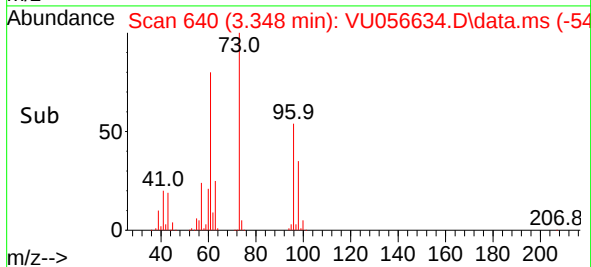
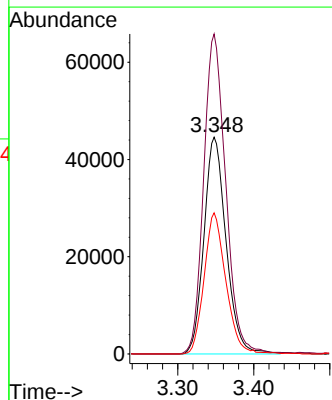
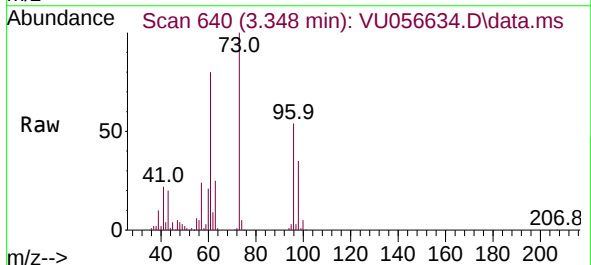
Instrument :
MSVOA_U
ClientSampleId :

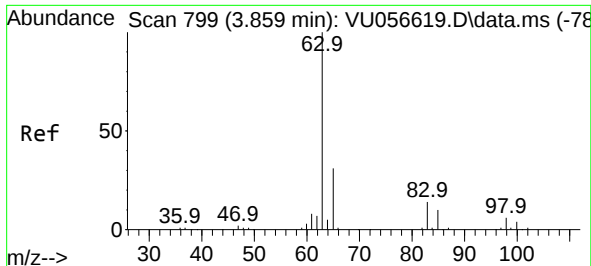
Tgt Ion: 73 Resp: 221508
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 22.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.275 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 96 Resp: 90347
Ion Ratio Lower Upper
96 100
61 147.6 101.7 188.9
98 65.1 43.0 80.0

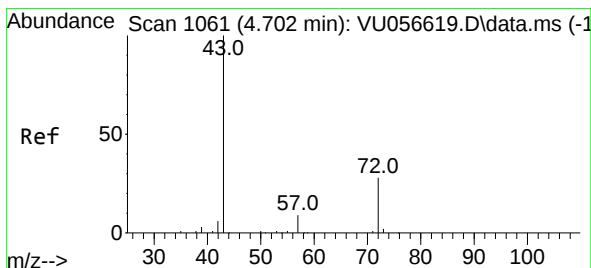
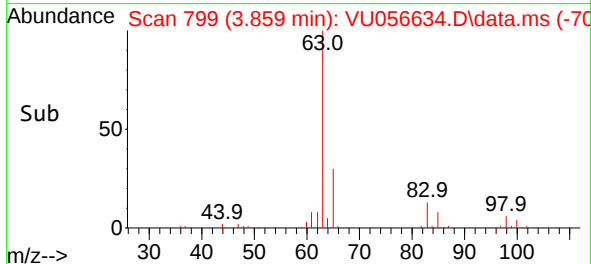
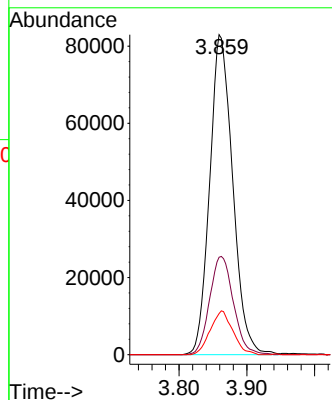
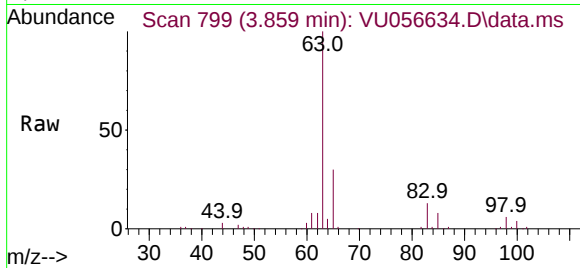




#19
1,1-Dichloroethane
Concen: 5.768 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

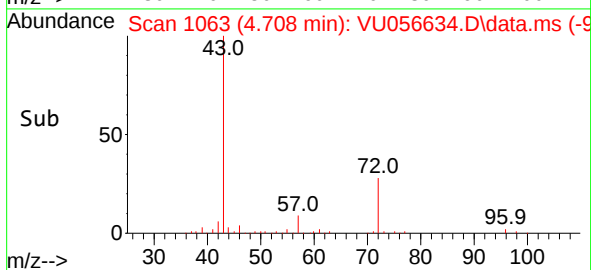
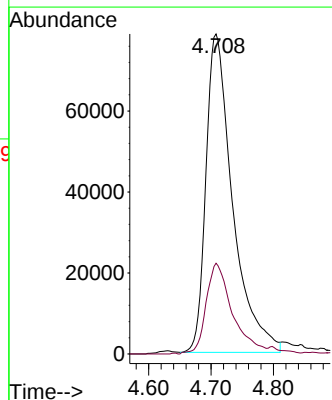
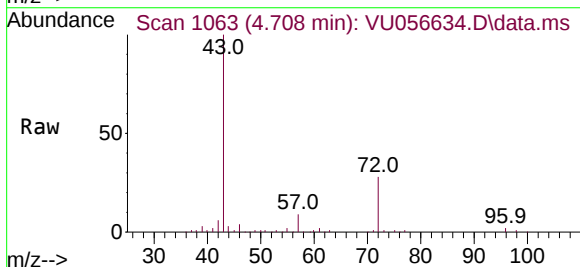
Instrument :
MSVOA_U
ClientSampleId :

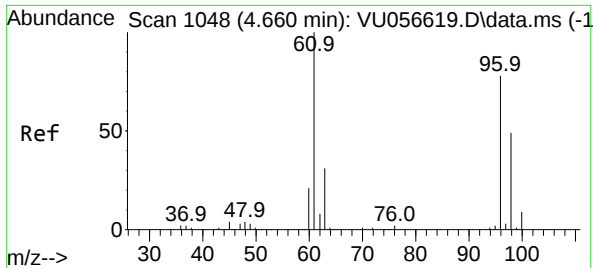
Tgt Ion: 63 Resp: 195690
Ion Ratio Lower Upper
63 100
65 30.4 21.8 40.6
83 12.9 9.7 17.9



#21
2-Butanone
Concen: 52.302 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 43 Resp: 234423
Ion Ratio Lower Upper
43 100
72 27.9 14.2 42.6

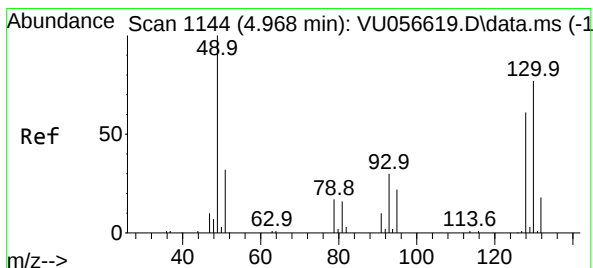
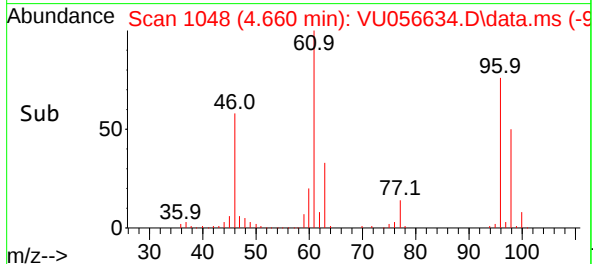
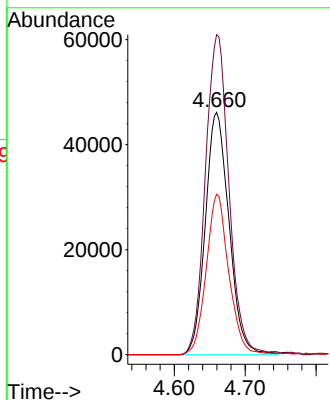
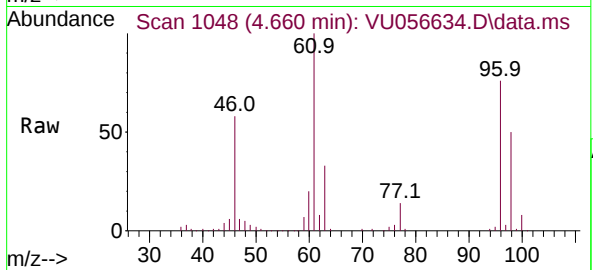




#22
 cis-1,2-Dichloroethene
 Concen: 5.529 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

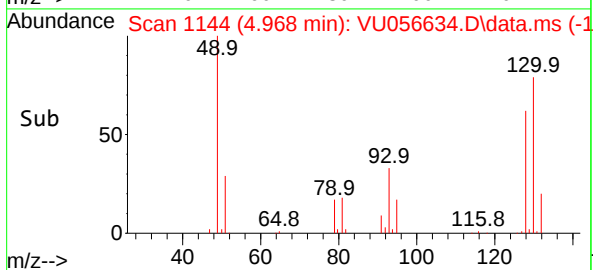
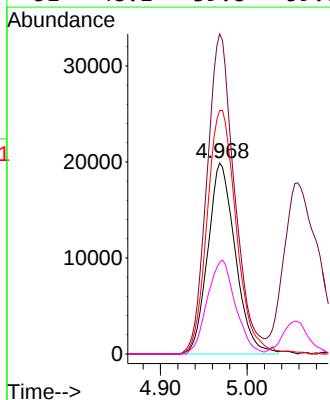
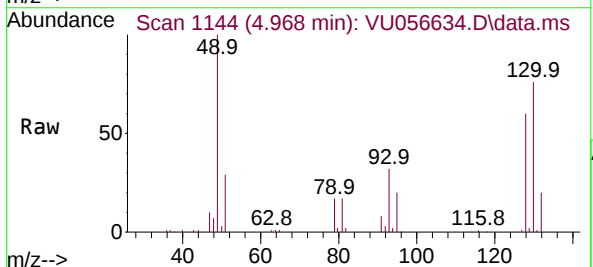
Instrument :
 MSVOA_U
 ClientSampleId :

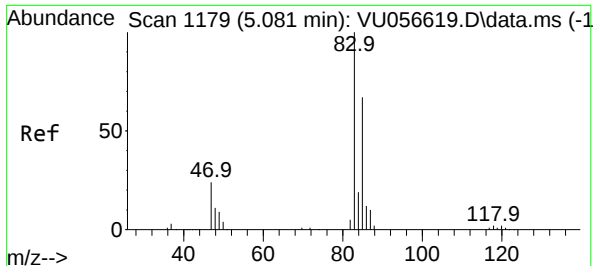
Tgt Ion: 96 Resp: 107398
 Ion Ratio Lower Upper
 96 100
 61 132.0 93.2 173.2
 98 66.2 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.481 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

Tgt Ion: 128 Resp: 43816
 Ion Ratio Lower Upper
 128 100
 49 167.6 113.4 210.6
 130 127.5 84.8 157.6
 51 48.1 39.8 59.6





#25

Chloroform

Concen: 5.641 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

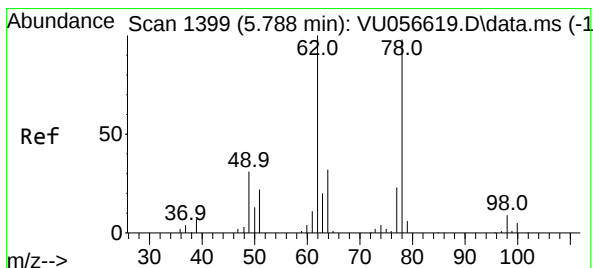
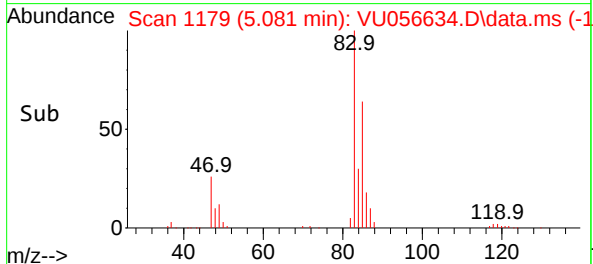
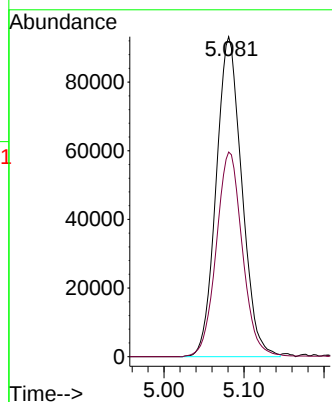
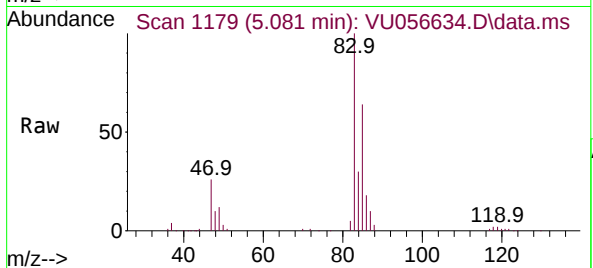
ClientSampleId :

Tgt Ion: 83 Resp: 207345

Ion Ratio Lower Upper

83 100

85 64.0 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.593 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056634.D

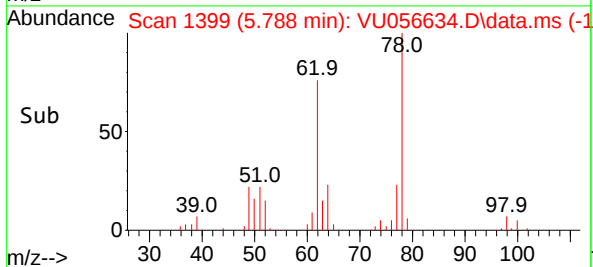
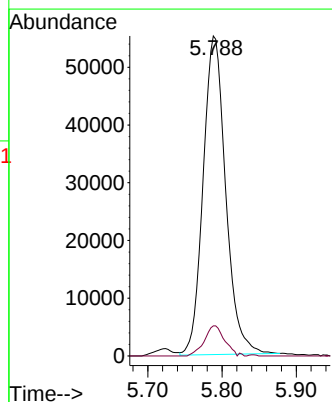
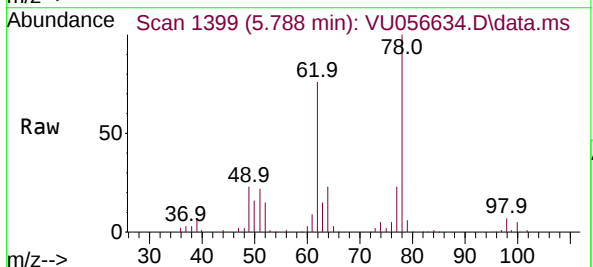
Acq: 29 Nov 2023 09:13

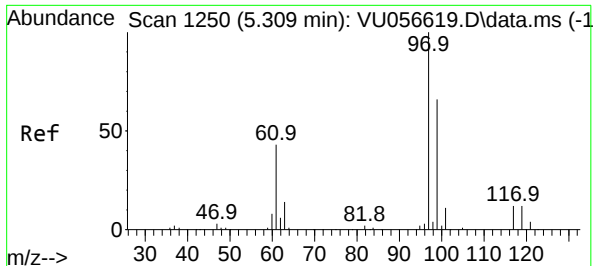
Tgt Ion: 62 Resp: 116714

Ion Ratio Lower Upper

62 100

98 9.4 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.777 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

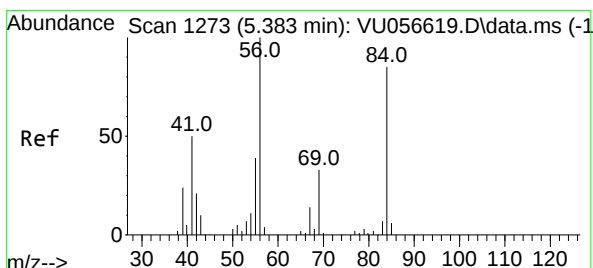
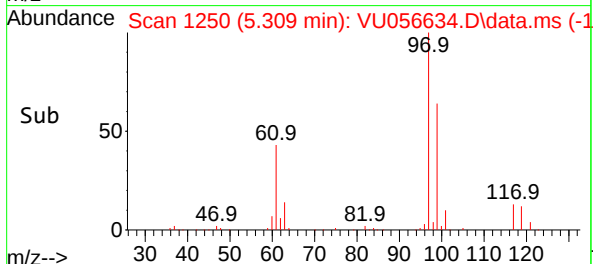
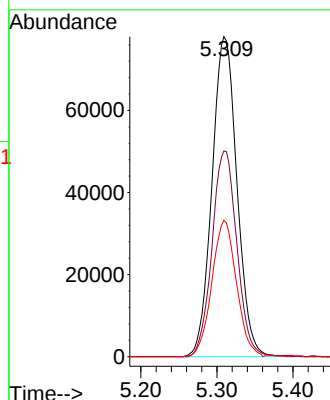
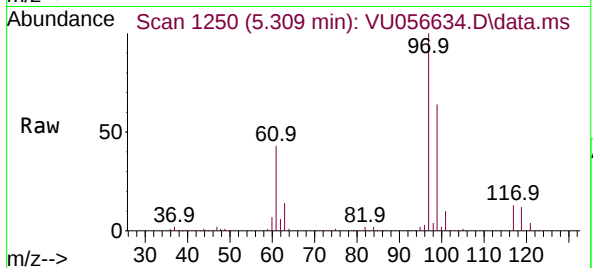
Tgt Ion: 97 Resp: 177932

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 41.9 34.3 51.5



#30

Cyclohexane

Concen: 4.673 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

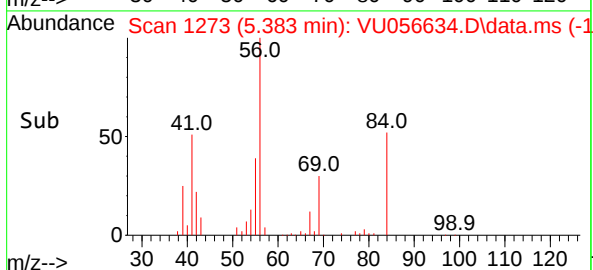
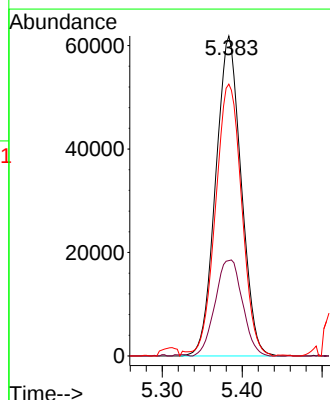
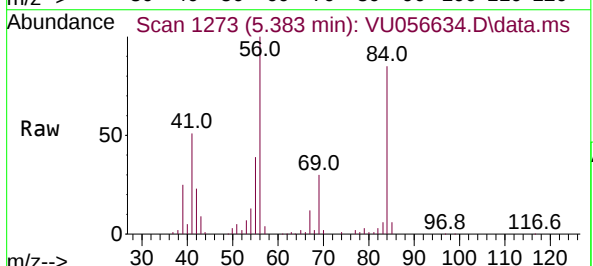
Tgt Ion: 56 Resp: 136614

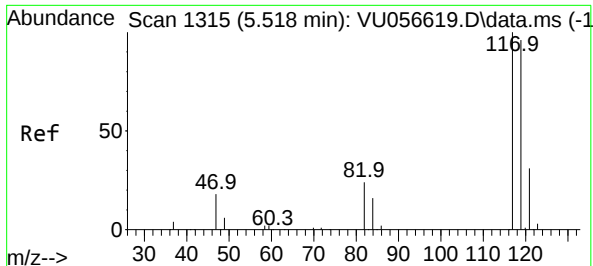
Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 87.4 68.6 103.0

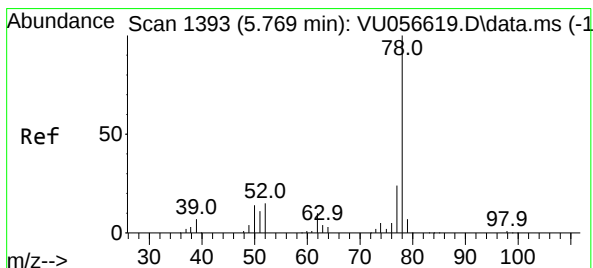
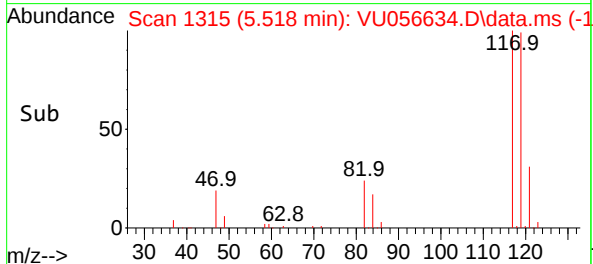
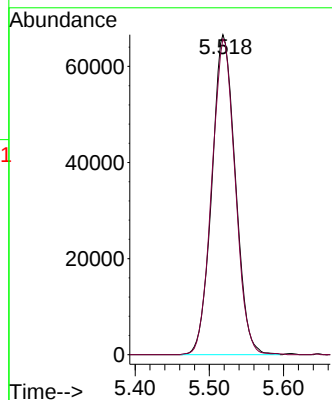
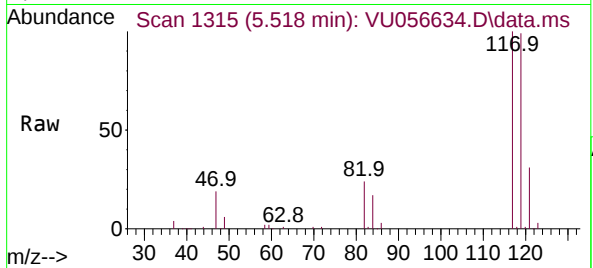




#31
Carbon tetrachloride
Concen: 5.527 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

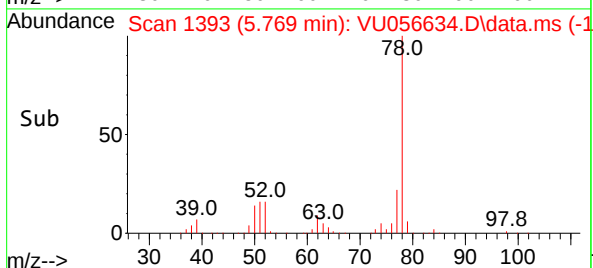
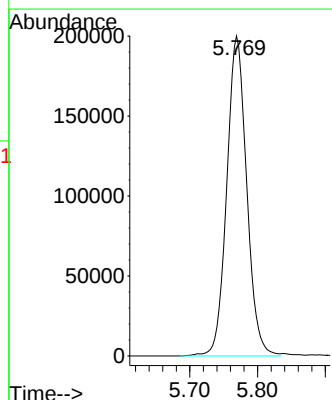
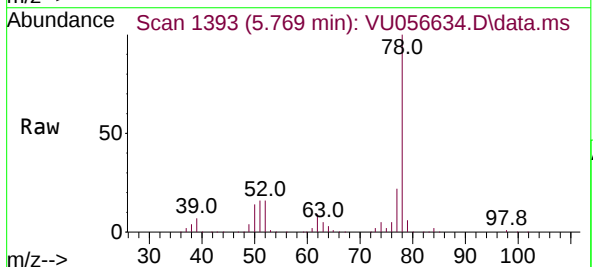
Instrument :
MSVOA_U
ClientSampleId :

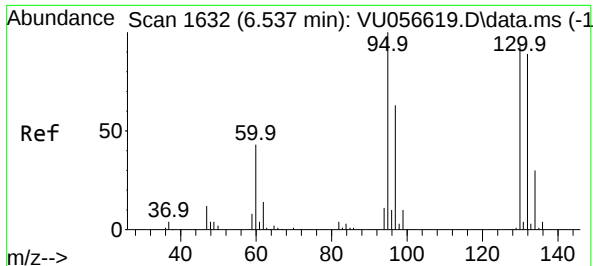
Tgt Ion:117 Resp: 146233
Ion Ratio Lower Upper
117 100
119 98.2 78.1 117.1



#33
Benzene
Concen: 5.333 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 78 Resp: 408300

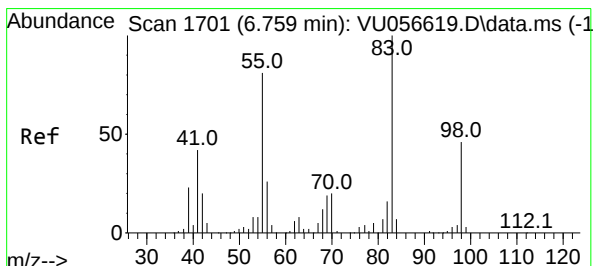
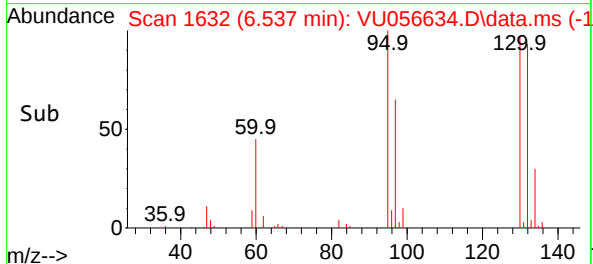
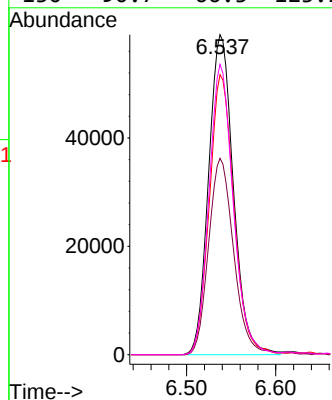
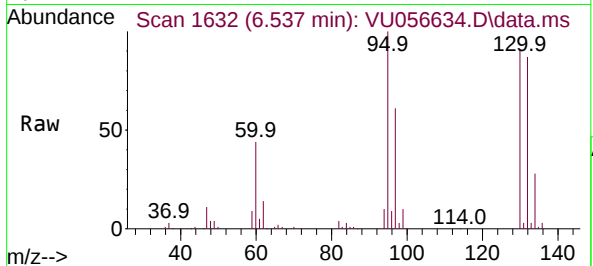




#34
Trichloroethene
Concen: 5.472 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

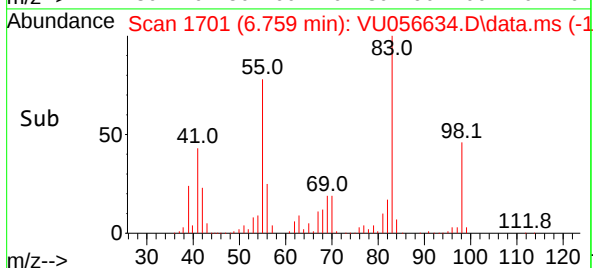
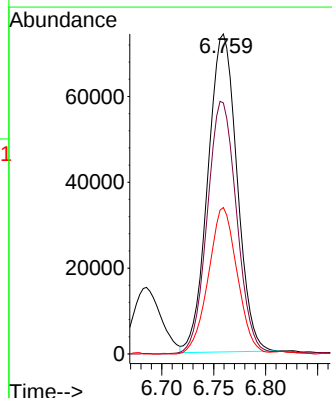
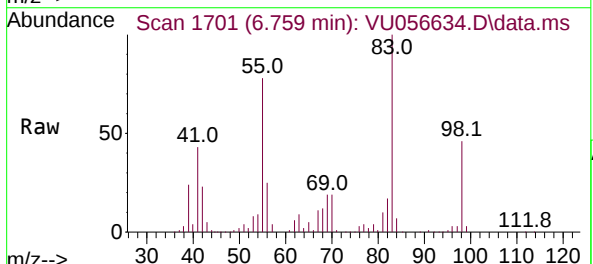
Instrument :
MSVOA_U
ClientSampleId :

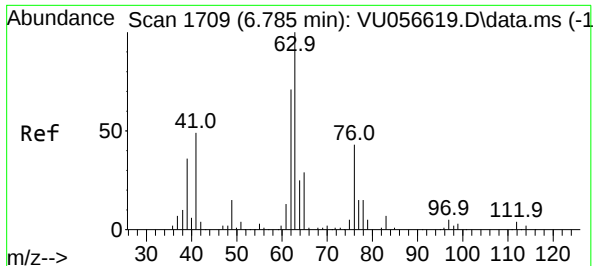
Tgt Ion: 95 Resp: 114147
Ion Ratio Lower Upper
95 100
97 61.3 46.5 86.3
132 87.5 62.0 115.2
130 90.7 66.3 123.1



#35
Methylcyclohexane
Concen: 4.799 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 83 Resp: 144546
Ion Ratio Lower Upper
83 100
55 80.1 62.9 94.3
98 45.6 35.3 52.9

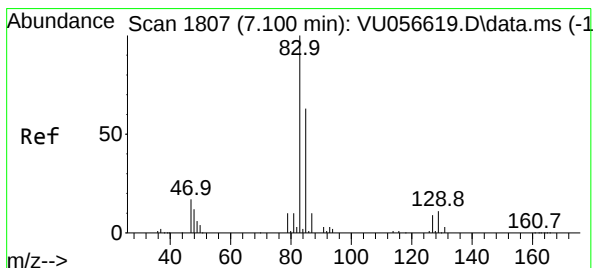
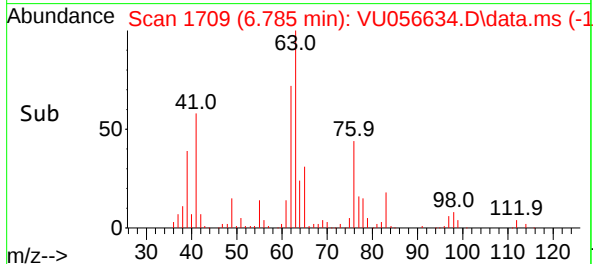
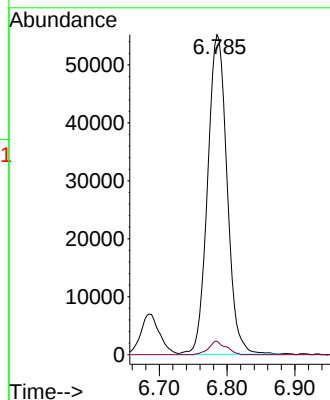
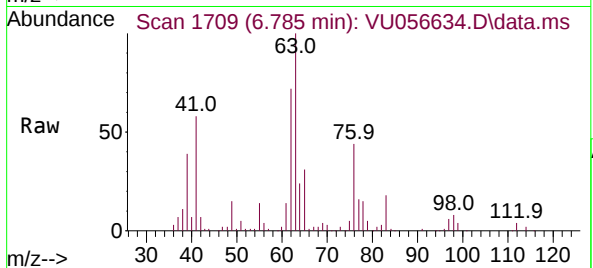




#37
1,2-Dichloropropane
Concen: 5.505 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

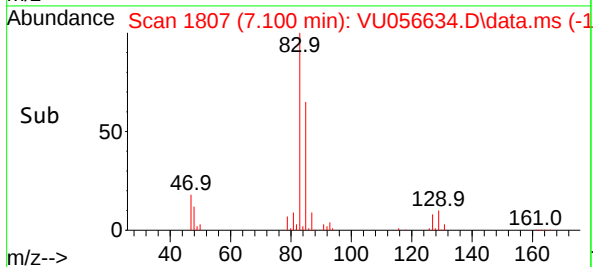
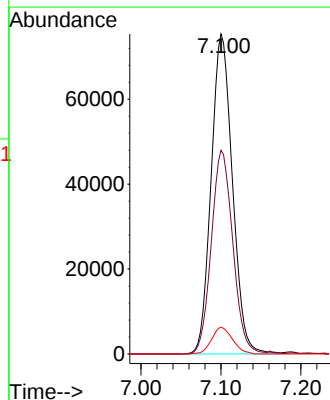
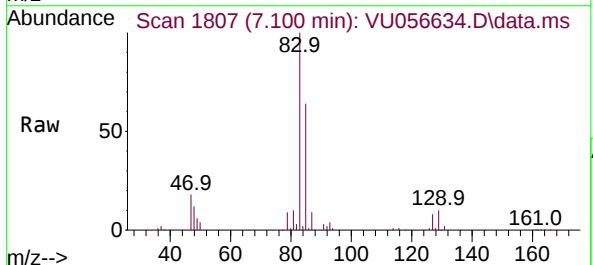
Instrument :
MSVOA_U
ClientSampleId :

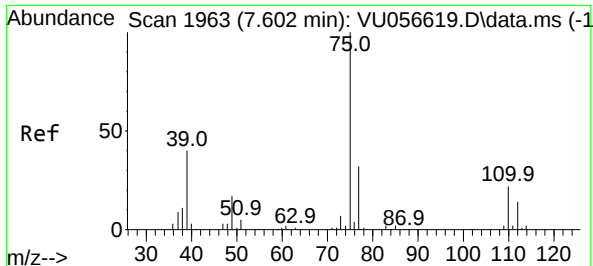
Tgt Ion: 63 Resp: 109917
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 5.401 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 83 Resp: 139221
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.5
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.227 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

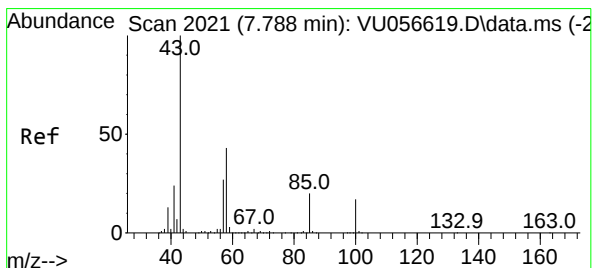
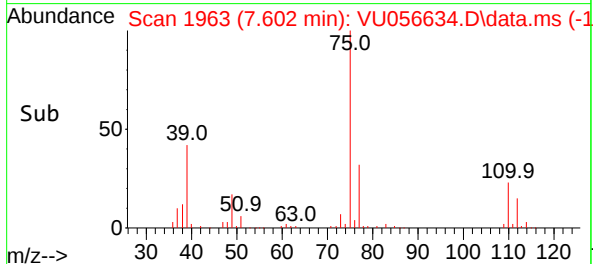
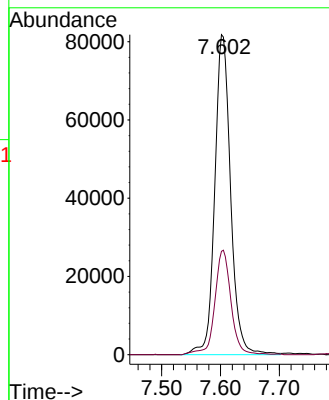
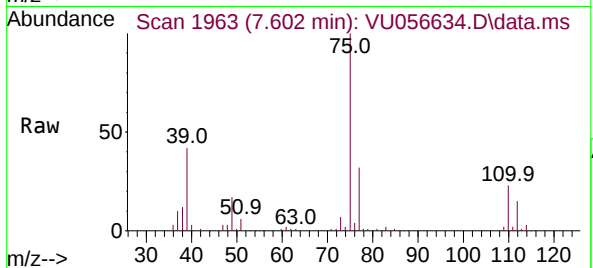
ClientSampleId :

Tgt Ion: 75 Resp: 153347

Ion Ratio Lower Upper

75 100

77 32.3 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 55.341 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

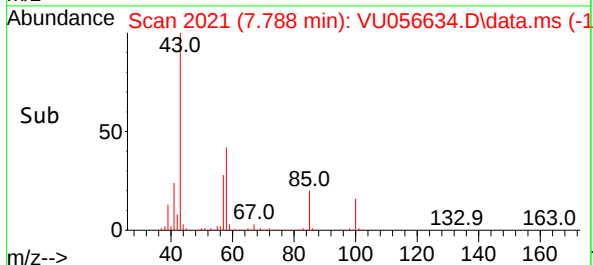
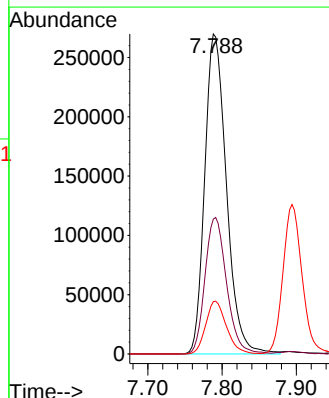
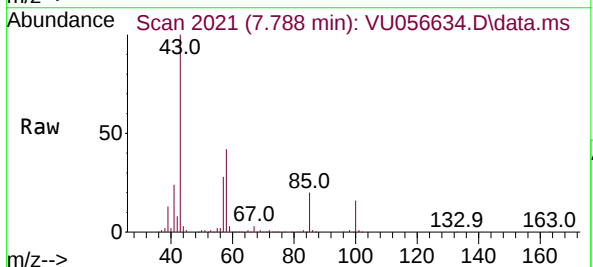
Tgt Ion: 43 Resp: 547762

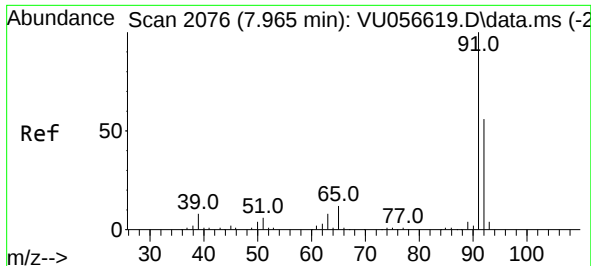
Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8

100 15.8 13.0 19.4





#42

Toluene

Concen: 5.481 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

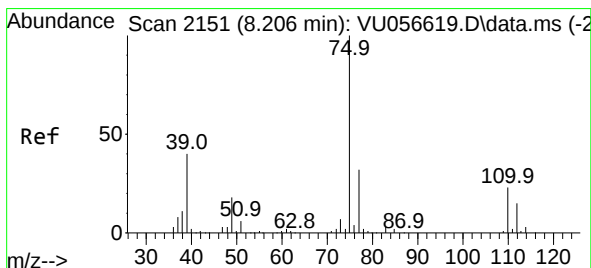
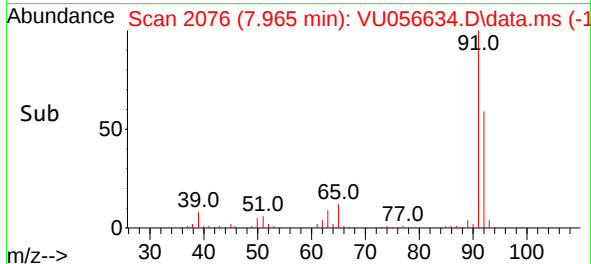
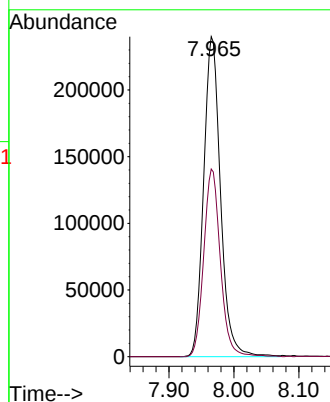
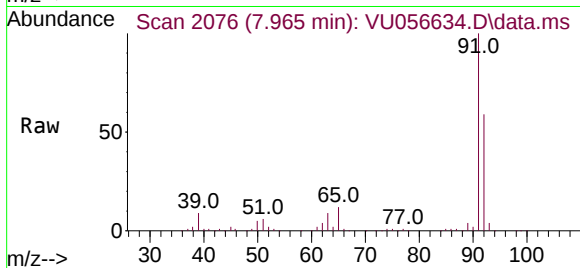
ClientSampleId :

Tgt Ion: 91 Resp: 434455

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.424 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056634.D

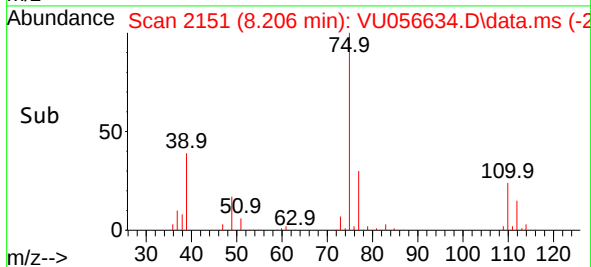
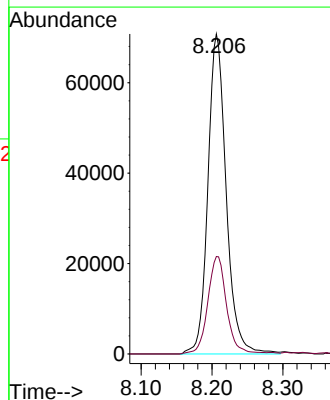
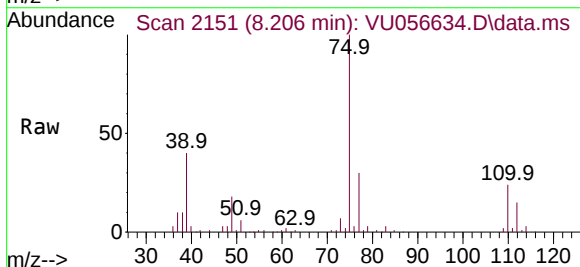
Acq: 29 Nov 2023 09:13

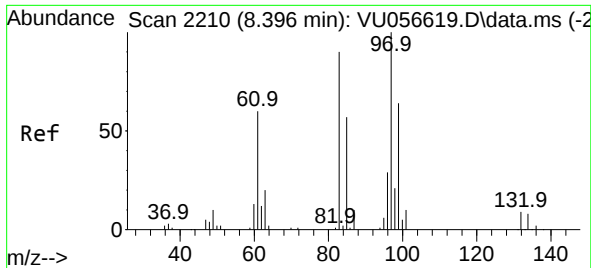
Tgt Ion: 75 Resp: 126861

Ion Ratio Lower Upper

75 100

77 30.5 22.8 42.4

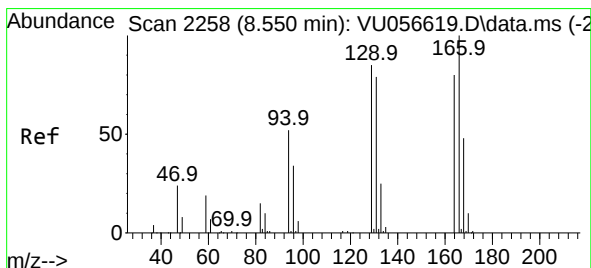
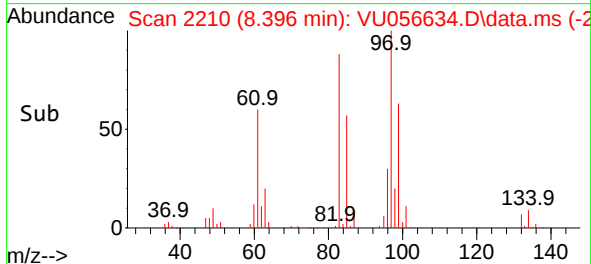
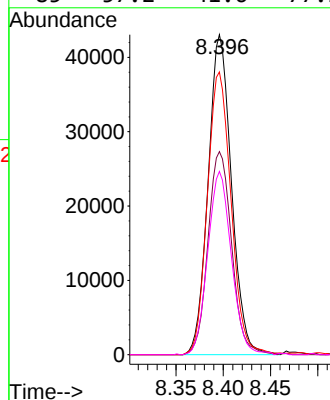
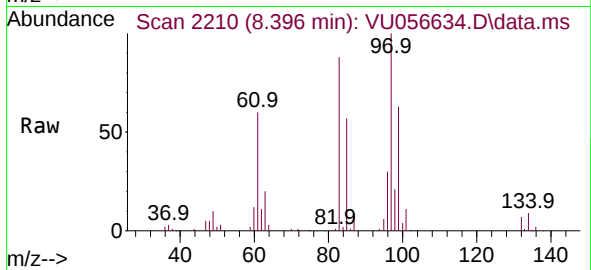




#45
1,1,2-Trichloroethane
Concen: 5.573 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

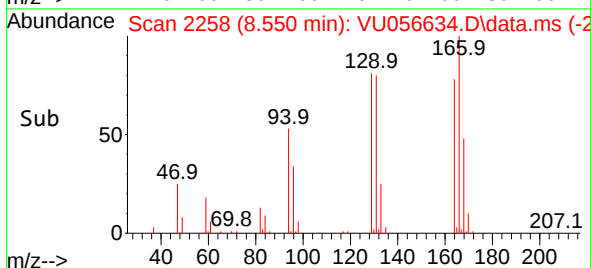
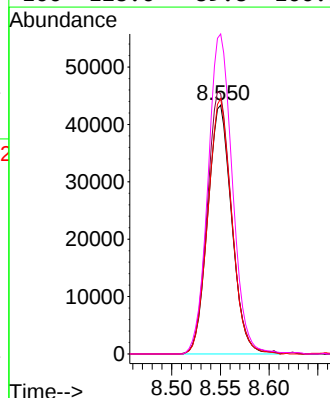
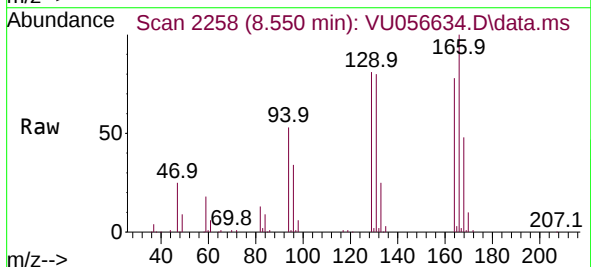
Instrument :
MSVOA_U
ClientSampleId :

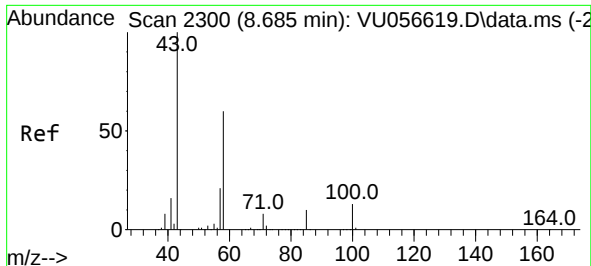
Tgt Ion:	97	Resp:	74108
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.3	82.3
83	88.4	65.4	121.4
85	57.2	41.6	77.3



#47
Tetrachloroethene
Concen: 5.284 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion:	164	Resp:	74337
Ion	Ratio	Lower	Upper
164	100		
129	104.5	71.0	131.9
131	102.6	70.3	130.7
166	128.6	89.8	166.8

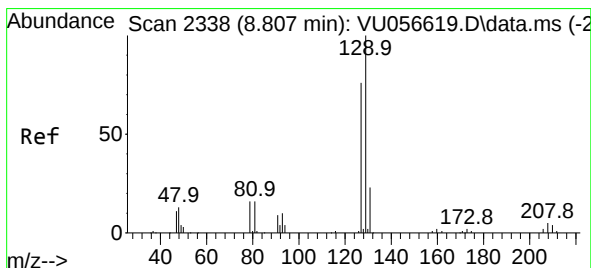
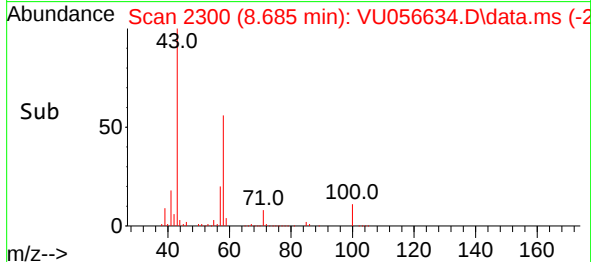
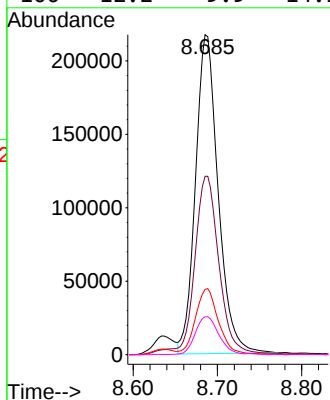
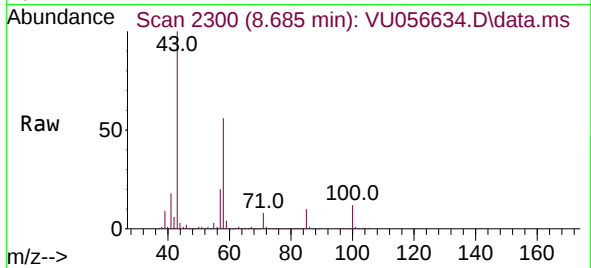




#48
2-Hexanone
Concen: 52.833 ug/L
RT: 8.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

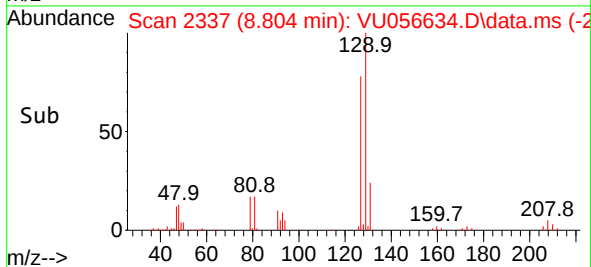
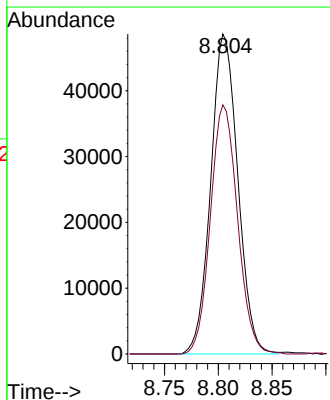
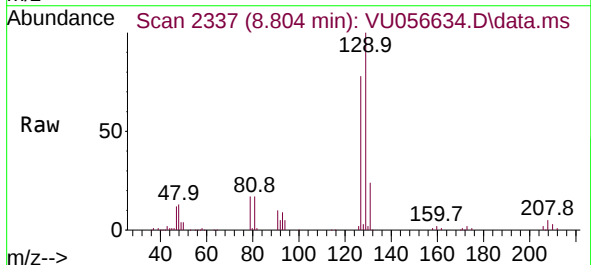
Instrument :
MSVOA_U
ClientSampleId :

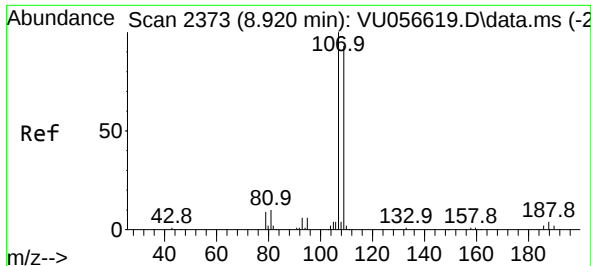
Tgt Ion: 43 Resp: 407395
Ion Ratio Lower Upper
43 100
58 60.5 48.7 73.1
57 21.3 16.8 25.2
100 12.2 9.9 14.9



#49
Dibromochloromethane
Concen: 5.632 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 129 Resp: 85172
Ion Ratio Lower Upper
129 100
127 77.9 52.9 98.3





#50

1,2-Dibromoethane

Concen: 5.421 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056634.D

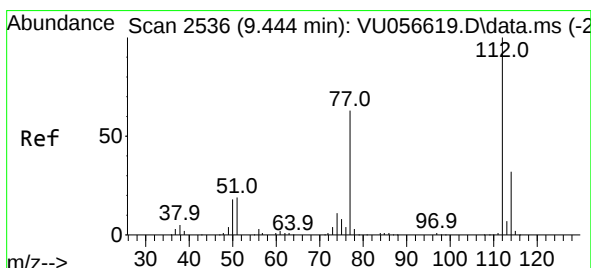
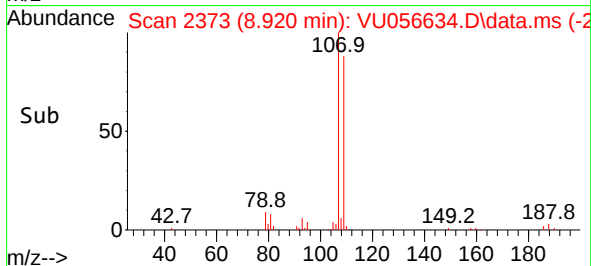
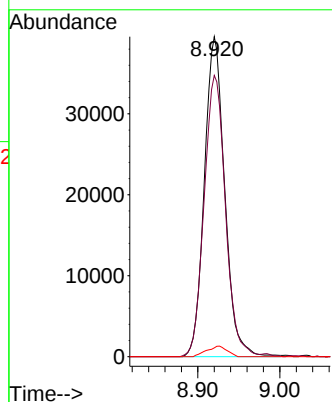
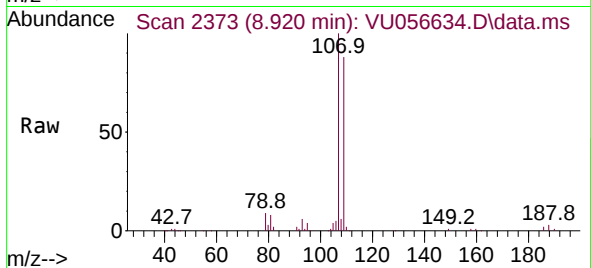
Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	68061
Ion Ratio	Lower	Upper	
107	100		
109	87.9	64.2	119.2
188	2.8	2.6	4.0



#51

Chlorobenzene

Concen: 5.427 ug/L

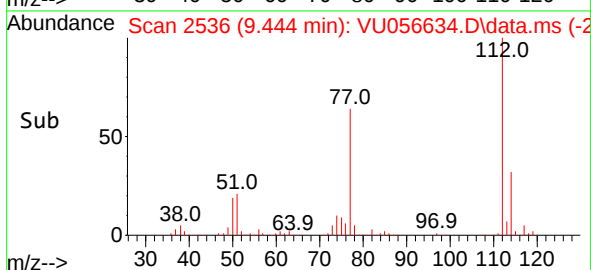
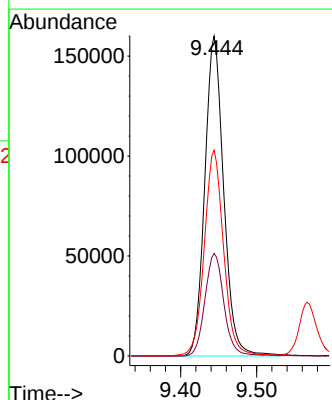
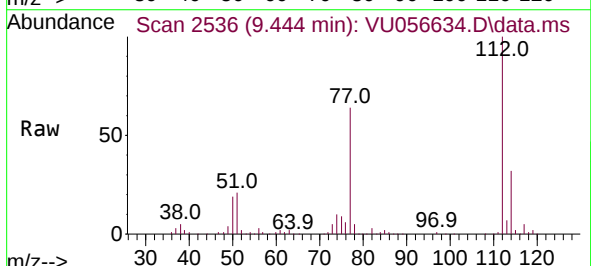
RT: 9.444 min Scan# 2536

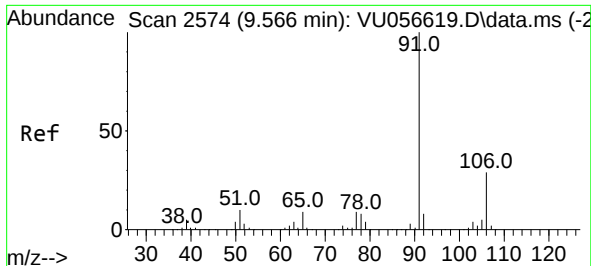
Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Tgt Ion:	112	Resp:	276407
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.5	41.7
77	64.3	51.7	77.5

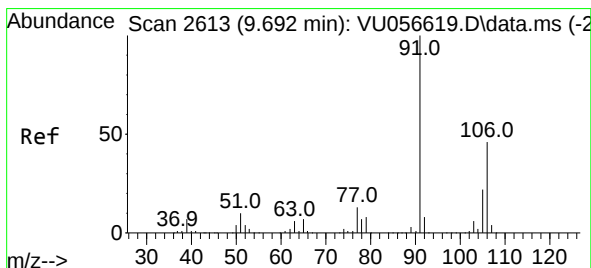
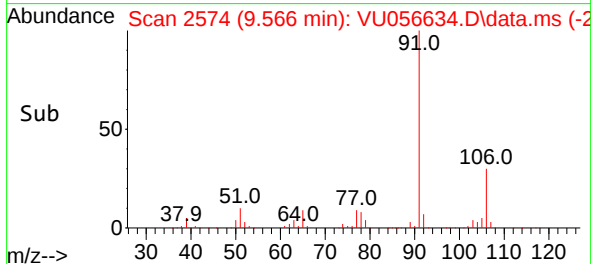
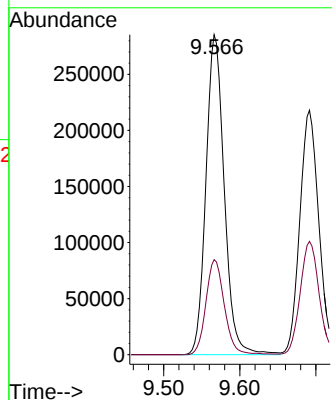
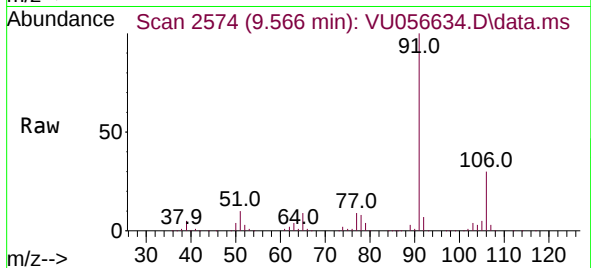




#52
Ethylbenzene
Concen: 5.418 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

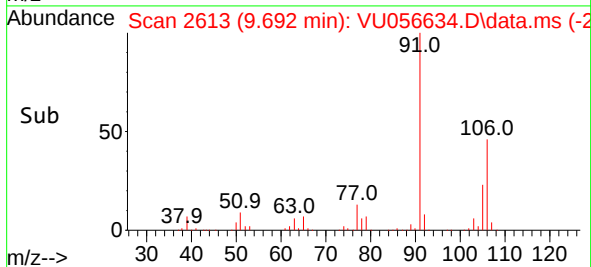
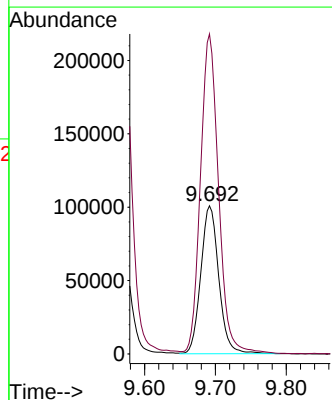
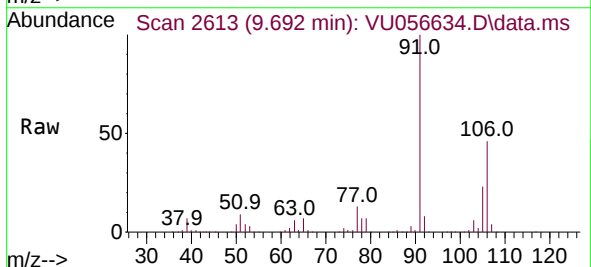
Instrument :
MSVOA_U
ClientSampleId :

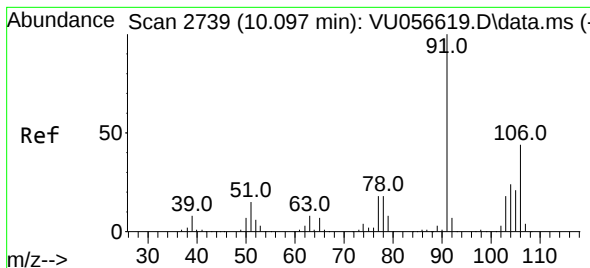
Tgt Ion: 91 Resp: 476914
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.493 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion: 106 Resp: 177769
Ion Ratio Lower Upper
106 100
91 215.9 149.6 277.8





#54

o-Xylene

Concen: 5.474 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

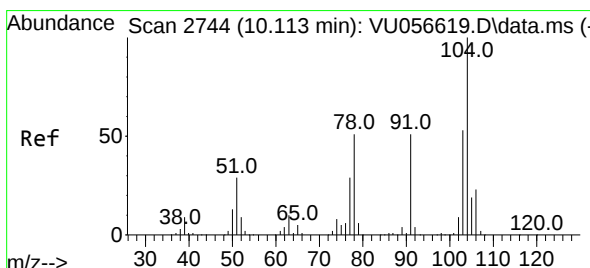
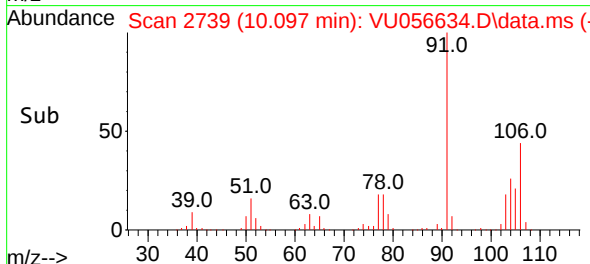
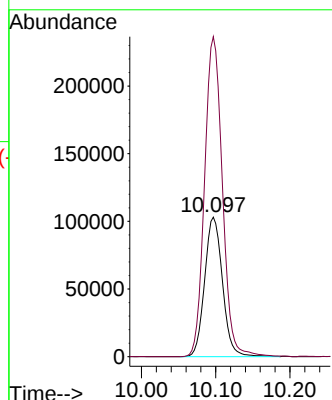
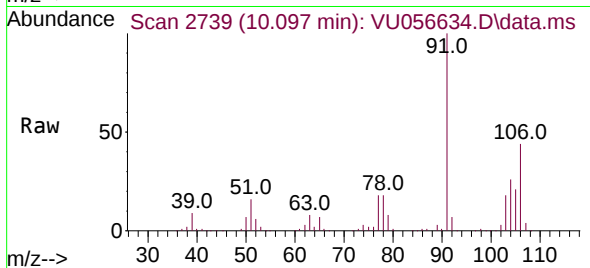
ClientSampleId :

Tgt Ion:106 Resp: 172055

Ion Ratio Lower Upper

106 100

91 229.4 159.3 295.9



#55

Styrene

Concen: 5.578 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU056634.D

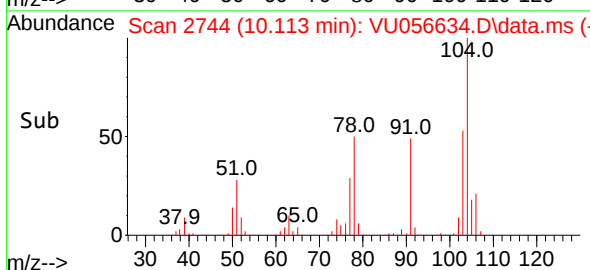
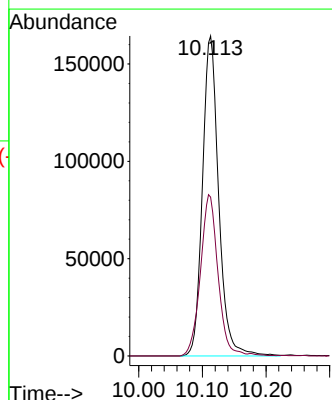
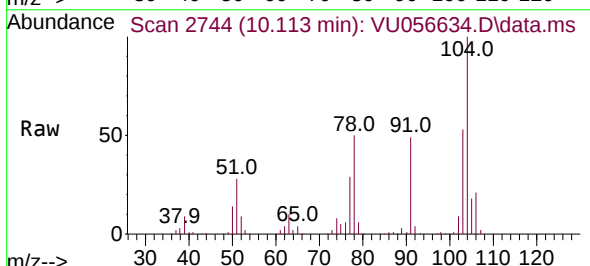
Acq: 29 Nov 2023 09:13

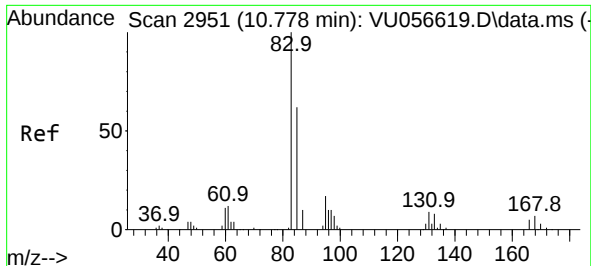
Tgt Ion:104 Resp: 291680

Ion Ratio Lower Upper

104 100

78 49.7 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.631 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056634.D

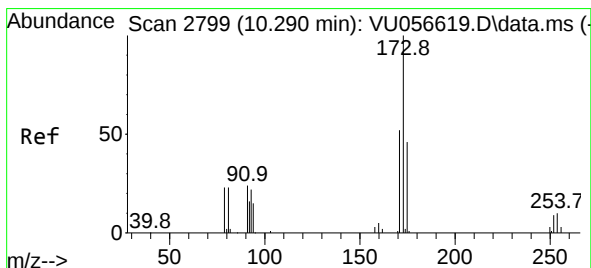
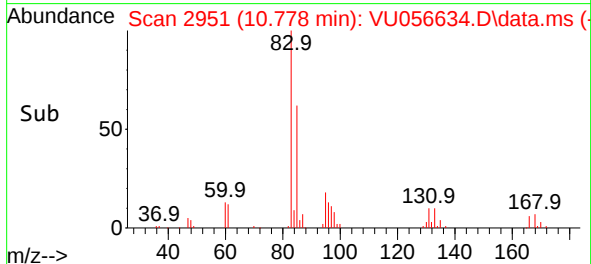
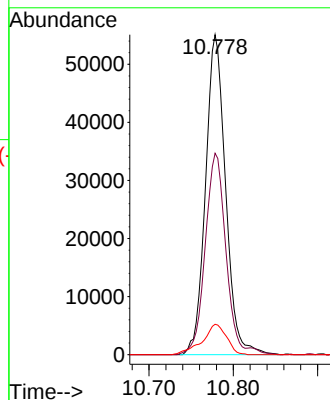
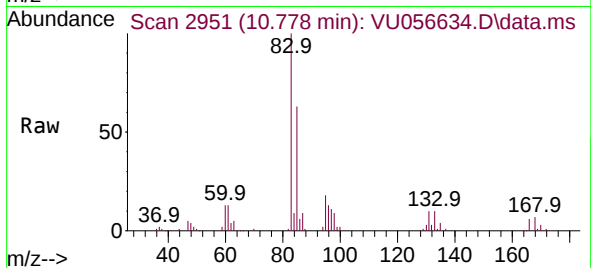
Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	91435
Ion	Ratio	Lower	Upper
83	100		
85	62.9	46.3	86.1
131	9.5	6.7	10.1



#59

Bromoform

Concen: 5.809 ug/L

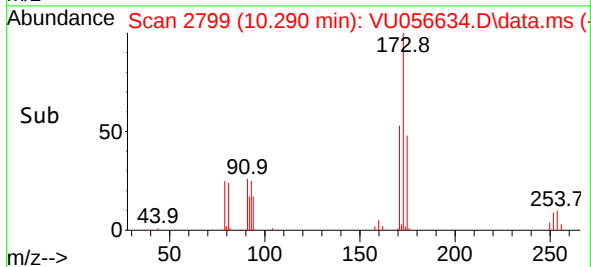
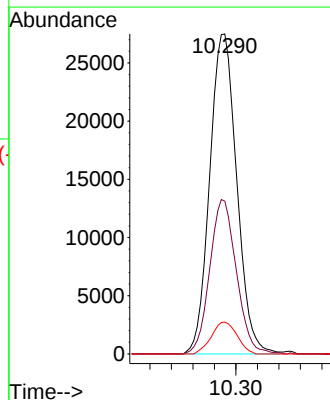
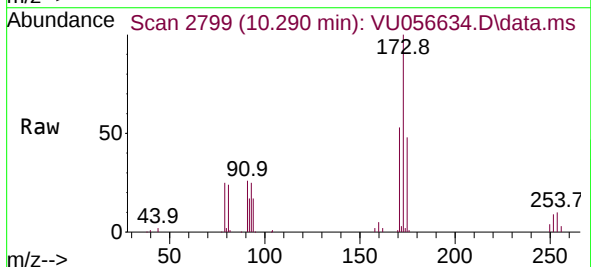
RT: 10.290 min Scan# 2799

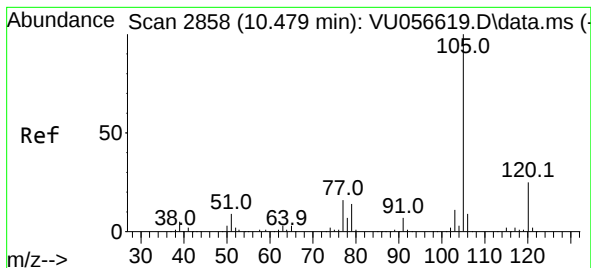
Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Tgt Ion:	173	Resp:	48045
Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.9	58.3
254	9.4	6.7	10.1





#60

Isopropylbenzene

Concen: 5.567 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

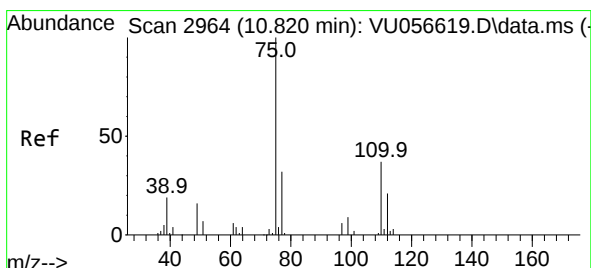
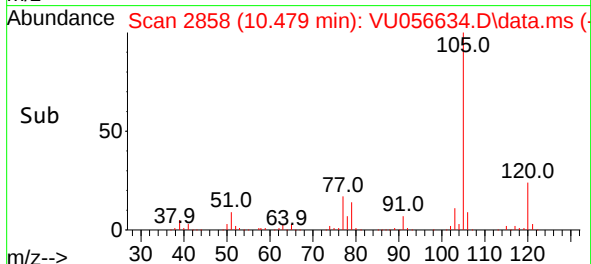
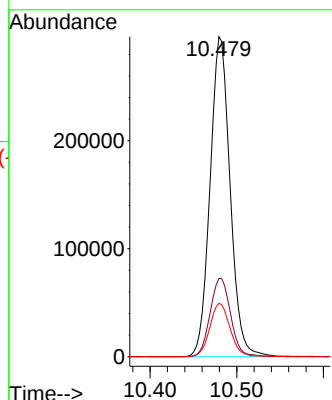
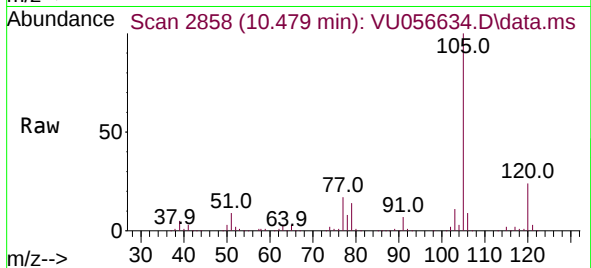
Tgt Ion:105 Resp: 476651

Ion Ratio Lower Upper

105 100

120 25.0 20.4 30.6

77 17.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.697 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

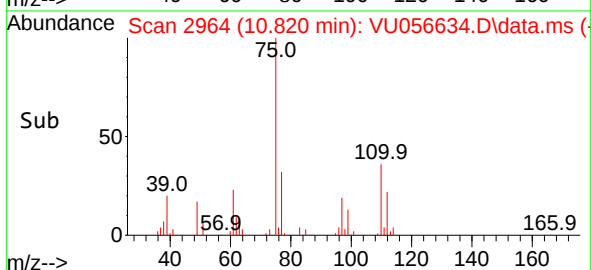
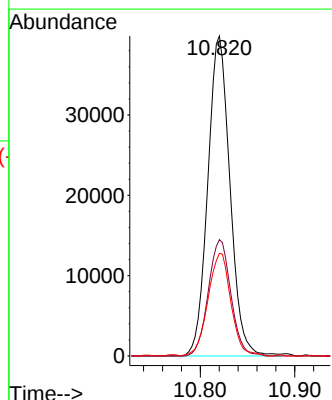
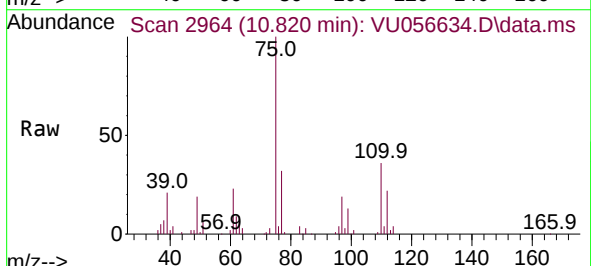
Tgt Ion: 75 Resp: 64906

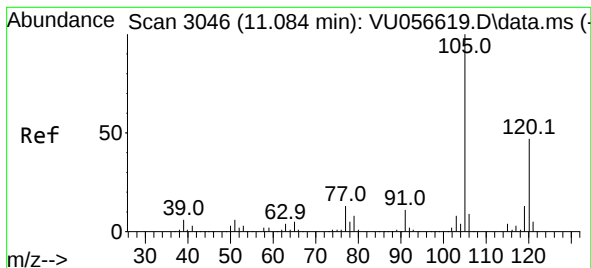
Ion Ratio Lower Upper

75 100

110 37.0 30.4 45.6

77 33.1 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.476 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

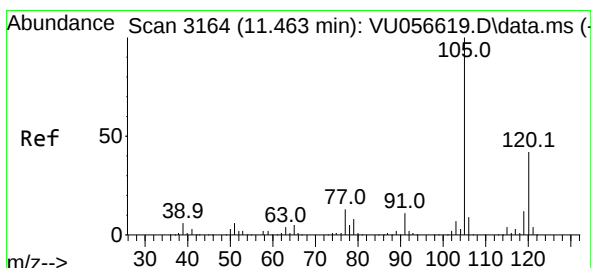
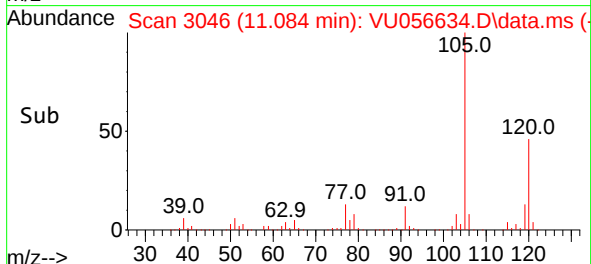
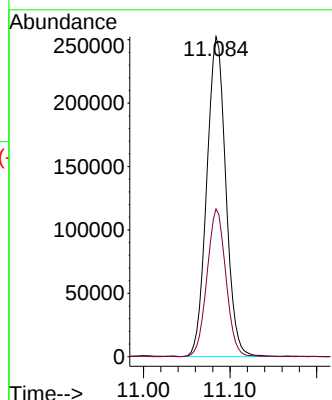
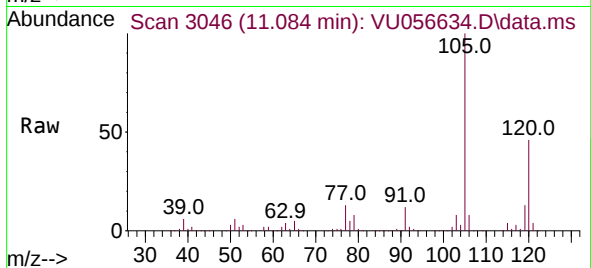
ClientSampleId :

Tgt Ion:105 Resp: 385018

Ion Ratio Lower Upper

105 100

120 45.9 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.665 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056634.D

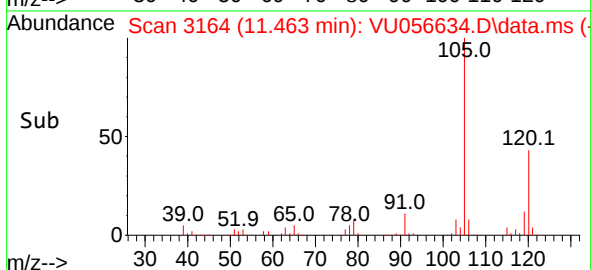
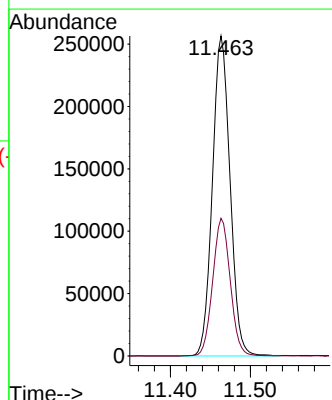
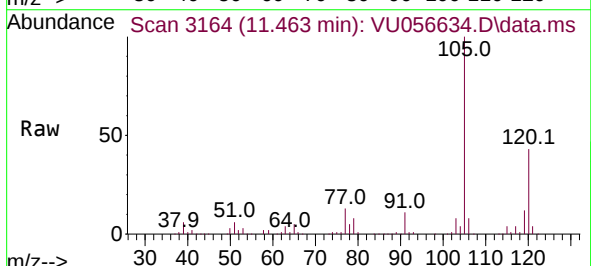
Acq: 29 Nov 2023 09:13

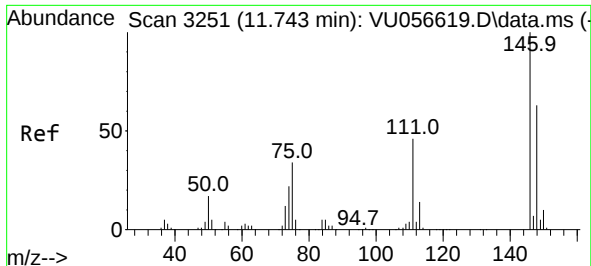
Tgt Ion:105 Resp: 393119

Ion Ratio Lower Upper

105 100

120 42.9 34.0 51.0

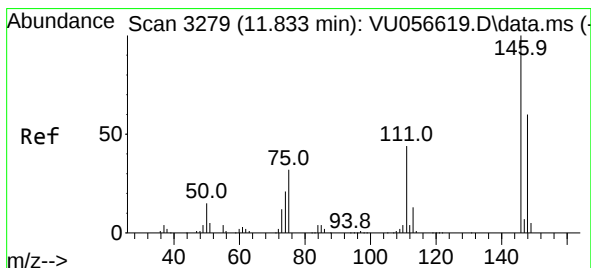
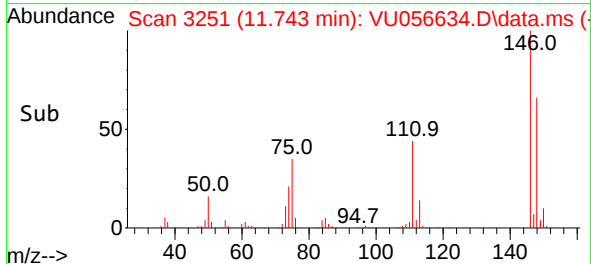
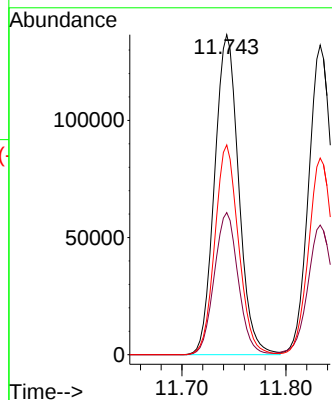
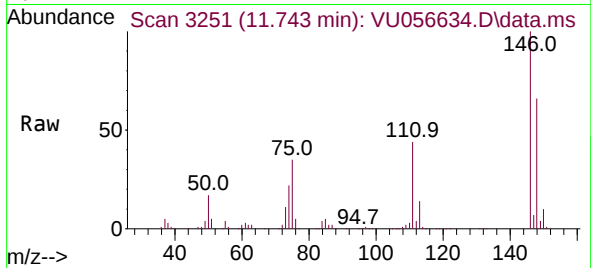




#64
1,3-Dichlorobenzene
Concen: 5.664 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

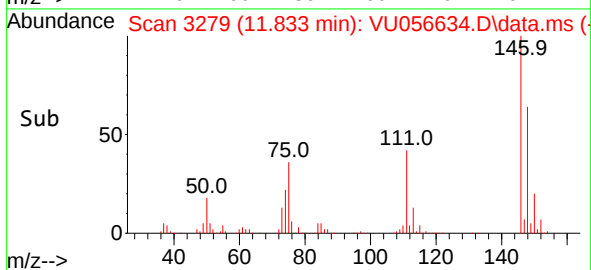
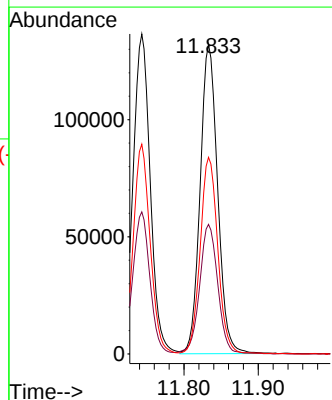
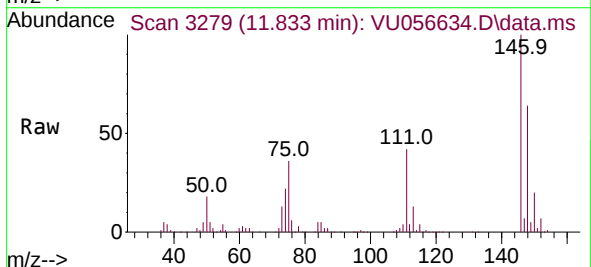
Instrument :
MSVOA_U
ClientSampleId :

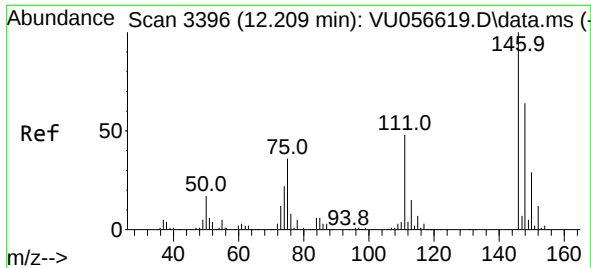
Tgt Ion:146 Resp: 220624
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.7
148 65.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.532 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion:146 Resp: 216116
Ion Ratio Lower Upper
146 100
111 41.8 30.5 56.7
148 63.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.591 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

Instrument :

MSVOA_U

ClientSampleId :

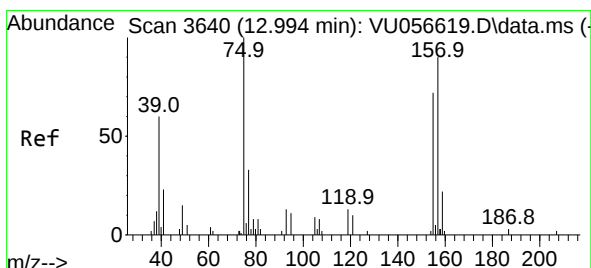
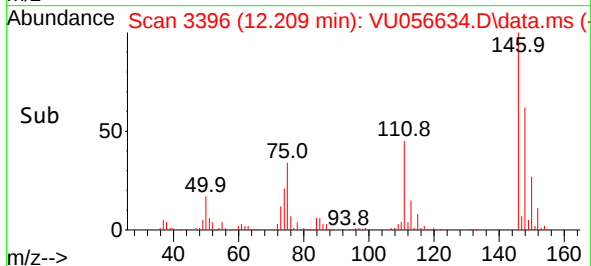
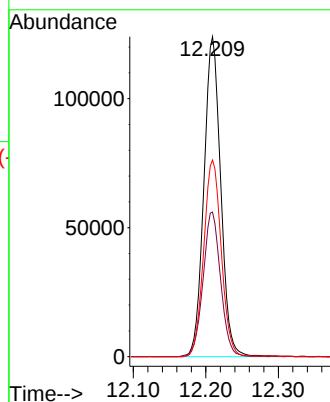
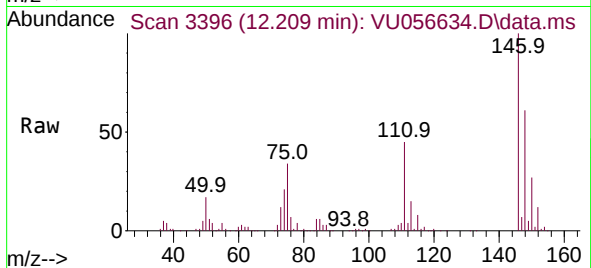
Tgt Ion:146 Resp: 199774

Ion Ratio Lower Upper

146 100

111 45.2 38.3 57.5

148 61.5 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.592 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056634.D

Acq: 29 Nov 2023 09:13

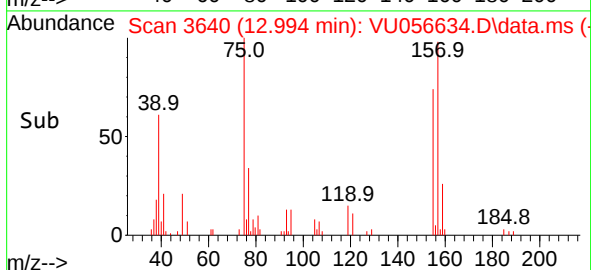
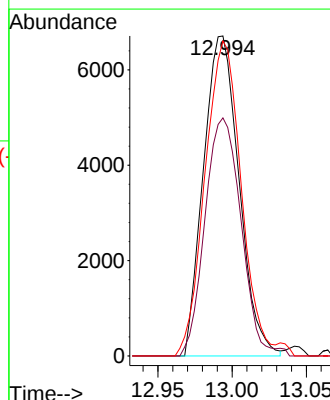
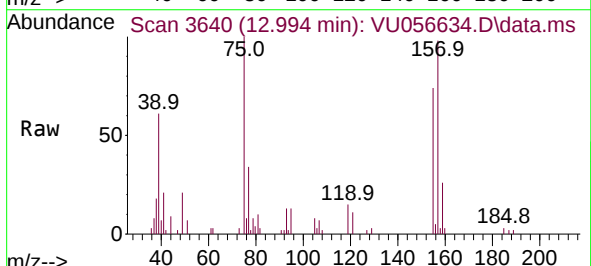
Tgt Ion: 75 Resp: 11173

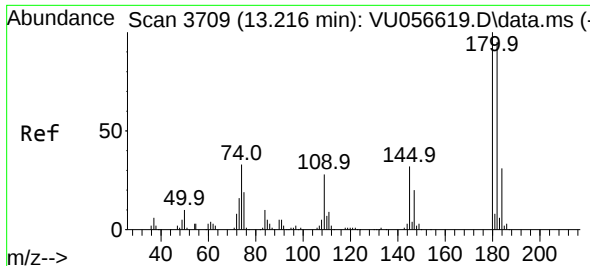
Ion Ratio Lower Upper

75 100

155 74.4 62.4 93.6

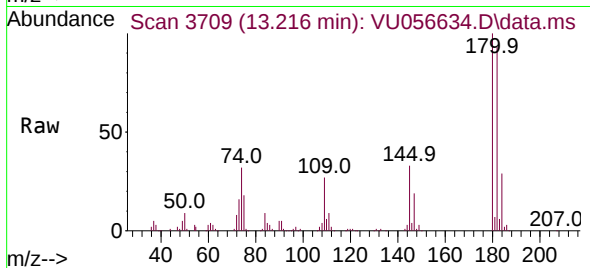
157 98.5 80.2 120.2



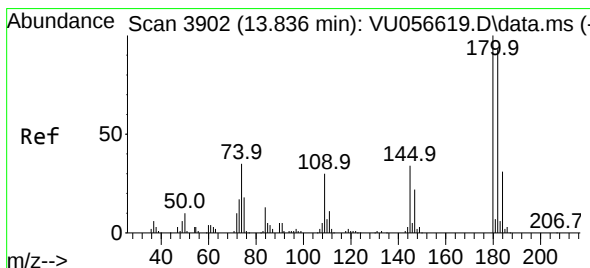
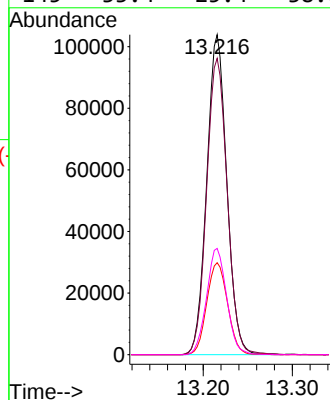
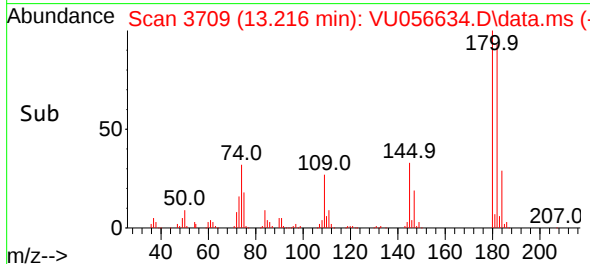


#69
 1,3,5-Trichlorobenzene
 Concen: 5.529 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13

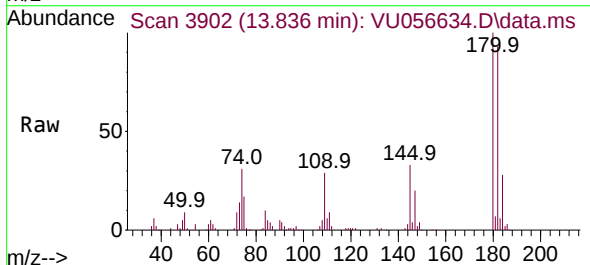
Instrument :
 MSVOA_U
 ClientSampleId :



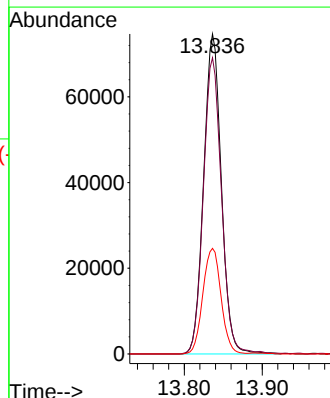
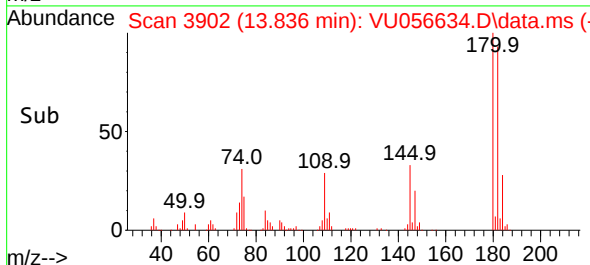
Tgt Ion:180 Resp: 162131
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 29.8 23.5 35.3
 145 33.4 25.4 38.0

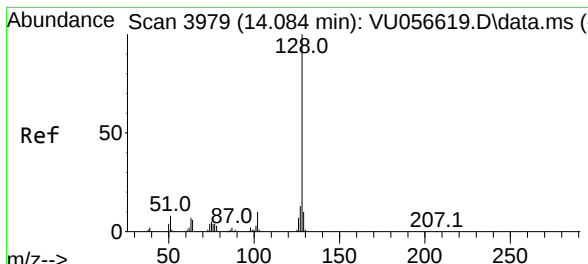


#70
 1,2,4-trichlorobenzene
 Concen: 4.932 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056634.D
 Acq: 29 Nov 2023 09:13



Tgt Ion:180 Resp: 117790
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.2
 145 33.9 26.8 40.2

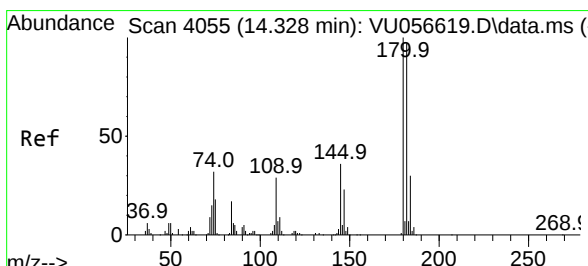
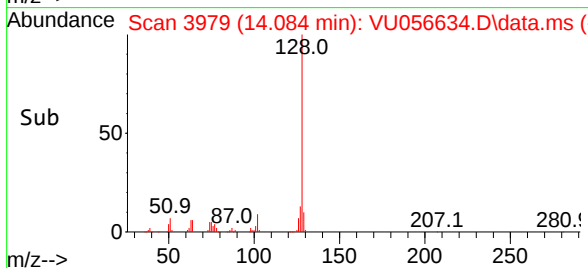
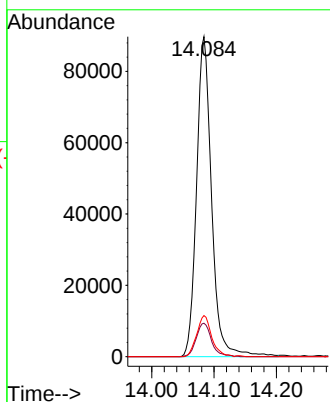
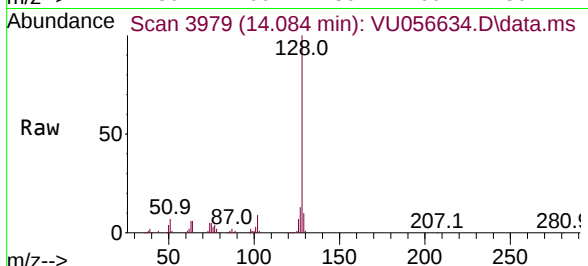




#71
Naphthalene
Concen: 4.171 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	150515
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.8	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.752 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VU056634.D
Acq: 29 Nov 2023 09:13

Tgt Ion:	180	Resp:	93506
Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.6	117.8
145	35.2	29.0	43.6

