

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056417.D
 Acq On : 16 Nov 2023 19:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:40:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	272464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85375	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.904	69	68587	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	38110	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	220539	54.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	5.055	84	190258	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	90893	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	348388	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.685	67	110282	4.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	307154	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	43037	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	193874	53.811	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85290	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109565	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	113355	5.251	ug/L	96
3) Chloromethane	1.515	50	119054	5.397	ug/L	96
5) Vinyl chloride	1.599	62	113705	5.349	ug/L	100
6) Bromomethane	1.850	94	52315	4.863	ug/L	98
8) Chloroethane	1.927	64	67730	5.216	ug/L	98
9) Trichlorofluoromethane	2.133	101	160128	5.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	99241	5.457	ug/L	99
12) 1,1-Dichloroethene	2.573	96	87849	5.267	ug/L	96
13) Acetone	2.628	43	152114	43.950	ug/L	98
14) Carbon disulfide	2.788	76	256099	4.719	ug/L	98
15) Methyl Acetate	2.946	43	34040	5.527	ug/L	98
16) Methylene chloride	3.039	84	112742	5.108	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	228157	5.630	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	93692	5.460	ug/L	99
19) 1,1-Dichloroethane	3.862	63	189925	5.587	ug/L	98
21) 2-Butanone	4.698	43	226735	50.486	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	107394	5.518	ug/L	97
23) Bromochloromethane	4.968	128	44903	5.605	ug/L	98
25) Chloroform	5.081	83	203491	5.525	ug/L	97

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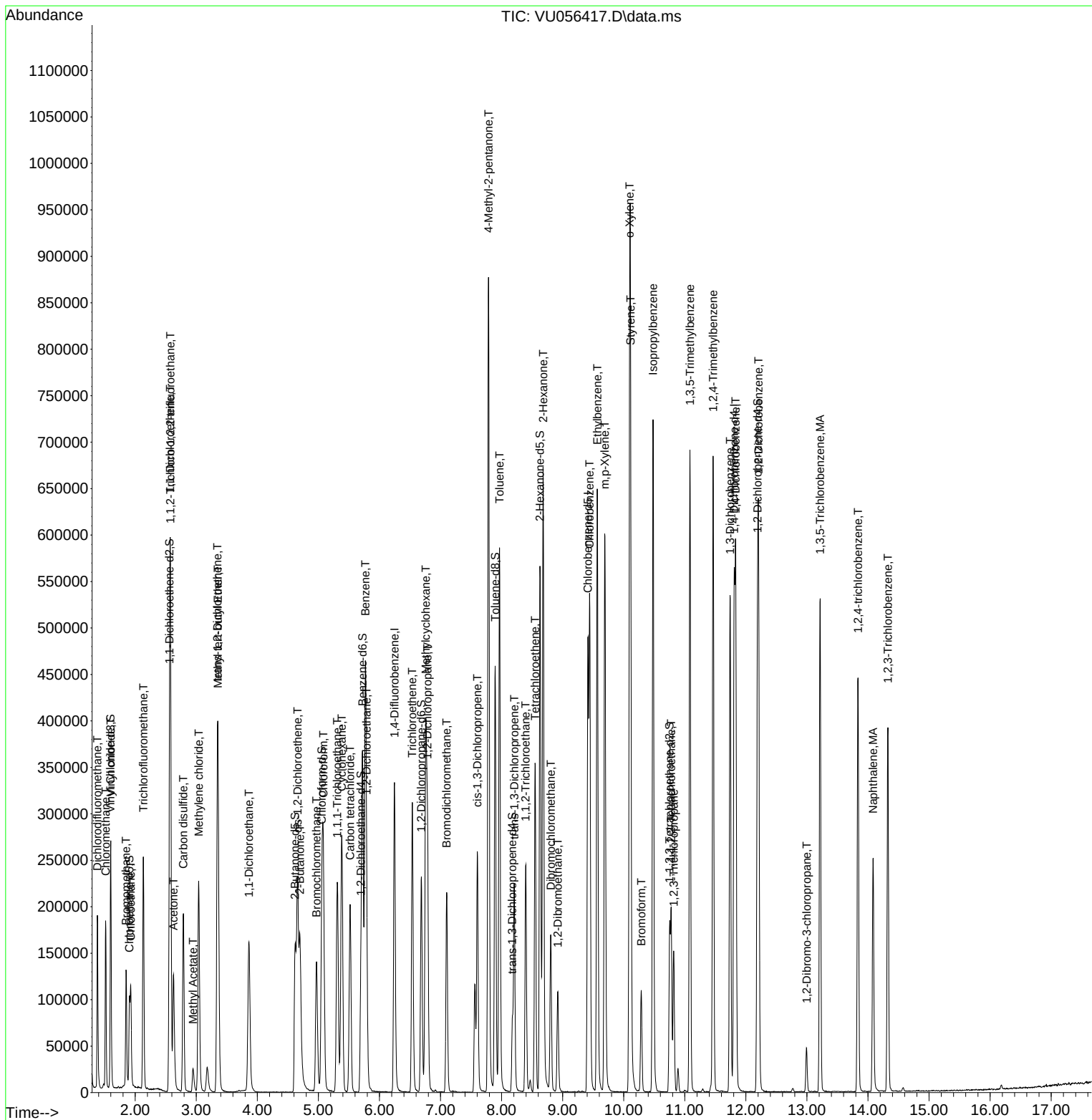
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 ClientSampleId :

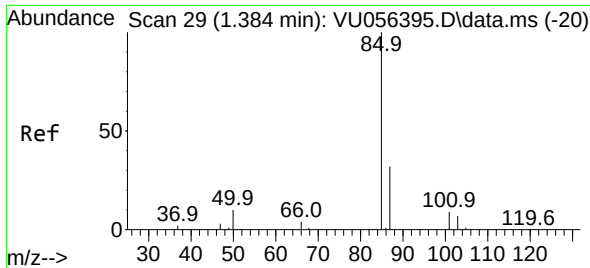
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	119726	5.726	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	172417	5.642	ug/L	99
30) Cyclohexane	5.380	56	142175	4.902	ug/L	99
31) Carbon tetrachloride	5.518	117	140709	5.361	ug/L	97
33) Benzene	5.769	78	408638	5.380	ug/L	100
34) Trichloroethene	6.538	95	111036	5.365	ug/L	96
35) Methylcyclohexane	6.759	83	148913	4.984	ug/L	99
37) 1,2-Dichloropropane	6.785	63	108302	5.467	ug/L	100
38) Bromodichloromethane	7.100	83	142817	5.585	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	156845	5.389	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	545862	55.590	ug/L	98
42) Toluene	7.965	91	431574	5.488	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	130309	5.616	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	74806	5.670	ug/L	99
47) Tetrachloroethene	8.550	164	76248	5.464	ug/L	98
48) 2-Hexanone	8.679	43	407845	53.315	ug/L	98
49) Dibromochloromethane	8.804	129	87286	5.818	ug/L	99
50) 1,2-Dibromoethane	8.920	107	70977	5.699	ug/L	99
51) Chlorobenzene	9.441	112	272118	5.385	ug/L	100
52) Ethylbenzene	9.566	91	474873	5.438	ug/L	100
53) m,p-Xylene	9.689	106	177918	5.542	ug/L	100
54) o-Xylene	10.097	106	173596	5.567	ug/L	98
55) Styrene	10.113	104	299750	5.779	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	93656	5.814	ug/L	97
59) Bromoform	10.287	173	49260	5.801	ug/L #	98
60) Isopropylbenzene	10.480	105	467978	5.323	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65178	5.572	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	382207	5.295	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	384464	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	216863	5.423	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	213554	5.324	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	202064	5.507	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13106	5.246	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	161476	5.363	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	130035	5.302	ug/L	96
71) Naphthalene	14.084	128	210126	5.671	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	116639	5.774	ug/L	97

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

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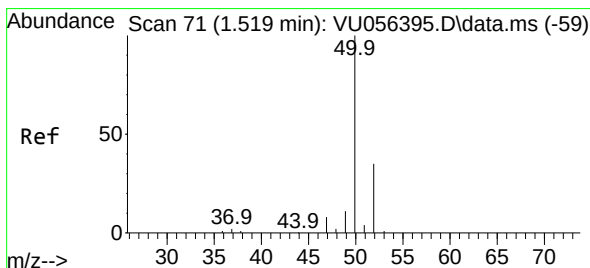
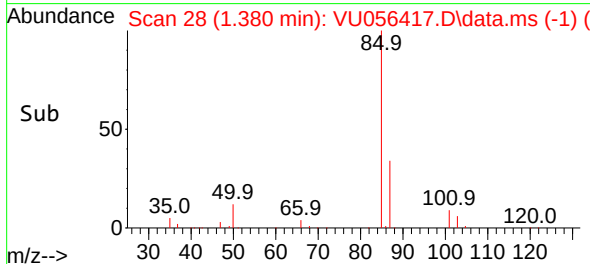
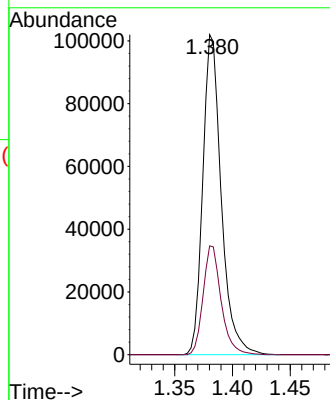
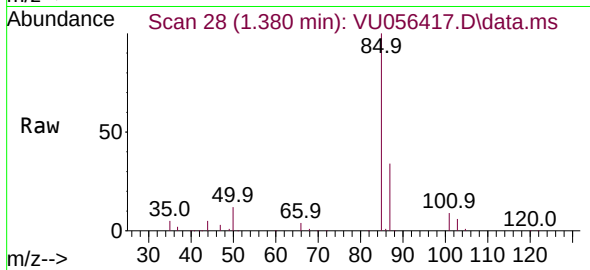




#2
Dichlorodifluoromethane
Concen: 5.251 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

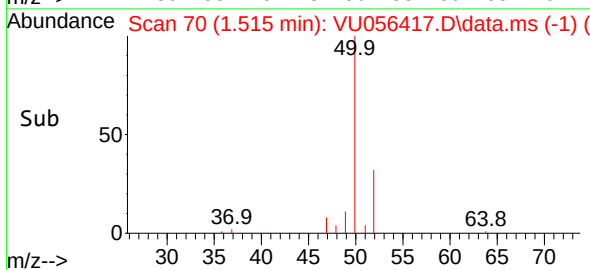
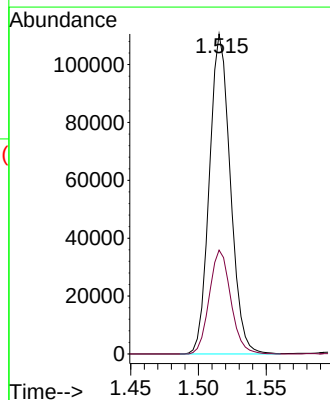
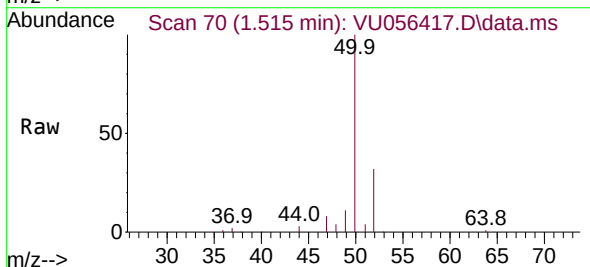
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MSVOA_U
ClientSampleId :

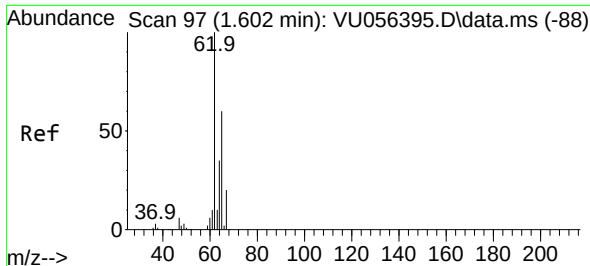
Tgt Ion: 85 Resp: 113355
Ion Ratio Lower Upper
85 100
87 33.2 25.0 37.4



#3
Chloromethane
Concen: 5.397 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 50 Resp: 119054
Ion Ratio Lower Upper
50 100
52 32.5 24.3 45.1

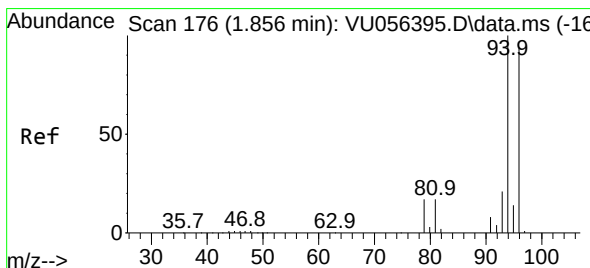
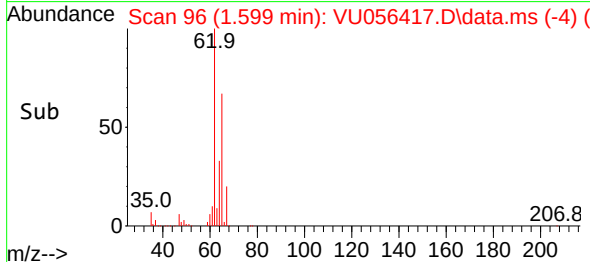
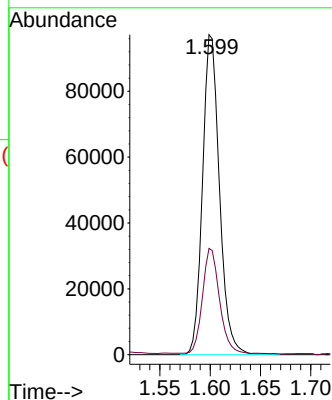
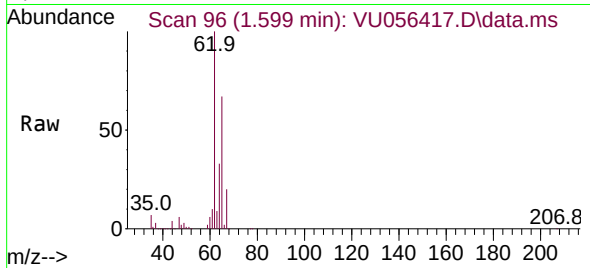




#5
 Vinyl chloride
 Concen: 5.349 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

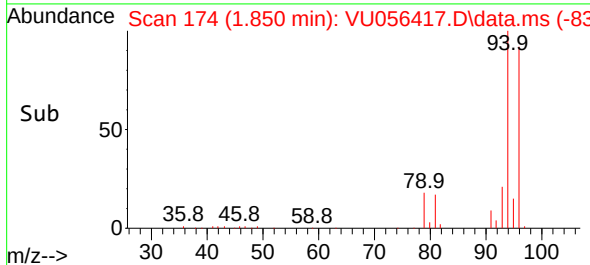
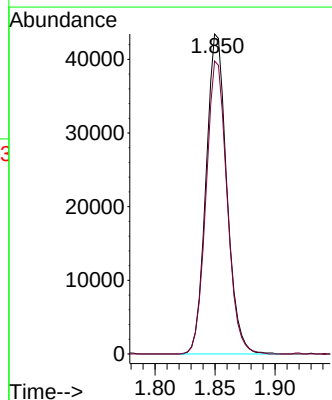
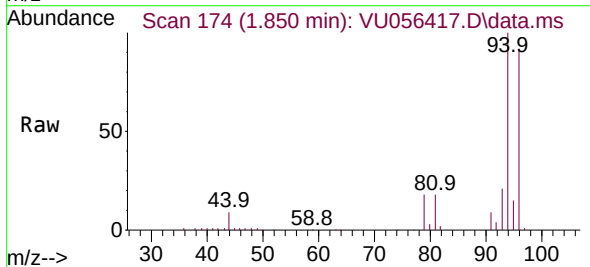
Instrument :
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 ClientSampleId :

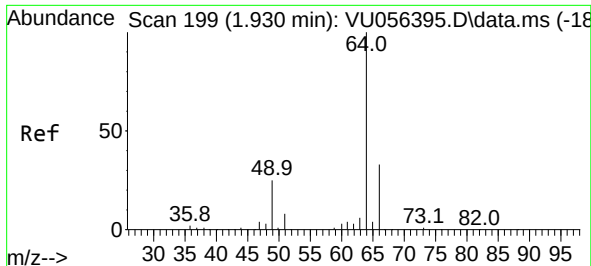
Tgt Ion: 62 Resp: 113705
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.3 43.3



#6
 Bromomethane
 Concen: 4.863 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.007 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

Tgt Ion: 94 Resp: 52315
 Ion Ratio Lower Upper
 94 100
 96 91.5 62.6 116.2

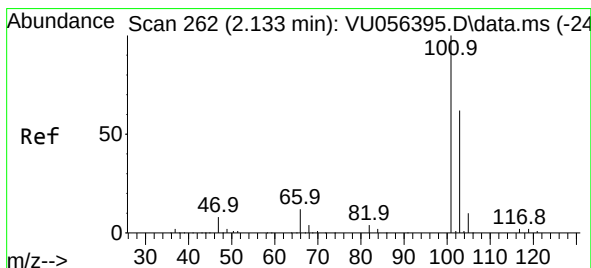
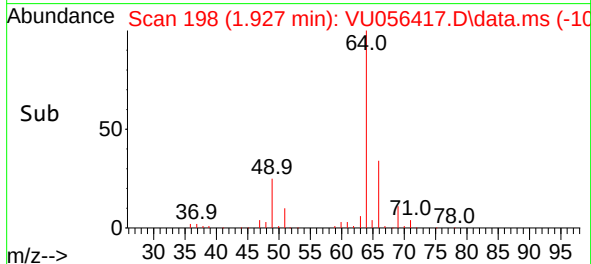
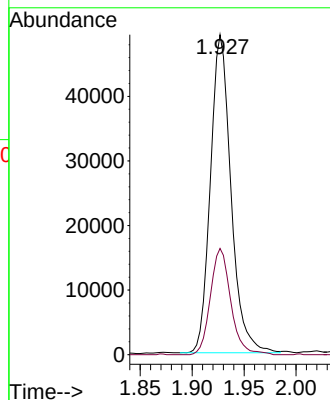
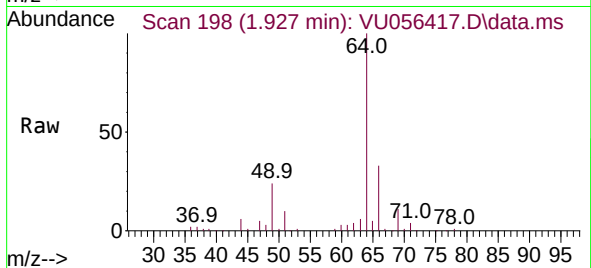




#8
Chloroethane
Concen: 5.216 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

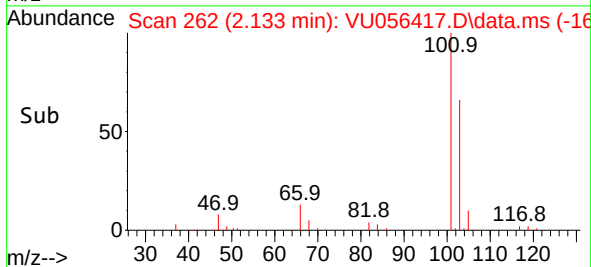
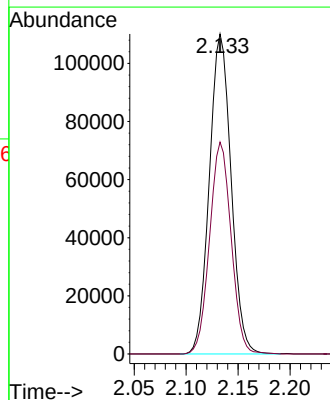
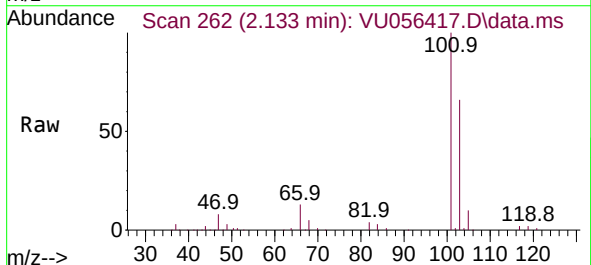
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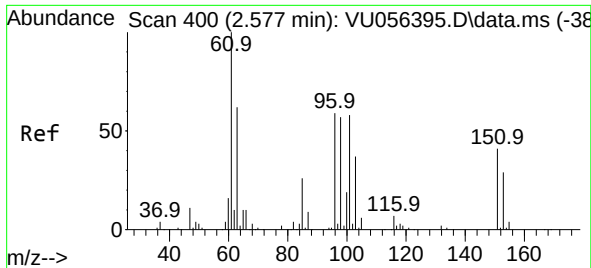
Tgt Ion: 64 Resp: 67730
Ion Ratio Lower Upper
64 100
66 33.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.228 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 101 Resp: 160128
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

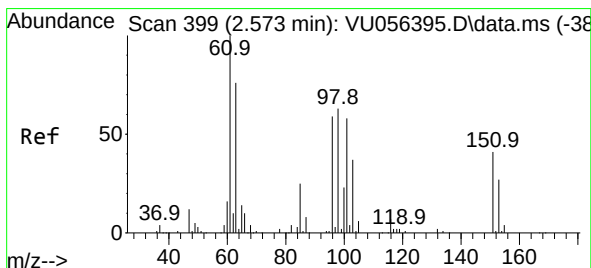
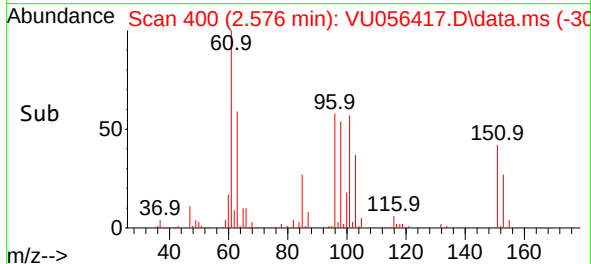
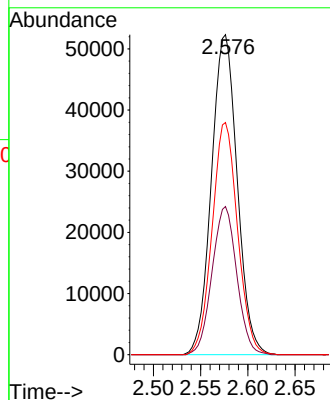
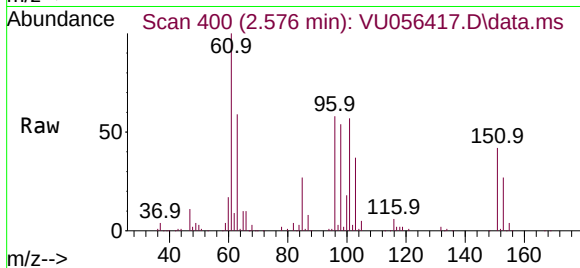




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.457 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056417.D
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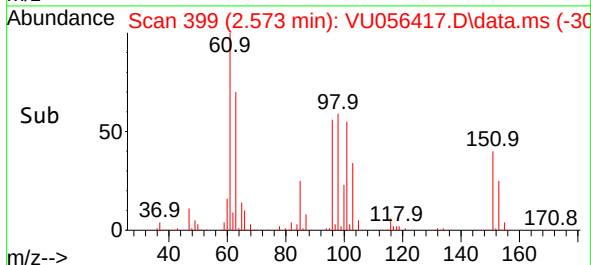
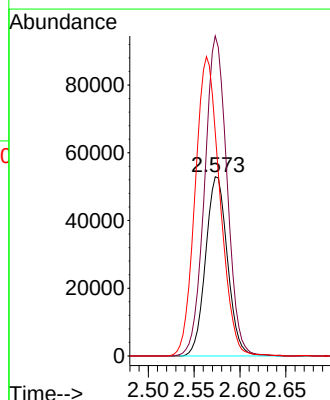
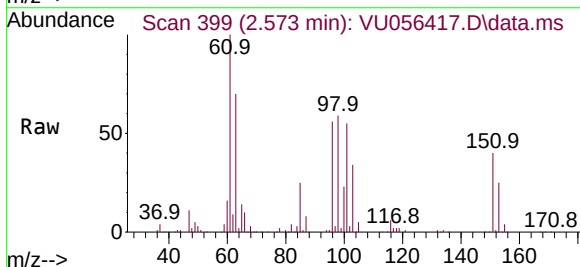
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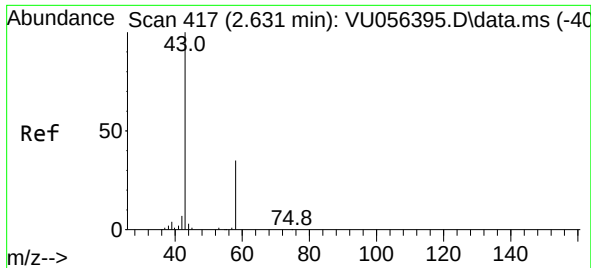
Tgt Ion:101 Resp: 99241
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 71.6 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.267 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 96 Resp: 87849
Ion Ratio Lower Upper
96 100
61 178.5 123.1 228.7
63 124.7 93.3 173.3





#13

Acetone

Concen: 43.950 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

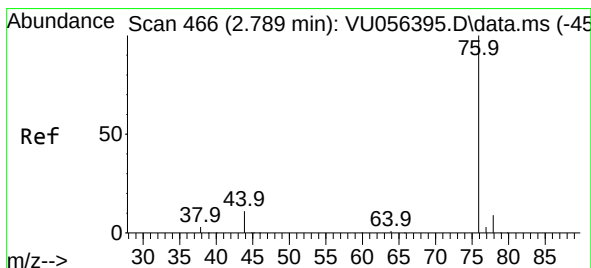
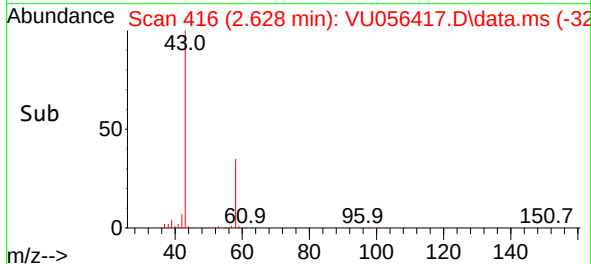
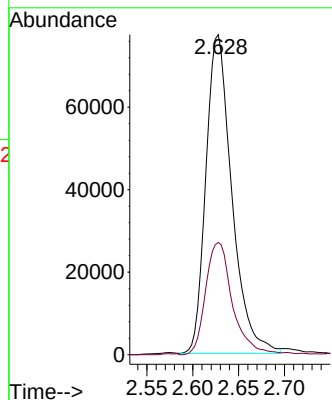
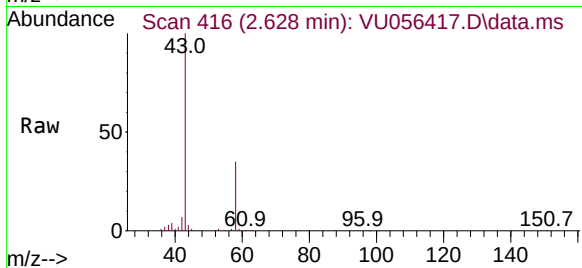
ClientSampleId :

Tgt Ion: 43 Resp: 152114

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.0



#14

Carbon disulfide

Concen: 4.719 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056417.D

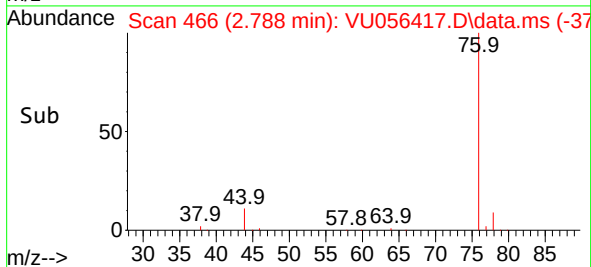
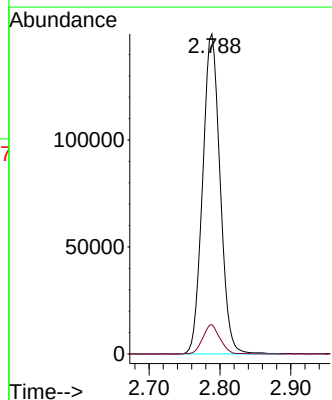
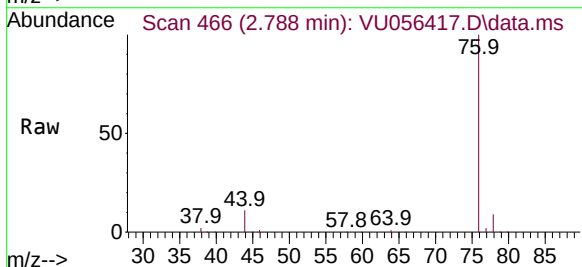
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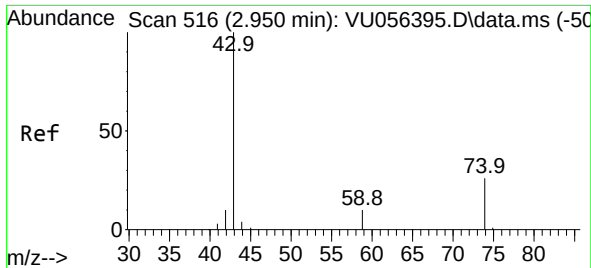
Tgt Ion: 76 Resp: 256099

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

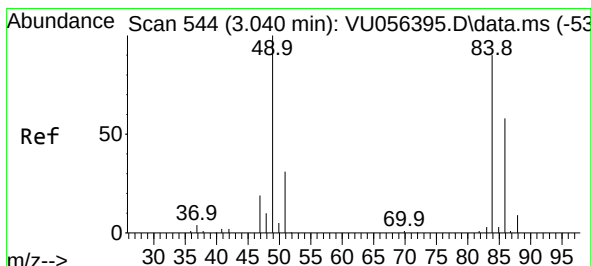
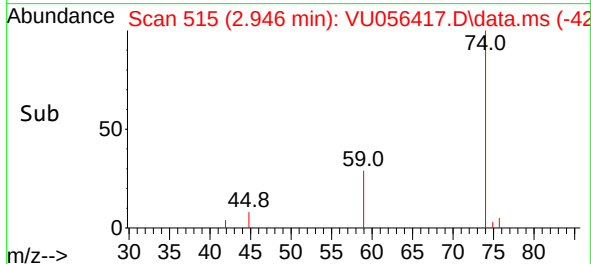
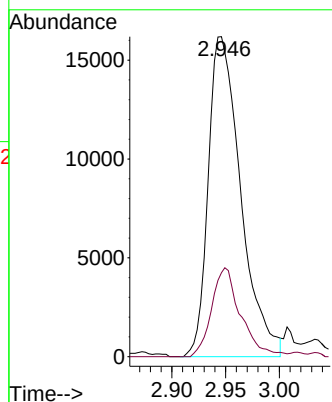
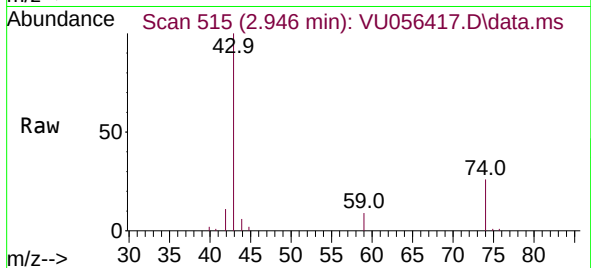




#15
Methyl Acetate
Concen: 5.527 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

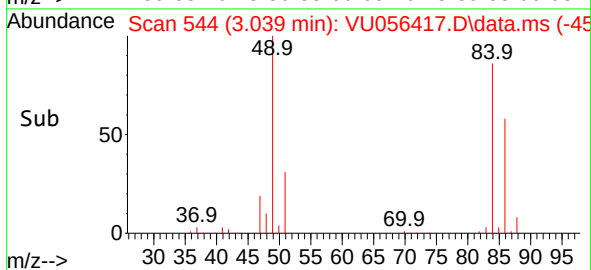
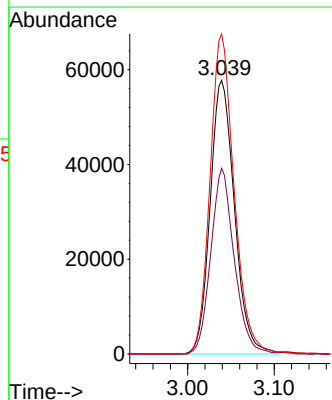
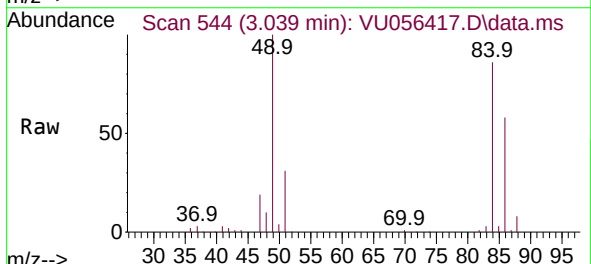
Instrument :
MSVOA_U
ClientSampleId :

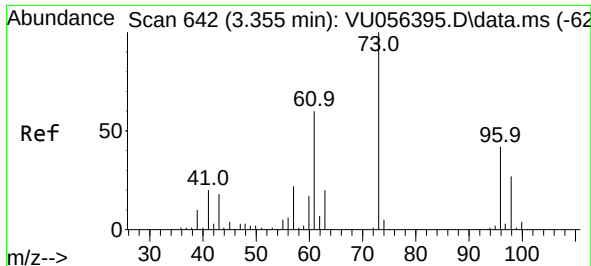
Tgt Ion: 43 Resp: 34040
Ion Ratio Lower Upper
43 100
74 24.8 20.6 31.0



#16
Methylene chloride
Concen: 5.108 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 84 Resp: 112742
Ion Ratio Lower Upper
84 100
86 67.8 44.7 83.1
49 116.9 81.8 152.0

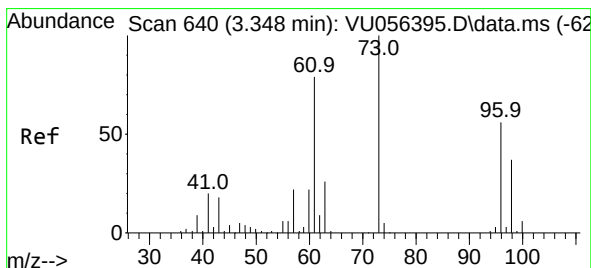
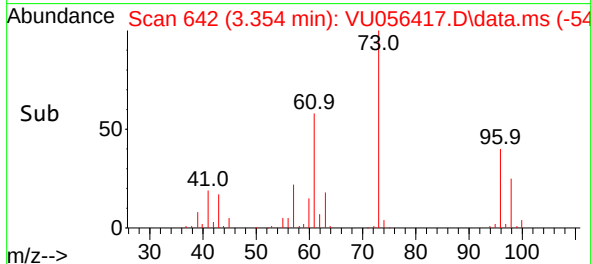
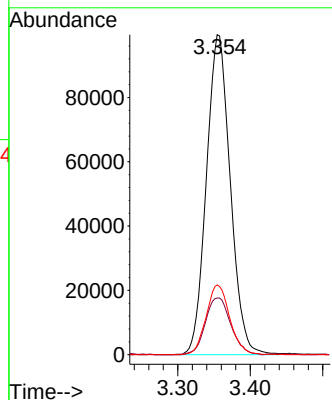
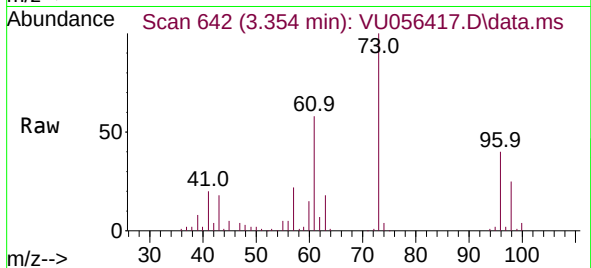




#17
Methyl tert-butyl Ether
Concen: 5.630 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

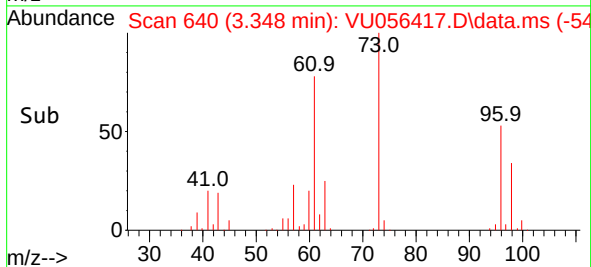
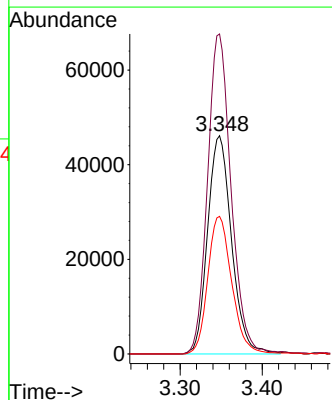
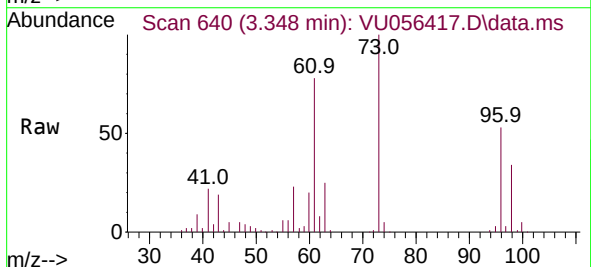
Instrument :
MSVOA_U
ClientSampleId :

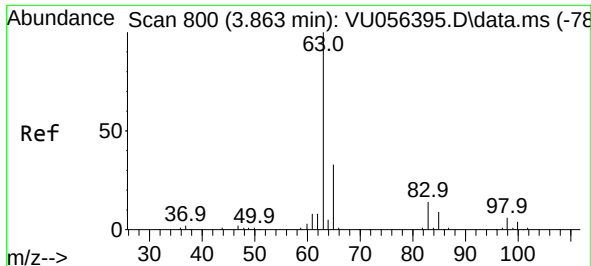
Tgt Ion: 73 Resp: 228157
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.460 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 96 Resp: 93692
Ion Ratio Lower Upper
96 100
61 146.6 101.7 188.9
98 63.0 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.587 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

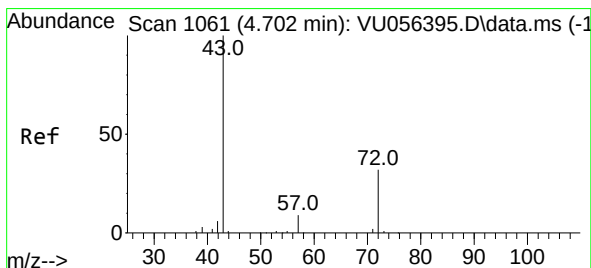
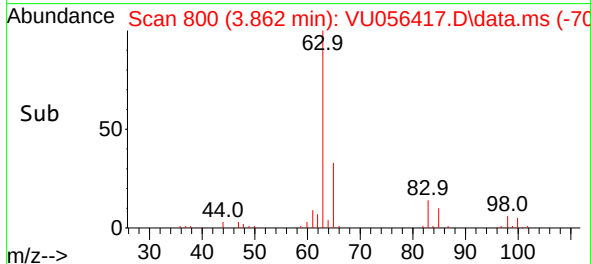
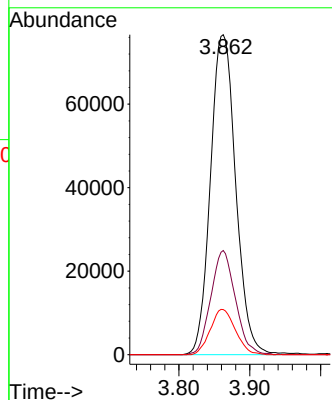
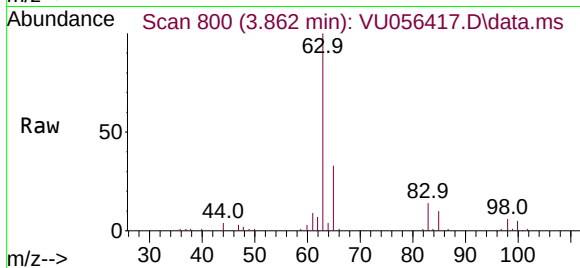
Tgt Ion: 63 Resp: 189925

Ion Ratio Lower Upper

63 100

65 32.6 21.8 40.6

83 14.1 9.7 17.9



#21

2-Butanone

Concen: 50.486 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU056417.D

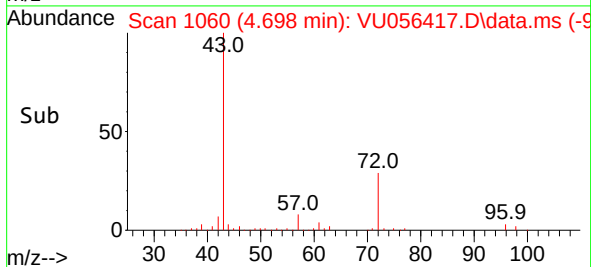
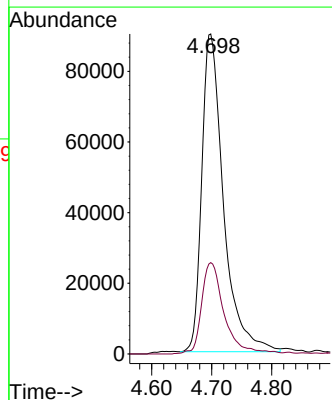
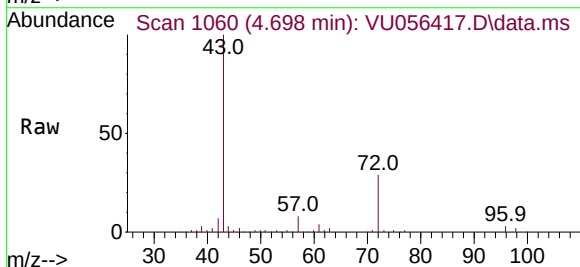
Acq: 16 Nov 2023 19:35

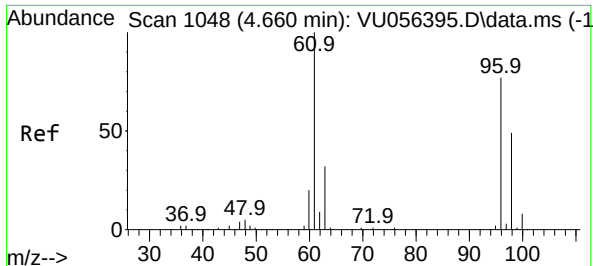
Tgt Ion: 43 Resp: 226735

Ion Ratio Lower Upper

43 100

72 29.6 14.2 42.6

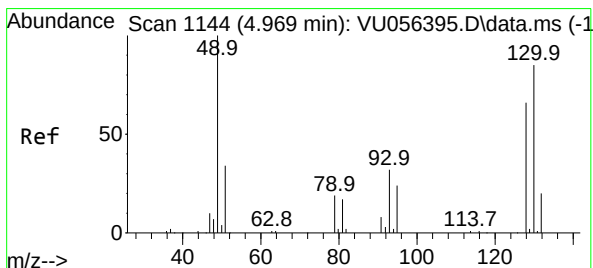
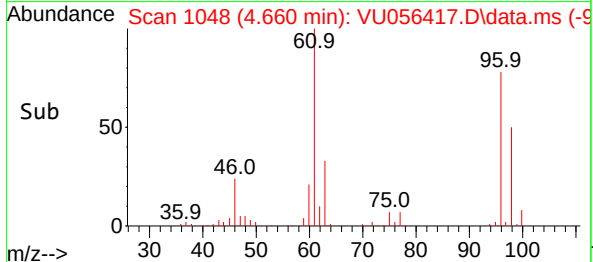
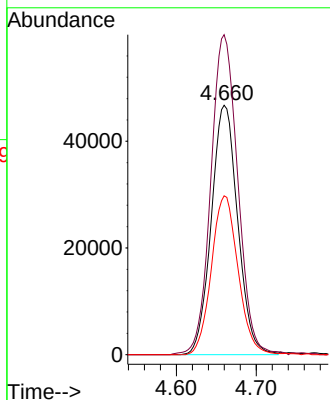
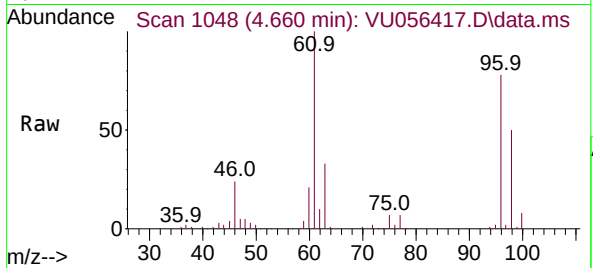




#22
 cis-1,2-Dichloroethene
 Concen: 5.518 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

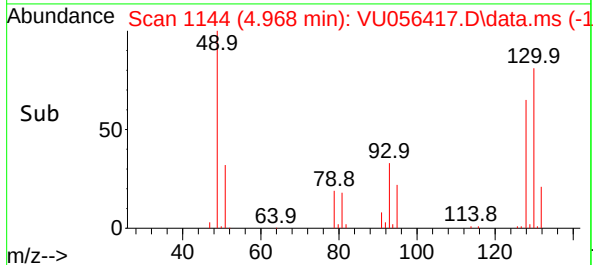
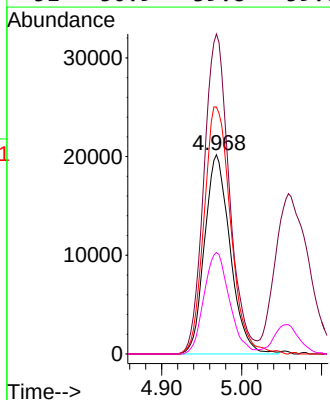
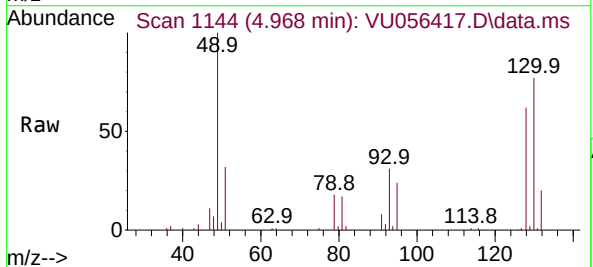
Instrument :
 MSVOA_U
 ClientSampleId :

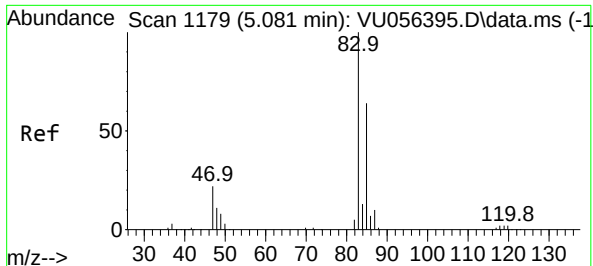
Tgt Ion: 96 Resp: 107394
 Ion Ratio Lower Upper
 96 100
 61 128.3 93.2 173.2
 98 63.7 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.605 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

Tgt Ion: 128 Resp: 44903
 Ion Ratio Lower Upper
 128 100
 49 160.6 113.4 210.6
 130 123.9 84.8 157.6
 51 50.9 39.8 59.6





#25

Chloroform

Concen: 5.525 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

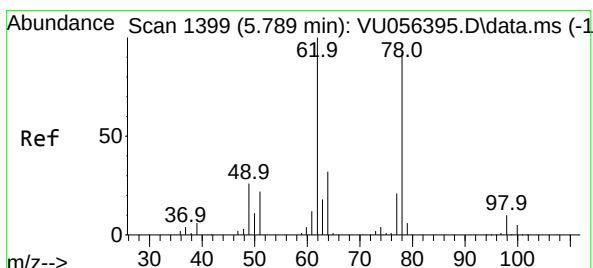
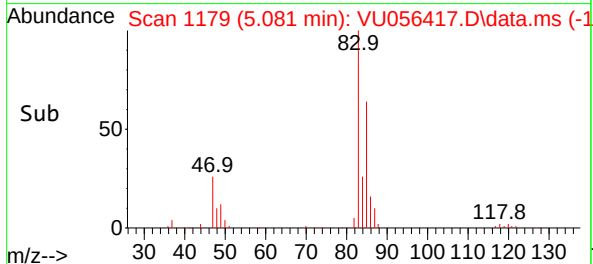
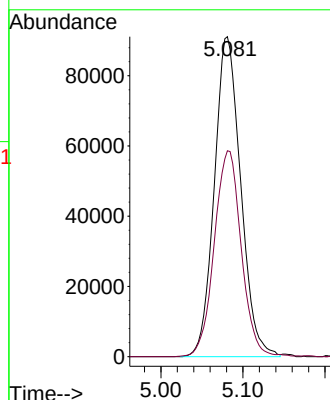
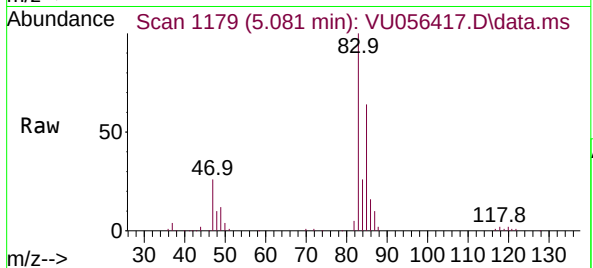
ClientSampleId :

Tgt Ion: 83 Resp: 203491

Ion Ratio Lower Upper

83 100

85 64.3 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.726 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056417.D

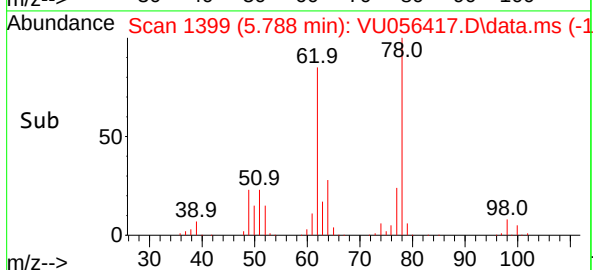
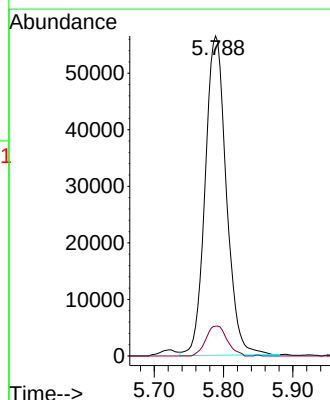
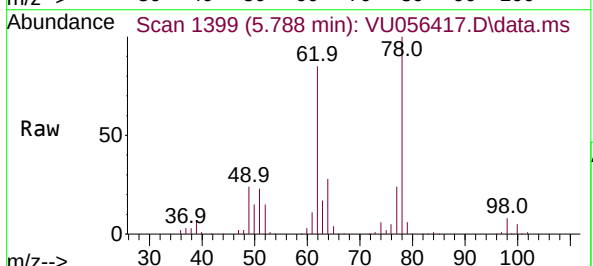
Acq: 16 Nov 2023 19:35

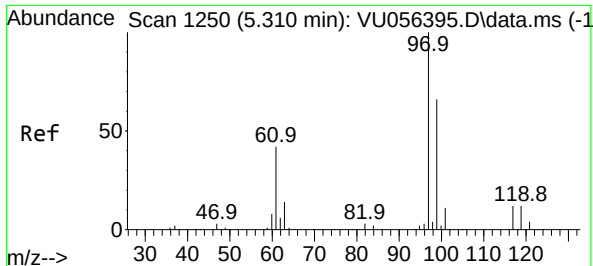
Tgt Ion: 62 Resp: 119726

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0



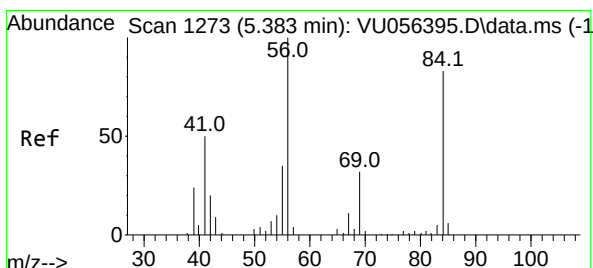
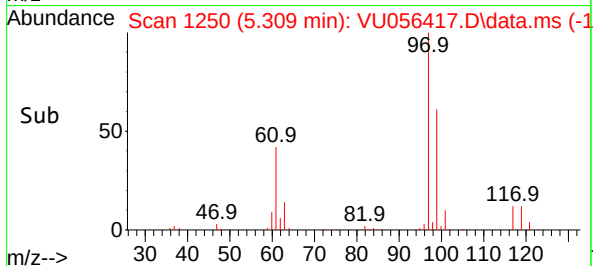
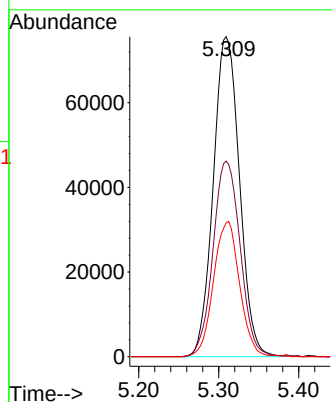
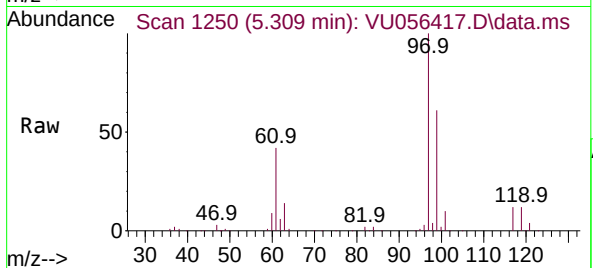


#29
1,1,1-Trichloroethane
Concen: 5.642 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 172417

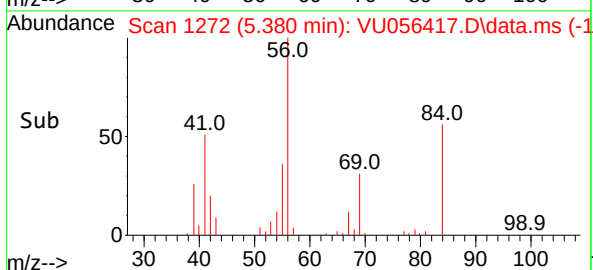
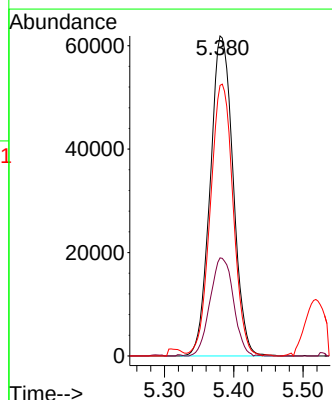
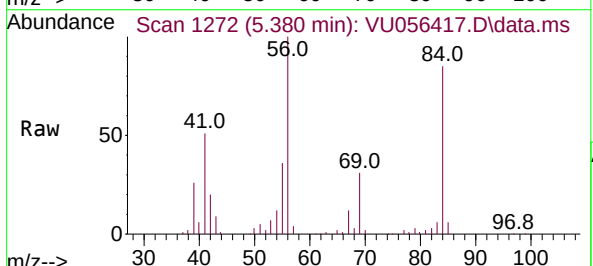
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	42.0	34.3	51.5

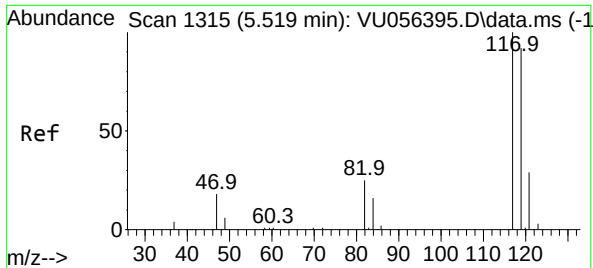


#30
Cyclohexane
Concen: 4.902 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 56 Resp: 142175

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.2
84	84.4	68.6	103.0

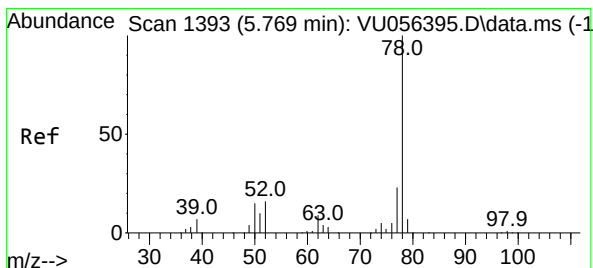
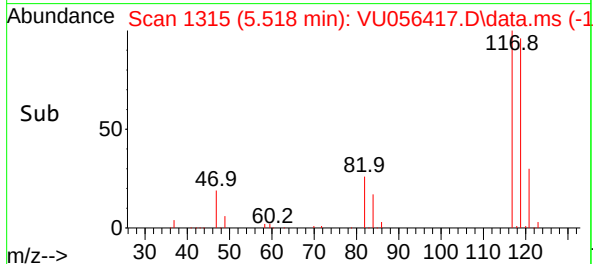
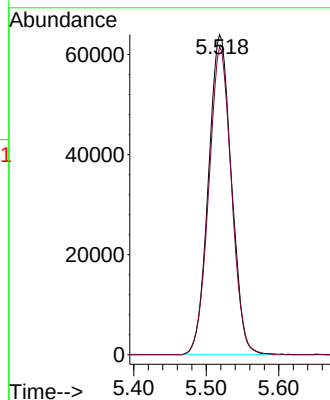
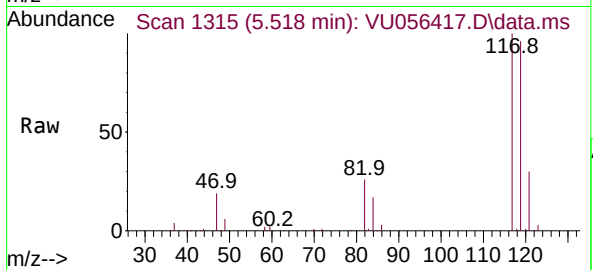




#31
Carbon tetrachloride
Concen: 5.361 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

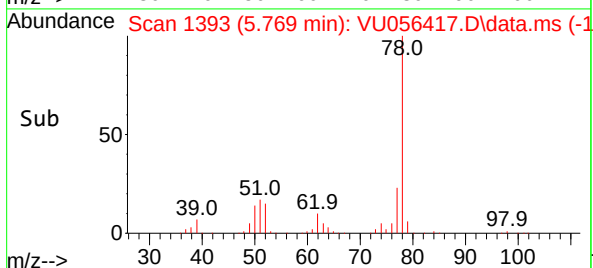
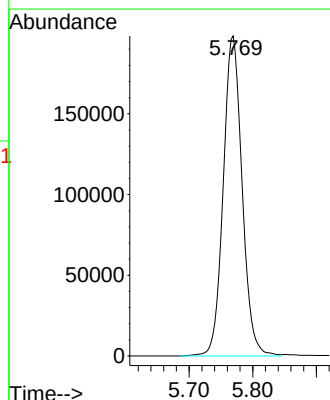
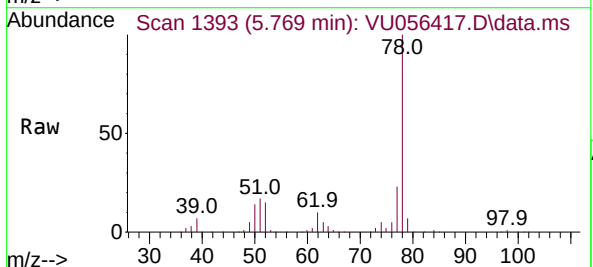
Instrument :
MSVOA_U
ClientSampleId :

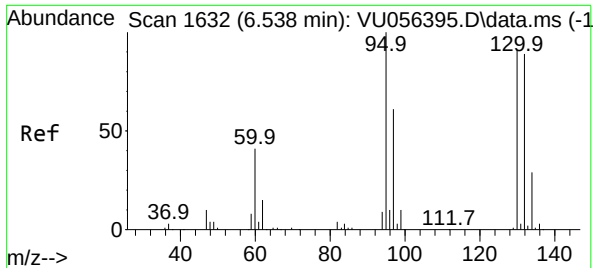
Tgt Ion:117 Resp: 140709
Ion Ratio Lower Upper
117 100
119 94.9 78.1 117.1



#33
Benzene
Concen: 5.380 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 78 Resp: 408638



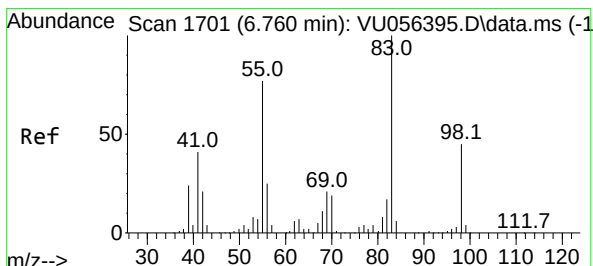
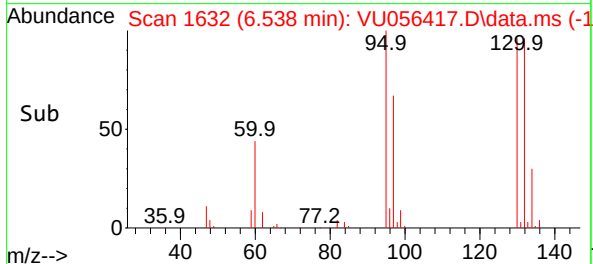
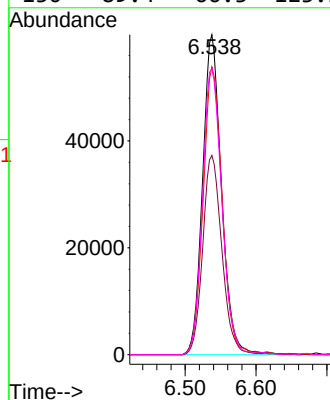
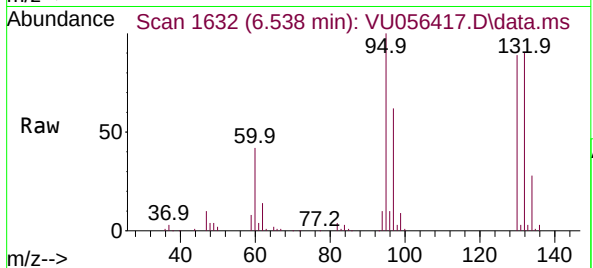


#34
Trichloroethene
Concen: 5.365 ug/L
RT: 6.538 min Scan# 111036
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 111036

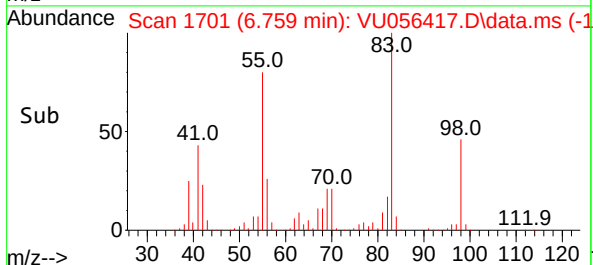
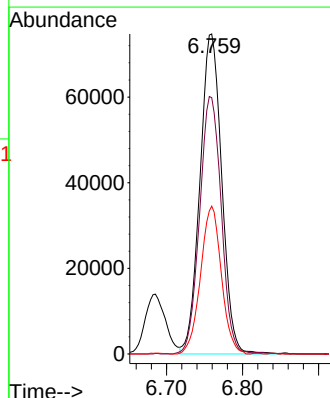
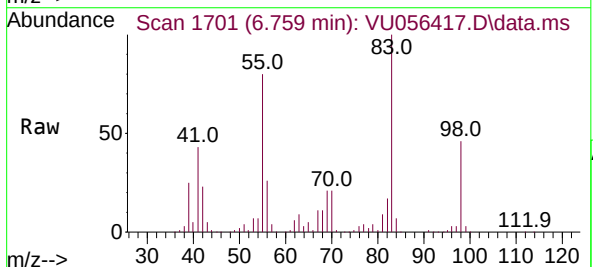
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.5	86.3
132	89.9	62.0	115.2
130	89.4	66.3	123.1

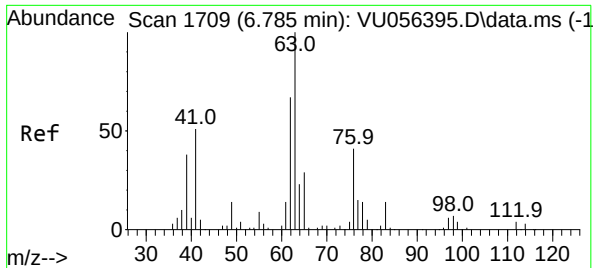


#35
Methylcyclohexane
Concen: 4.984 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 83 Resp: 148913

Ion	Ratio	Lower	Upper
83	100		
55	79.7	62.9	94.3
98	44.0	35.3	52.9





#37

1,2-Dichloropropane

Concen: 5.467 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

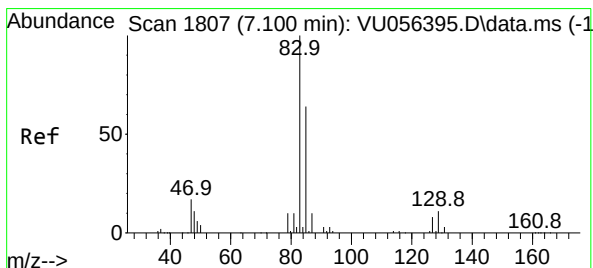
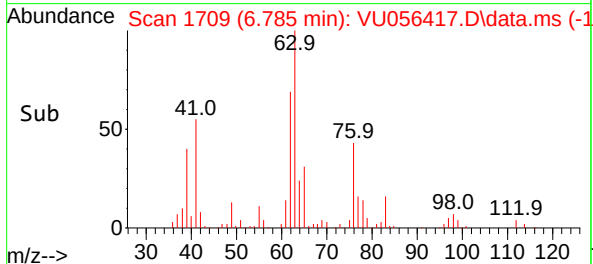
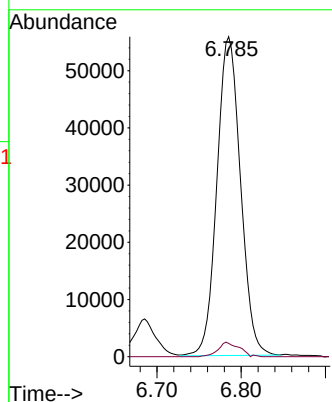
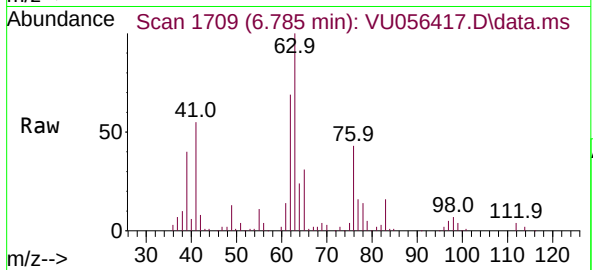
ClientSampleId :

Tgt Ion: 63 Resp: 108302

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.585 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

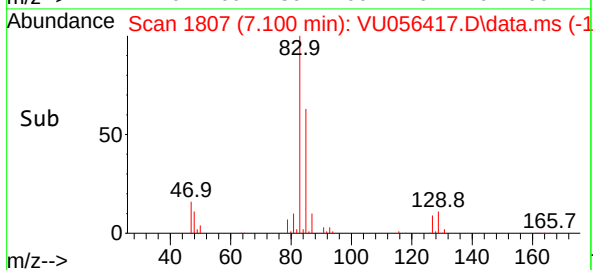
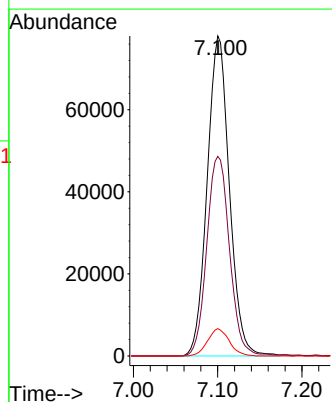
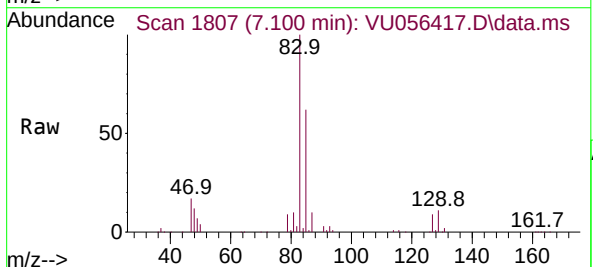
Tgt Ion: 83 Resp: 142817

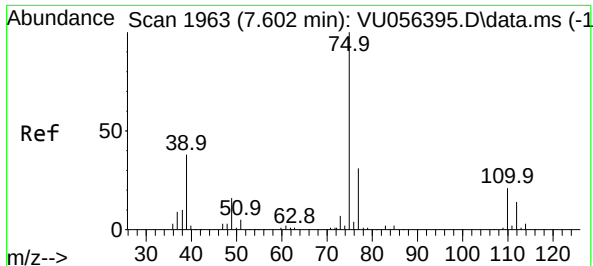
Ion Ratio Lower Upper

83 100

85 62.4 44.9 83.5

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

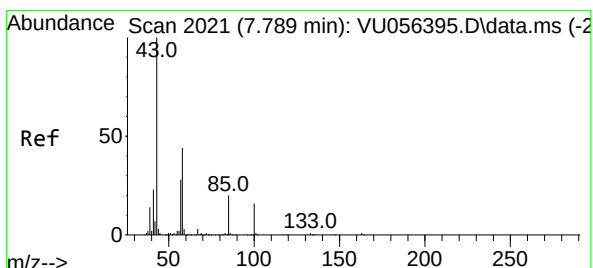
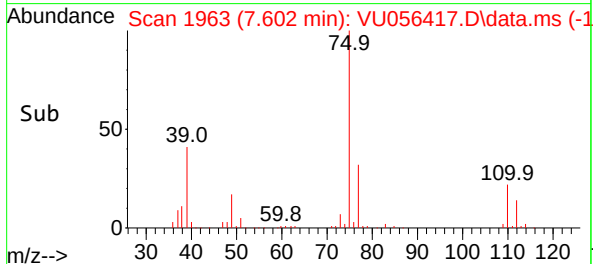
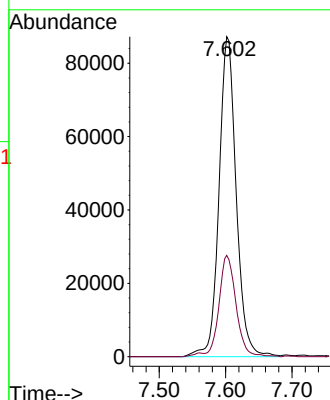
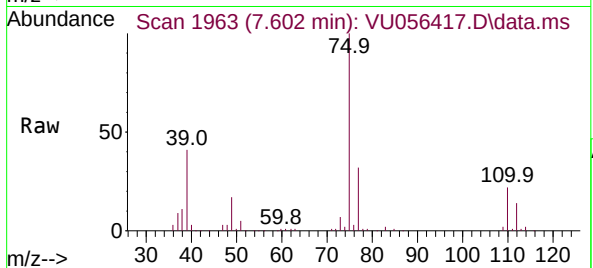
ClientSampleId :

Tgt Ion: 75 Resp: 156845

Ion Ratio Lower Upper

75 100

77 31.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 55.590 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

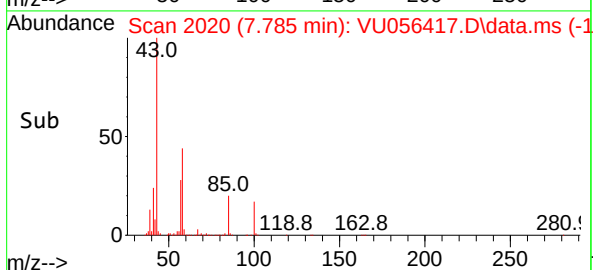
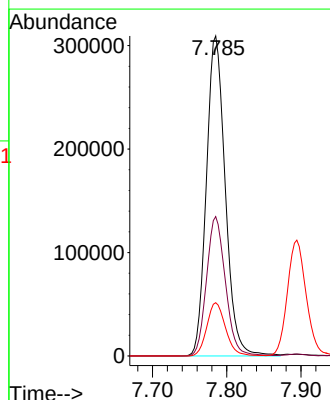
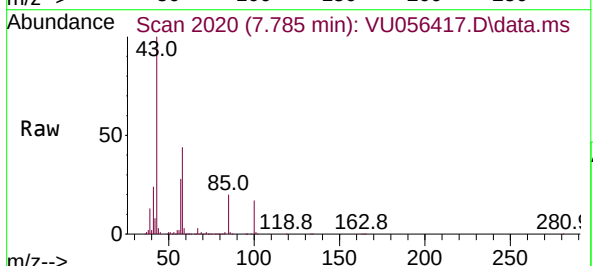
Tgt Ion: 43 Resp: 545862

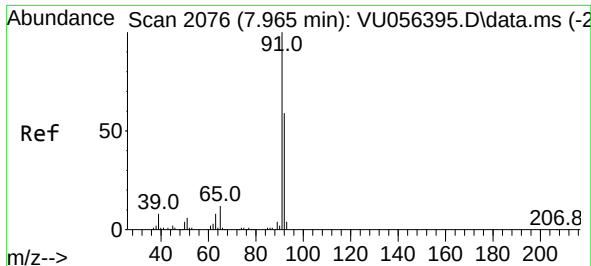
Ion Ratio Lower Upper

43 100

58 43.6 33.8 50.8

100 16.6 13.0 19.4





#42

Toluene

Concen: 5.488 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

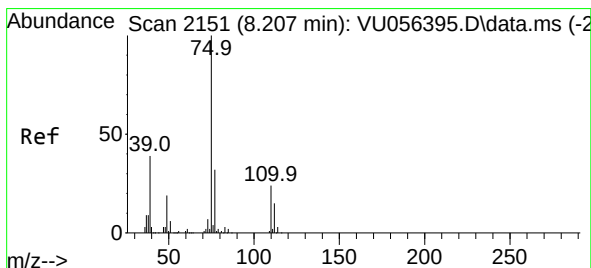
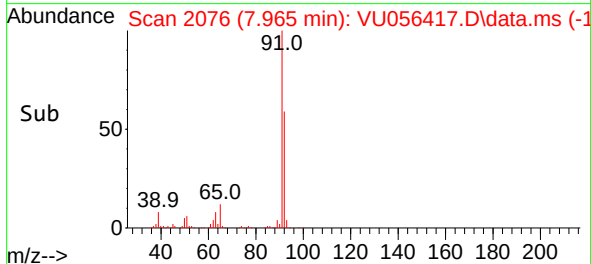
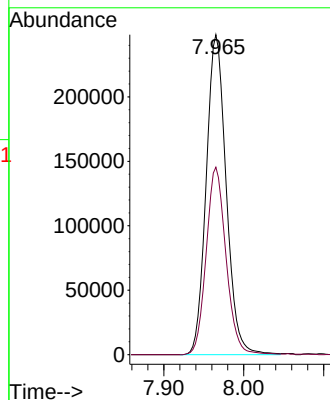
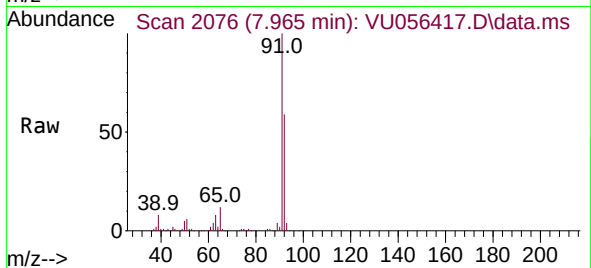
ClientSampleId :

Tgt Ion: 91 Resp: 431574

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.616 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056417.D

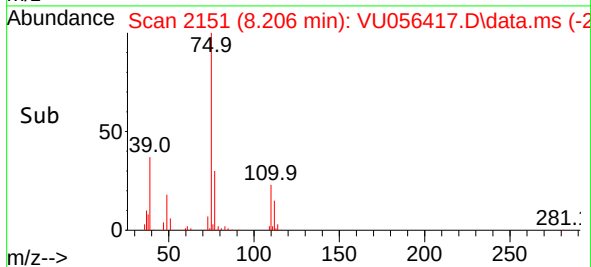
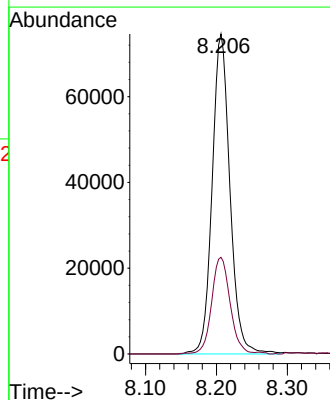
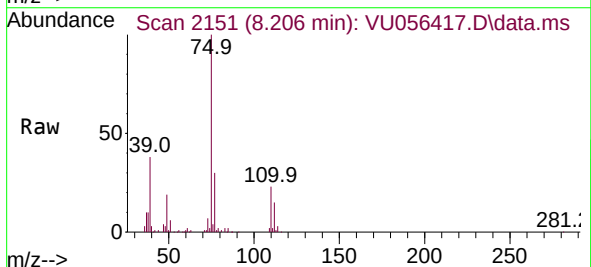
Acq: 16 Nov 2023 19:35

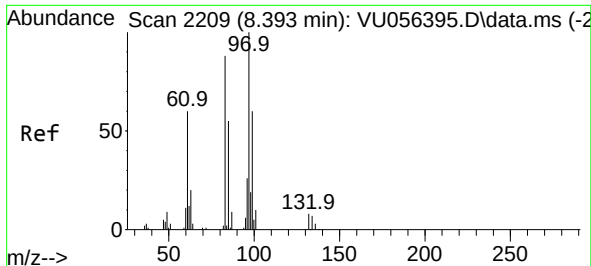
Tgt Ion: 75 Resp: 130309

Ion Ratio Lower Upper

75 100

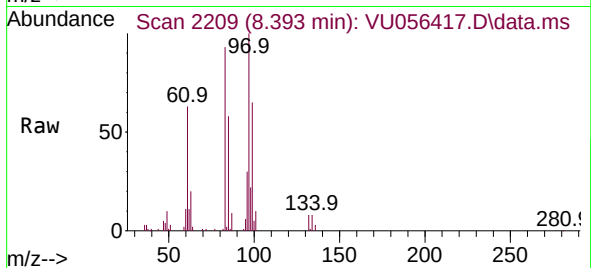
77 30.2 22.8 42.4



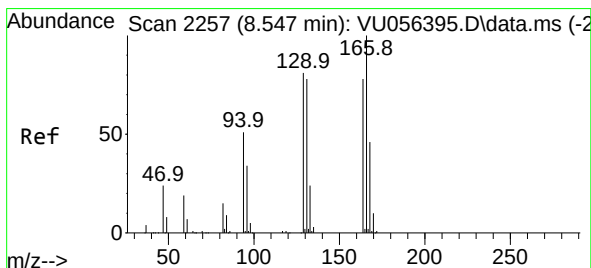
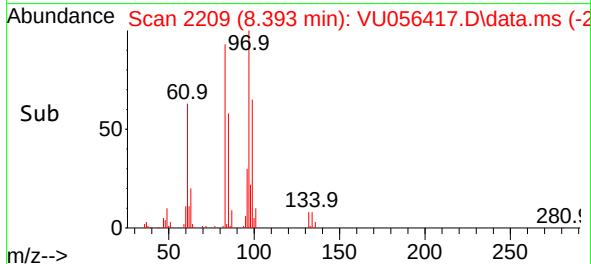
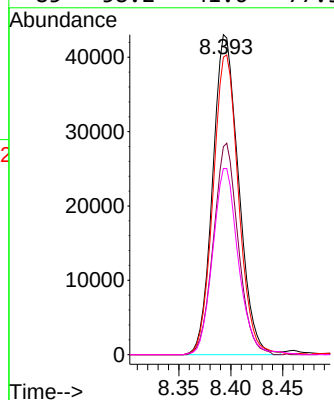


#45
1,1,2-Trichloroethane
Concen: 5.670 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

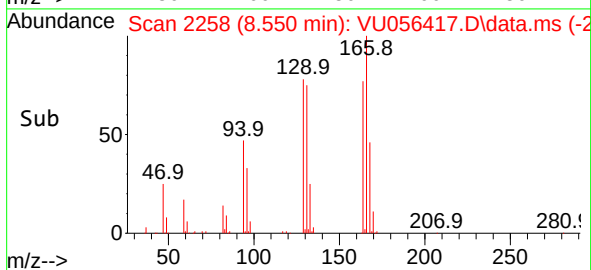
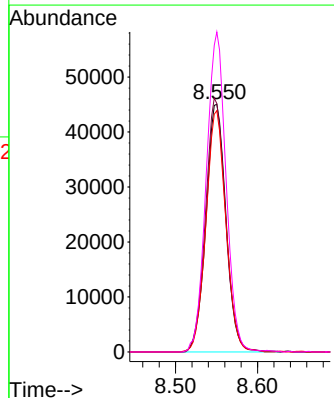
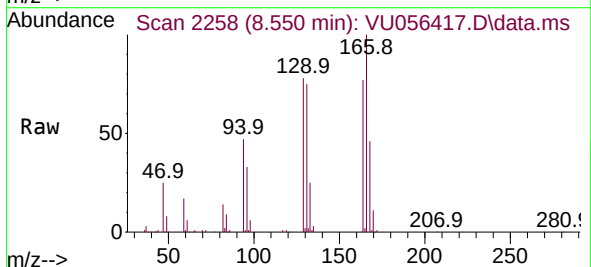


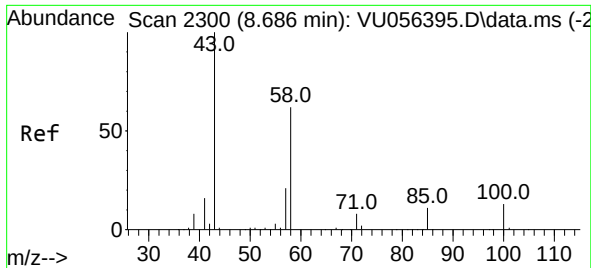
Tgt Ion: 97	Resp: 74806
Ion Ratio	Lower Upper
97 100	
99 65.0	44.3 82.3
83 92.9	65.4 121.4
85 58.2	41.6 77.3



#47
Tetrachloroethene
Concen: 5.464 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:164	Resp: 76248
Ion Ratio	Lower Upper
164 100	
129 100.2	71.0 131.9
131 97.4	70.3 130.7
166 129.2	89.8 166.8



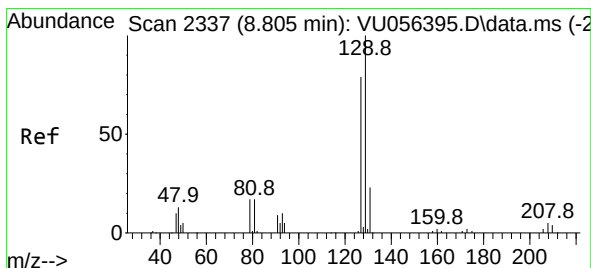
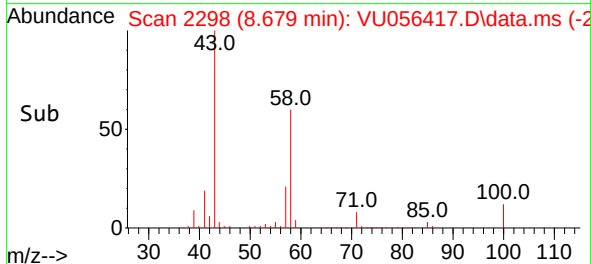
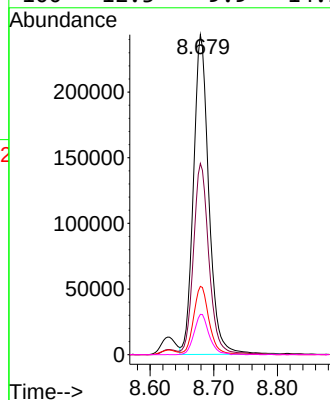
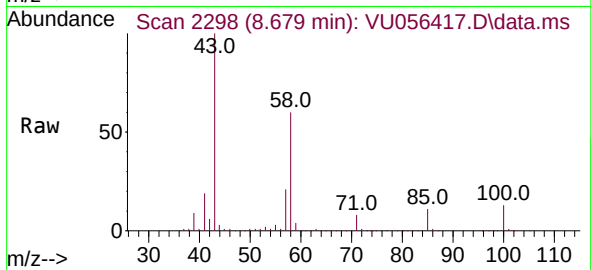


#48
2-Hexanone
Concen: 53.315 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.007 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 407845

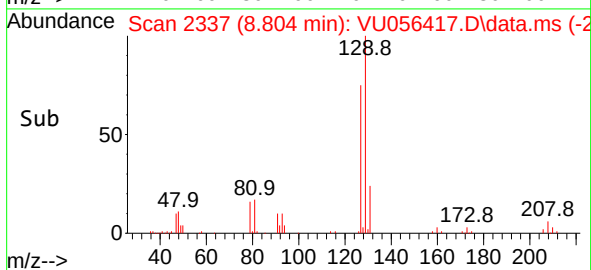
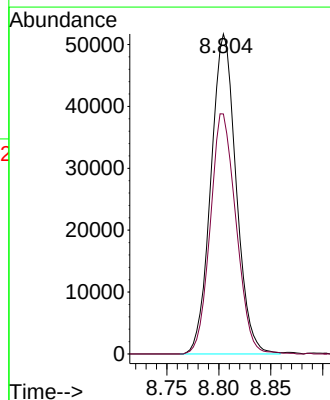
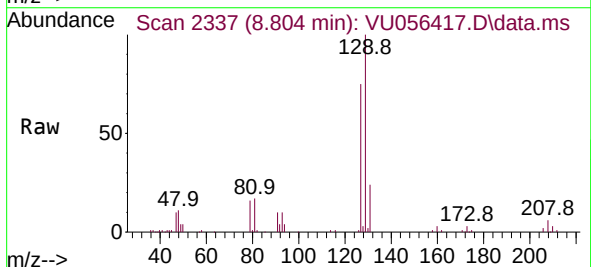
Ion	Ratio	Lower	Upper
43	100		
58	59.4	48.7	73.1
57	21.5	16.8	25.2
100	12.3	9.9	14.9

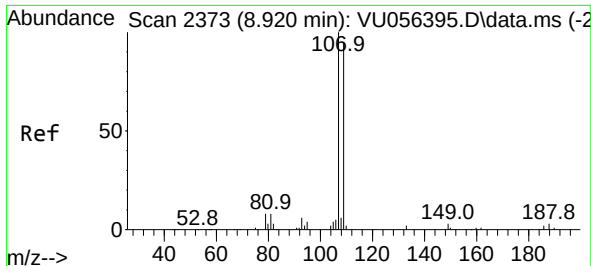


#49
Dibromochloromethane
Concen: 5.818 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 129 Resp: 87286

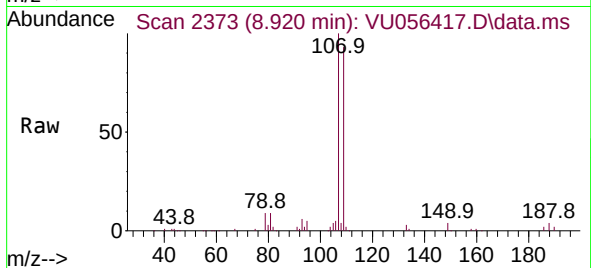
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.9	98.3



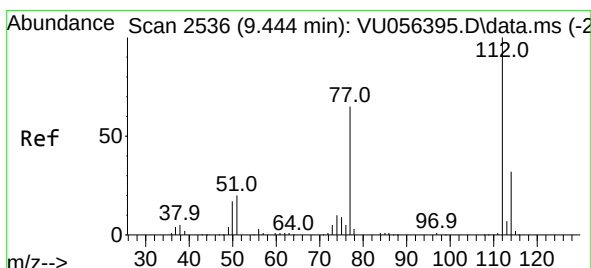
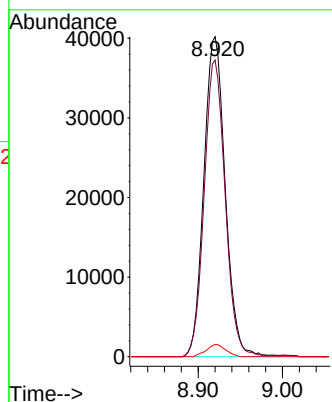
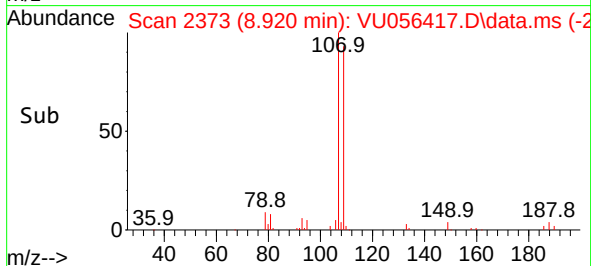


#50
1,2-Dibromoethane
Concen: 5.699 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

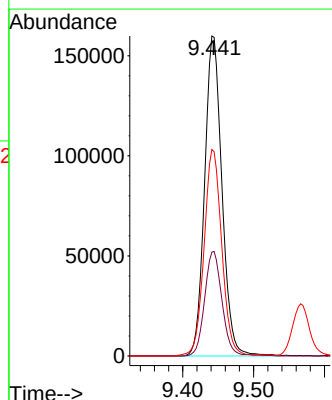
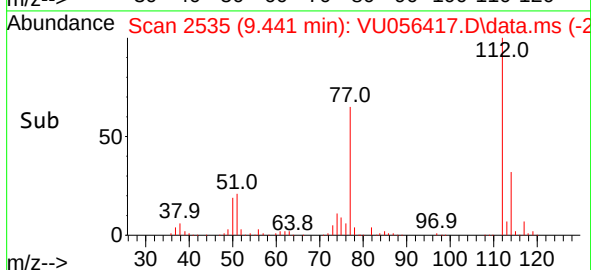
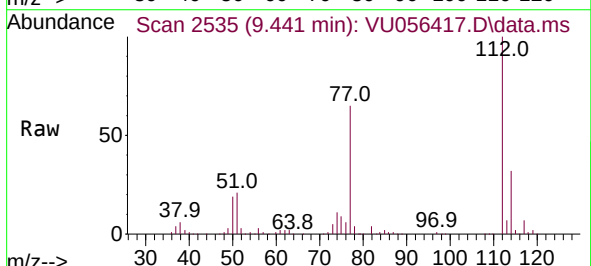


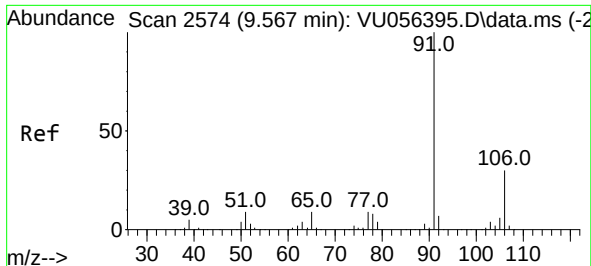
Tgt Ion:107 Resp: 70977
Ion Ratio Lower Upper
107 100
109 92.7 64.2 119.2
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 5.385 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:112 Resp: 272118
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 64.5 51.7 77.5

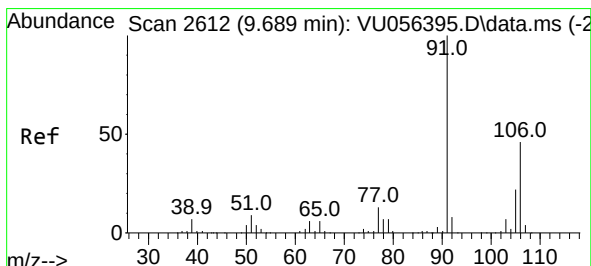
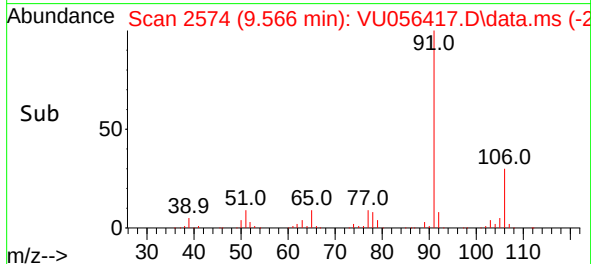
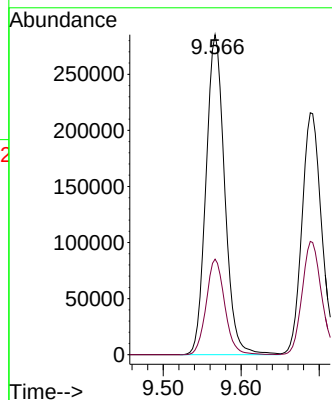
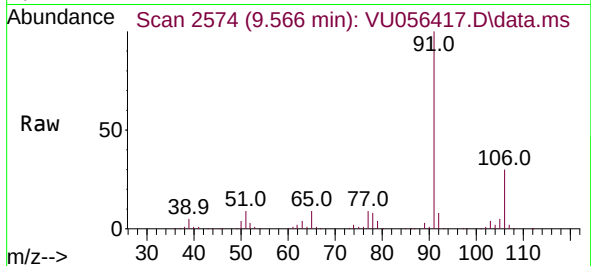




#52
Ethylbenzene
Concen: 5.438 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

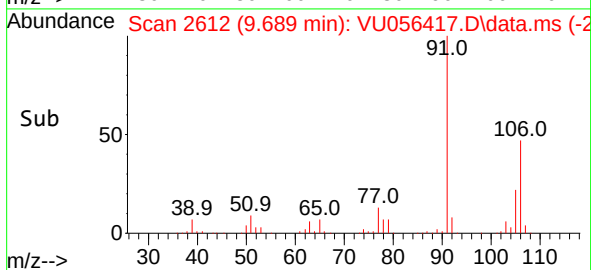
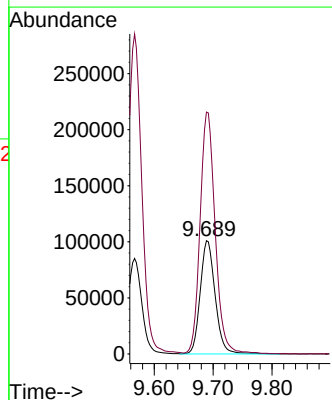
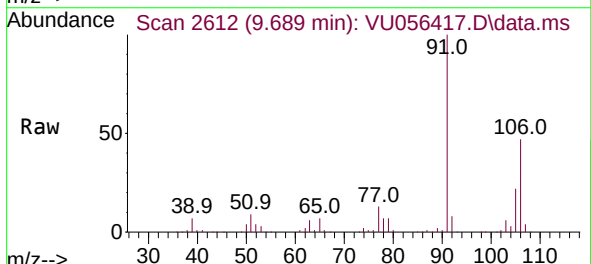
Instrument :
MSVOA_U
ClientSampleId :

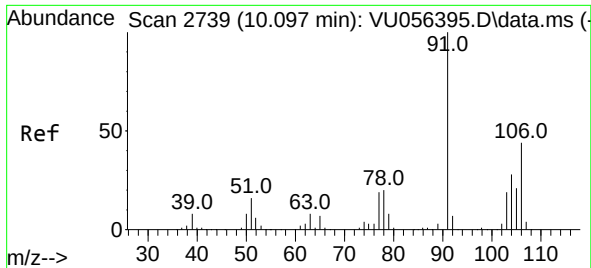
Tgt Ion: 91 Resp: 474873
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 5.542 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:106 Resp: 177918
Ion Ratio Lower Upper
106 100
91 213.7 149.6 277.8

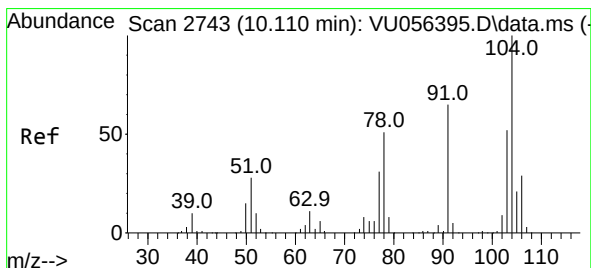
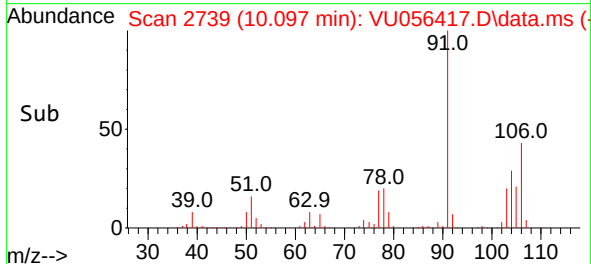
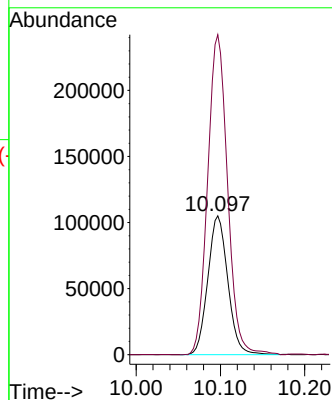
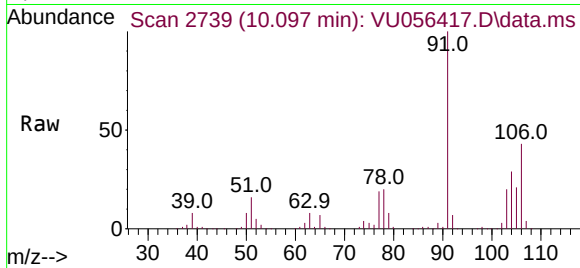




#54
o-Xylene
Concen: 5.567 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

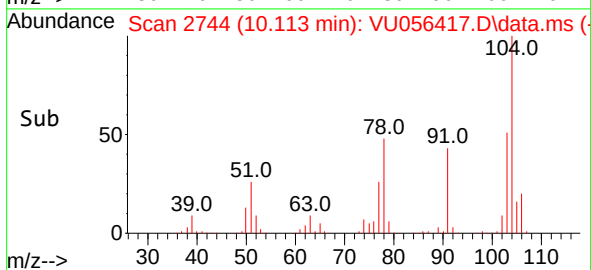
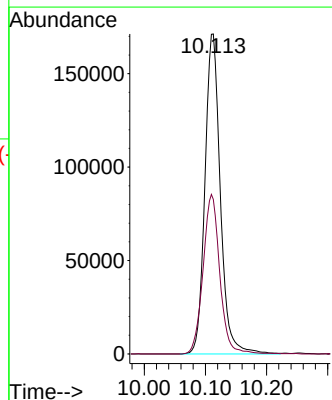
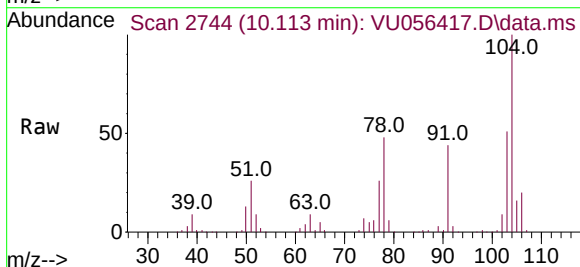
Instrument :
MSVOA_U
ClientSampleId :

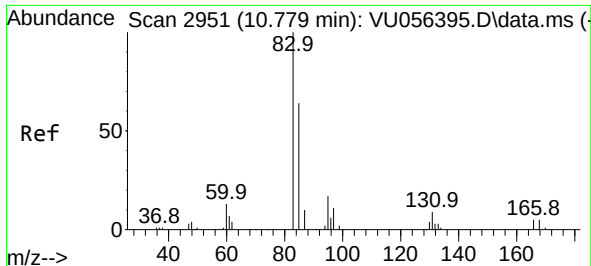
Tgt Ion:106 Resp: 173596
Ion Ratio Lower Upper
106 100
91 230.3 159.3 295.9



#55
Styrene
Concen: 5.779 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:104 Resp: 299750
Ion Ratio Lower Upper
104 100
78 48.3 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.814 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

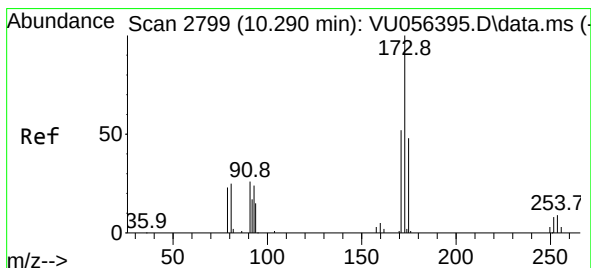
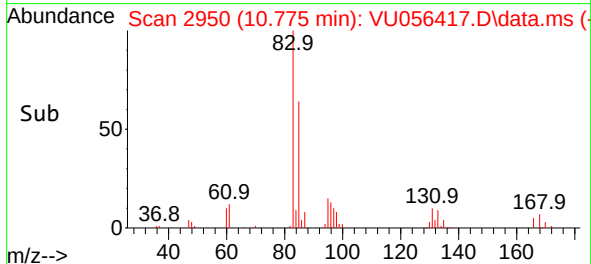
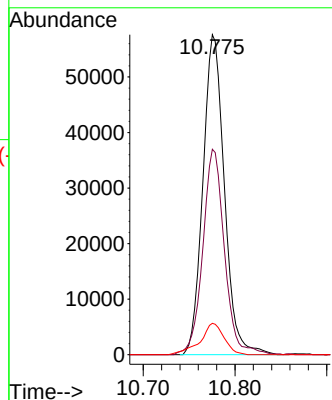
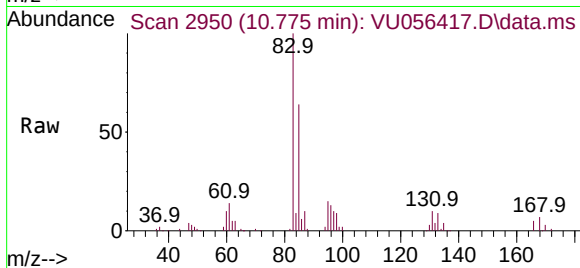
Tgt Ion: 83 Resp: 93656

Ion Ratio Lower Upper

83 100

85 64.2 46.3 86.1

131 9.8 6.7 10.1



#59

Bromoform

Concen: 5.801 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

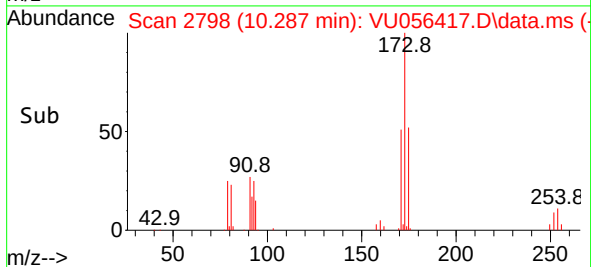
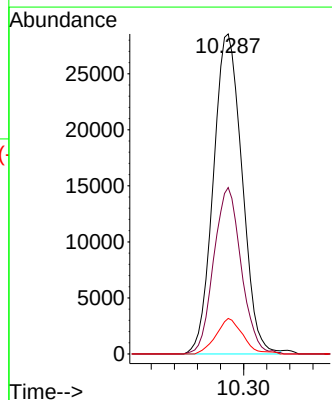
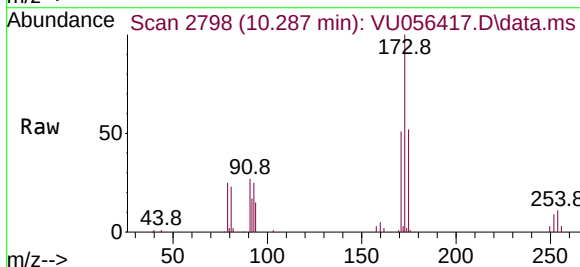
Tgt Ion:173 Resp: 49260

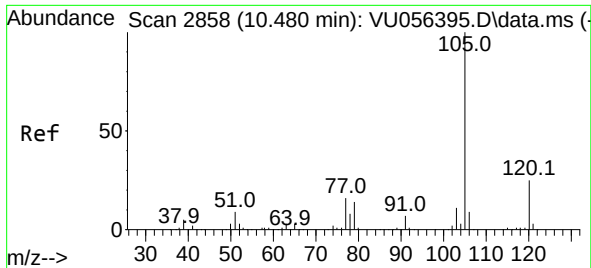
Ion Ratio Lower Upper

173 100

175 49.8 38.9 58.3

254 10.4 6.7 10.1#

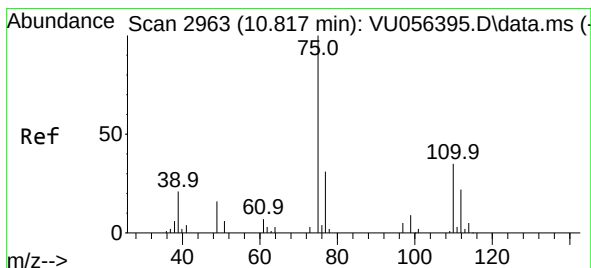
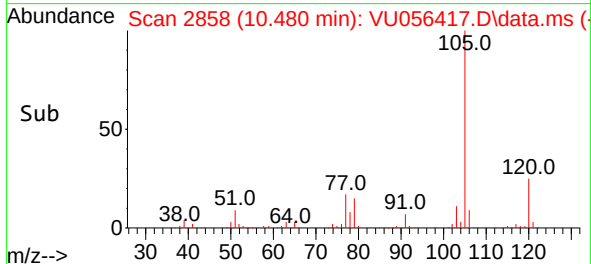
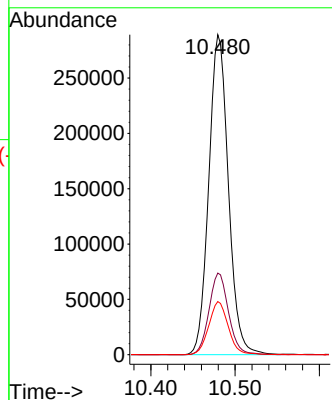
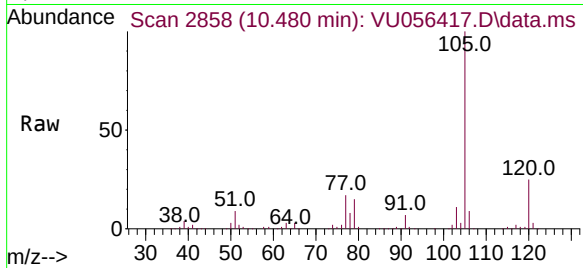




#60
Isopropylbenzene
Concen: 5.323 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

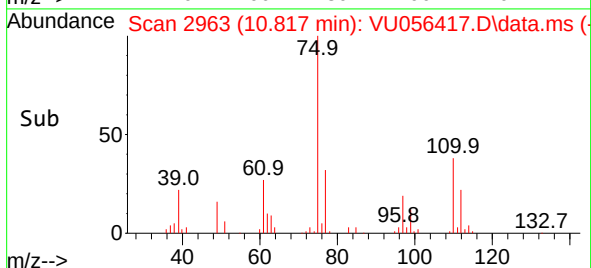
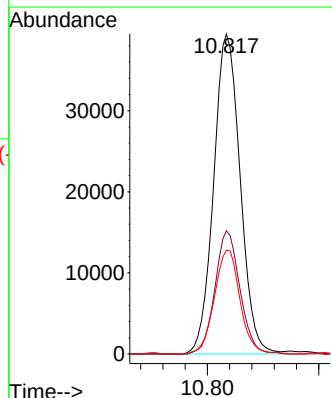
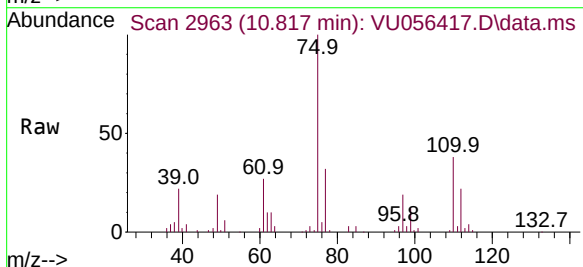
Instrument :
MSVOA_U
ClientSampleId :

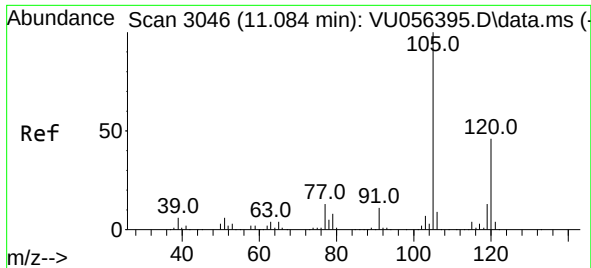
Tgt Ion:105 Resp: 467978
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.572 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion: 75 Resp: 65178
Ion Ratio Lower Upper
75 100
110 36.2 30.4 45.6
77 31.4 27.0 40.6

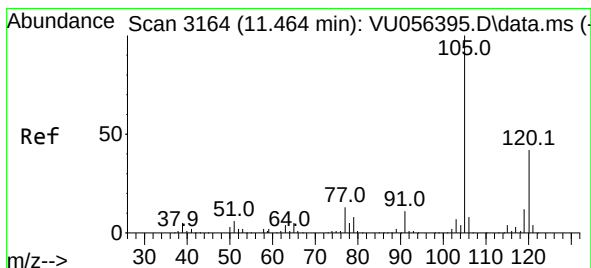
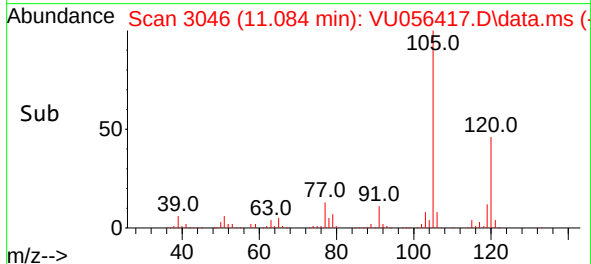
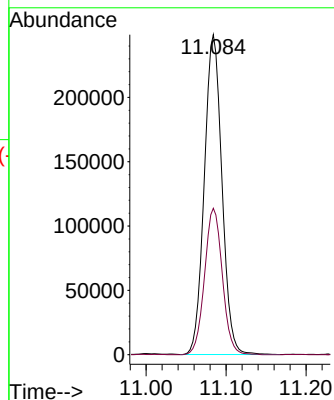
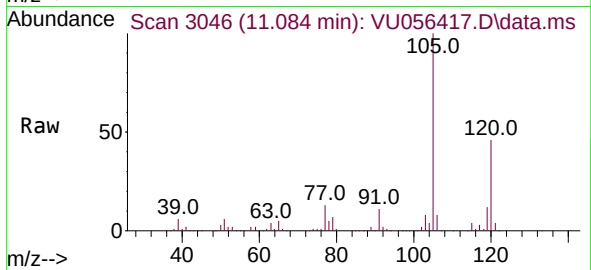




#62
1,3,5-Trimethylbenzene
Concen: 5.295 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

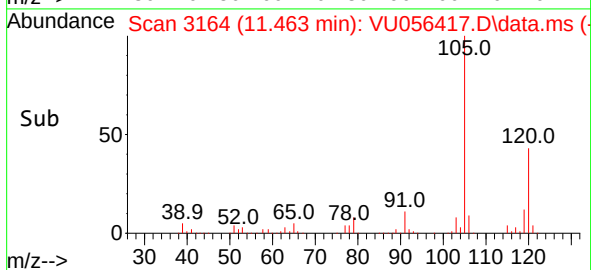
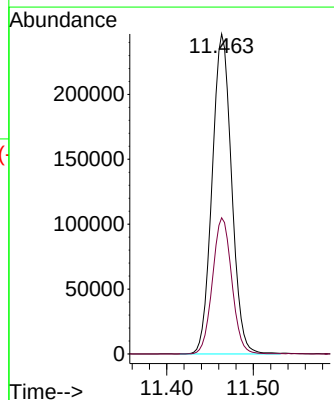
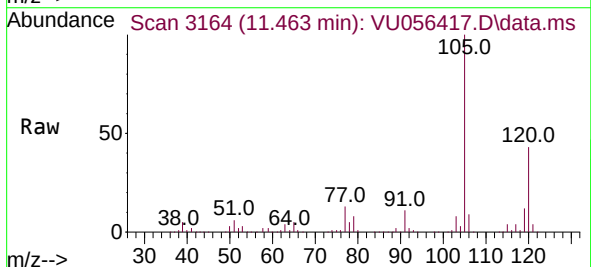
Instrument :
MSVOA_U
ClientSampleId :

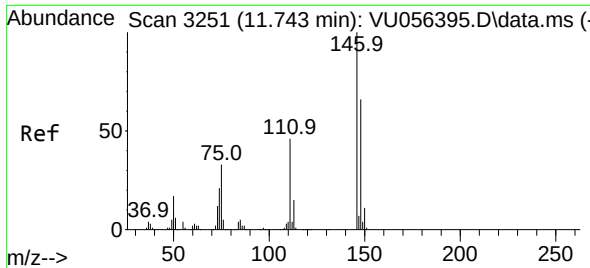
Tgt Ion:105 Resp: 382207
Ion Ratio Lower Upper
105 100
120 46.1 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.396 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:105 Resp: 384464
Ion Ratio Lower Upper
105 100
120 42.1 34.0 51.0

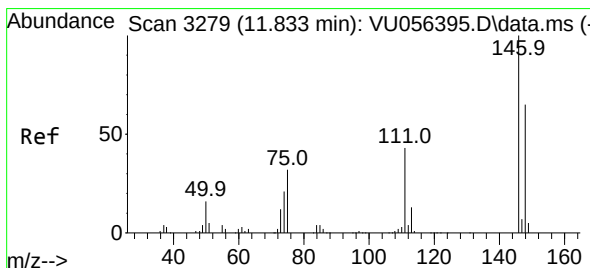
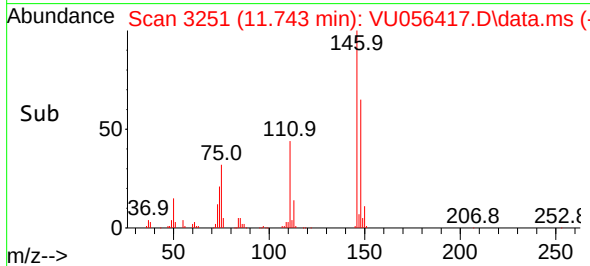
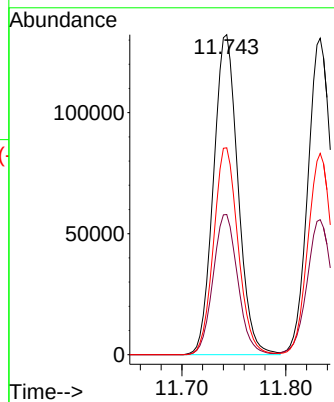
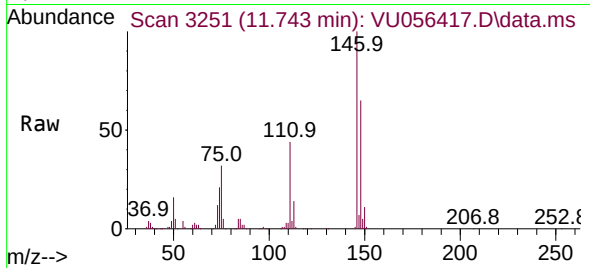




#64
 1,3-Dichlorobenzene
 Concen: 5.423 ug/L
 RT: 11.743 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

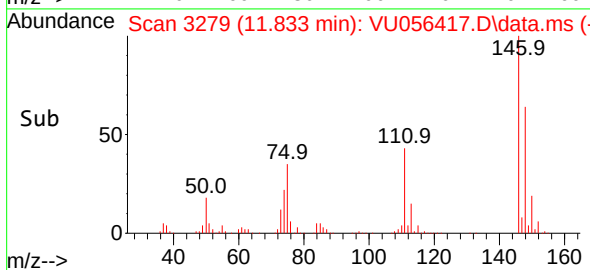
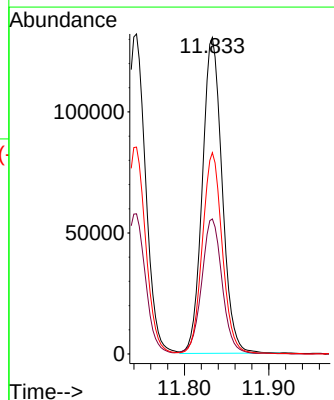
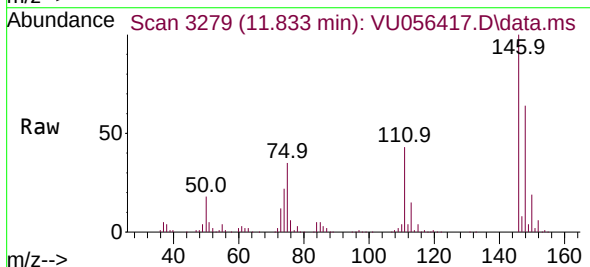
Instrument :
 MSVOA_U
 ClientSampleId :

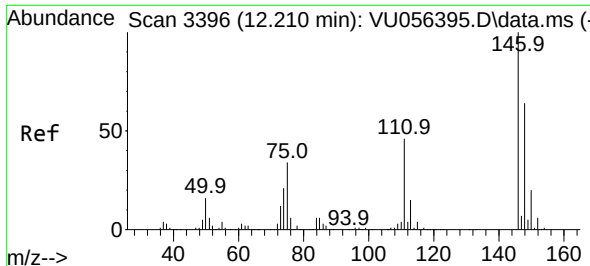
Tgt Ion:146 Resp: 216863
 Ion Ratio Lower Upper
 146 100
 111 43.8 31.1 57.7
 148 64.6 45.1 83.9



#65
 1,4-Dichlorobenzene
 Concen: 5.324 ug/L
 RT: 11.833 min Scan# 3279
 Delta R.T. -0.000 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

Tgt Ion:146 Resp: 213554
 Ion Ratio Lower Upper
 146 100
 111 42.7 30.5 56.7
 148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.507 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

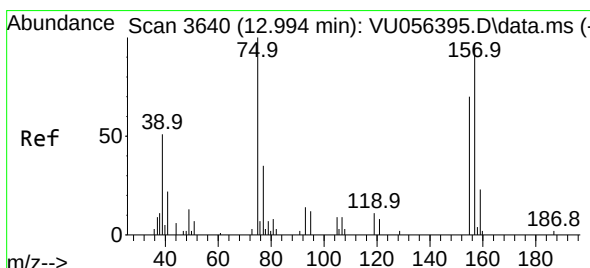
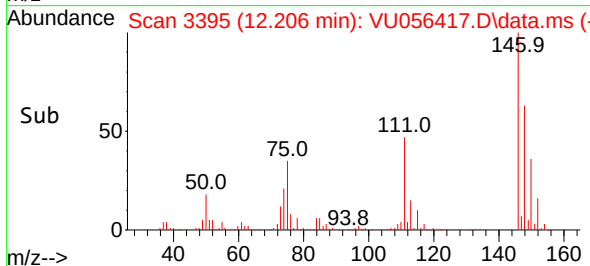
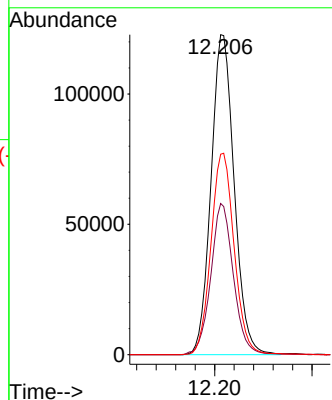
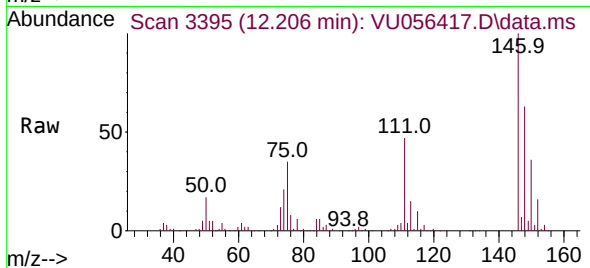
Tgt Ion:146 Resp: 202064

Ion Ratio Lower Upper

146 100

111 47.3 38.3 57.5

148 62.7 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.246 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056417.D

Acq: 16 Nov 2023 19:35

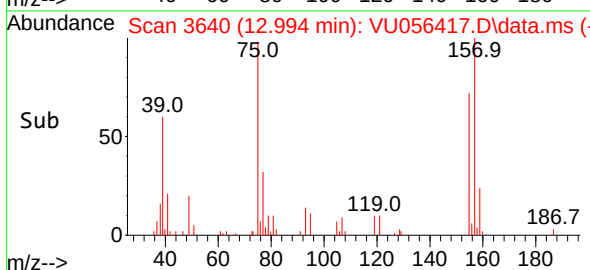
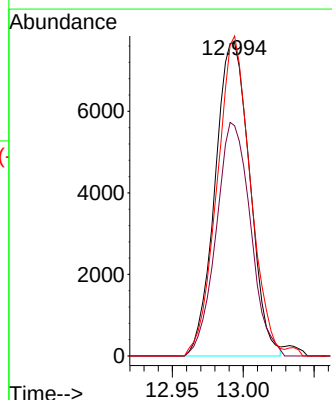
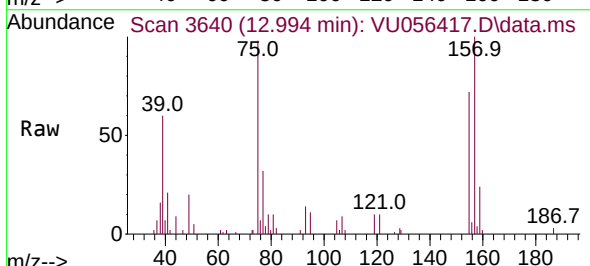
Tgt Ion: 75 Resp: 13106

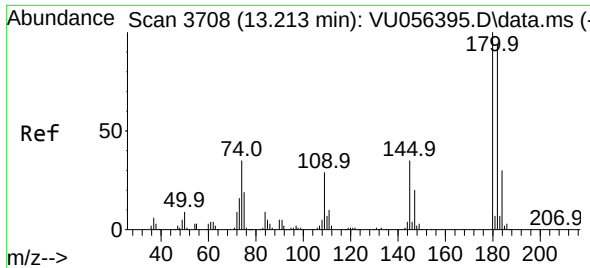
Ion Ratio Lower Upper

75 100

155 73.5 62.4 93.6

157 102.1 80.2 120.2

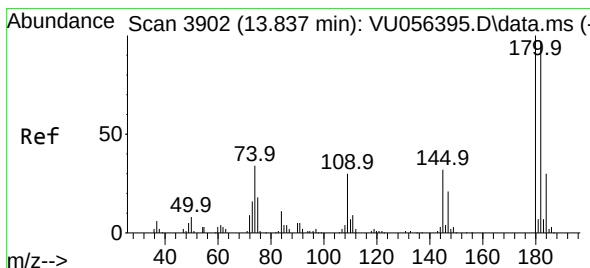
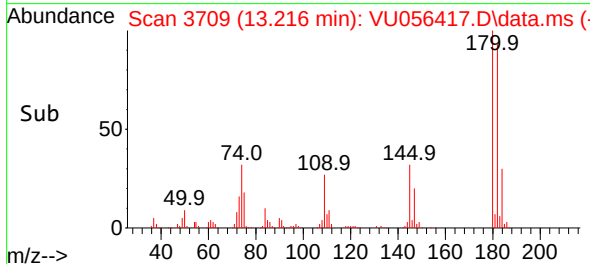
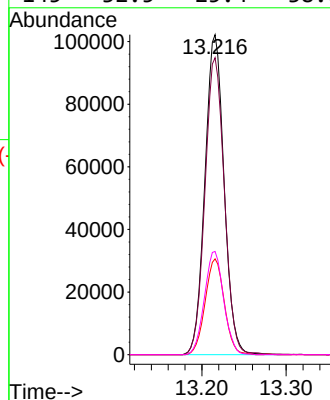
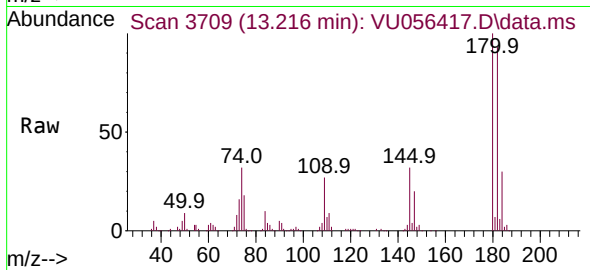




#69
 1,3,5-Trichlorobenzene
 Concen: 5.363 ug/L
 RT: 13.216 min Scan# 3708
 Delta R.T. 0.003 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

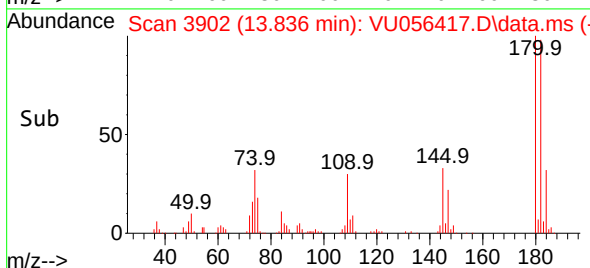
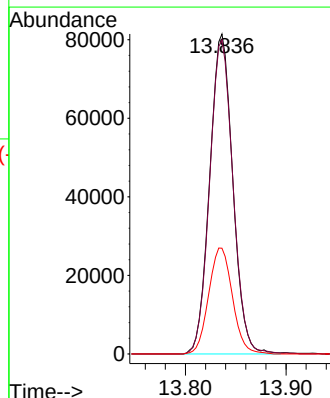
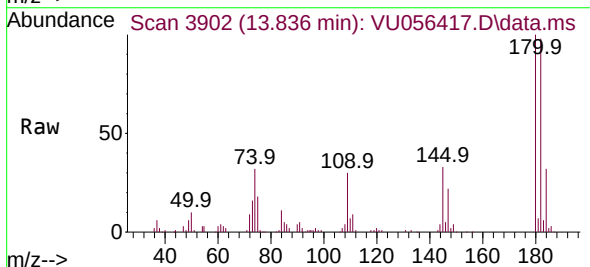
Instrument :
 MSVOA_U
 ClientSampleId :

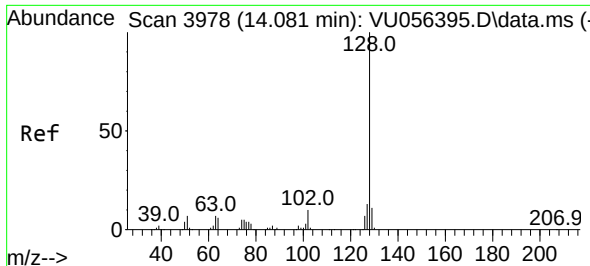
Tgt Ion:180	Resp:	161476
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.1 112.7
184	30.0	23.5 35.3
145	32.5	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.302 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056417.D
 Acq: 16 Nov 2023 19:35

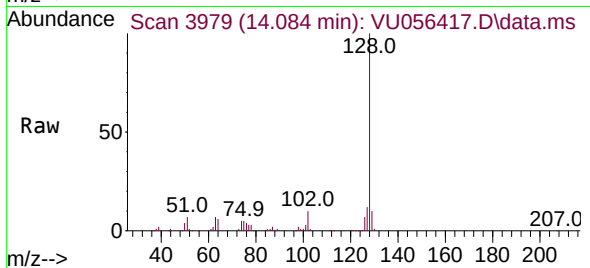
Tgt Ion:180	Resp:	130035
Ion Ratio	Lower	Upper
180	100	
182	99.0	75.4 113.2
145	34.1	26.8 40.2



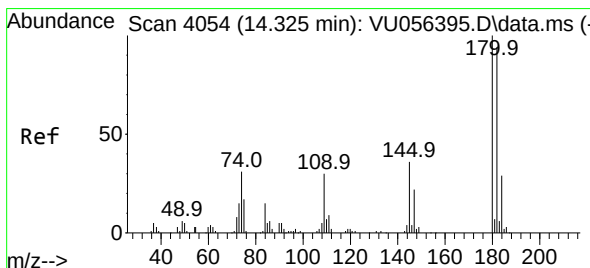
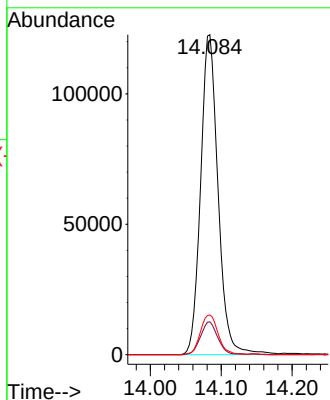
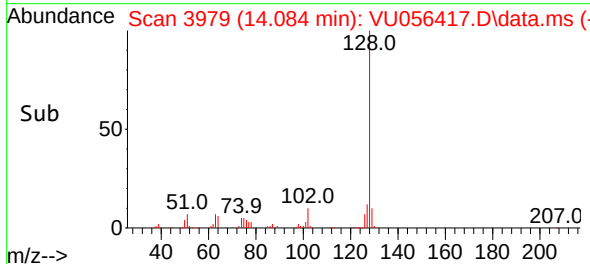


#71
Naphthalene
Concen: 5.671 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 210126
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.774 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056417.D
Acq: 16 Nov 2023 19:35

Tgt Ion:180 Resp: 116639
Ion Ratio Lower Upper
180 100
182 94.8 78.6 117.8
145 36.2 29.0 43.6

