

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055617.D
 Acq On : 02 Oct 2023 20:18
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 05:00:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76068	4.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.914	69	76322	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.567	65	30110	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.634	46	177293	52.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.520%
24) Chloroform-d	5.062	84	160469	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.701	65	76475	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.724	84	300246	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.689	67	92953	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	269834	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	32916	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.634	63	115299	54.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79061	5.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	94425	4.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	75362	4.205	ug/L	99
3) Chloromethane	1.518	50	77980	4.946	ug/L	100
5) Vinyl chloride	1.602	62	90615	5.328	ug/L	96
6) Bromomethane	1.856	94	46192	4.276	ug/L	96
8) Chloroethane	1.933	64	60420	5.444	ug/L	99
9) Trichlorofluoromethane	2.139	101	132480	5.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	63982	4.458	ug/L	97
12) 1,1-Dichloroethene	2.579	96	58502	4.546	ug/L	90
13) Acetone	2.650	43	86569	45.193	ug/L	87
14) Carbon disulfide	2.792	76	182547	4.718	ug/L	99
15) Methyl Acetate	2.959	43	22436	5.137	ug/L	94
16) Methylene chloride	3.042	84	83142	5.392	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	137487	4.924	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	61809	4.765	ug/L	95
19) 1,1-Dichloroethane	3.866	63	120230	5.012	ug/L	95
21) 2-Butanone	4.714	43	142677	50.785	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	70431	4.683	ug/L	98
23) Bromochloromethane	4.975	128	31535	4.961	ug/L	95
25) Chloroform	5.084	83	129201	5.086	ug/L	98

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 05:00:53 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

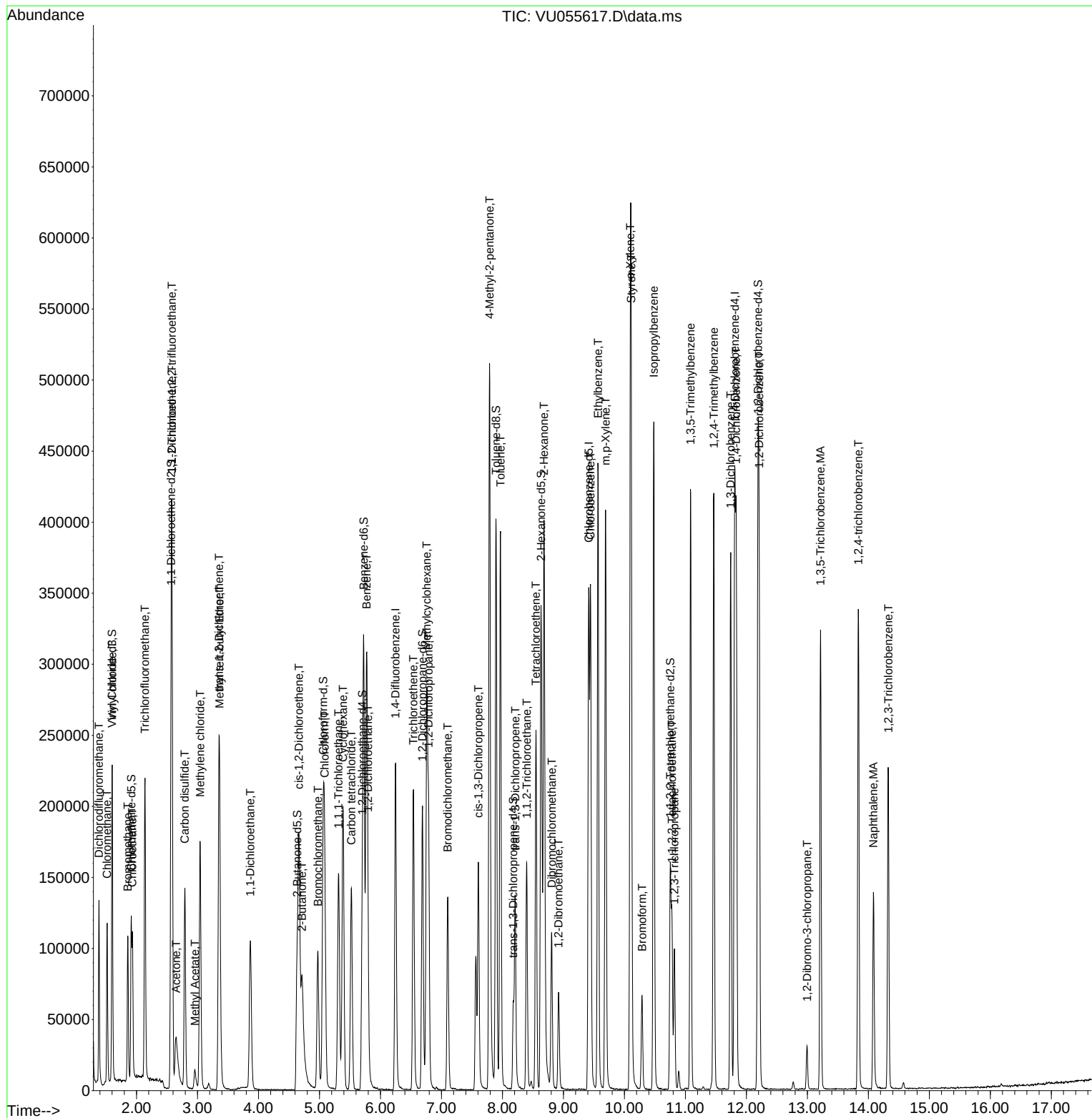
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	79626	5.111	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	109953	5.106	ug/L	97
30) Cyclohexane	5.386	56	92509	4.693	ug/L	98
31) Carbon tetrachloride	5.521	117	96129	5.208	ug/L	99
33) Benzene	5.772	78	277050	5.096	ug/L	100
34) Trichloroethene	6.541	95	74780	4.863	ug/L	96
35) Methylcyclohexane	6.759	83	100680	4.545	ug/L	97
37) 1,2-Dichloropropane	6.788	63	72405	5.093	ug/L	99
38) Bromodichloromethane	7.103	83	88648	5.321	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	94159	4.962	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	341813	53.000	ug/L	97
42) Toluene	7.968	91	293943	5.069	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	78529	5.172	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	50106	5.026	ug/L	99
47) Tetrachloroethene	8.550	164	52817	4.788	ug/L	96
48) 2-Hexanone	8.682	43	263436	52.705	ug/L	95
49) Dibromochloromethane	8.807	129	55237	5.286	ug/L	97
50) 1,2-Dibromoethane	8.920	107	47267	5.109	ug/L #	93
51) Chlorobenzene	9.444	112	187316	5.043	ug/L	98
52) Ethylbenzene	9.566	91	309486	4.978	ug/L	96
53) m,p-Xylene	9.692	106	114847	4.930	ug/L	99
54) o-Xylene	10.097	106	113737	5.021	ug/L	98
55) Styrene	10.113	104	191407	5.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	59444	5.282	ug/L	99
59) Bromoform	10.290	173	29116	5.153	ug/L	99
60) Isopropylbenzene	10.483	105	304144	5.006	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	41530	5.047	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	234064	4.817	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	232792	4.895	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	150896	5.188	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	151505	5.211	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	132323	4.962	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	7443	5.218	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	95519	4.768	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	97757	6.401	ug/L	98
71) Naphthalene	14.084	128	114075	5.160	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	66787	5.026	ug/L	99

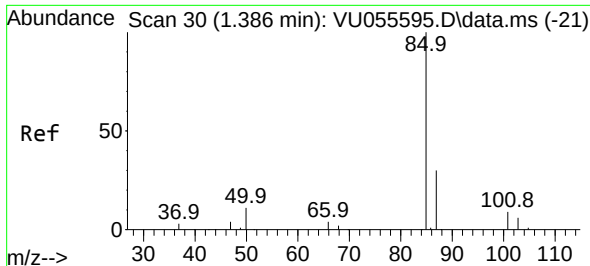
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

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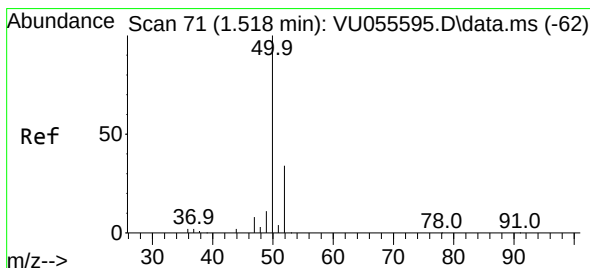
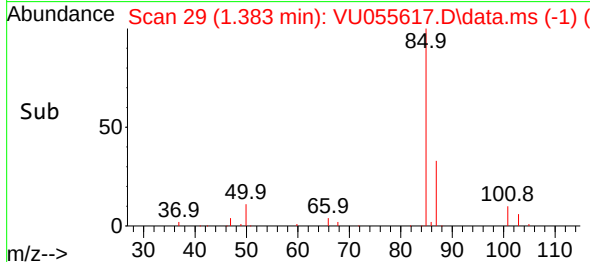
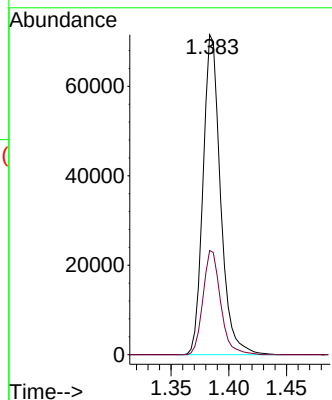
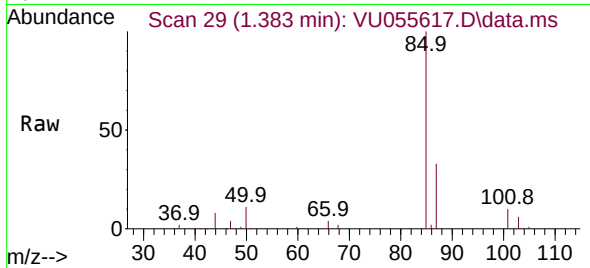




#2
 Dichlorodifluoromethane
 Concen: 4.205 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

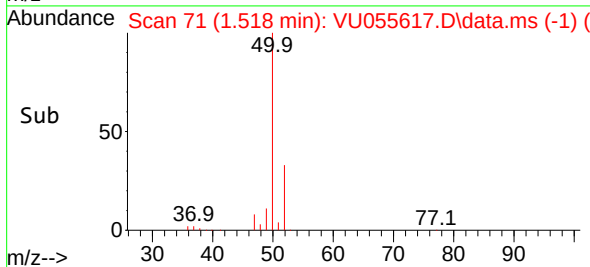
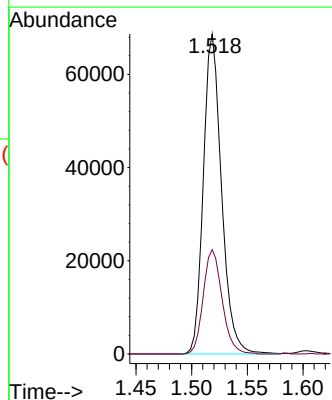
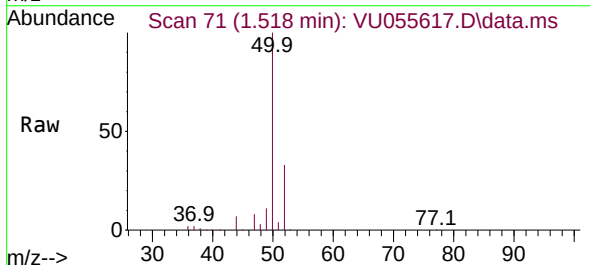
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 ClientSampleId :

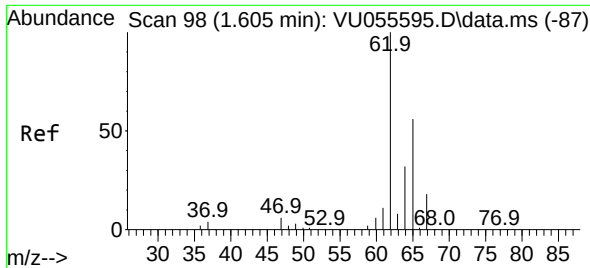
Tgt Ion: 85 Resp: 75362
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.946 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

Tgt Ion: 50 Resp: 77980
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.9 42.5

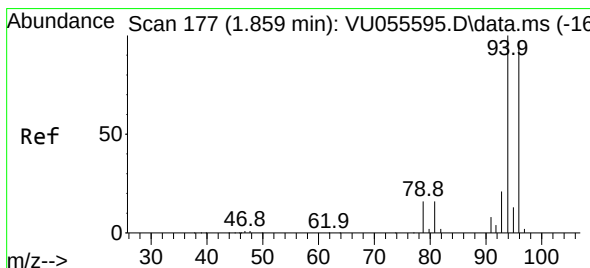
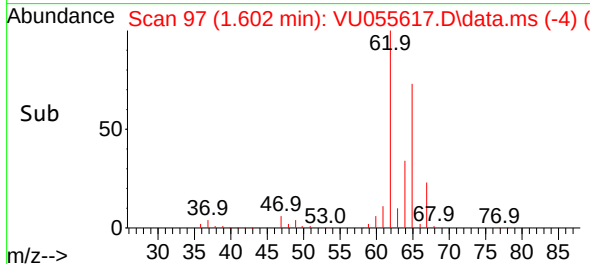
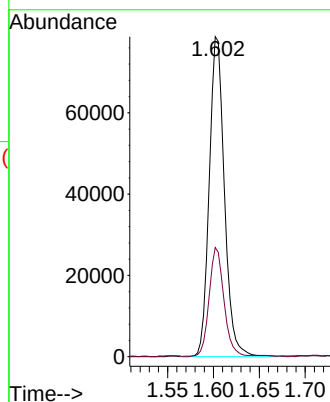
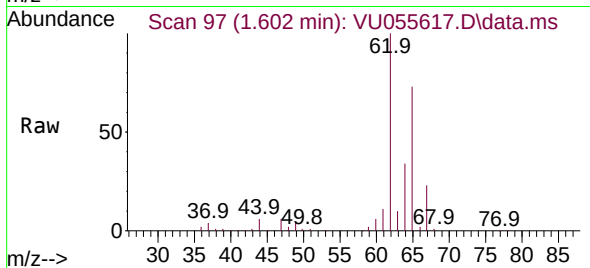




#5
 Vinyl chloride
 Concen: 5.328 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

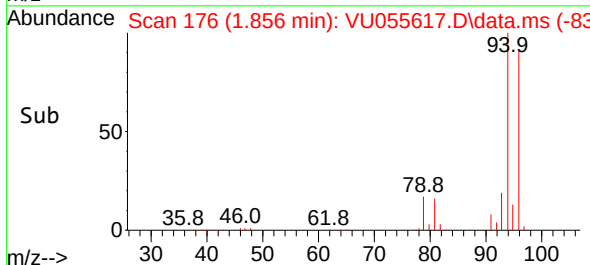
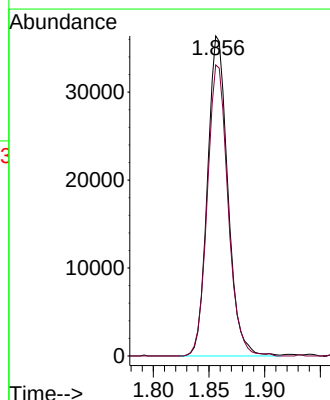
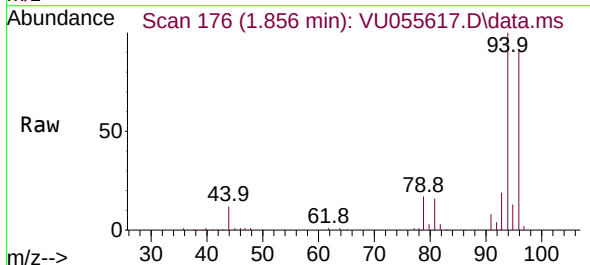
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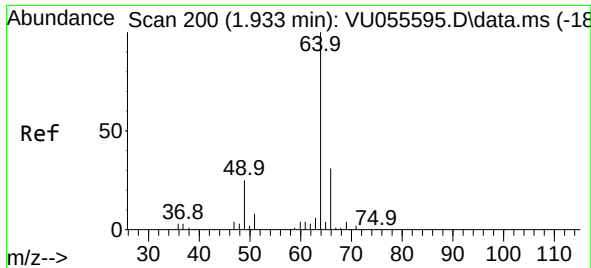
Tgt Ion: 62 Resp: 90615
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.3 41.5



#6
 Bromomethane
 Concen: 4.276 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

Tgt Ion: 94 Resp: 46192
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.4 123.2

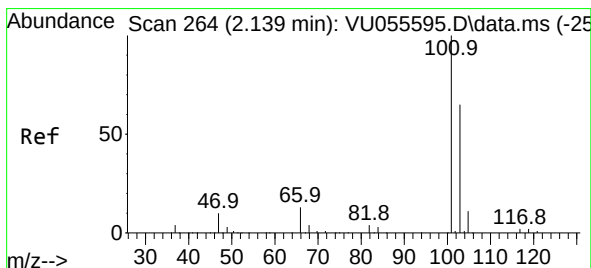
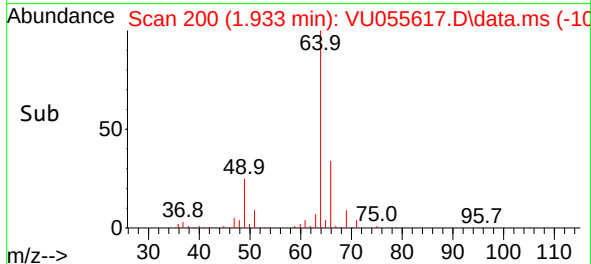
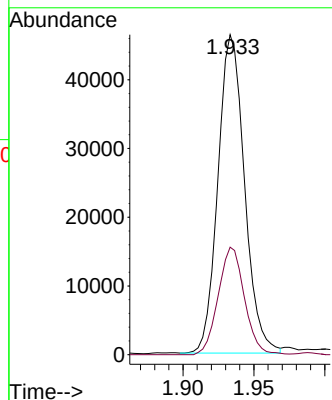
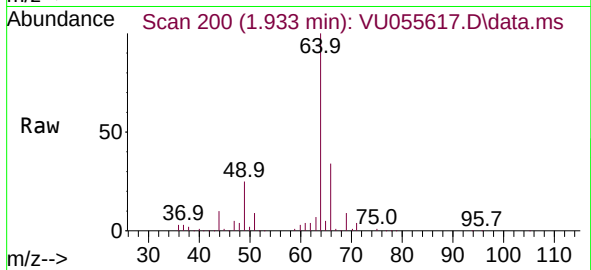




#8
Chloroethane
Concen: 5.444 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

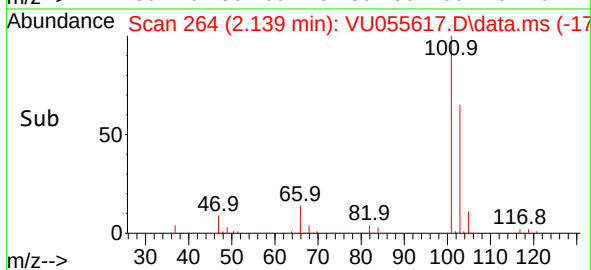
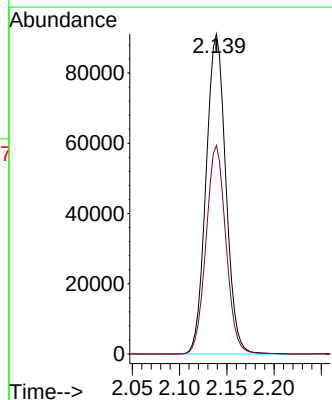
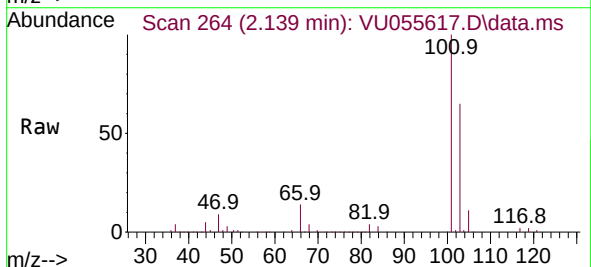
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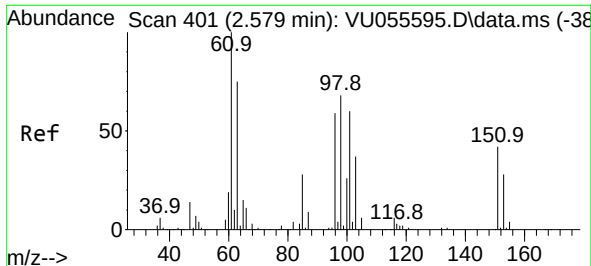
Tgt Ion: 64 Resp: 60420
Ion Ratio Lower Upper
64 100
66 33.6 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.617 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:101 Resp: 132480
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

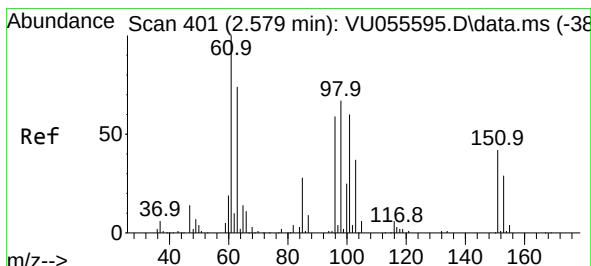
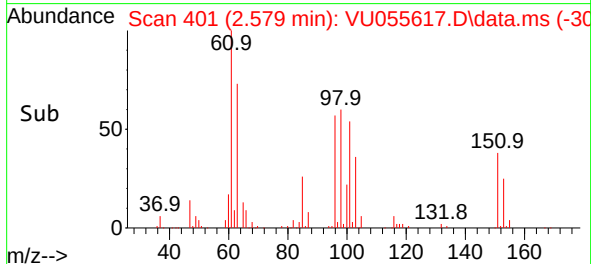
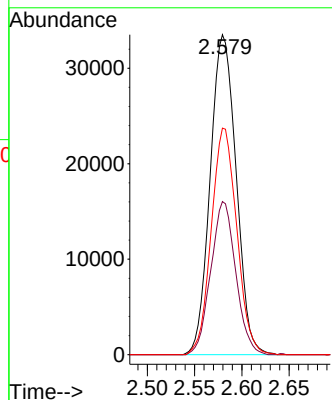
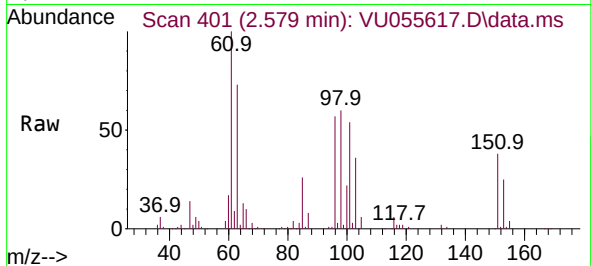




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.458 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

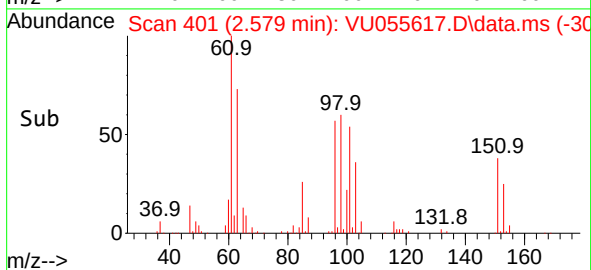
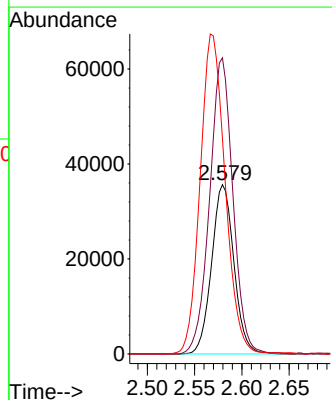
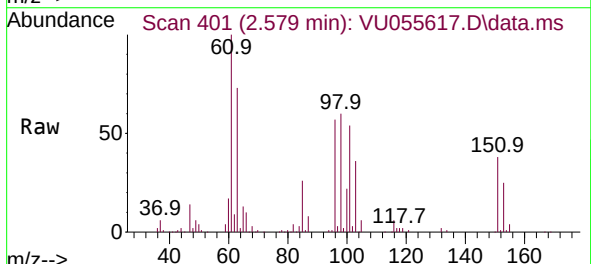
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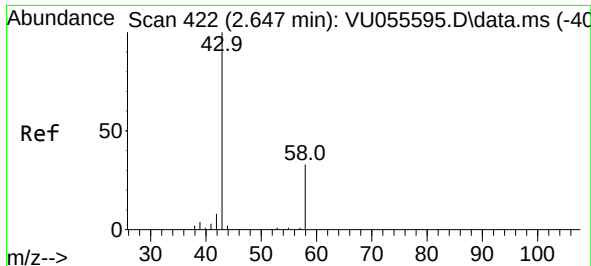
Tgt Ion:101 Resp: 63982
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.8 53.6
 151 69.7 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.546 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

Tgt Ion: 96 Resp: 58502
 Ion Ratio Lower Upper
 96 100
 61 174.9 114.5 212.7
 63 127.4 98.3 182.5





#13

Acetone

Concen: 45.193 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

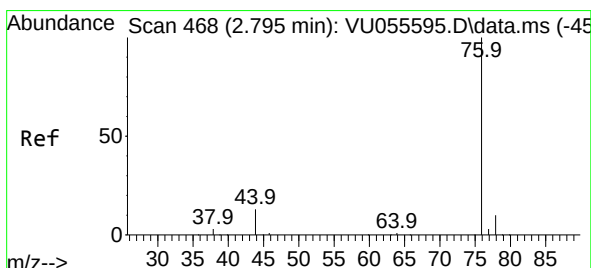
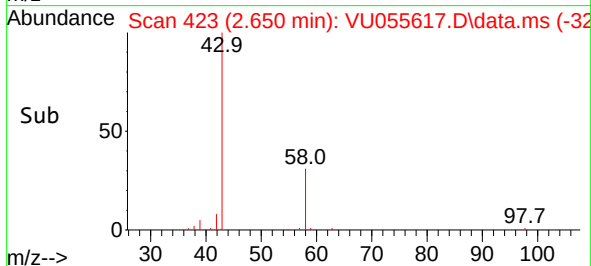
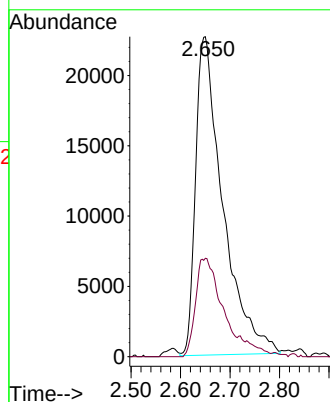
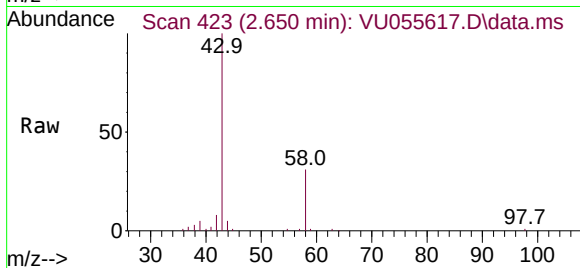
ClientSampleId :

Tgt Ion: 43 Resp: 86569

Ion Ratio Lower Upper

43 100

58 28.7 0.0 72.2



#14

Carbon disulfide

Concen: 4.718 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055617.D

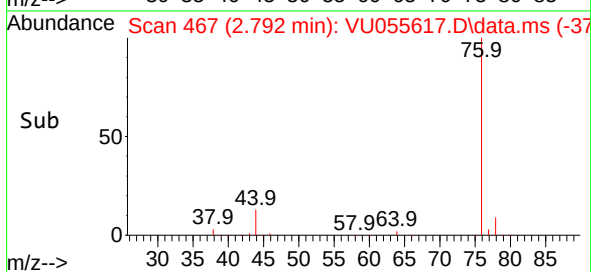
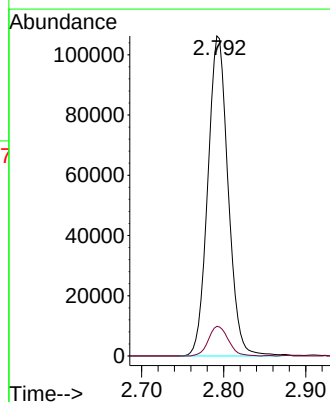
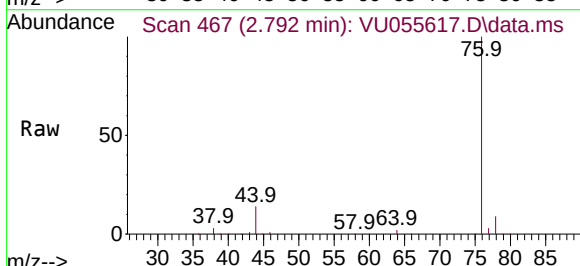
Acq: 02 Oct 2023 20:18

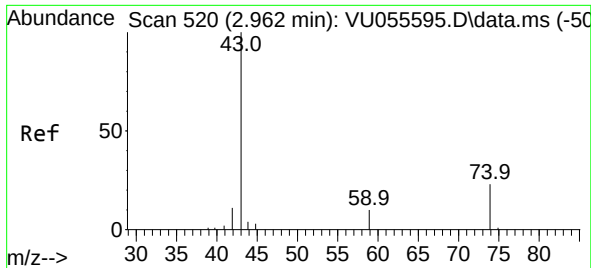
Tgt Ion: 76 Resp: 182547

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

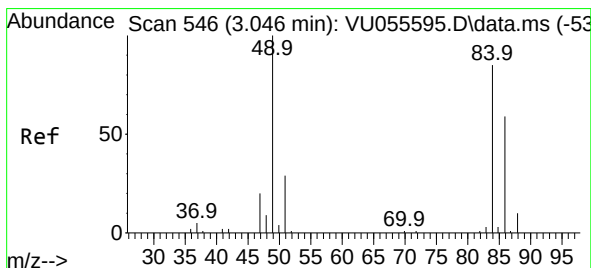
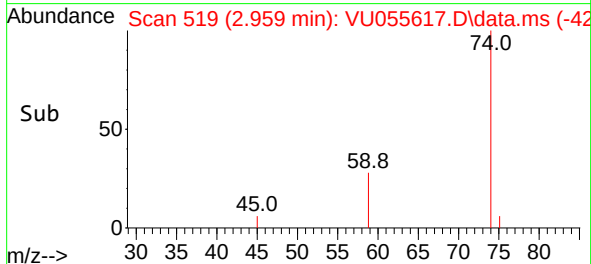
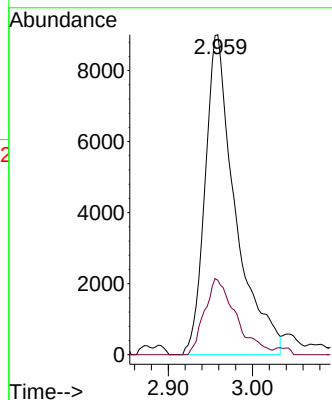
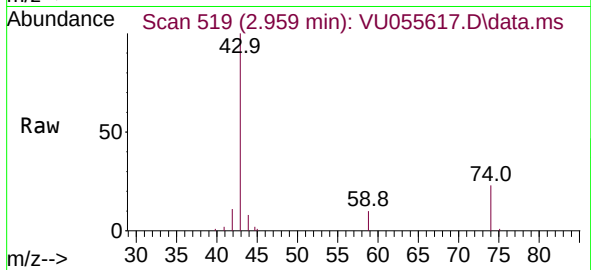




#15
Methyl Acetate
Concen: 5.137 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

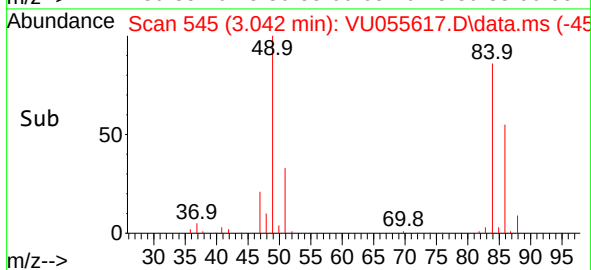
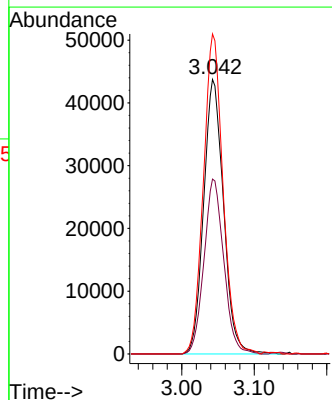
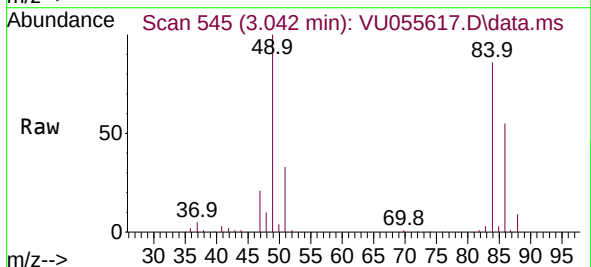
Instrument :
MSVOA_U
ClientSampleId :

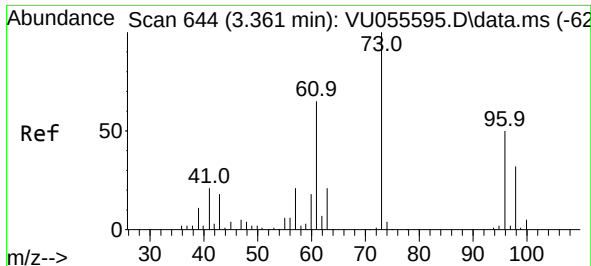
Tgt Ion: 43 Resp: 22436
Ion Ratio Lower Upper
43 100
74 24.8 22.3 33.5



#16
Methylene chloride
Concen: 5.392 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion: 84 Resp: 83142
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.3
49 116.5 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 4.924 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.003 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

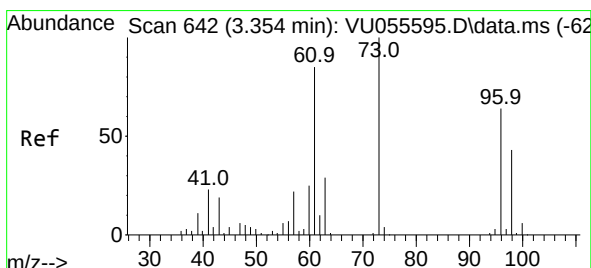
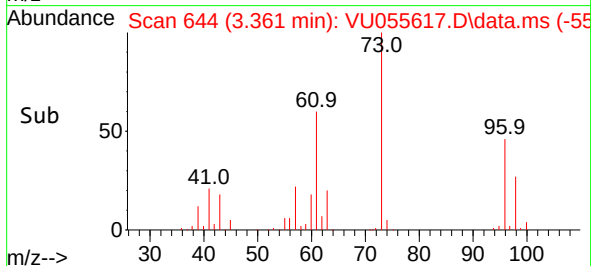
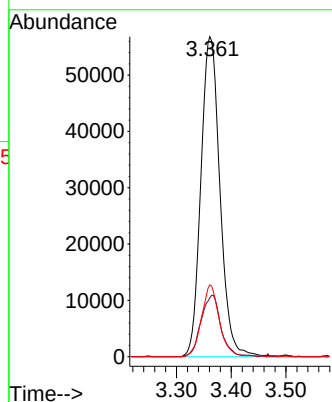
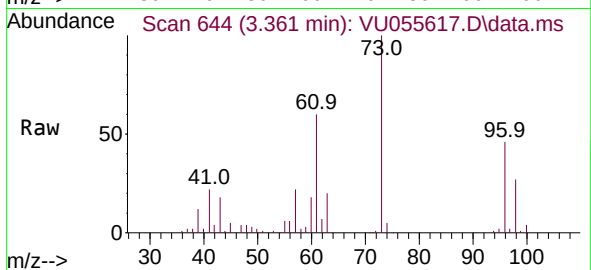
Tgt Ion: 73 Resp: 137487

Ion Ratio Lower Upper

73 100

43 19.9 14.9 22.3

57 20.9 17.3 25.9



#18

trans-1,2-Dichloroethene

Concen: 4.765 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

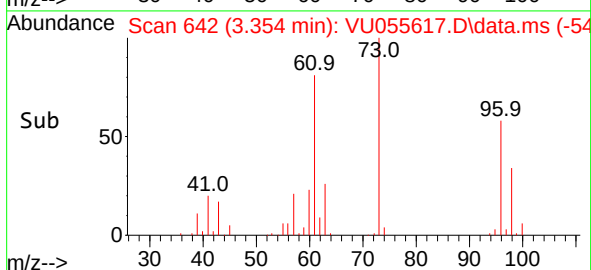
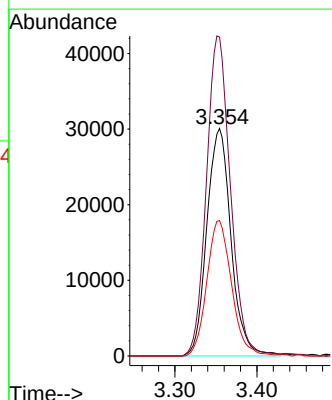
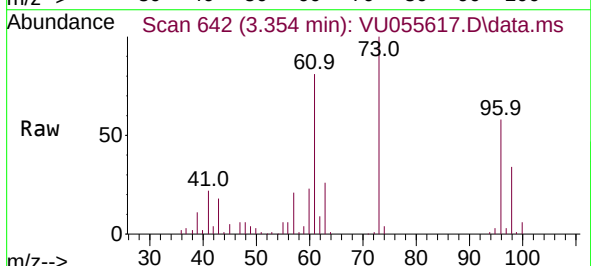
Tgt Ion: 96 Resp: 61809

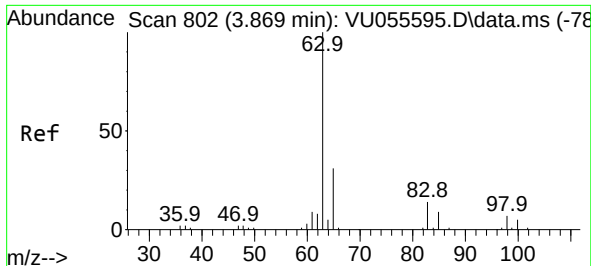
Ion Ratio Lower Upper

96 100

61 140.2 94.6 175.6

98 59.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.012 ug/L

RT: 3.866 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

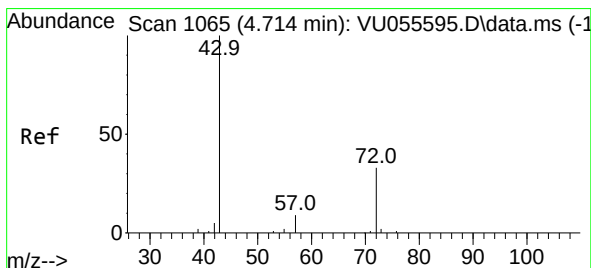
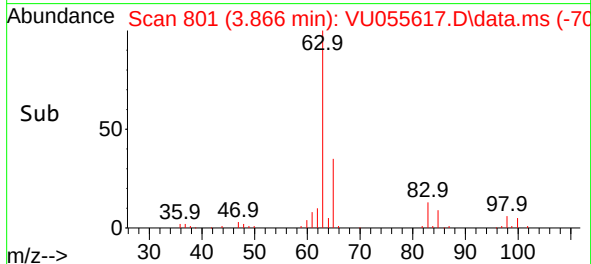
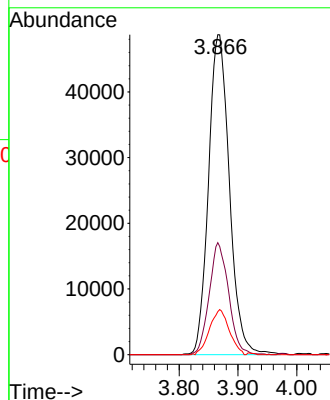
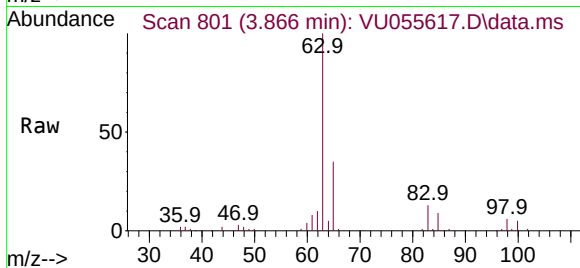
Tgt Ion: 63 Resp: 120230

Ion Ratio Lower Upper

63 100

65 35.0 22.0 41.0

83 13.4 10.1 18.9



#21

2-Butanone

Concen: 50.785 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VU055617.D

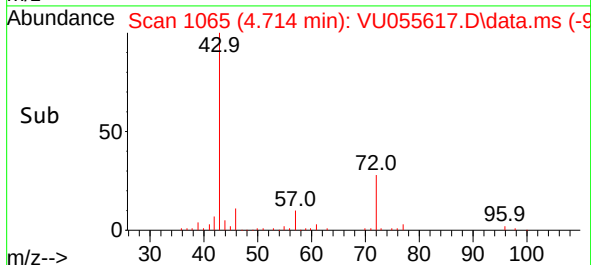
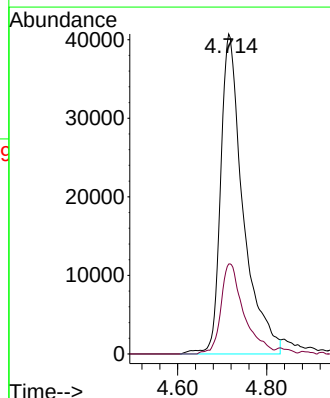
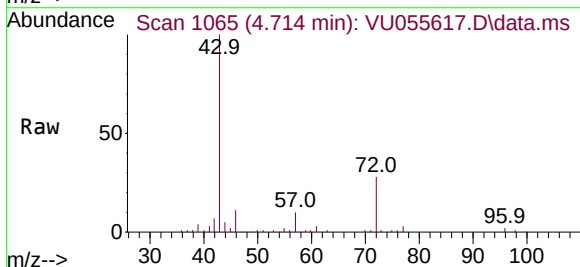
Acq: 02 Oct 2023 20:18

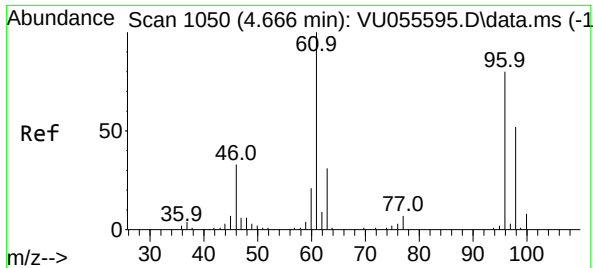
Tgt Ion: 43 Resp: 142677

Ion Ratio Lower Upper

43 100

72 28.7 15.1 45.3

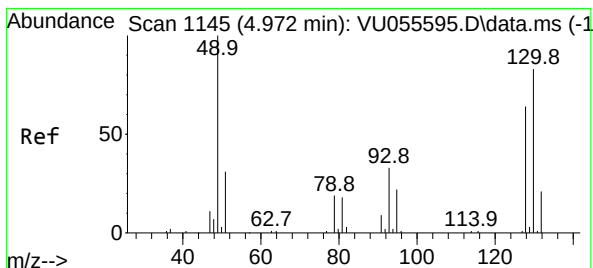
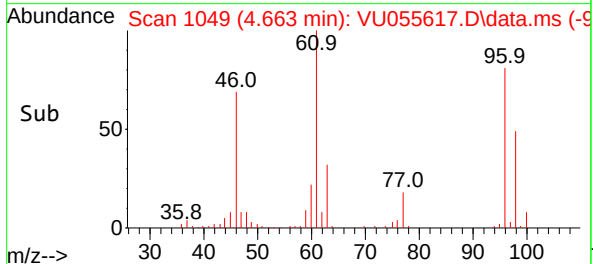
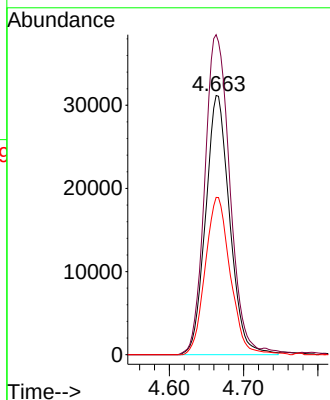
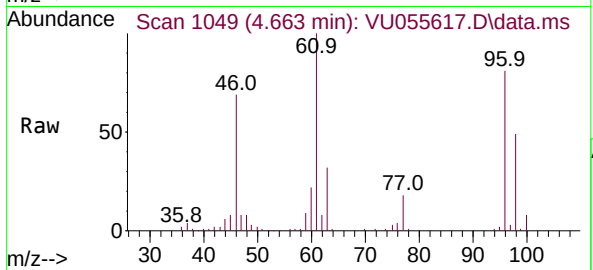




#22
 cis-1,2-Dichloroethene
 Concen: 4.683 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

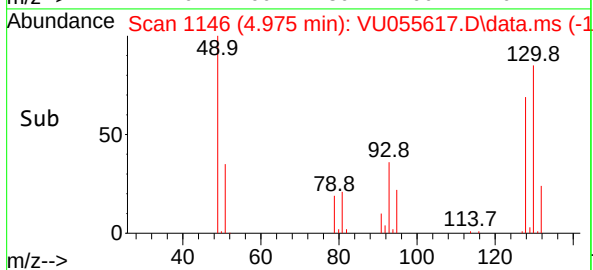
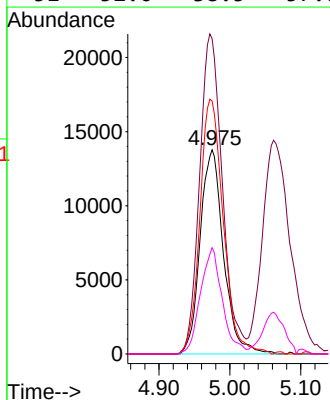
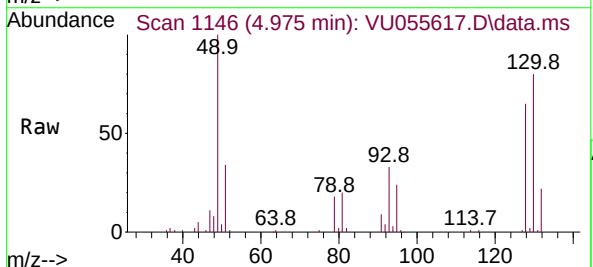
Instrument :
 MSVOA_U
 ClientSampleId :

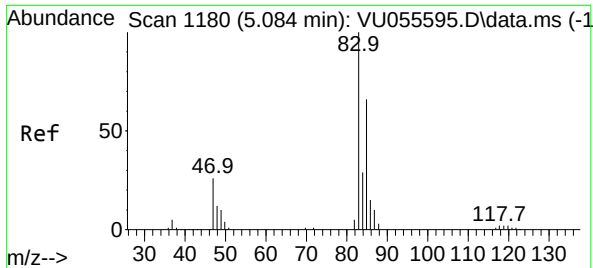
Tgt Ion:	96	Resp:	70431
Ion	Ratio	Lower	Upper
96	100		
61	123.4	87.8	163.2
98	60.7	44.4	82.4



#23
 Bromochloromethane
 Concen: 4.961 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055617.D
 Acq: 02 Oct 2023 20:18

Tgt Ion:	128	Resp:	31535
Ion	Ratio	Lower	Upper
128	100		
49	154.5	102.8	191.0
130	123.9	89.9	166.9
51	52.0	38.5	57.7

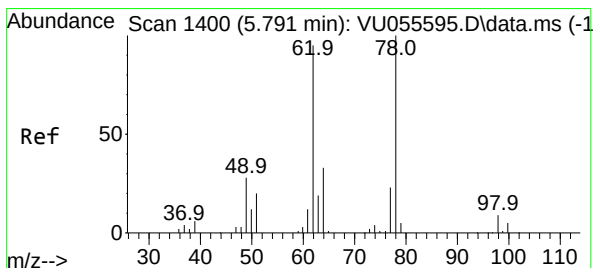
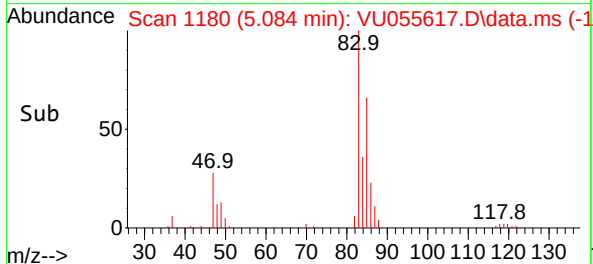
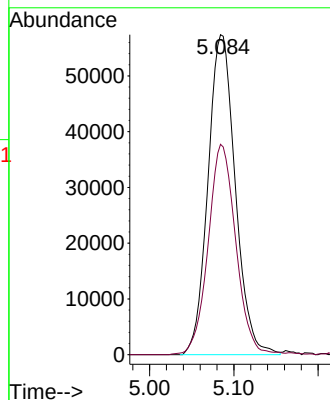
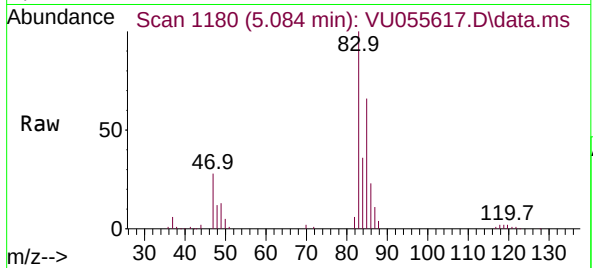




#25
Chloroform
Concen: 5.086 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

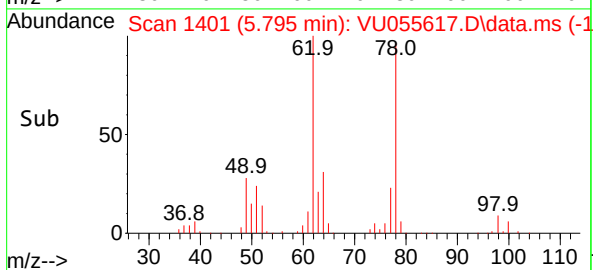
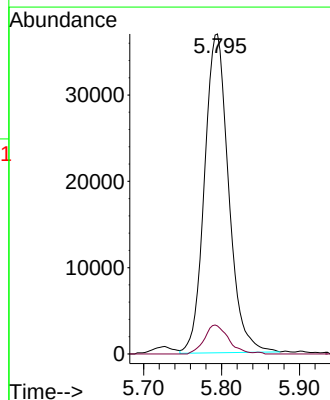
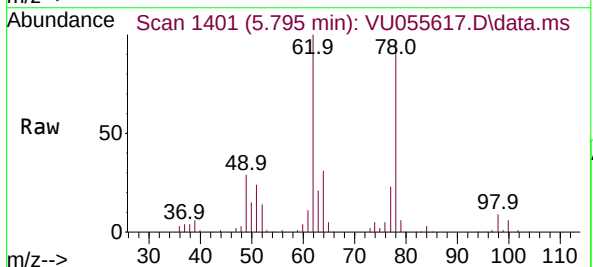
Instrument :
MSVOA_U
ClientSampleId :

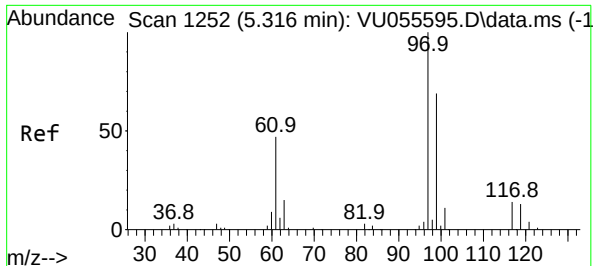
Tgt Ion: 83 Resp: 129201
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.5



#27
1,2-Dichloroethane
Concen: 5.111 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion: 62 Resp: 79626
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.106 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

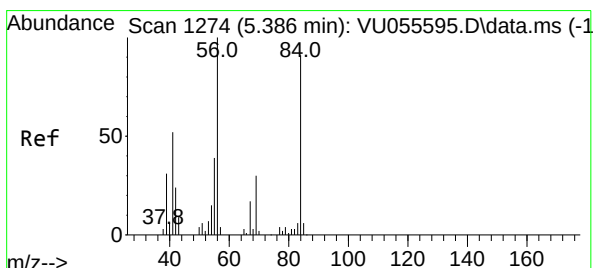
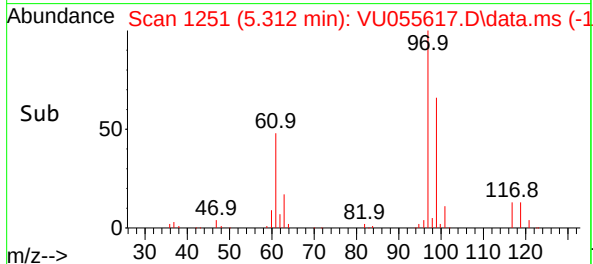
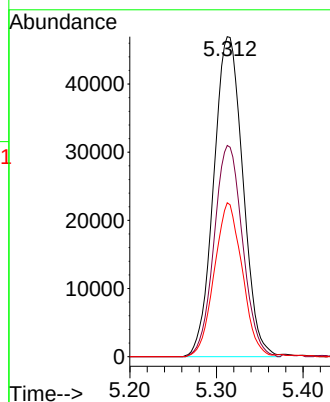
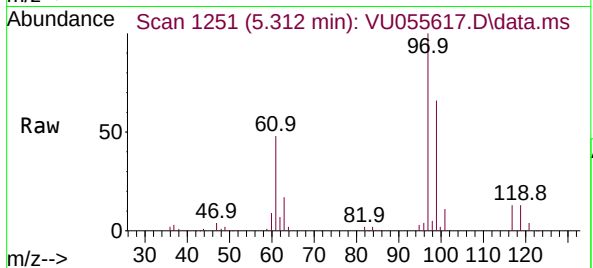
Tgt Ion: 97 Resp: 109953

Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

61 45.9 34.6 51.8



#30

Cyclohexane

Concen: 4.693 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

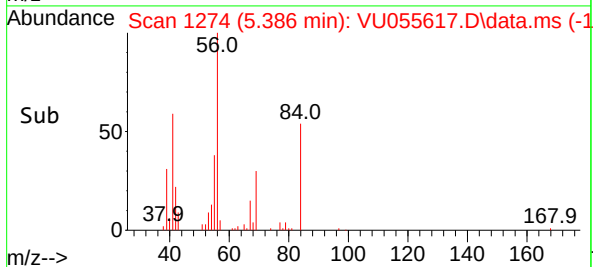
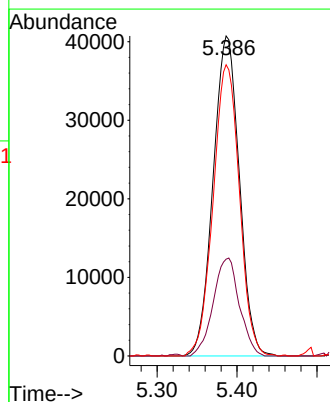
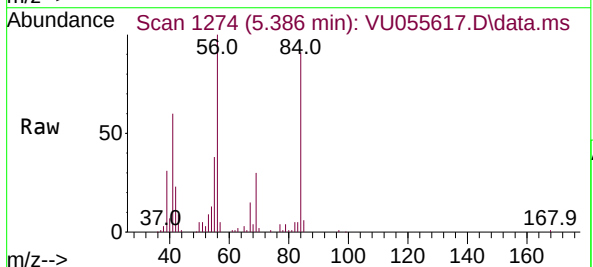
Tgt Ion: 56 Resp: 92509

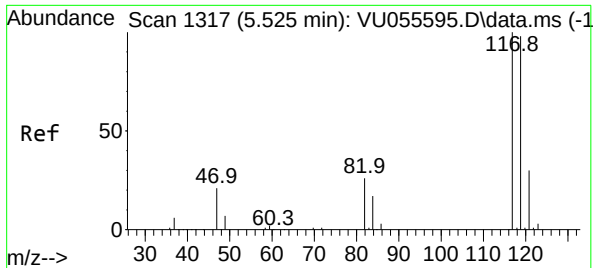
Ion Ratio Lower Upper

56 100

69 30.6 26.5 39.7

84 91.2 72.6 108.8

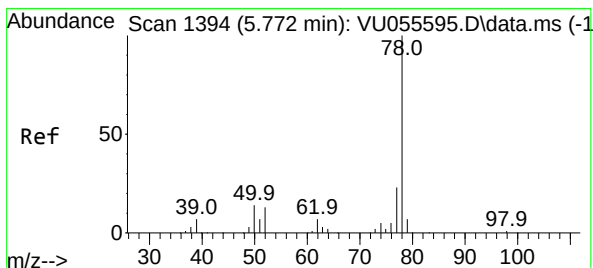
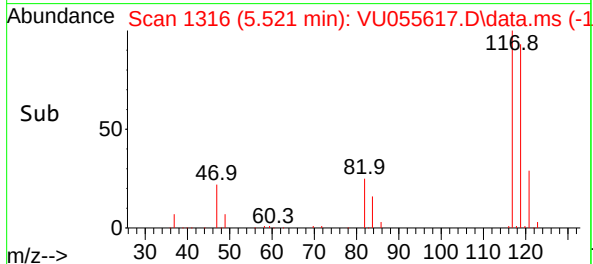
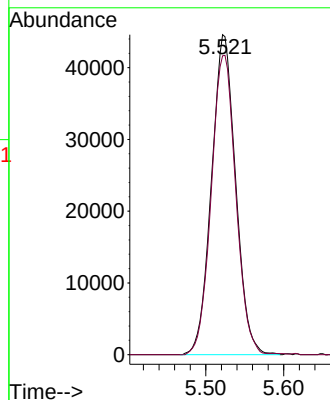
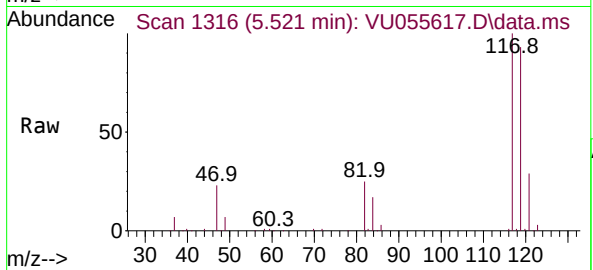




#31
Carbon tetrachloride
Concen: 5.208 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

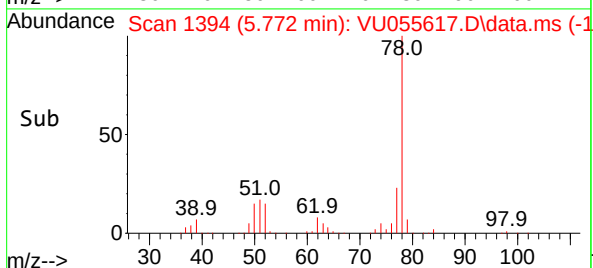
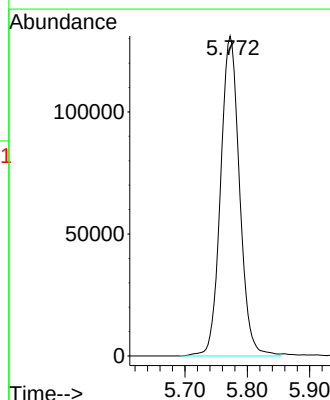
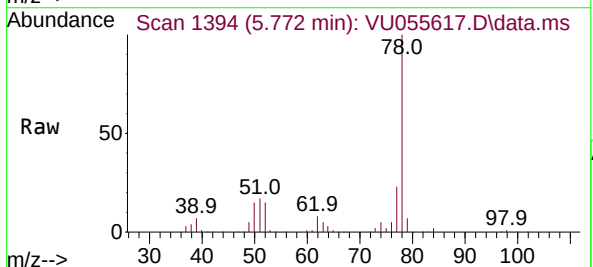
Instrument :
MSVOA_U
ClientSampleId :

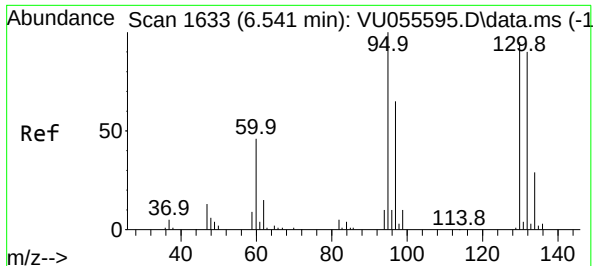
Tgt Ion:117 Resp: 96129
Ion Ratio Lower Upper
117 100
119 95.1 75.2 112.8



#33
Benzene
Concen: 5.096 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion: 78 Resp: 277050





#34

Trichloroethene

Concen: 4.863 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 74780

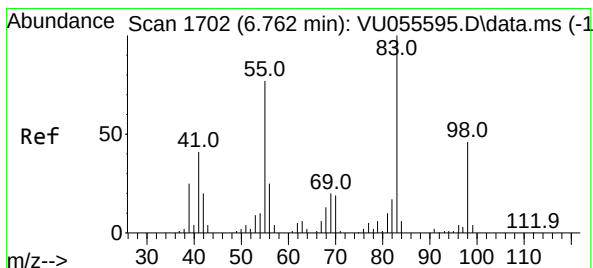
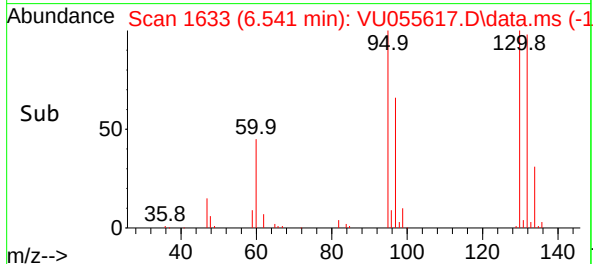
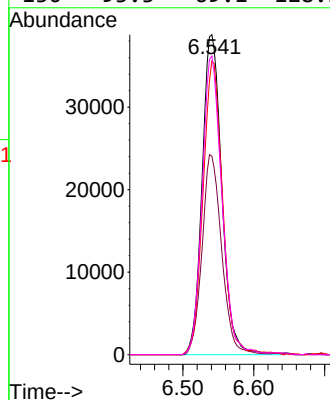
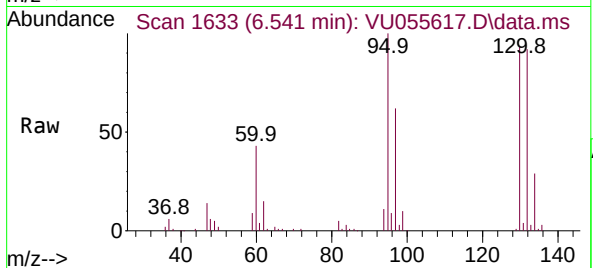
Ion Ratio Lower Upper

95 100

97 62.0 45.4 84.2

132 91.8 65.2 121.2

130 93.3 69.1 128.3



#35

Methylcyclohexane

Concen: 4.545 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

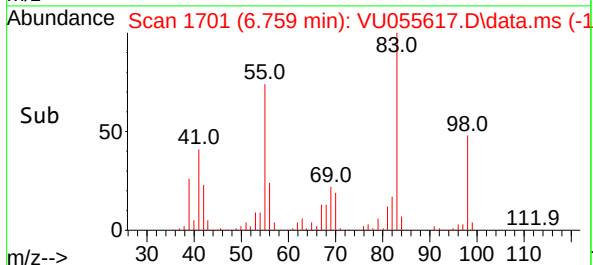
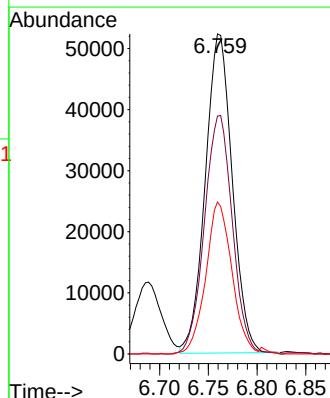
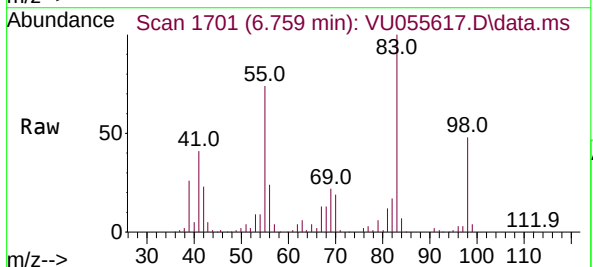
Tgt Ion: 83 Resp: 100680

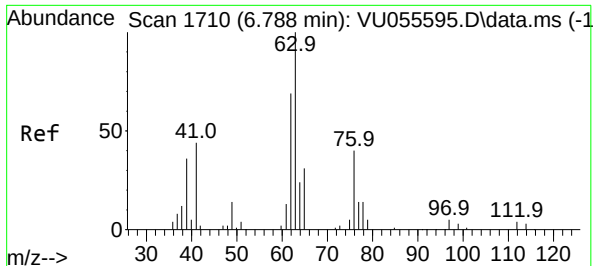
Ion Ratio Lower Upper

83 100

55 77.4 59.1 88.7

98 46.0 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.093 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

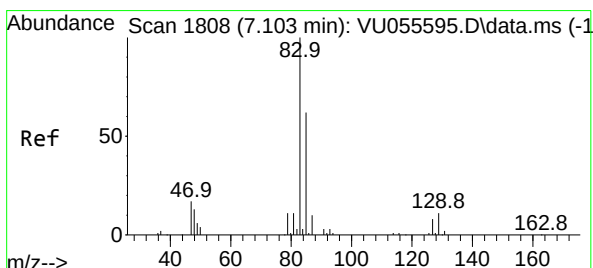
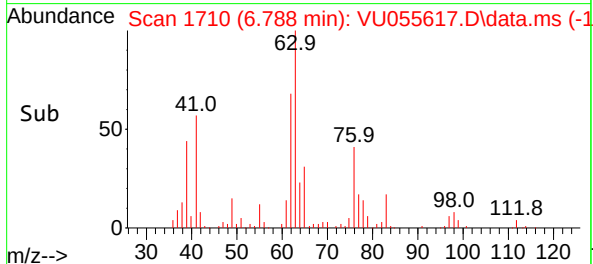
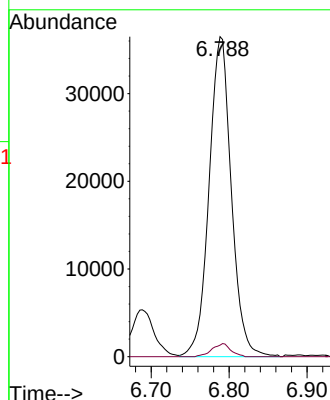
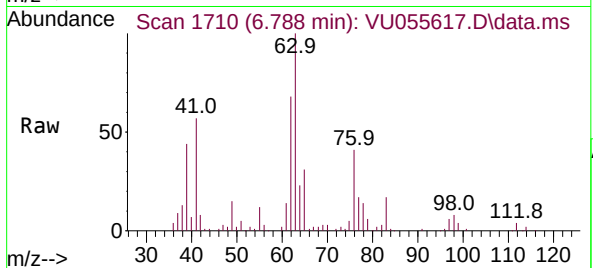
ClientSampleId :

Tgt Ion: 63 Resp: 72405

Ion Ratio Lower Upper

63 100

112 3.4 3.0 4.6



#38

Bromodichloromethane

Concen: 5.321 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

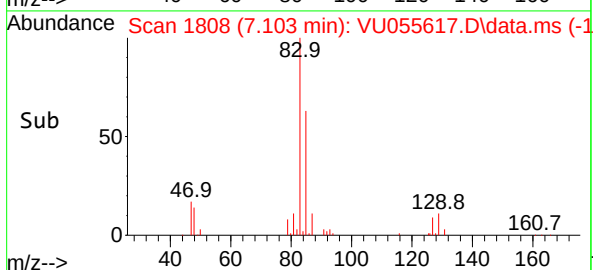
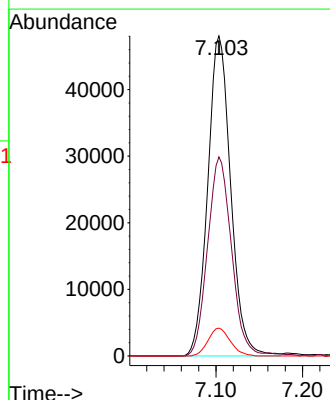
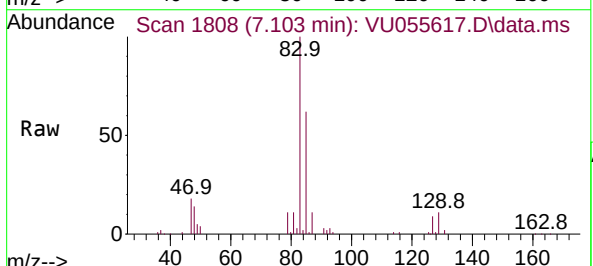
Tgt Ion: 83 Resp: 88648

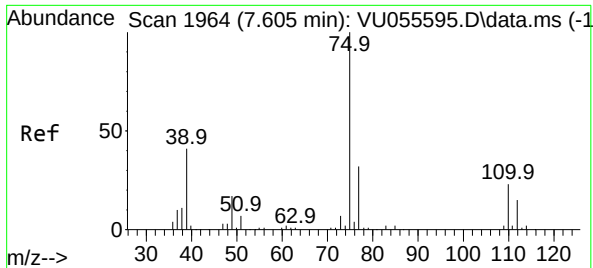
Ion Ratio Lower Upper

83 100

85 62.2 46.8 86.8

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.962 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

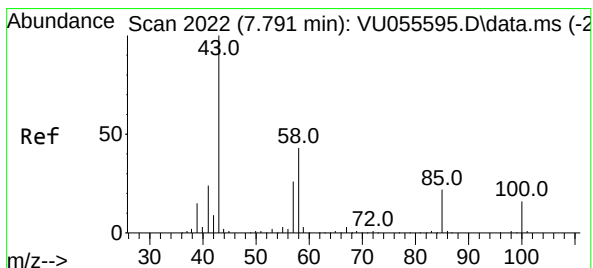
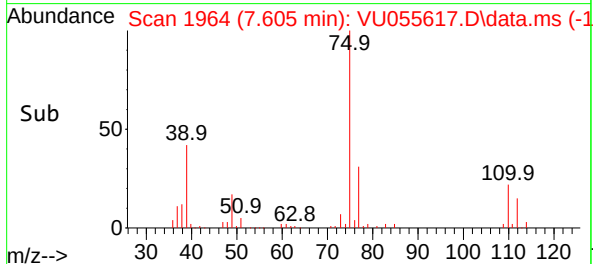
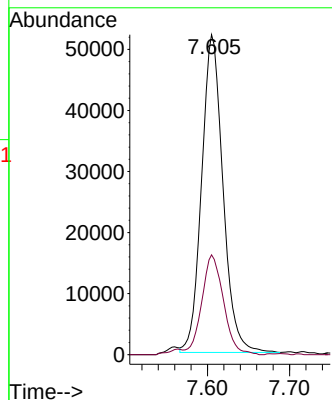
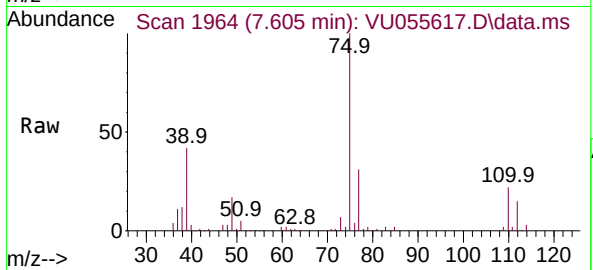
ClientSampleId :

Tgt Ion: 75 Resp: 94159

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.000 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

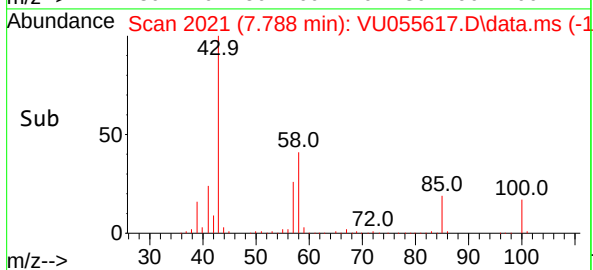
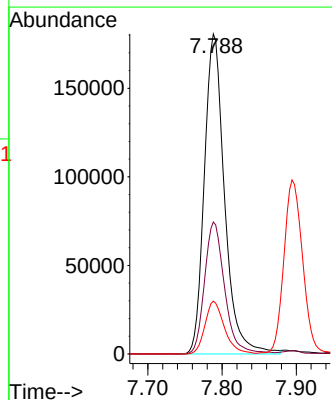
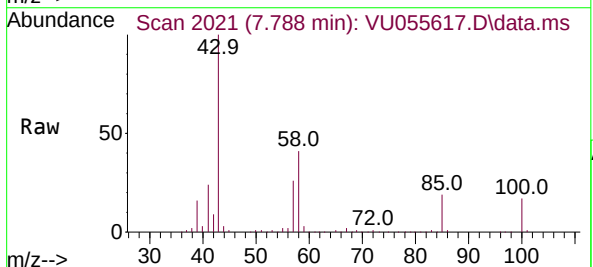
Tgt Ion: 43 Resp: 341813

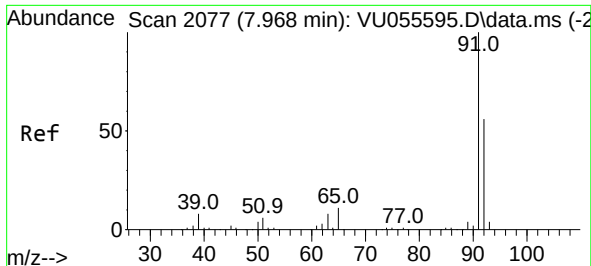
Ion Ratio Lower Upper

43 100

58 41.0 34.2 51.4

100 15.8 13.4 20.0





#42

Toluene

Concen: 5.069 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

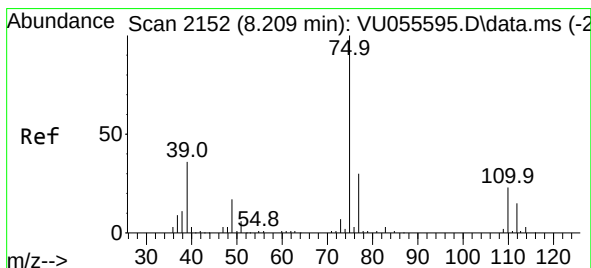
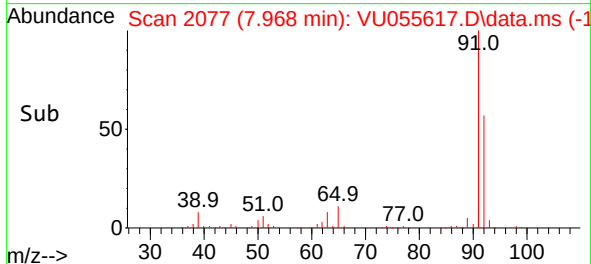
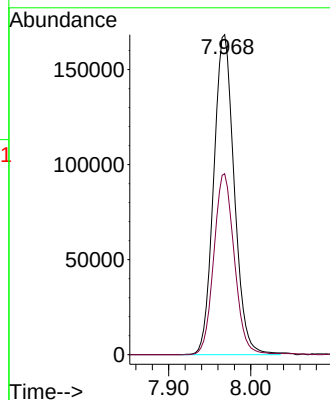
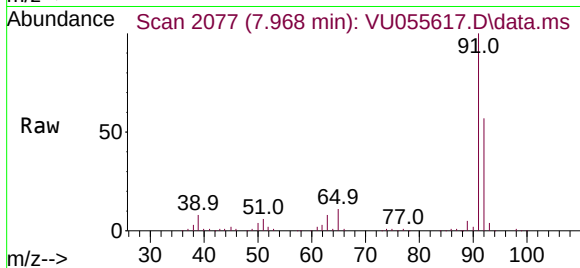
ClientSampleId :

Tgt Ion: 91 Resp: 293943

Ion Ratio Lower Upper

91 100

92 56.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.172 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055617.D

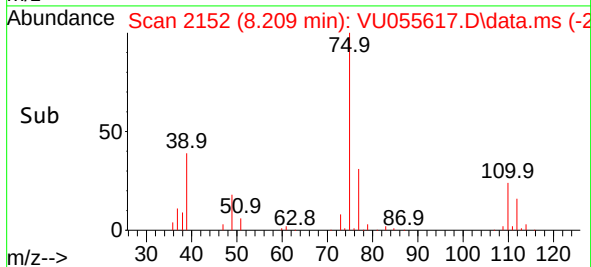
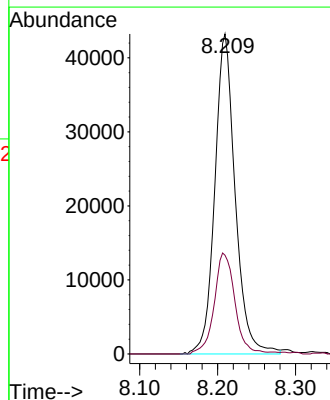
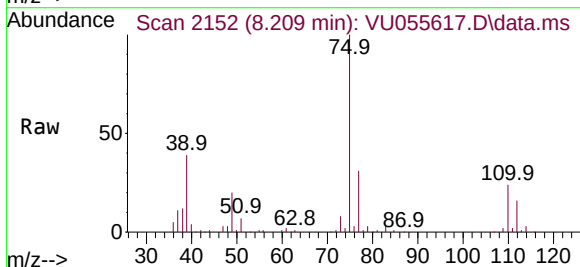
Acq: 02 Oct 2023 20:18

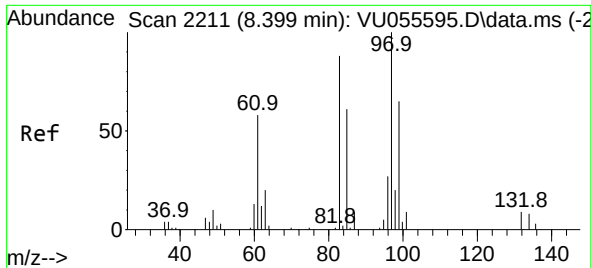
Tgt Ion: 75 Resp: 78529

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

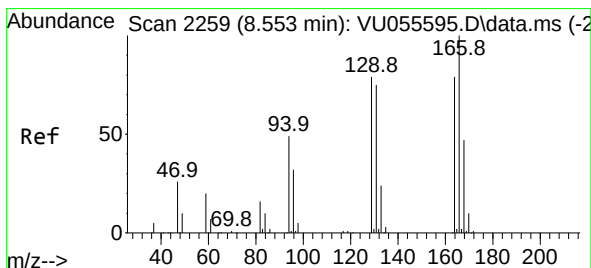
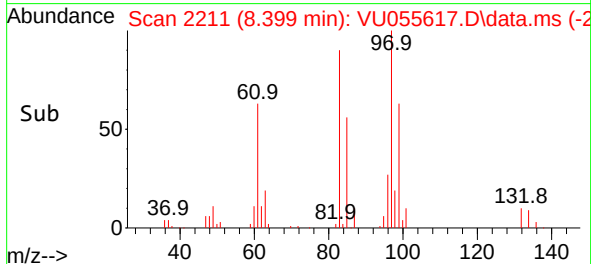
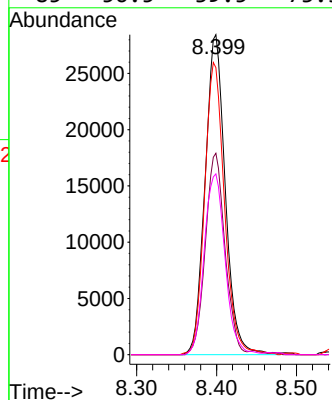
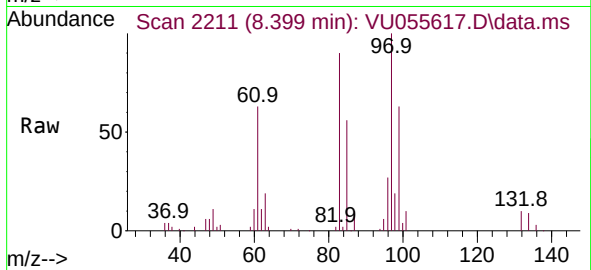




#45
1,1,2-Trichloroethane
Concen: 5.026 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

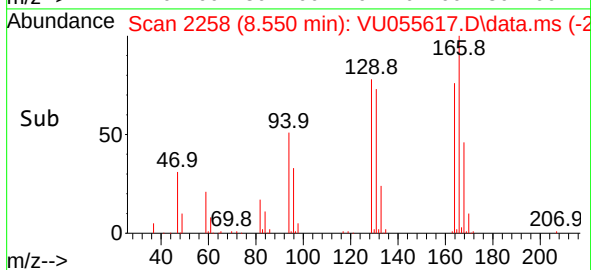
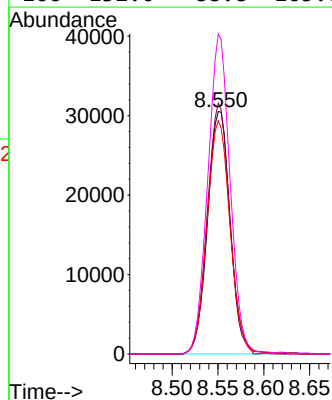
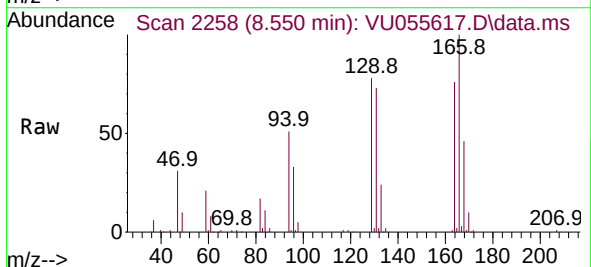
Instrument :
MSVOA_U
ClientSampleId :

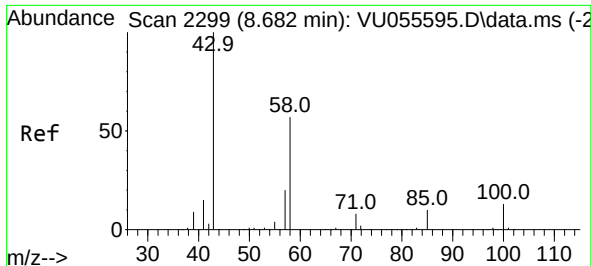
Tgt Ion:	97	Resp:	50106
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.1	81.9
83	89.7	61.5	114.1
85	56.5	39.5	73.3



#47
Tetrachloroethene
Concen: 4.788 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:	164	Resp:	52817
Ion	Ratio	Lower	Upper
164	100		
129	103.5	67.4	125.2
131	96.3	66.4	123.2
166	132.0	88.8	165.0

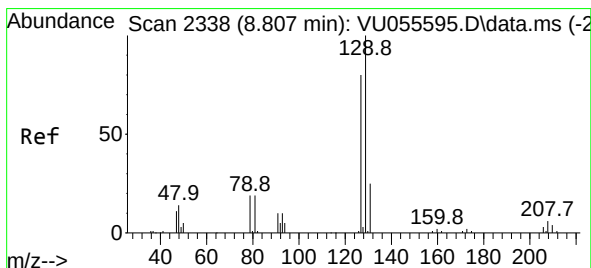
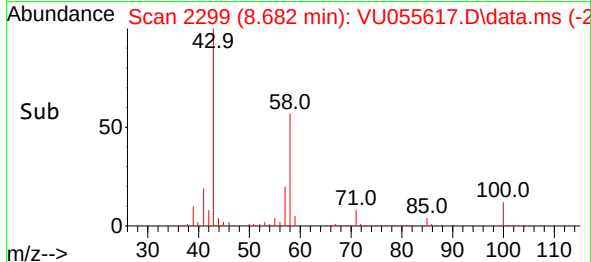
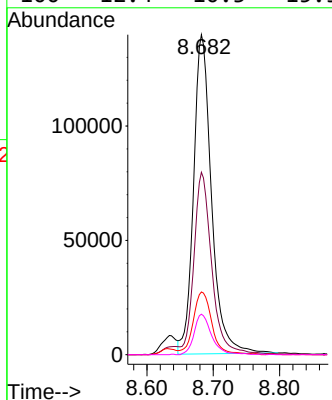
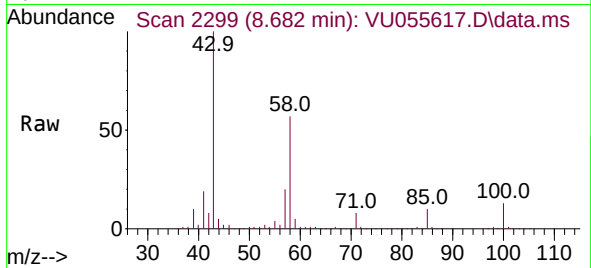




#48
2-Hexanone
Concen: 52.705 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

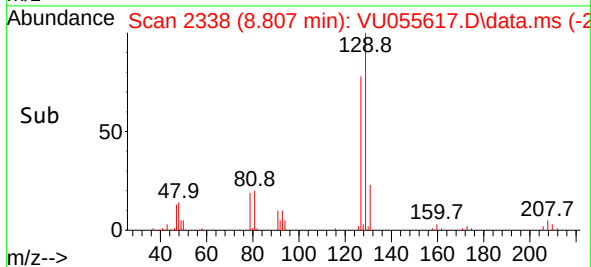
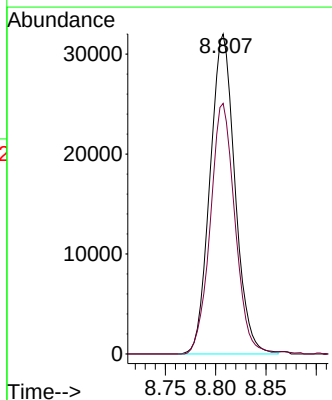
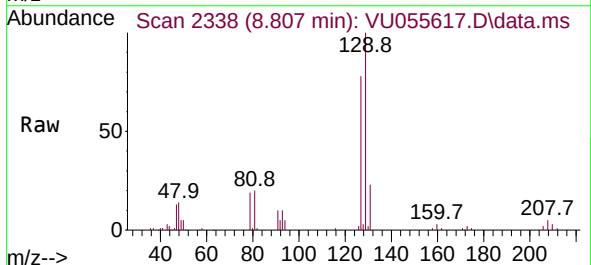
Instrument :
MSVOA_U
ClientSampleId :

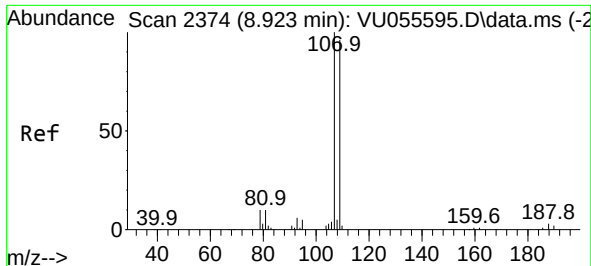
Tgt Ion: 43 Resp: 263436
Ion Ratio Lower Upper
43 100
58 56.3 48.5 72.7
57 19.7 17.0 25.4
100 12.4 10.3 15.5



#49
Dibromochloromethane
Concen: 5.286 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:129 Resp: 55237
Ion Ratio Lower Upper
129 100
127 78.3 56.8 105.6

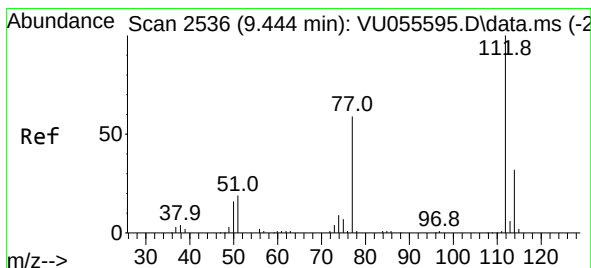
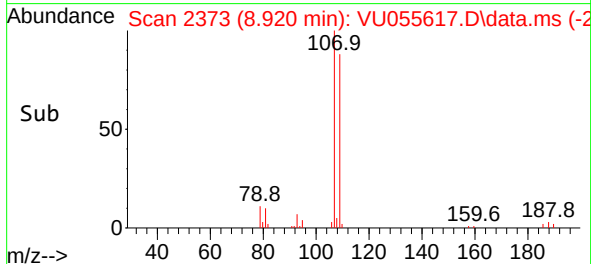
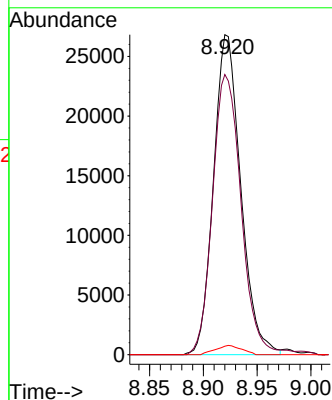
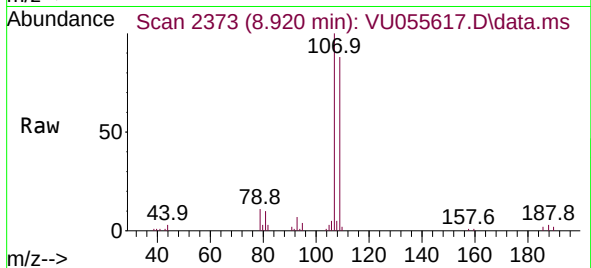




#50
1,2-Dibromoethane
Concen: 5.109 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

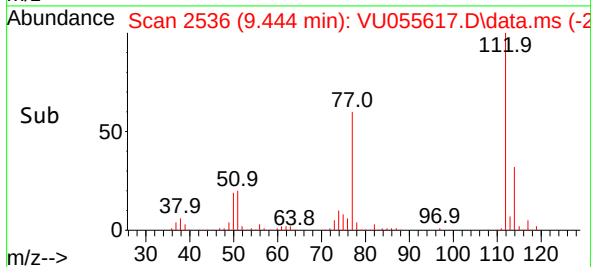
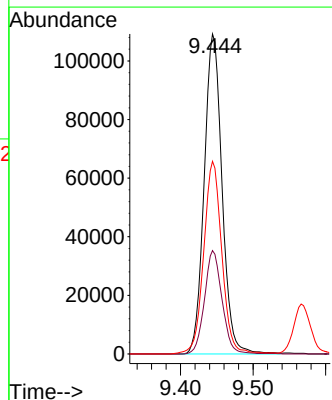
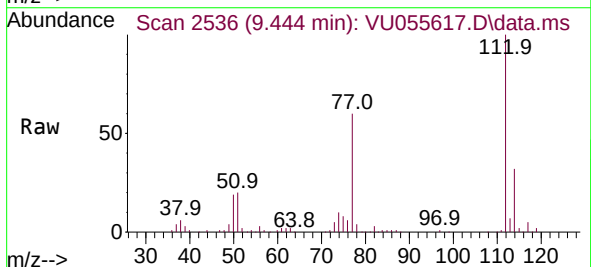
Instrument :
MSVOA_U
ClientSampleId :

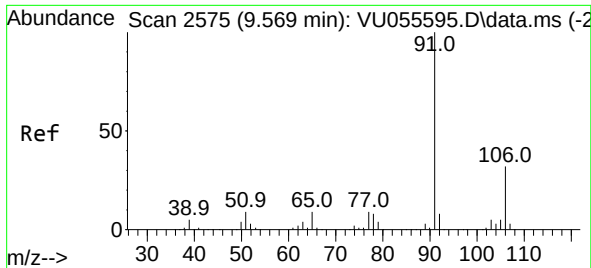
Tgt Ion:107 Resp: 47267
Ion Ratio Lower Upper
107 100
109 87.5 66.1 122.8
188 2.6 3.2 4.8#



#51
Chlorobenzene
Concen: 5.043 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:112 Resp: 187316
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 60.2 46.9 70.3

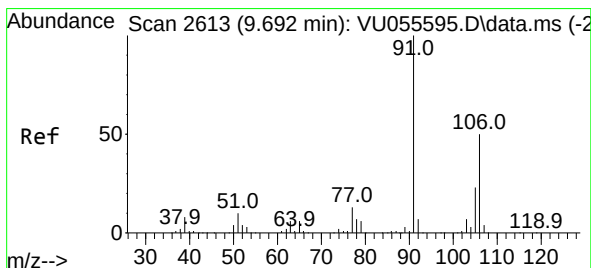
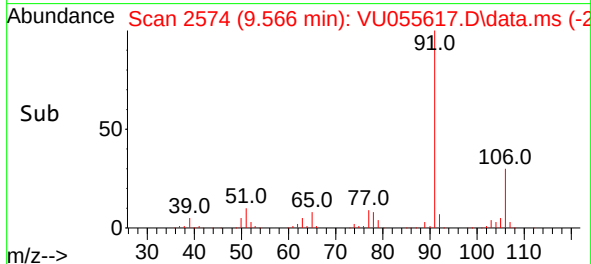
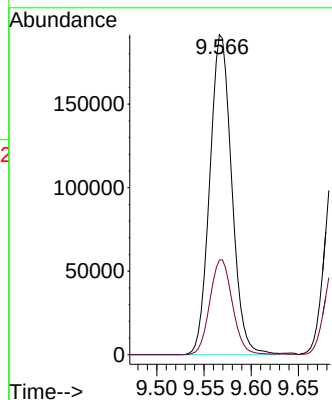
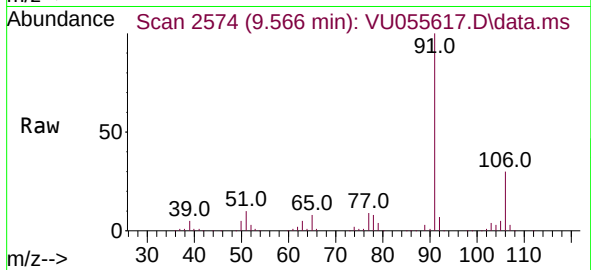




#52
Ethylbenzene
Concen: 4.978 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

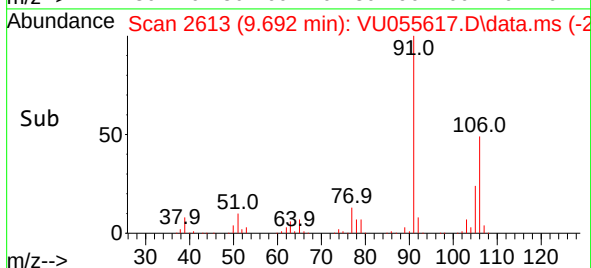
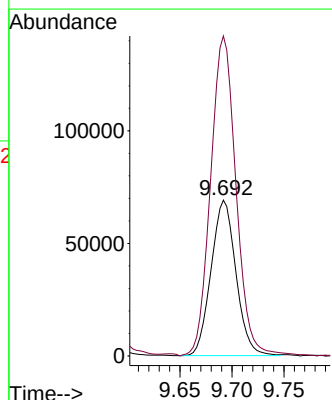
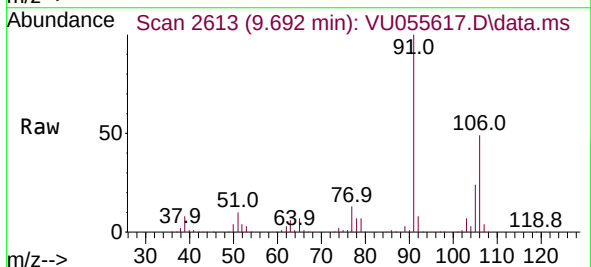
Instrument :
MSVOA_U
ClientSampleId :

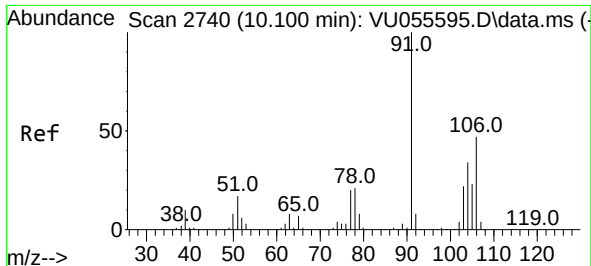
Tgt Ion: 91 Resp: 309486
Ion Ratio Lower Upper
91 100
106 29.6 22.4 41.6



#53
m,p-Xylene
Concen: 4.930 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion: 106 Resp: 114847
Ion Ratio Lower Upper
106 100
91 205.4 144.8 269.0

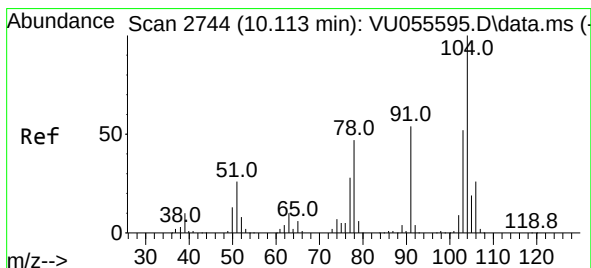
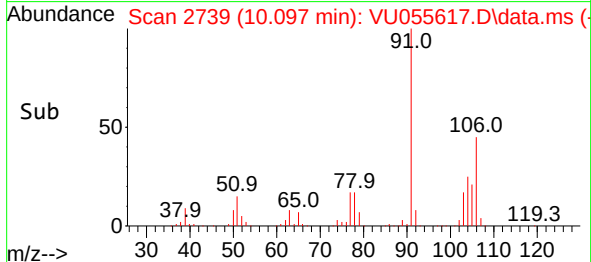
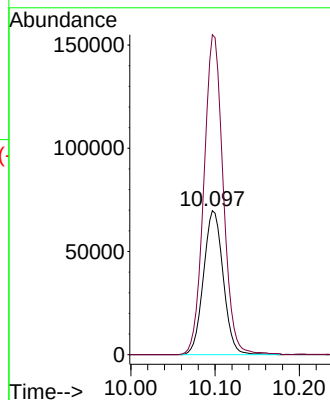
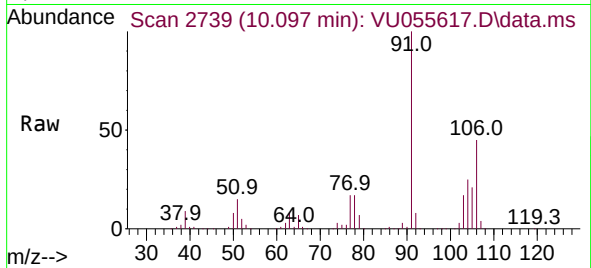




#54
o-Xylene
Concen: 5.021 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

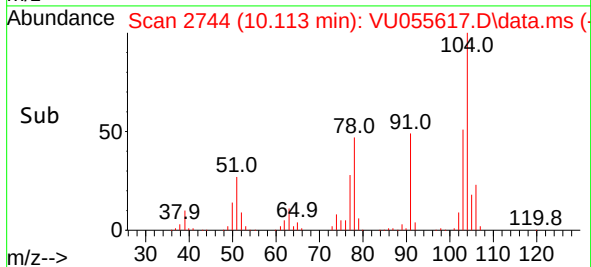
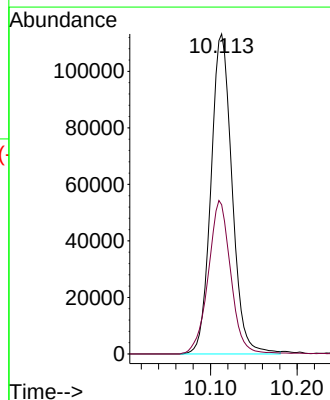
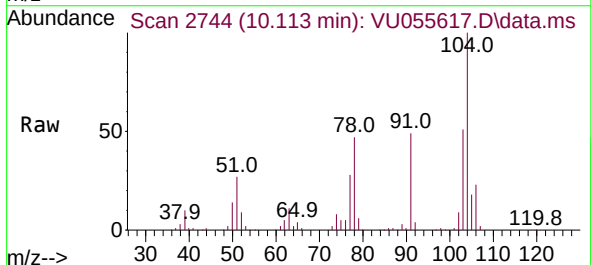
Instrument :
MSVOA_U
ClientSampleId :

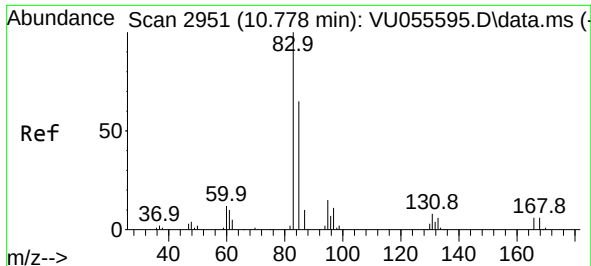
Tgt Ion:106 Resp: 113737
Ion Ratio Lower Upper
106 100
91 222.3 157.6 292.8



#55
Styrene
Concen: 5.226 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:104 Resp: 191407
Ion Ratio Lower Upper
104 100
78 46.7 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.282 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

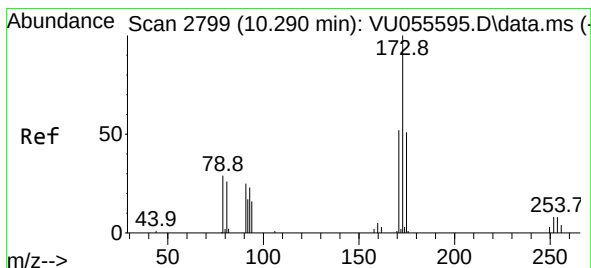
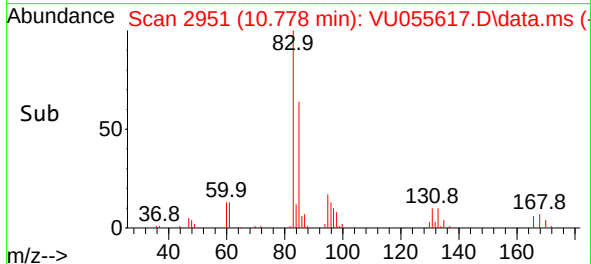
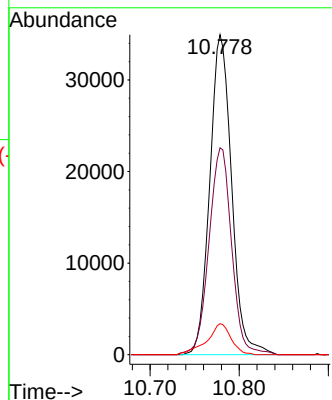
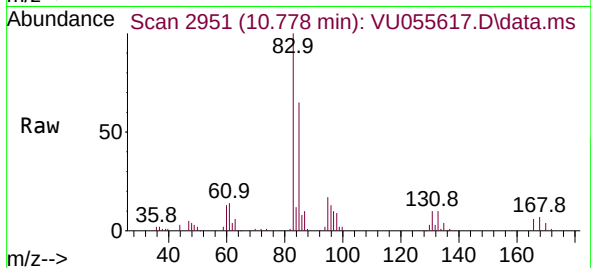
Tgt Ion: 83 Resp: 59444

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.5

131 9.7 7.4 11.2



#59

Bromoform

Concen: 5.153 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

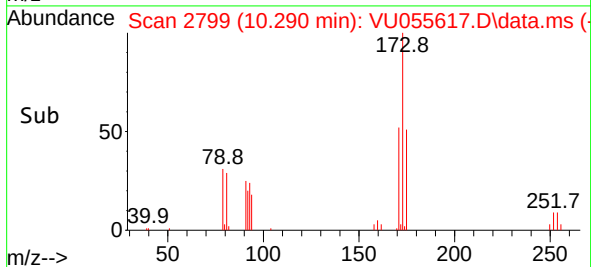
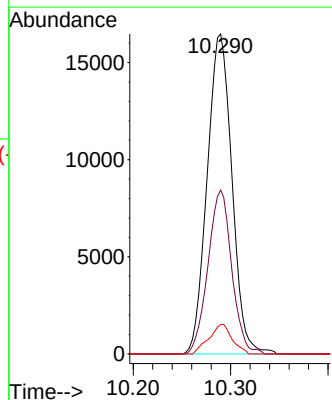
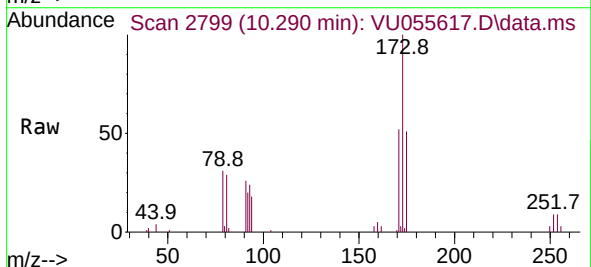
Tgt Ion:173 Resp: 29116

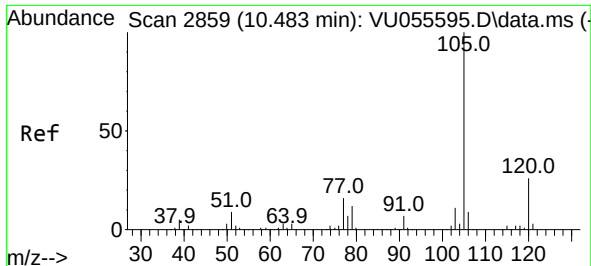
Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.2

254 8.6 7.3 10.9

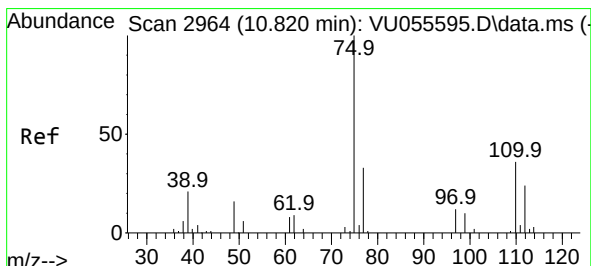
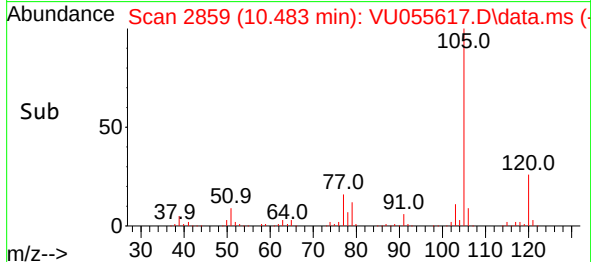
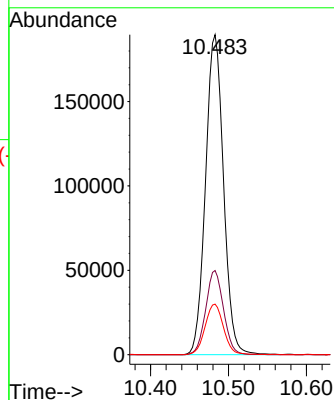
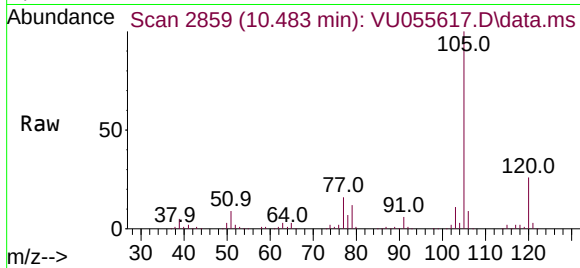




#60
Isopropylbenzene
Concen: 5.006 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

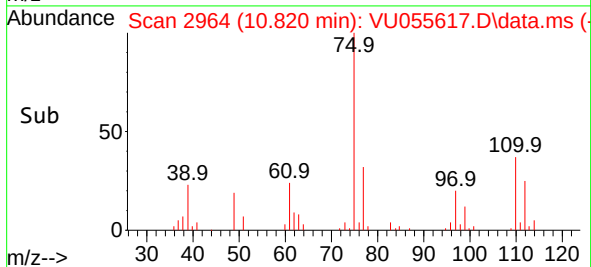
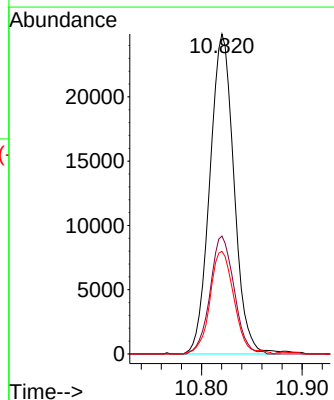
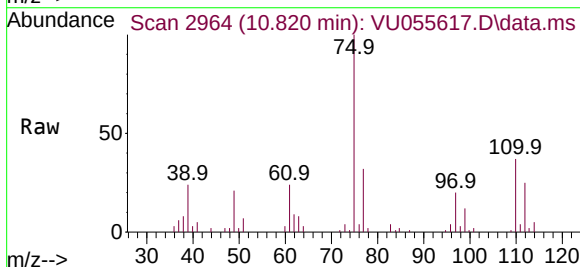
Instrument :
MSVOA_U
ClientSampleId :

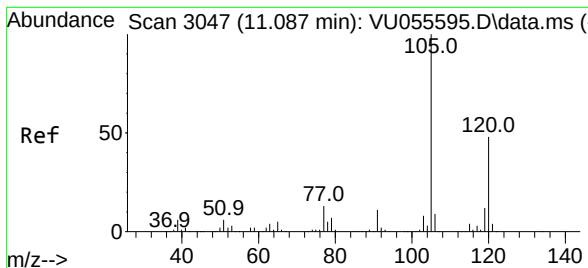
Tgt Ion:105 Resp: 304144
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.047 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion: 75 Resp: 41530
Ion Ratio Lower Upper
75 100
110 36.6 30.6 45.8
77 32.0 26.7 40.1





#62

1,3,5-Trimethylbenzene

Concen: 4.817 ug/L

RT: 11.084 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

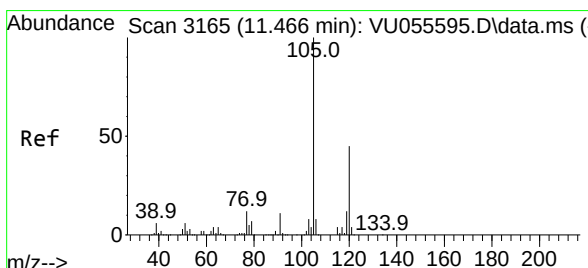
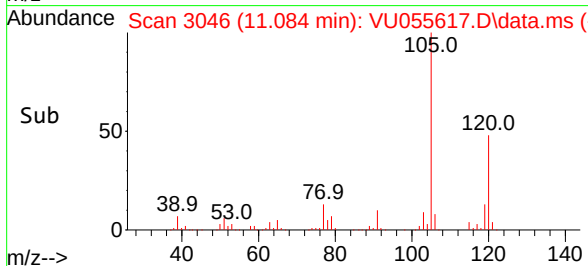
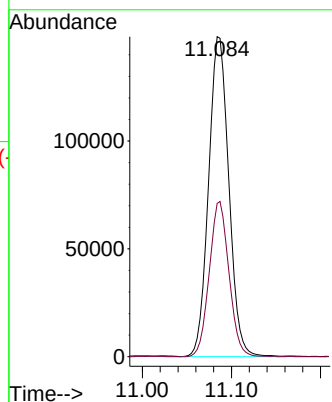
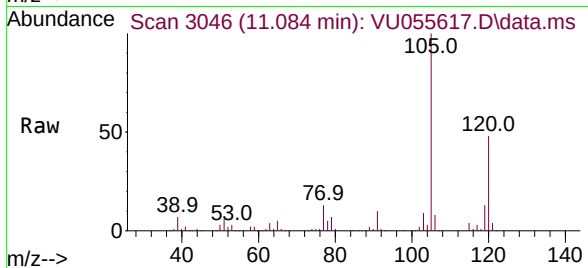
ClientSampleId :

Tgt Ion:105 Resp: 234064

Ion Ratio Lower Upper

105 100

120 47.1 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 4.895 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055617.D

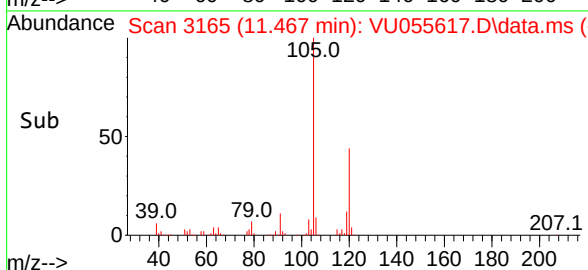
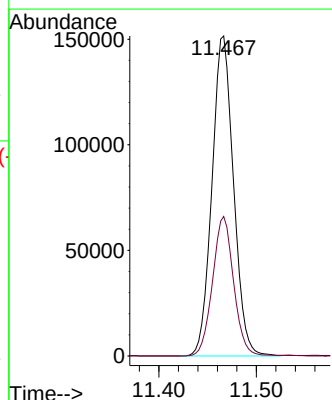
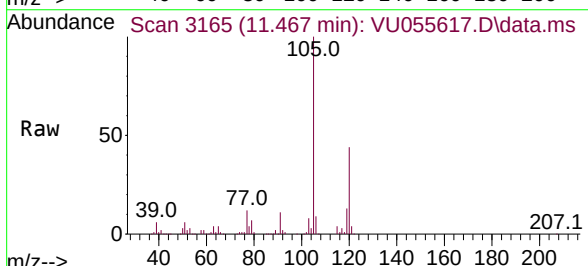
Acq: 02 Oct 2023 20:18

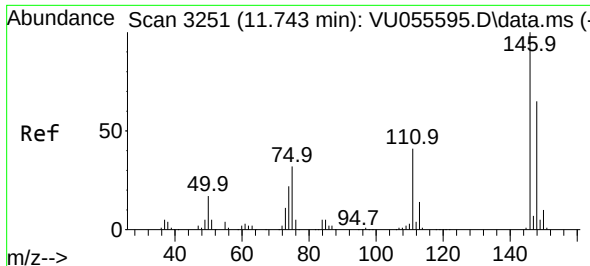
Tgt Ion:105 Resp: 232792

Ion Ratio Lower Upper

105 100

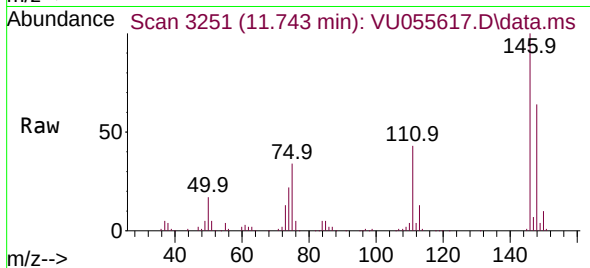
120 42.6 34.9 52.3



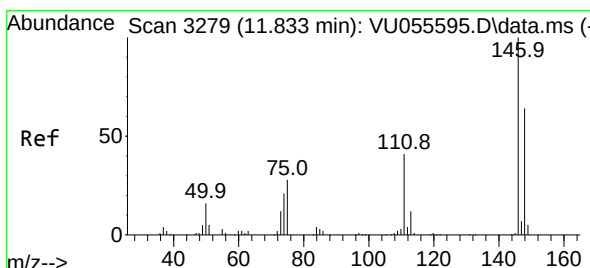
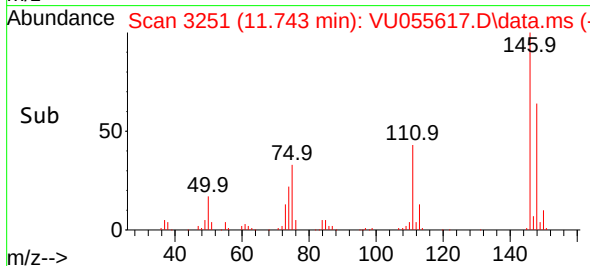
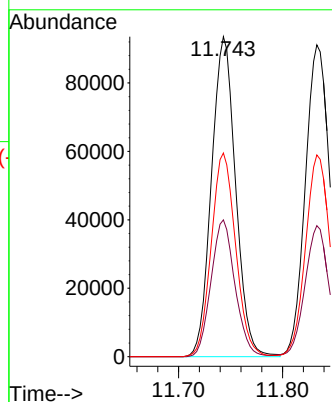


#64
1,3-Dichlorobenzene
Concen: 5.188 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Instrument :
MSVOA_U
ClientSampleId :

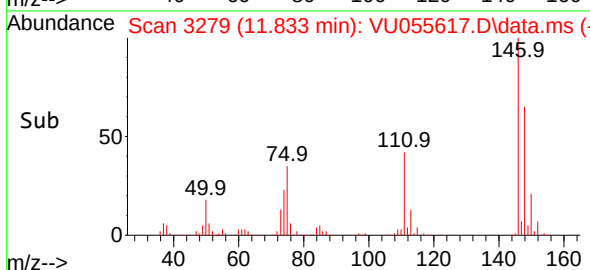
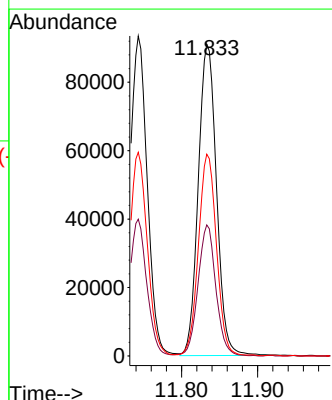
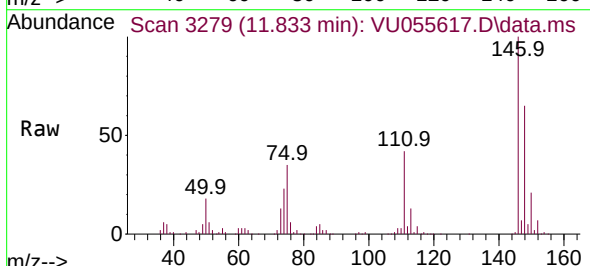


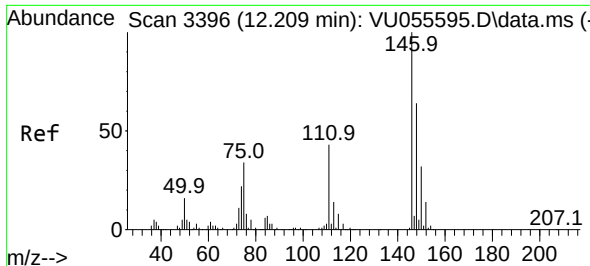
Tgt Ion:146 Resp: 150896
Ion Ratio Lower Upper
146 100
111 42.8 28.8 53.6
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.211 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055617.D
Acq: 02 Oct 2023 20:18

Tgt Ion:146 Resp: 151505
Ion Ratio Lower Upper
146 100
111 42.0 29.0 53.8
148 64.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.962 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

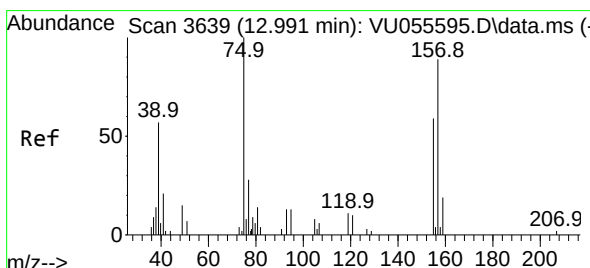
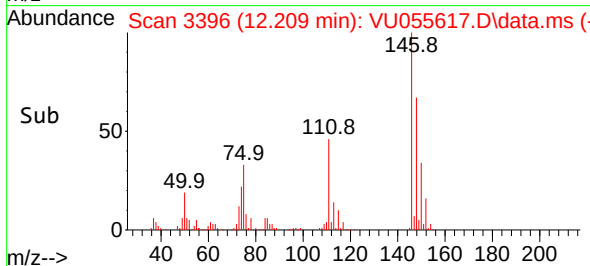
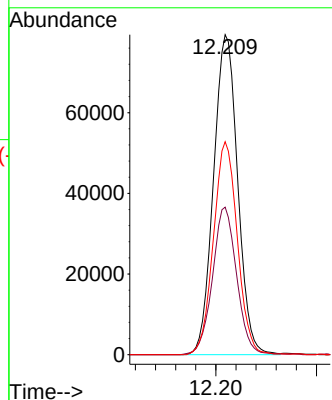
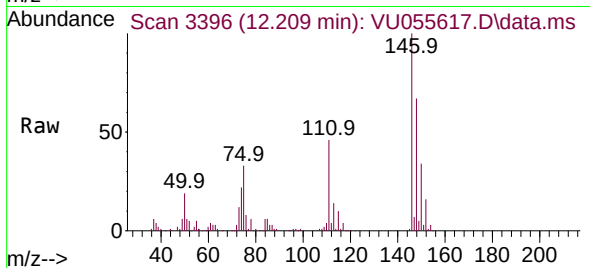
Tgt Ion:146 Resp: 132323

Ion Ratio Lower Upper

146 100

111 46.1 34.6 52.0

148 66.6 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.218 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

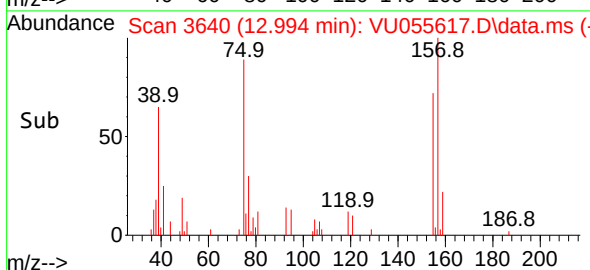
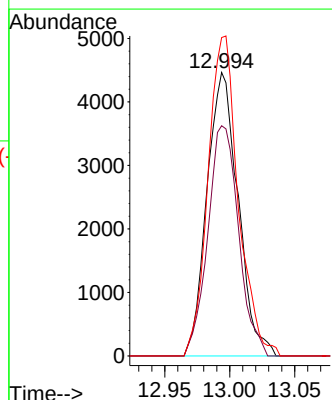
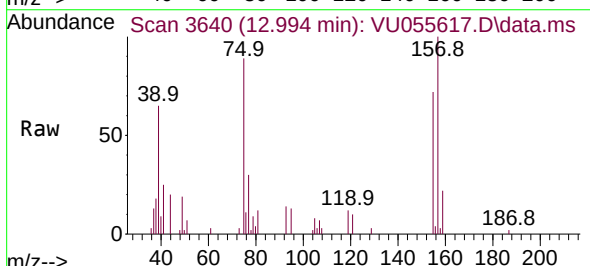
Tgt Ion: 75 Resp: 7443

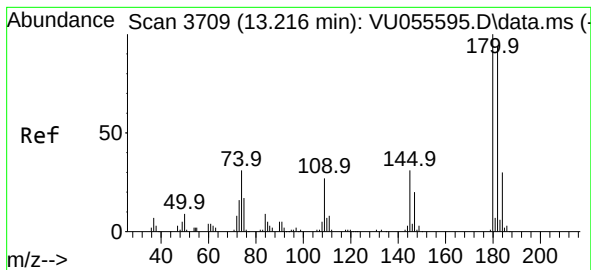
Ion Ratio Lower Upper

75 100

155 81.2 69.2 103.8

157 112.3 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 4.768 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 95519

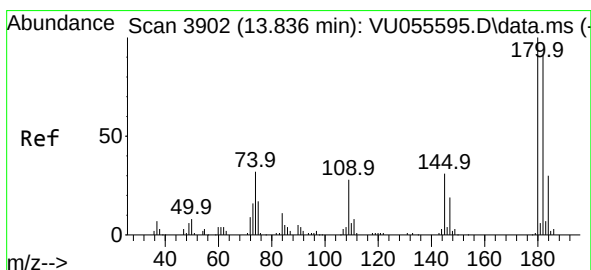
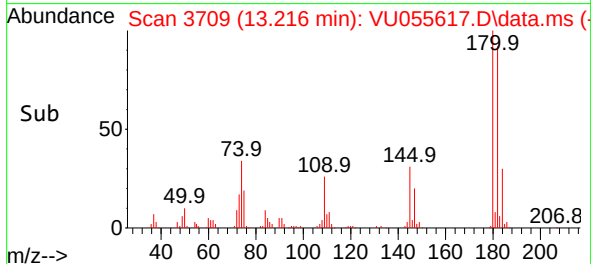
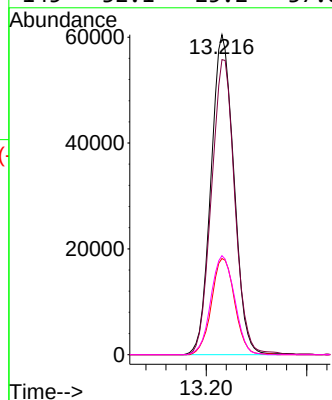
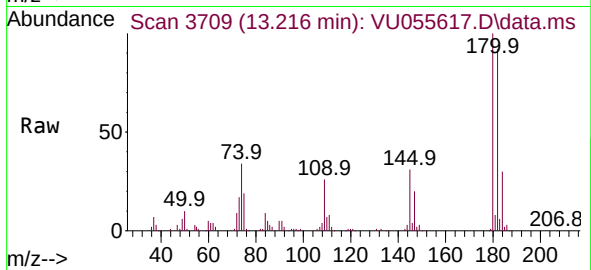
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

184 30.3 24.0 36.0

145 32.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 6.401 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

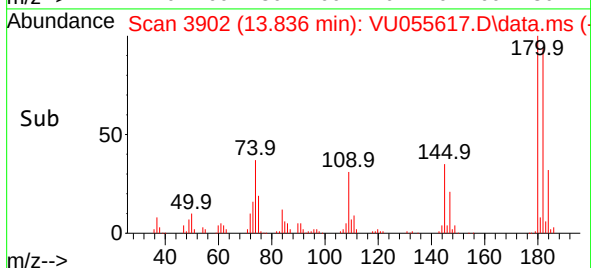
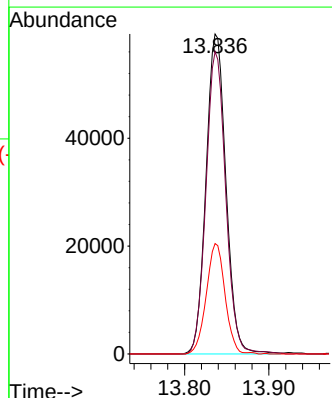
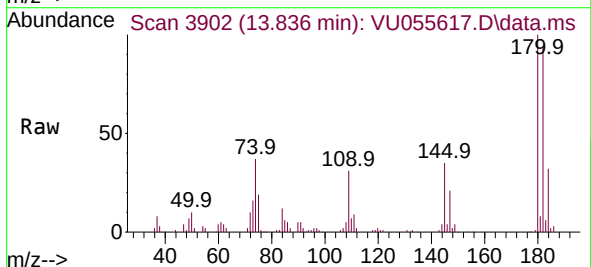
Tgt Ion:180 Resp: 97757

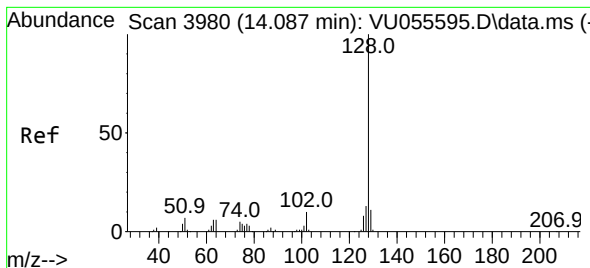
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 32.3 25.4 38.0





#71

Naphthalene

Concen: 5.160 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Instrument :

MSVOA_U

ClientSampleId :

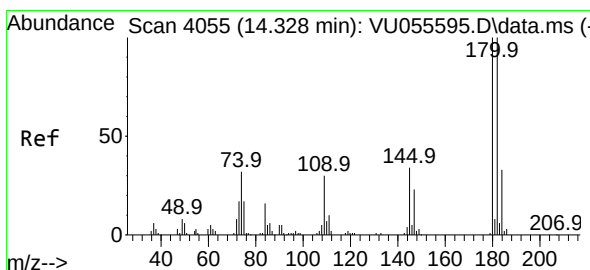
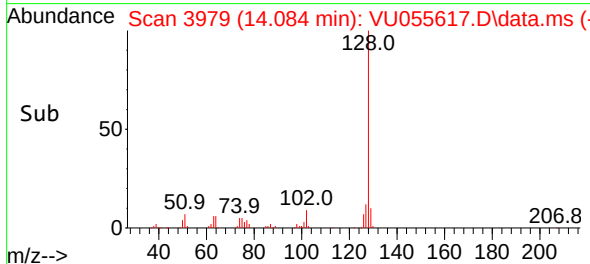
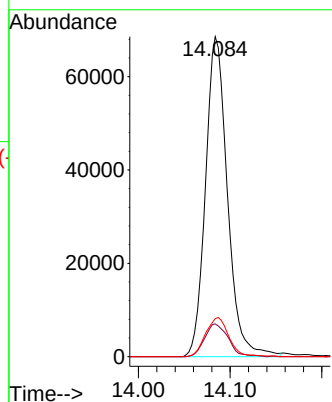
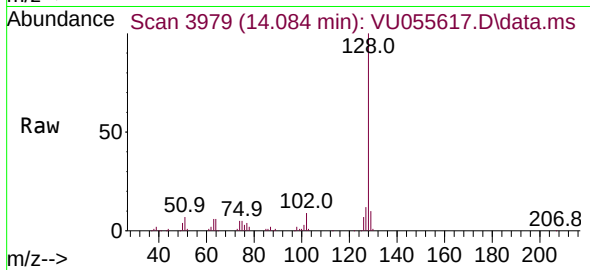
Tgt Ion:128 Resp: 114075

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.026 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055617.D

Acq: 02 Oct 2023 20:18

Tgt Ion:180 Resp: 66787

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 34.5 26.0 39.0

