

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091223\
 Data File : VU055241.D
 Acq On : 12 Sep 2023 11:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	198757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	207987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32857	3.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.907	69	51444	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	17383	3.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.628	46	135982	50.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.600%
24) Chloroform-d	5.058	84	114894	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.701	65	57620	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.727	84	212223	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.689	67	72946	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.898	98	199744	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.180	79	19678	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.634	63	94799	51.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55389	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	72581	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49595	4.294	ug/L	97
3) Chloromethane	1.518	50	46601	3.963	ug/L	99
5) Vinyl chloride	1.602	62	52155	4.205	ug/L	97
6) Bromomethane	1.853	94	44038	5.887	ug/L	99
8) Chloroethane	1.930	64	40326	4.993	ug/L	100
9) Trichlorofluoromethane	2.136	101	87449	4.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	47117	4.489	ug/L	96
12) 1,1-Dichloroethene	2.576	96	38043	4.140	ug/L	94
13) Acetone	2.631	43	75238	41.527	ug/L	97
14) Carbon disulfide	2.788	76	84578	3.759	ug/L	98
15) Methyl Acetate	2.956	43	16026	4.321	ug/L	95
16) Methylene chloride	3.042	84	58822	4.189	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	108882	4.518	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	41322	4.432	ug/L	94
19) 1,1-Dichloroethane	3.866	63	95832	4.757	ug/L	98
21) 2-Butanone	4.705	43	117587	44.173	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	53574	4.694	ug/L	90
23) Bromochloromethane	4.975	128	21486	4.578	ug/L	95
25) Chloroform	5.084	83	103506	4.933	ug/L	97

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Instrument :
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 ClientSampleId :

Quant Time: Sep 13 01:40:11 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

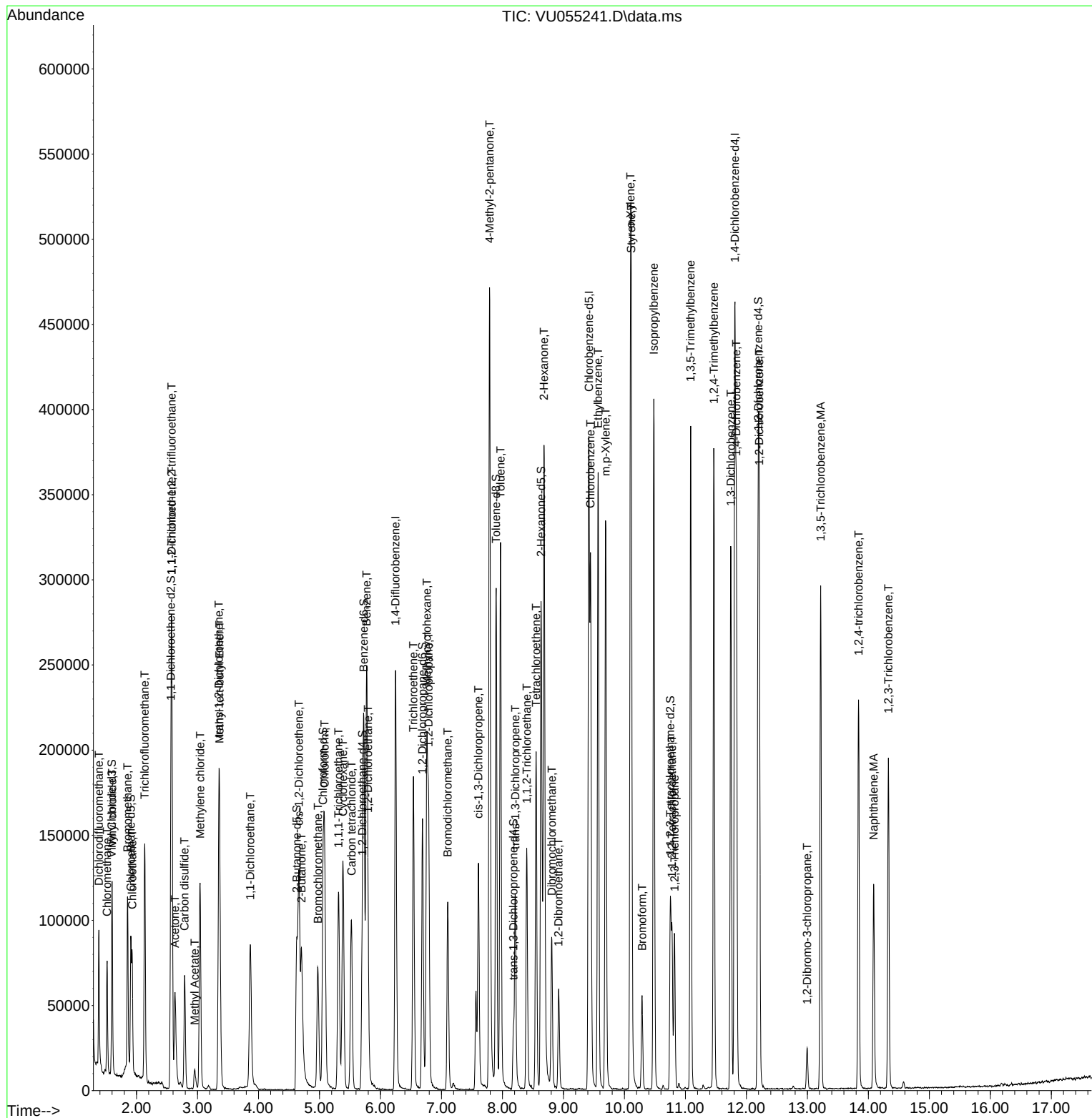
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	62677	4.894	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	84270	4.684	ug/L	98
30) Cyclohexane	5.386	56	62667	3.917	ug/L	96
31) Carbon tetrachloride	5.525	117	67540	4.515	ug/L	99
33) Benzene	5.772	78	216217	4.885	ug/L	100
34) Trichloroethene	6.541	95	57807	4.699	ug/L	98
35) Methylcyclohexane	6.763	83	75969	4.401	ug/L	97
37) 1,2-Dichloropropane	6.788	63	59663	4.951	ug/L	100
38) Bromodichloromethane	7.103	83	75130	5.221	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	79746	4.865	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	305969	44.508	ug/L	98
42) Toluene	7.968	91	240789	5.102	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	64979	5.050	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	44888	5.530	ug/L	96
47) Tetrachloroethene	8.553	164	42002	4.940	ug/L	95
48) 2-Hexanone	8.682	43	238029	44.205	ug/L	95
49) Dibromochloromethane	8.811	129	46184	5.212	ug/L	91
50) 1,2-Dibromoethane	8.920	107	39010	5.278	ug/L	95
51) Chlorobenzene	9.444	112	157596	5.042	ug/L	96
52) Ethylbenzene	9.569	91	259212	4.910	ug/L	97
53) m,p-Xylene	9.692	106	99353	5.086	ug/L	93
54) o-Xylene	10.100	106	96080	4.998	ug/L	99
55) Styrene	10.113	104	163924	5.163	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	44642	4.415	ug/L	92
59) Bromoform	10.290	173	23160	5.279	ug/L	97
60) Isopropylbenzene	10.483	105	260346	5.085	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	36638	5.028	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	216451	5.082	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	207098	4.933	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	124602	5.069	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	124992	5.102	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	117304	5.090	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	6640	4.730	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.219	180	86018	4.631	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	64588	3.708	ug/L	96
71) Naphthalene	14.087	128	98210	3.102	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	54564	3.609	ug/L	97

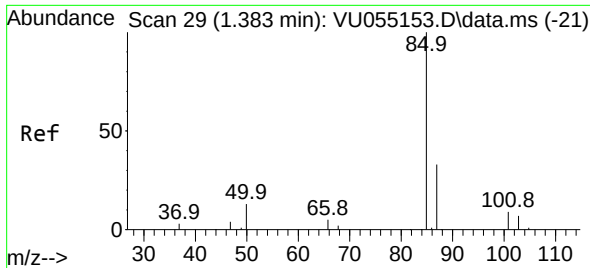
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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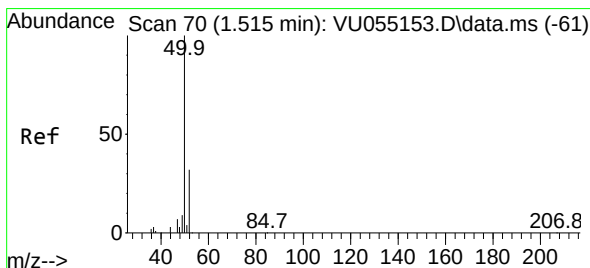
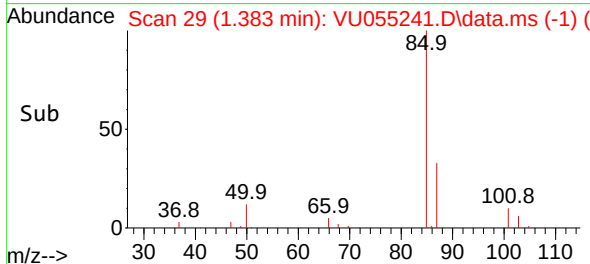
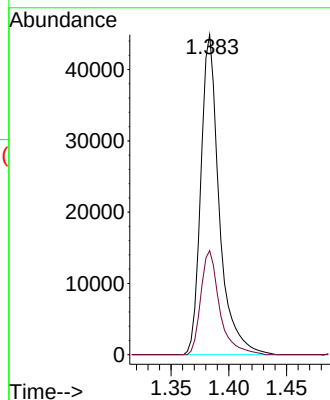
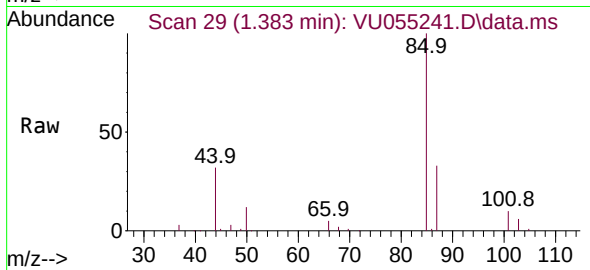




#2
 Dichlorodifluoromethane
 Concen: 4.294 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

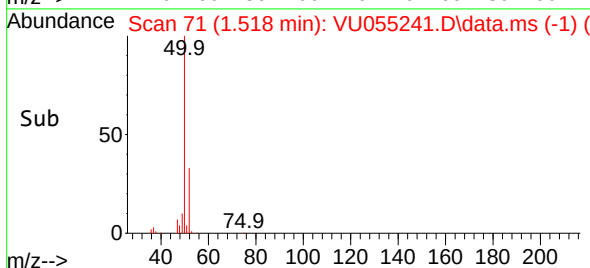
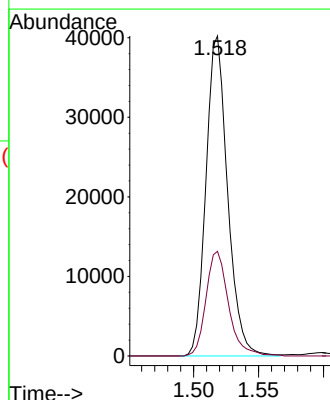
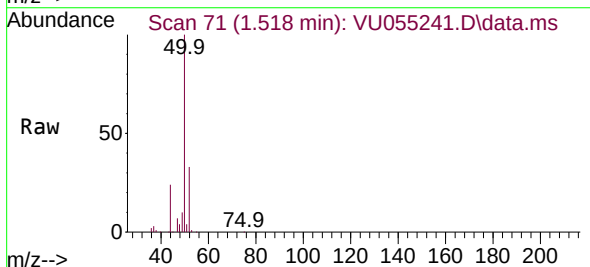
Instrument :
 MSVOA_U
 ClientSampleId :

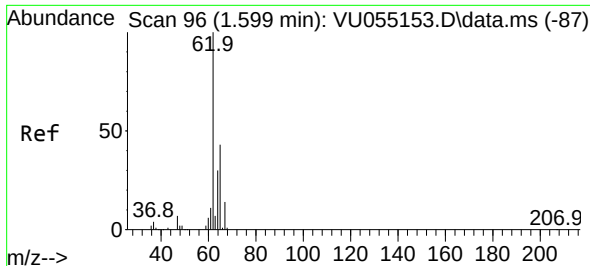
Tgt Ion: 85 Resp: 49595
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.1 37.7



#3
 Chloromethane
 Concen: 3.963 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

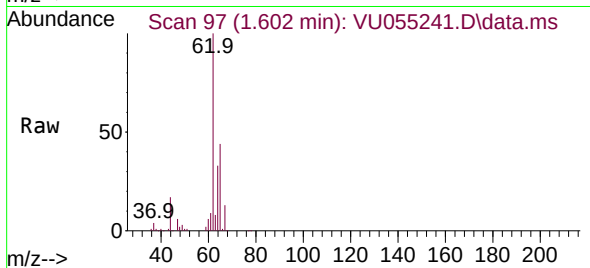
Tgt Ion: 50 Resp: 46601
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.7



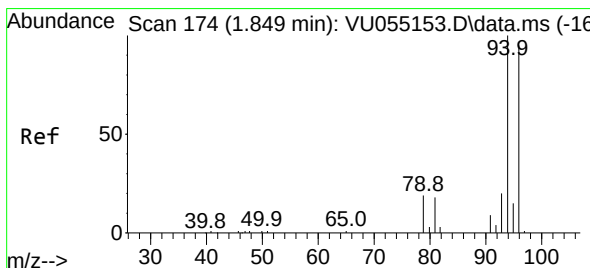
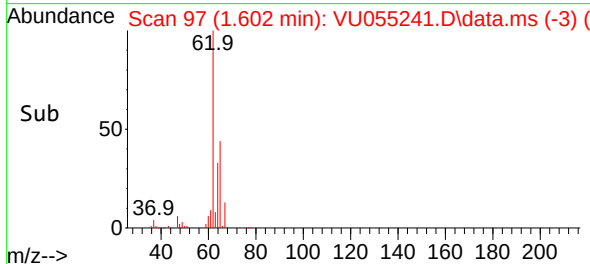
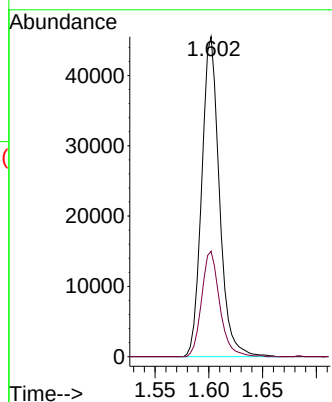


#5
 Vinyl chloride
 Concen: 4.205 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

Instrument :
 MSVOA_U
 ClientSampleId :

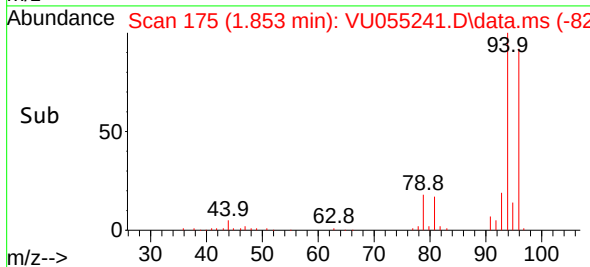
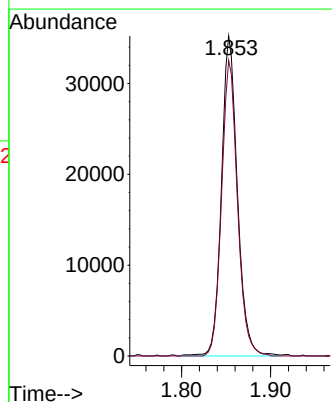
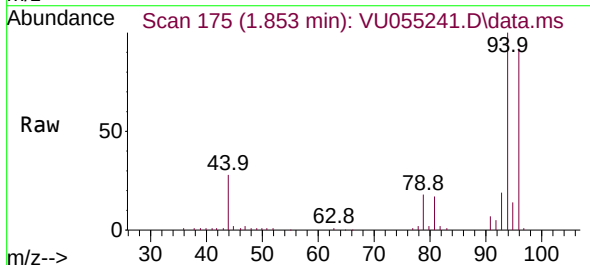


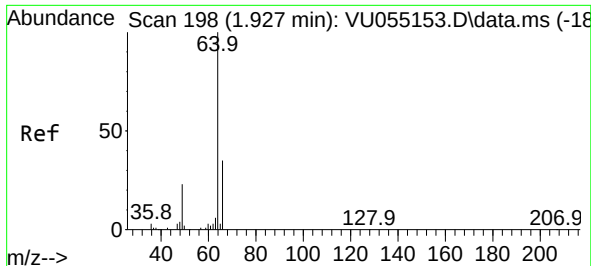
Tgt Ion: 62 Resp: 52155
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 5.887 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

Tgt Ion: 94 Resp: 44038
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.8 118.4

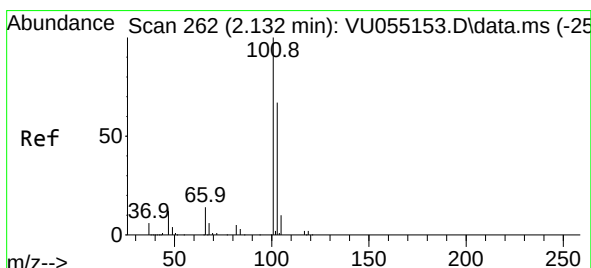
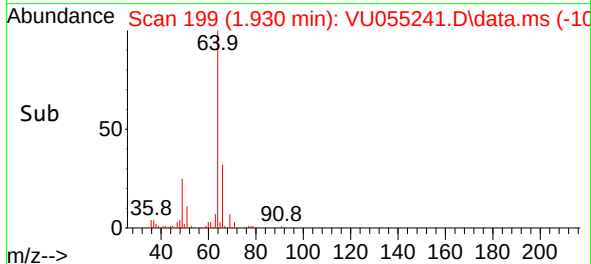
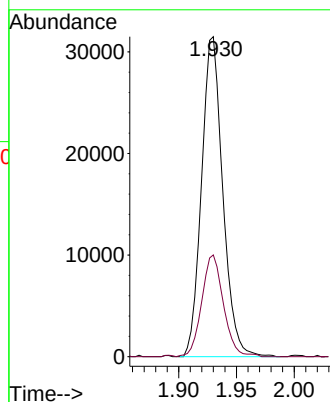
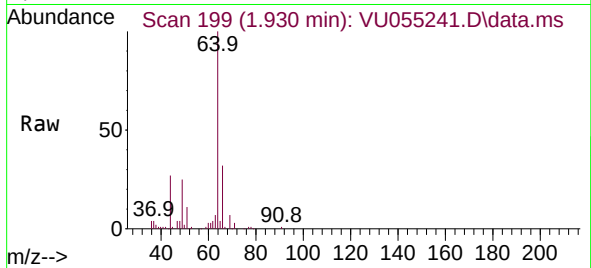




#8
Chloroethane
Concen: 4.993 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

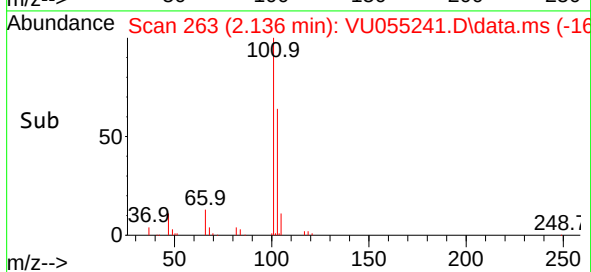
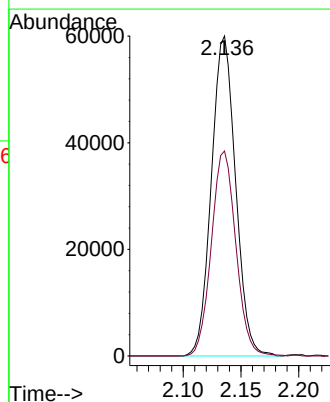
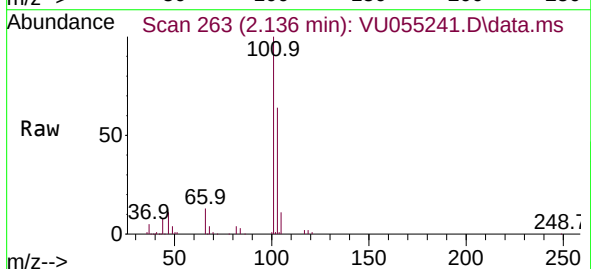
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MSVOA_U
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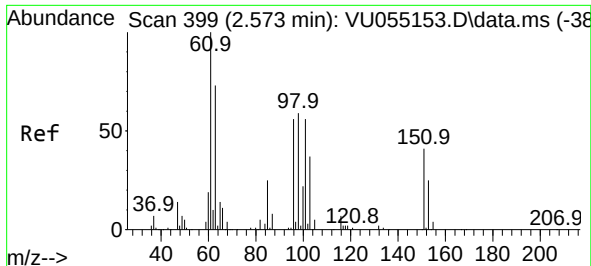
Tgt Ion: 64 Resp: 40326
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.848 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion:101 Resp: 87449
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.489 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055241.D

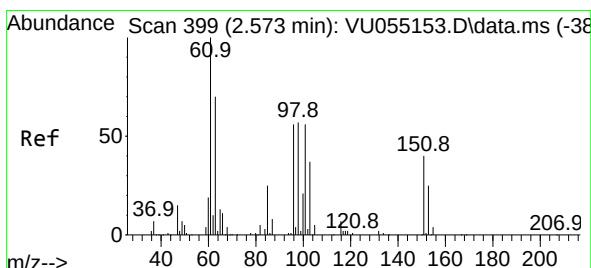
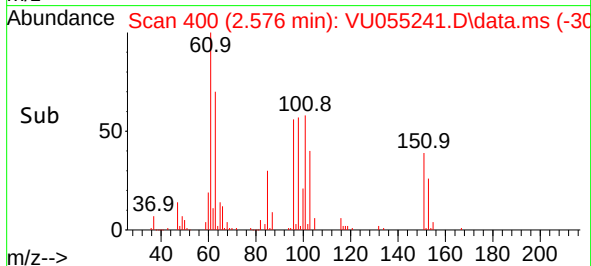
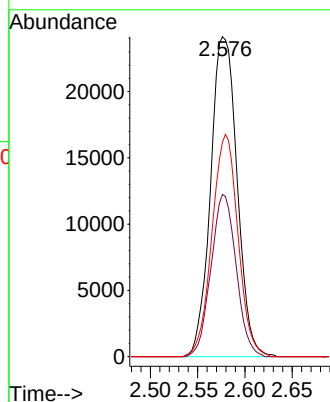
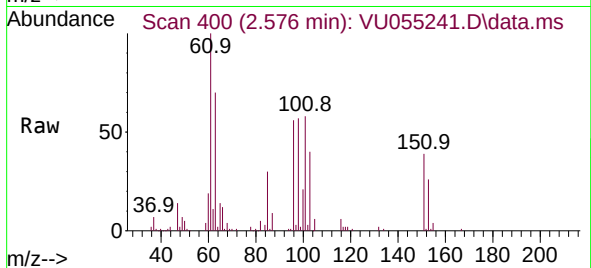
Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	47117
Ion Ratio	Lower	Upper	
101	100		
85	48.1	37.3	55.9
151	68.2	57.6	86.4



#12

1,1-Dichloroethene

Concen: 4.140 ug/L

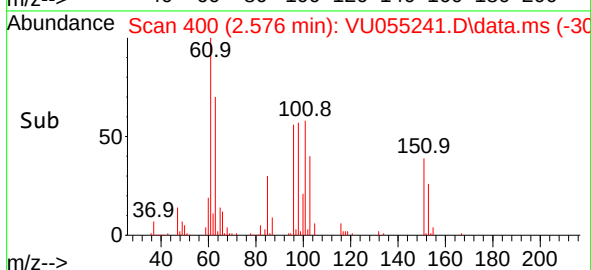
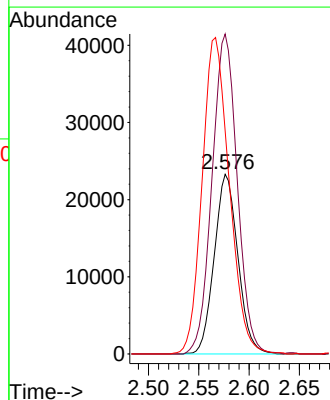
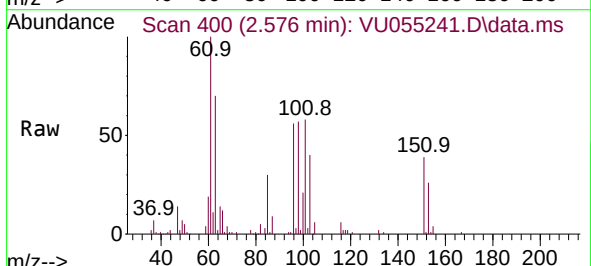
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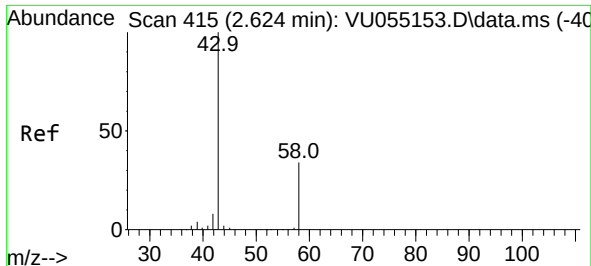
Delta R.T. 0.000 min

Lab File: VU055241.D

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Tgt Ion:	96	Resp:	38043
Ion Ratio	Lower	Upper	
96	100		
61	178.1	120.8	224.4
63	124.1	94.5	175.5





#13

Acetone

Concen: 41.527 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

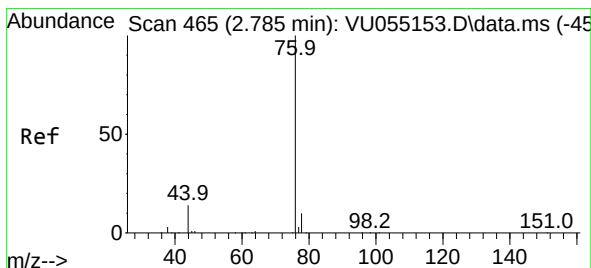
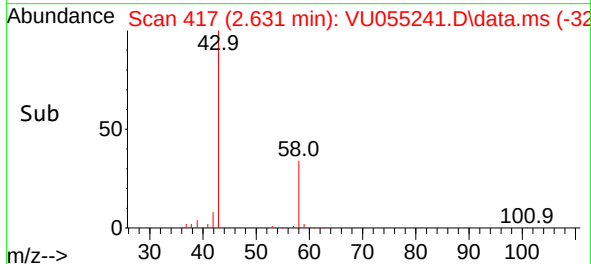
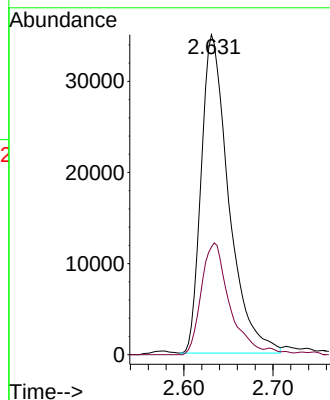
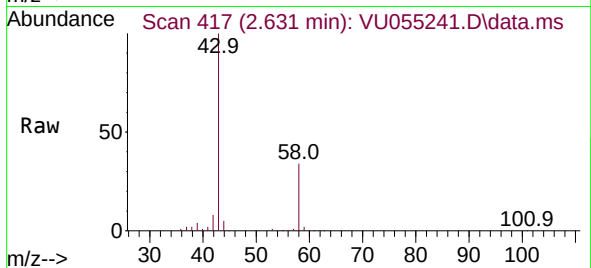
ClientSampleId :

Tgt Ion: 43 Resp: 75238

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.8



#14

Carbon disulfide

Concen: 3.759 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055241.D

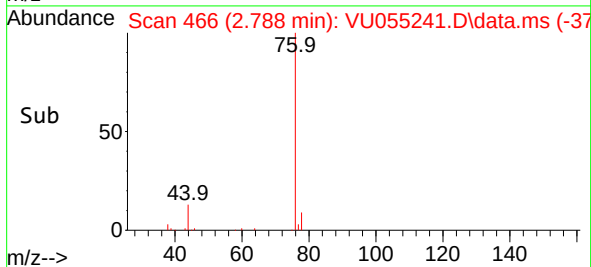
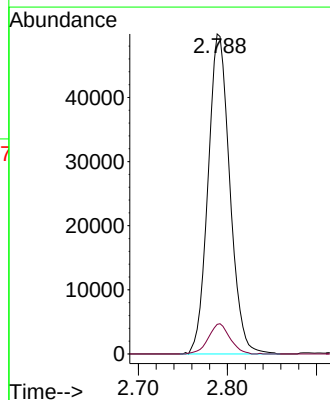
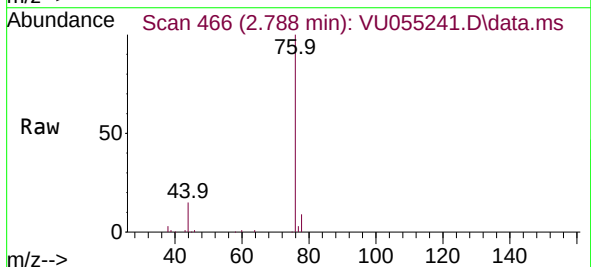
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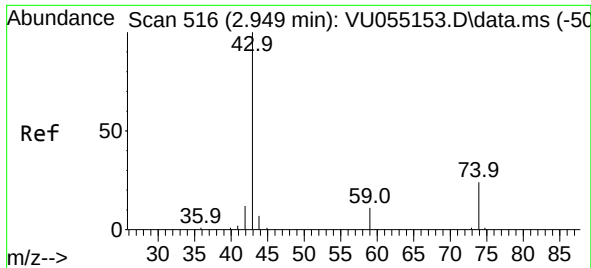
Tgt Ion: 76 Resp: 84578

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

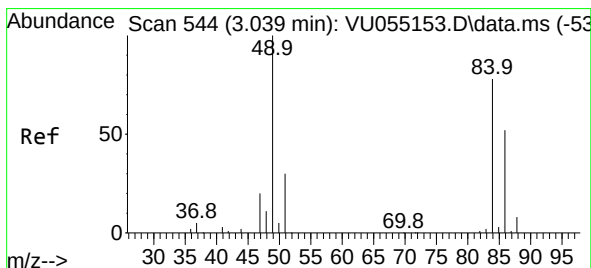
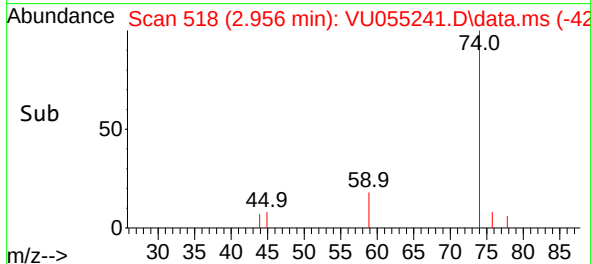
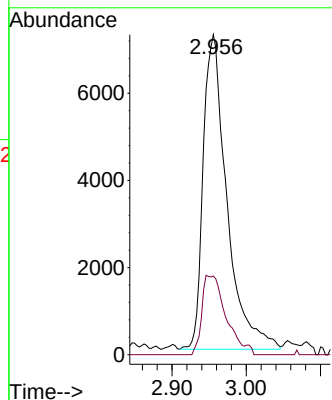
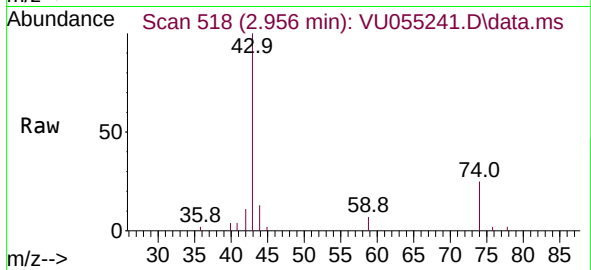




#15
Methyl Acetate
Concen: 4.321 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

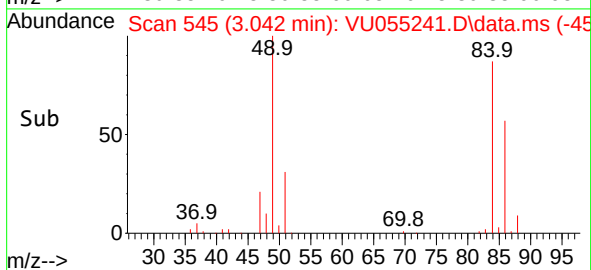
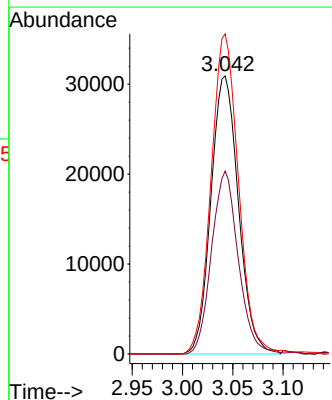
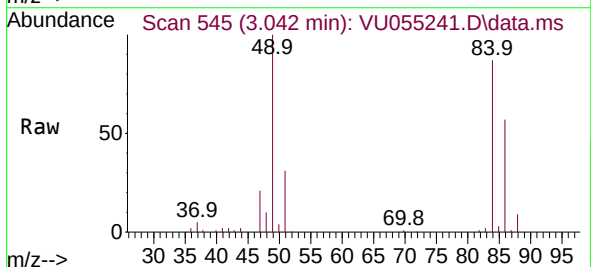
Instrument :
MSVOA_U
ClientSampleId :

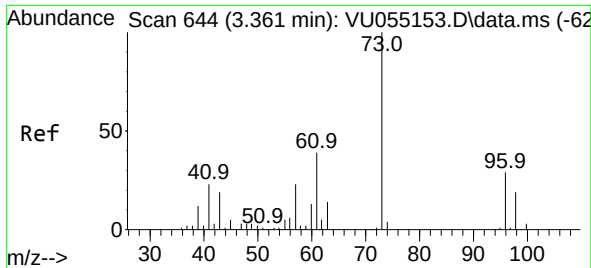
Tgt Ion: 43 Resp: 16026
Ion Ratio Lower Upper
43 100
74 25.5 18.4 27.6



#16
Methylene chloride
Concen: 4.189 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 84 Resp: 58822
Ion Ratio Lower Upper
84 100
86 65.7 43.4 80.6
49 115.1 87.7 162.9

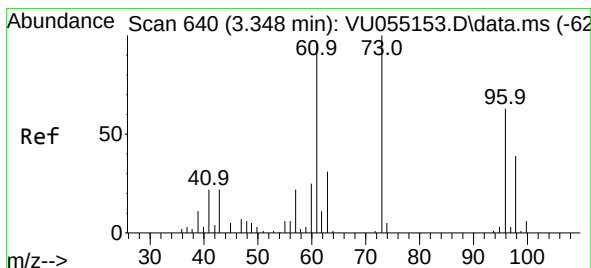
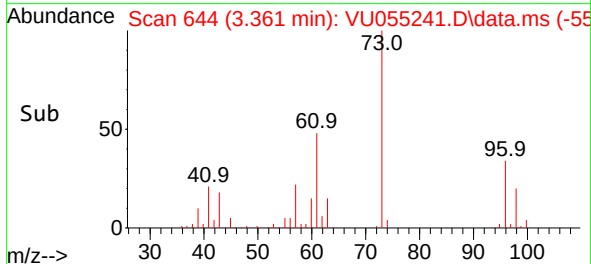
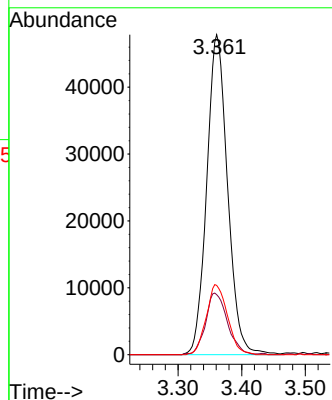
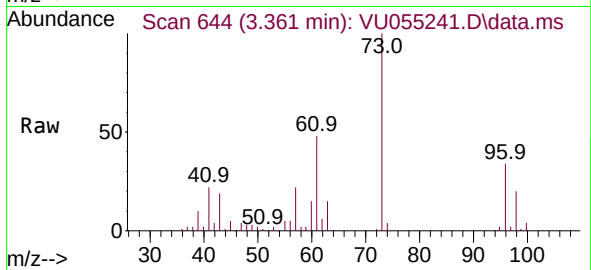




#17
Methyl tert-butyl Ether
Concen: 4.518 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

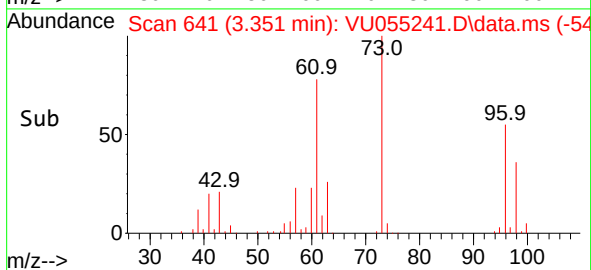
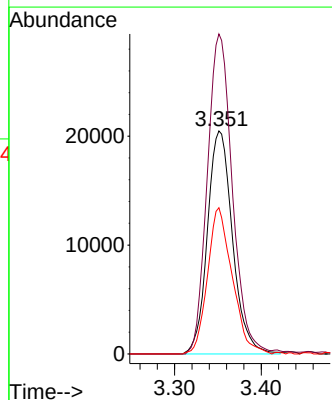
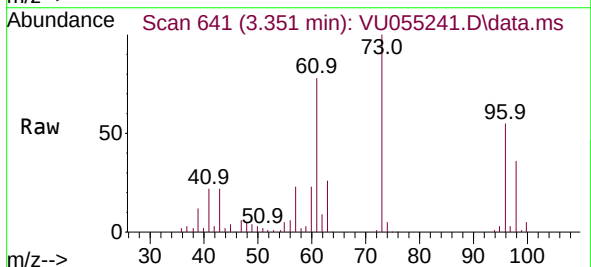
Instrument :
MSVOA_U
ClientSampleId :

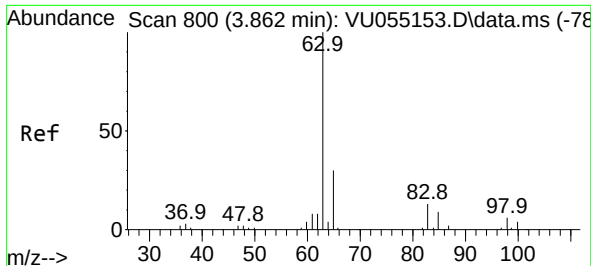
Tgt Ion: 73 Resp: 108882
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2
57 22.3 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.432 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 96 Resp: 41322
Ion Ratio Lower Upper
96 100
61 143.5 108.1 200.9
98 65.5 45.4 84.4





#19

1,1-Dichloroethane

Concen: 4.757 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU055241.D

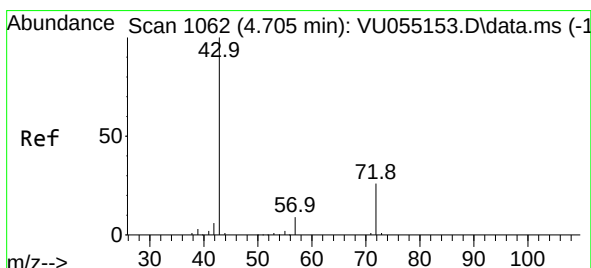
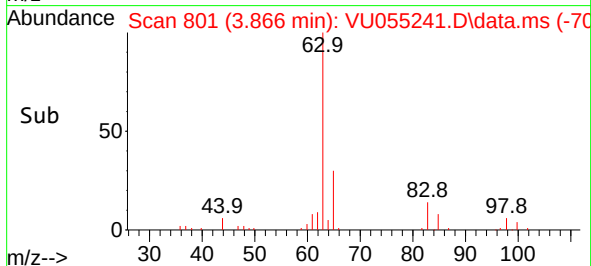
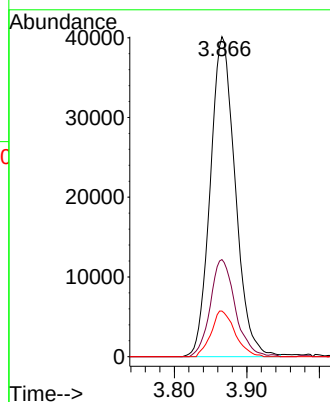
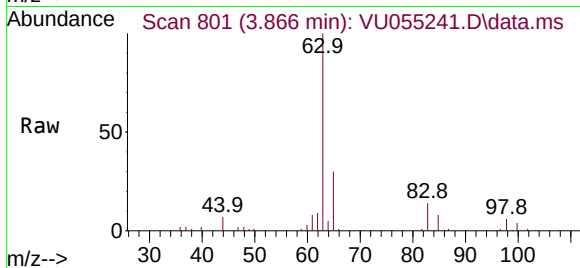
Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	95832
Ion Ratio	Lower	Upper	
63	100		
65	30.3	22.2	41.2
83	14.2	10.6	19.8



#21

2-Butanone

Concen: 44.173 ug/L

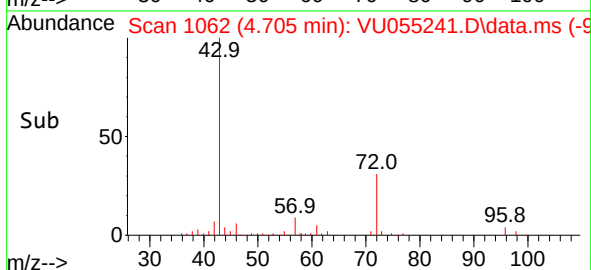
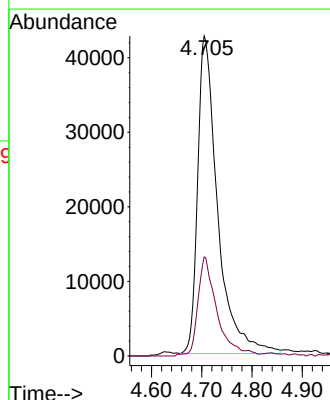
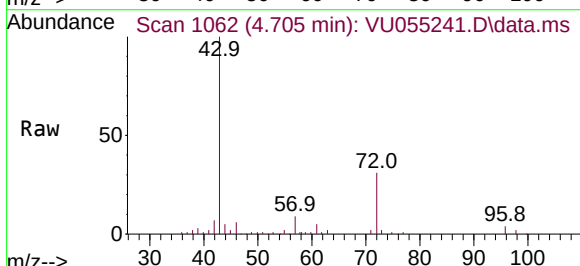
RT: 4.705 min Scan# 1062

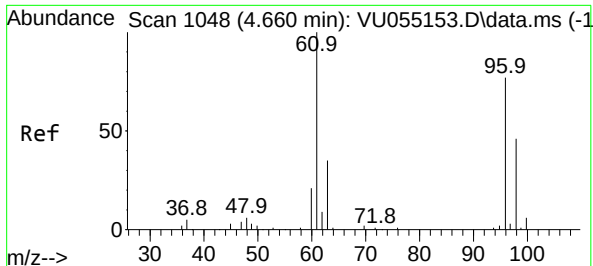
Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Tgt Ion:	43	Resp:	117587
Ion Ratio	Lower	Upper	
43	100		
72	28.9	13.5	40.5

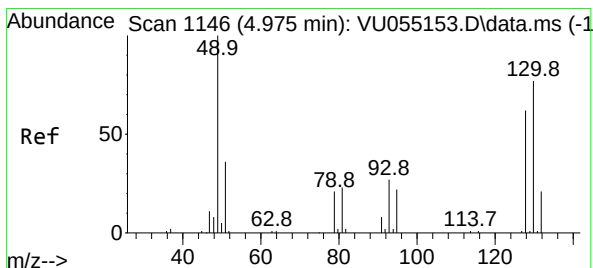
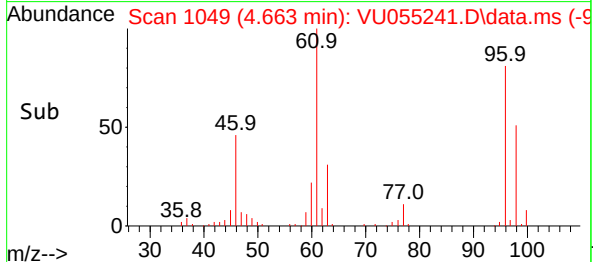
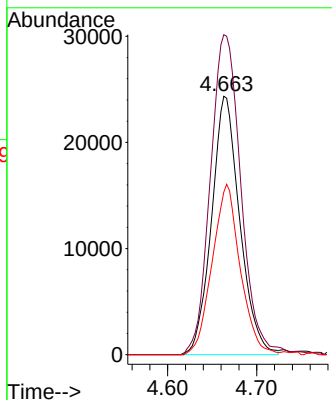
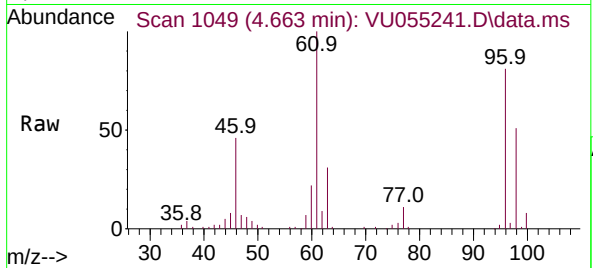




#22
 cis-1,2-Dichloroethene
 Concen: 4.694 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

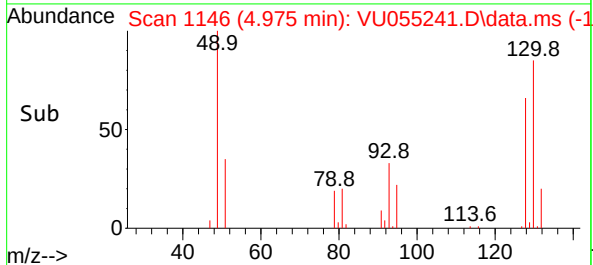
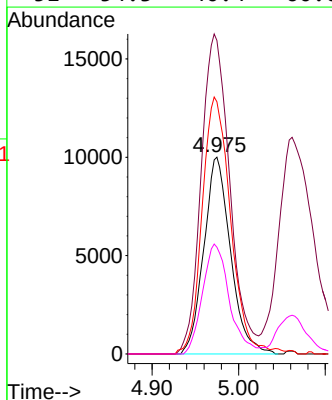
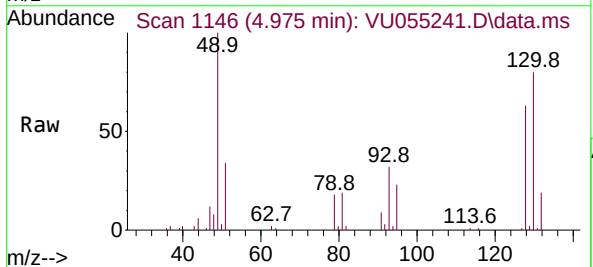
Instrument :
 MSVOA_U
 ClientSampleId :

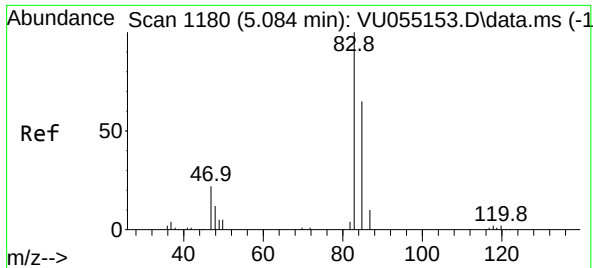
Tgt Ion: 96 Resp: 53574
 Ion Ratio Lower Upper
 96 100
 61 123.9 97.2 180.4
 98 62.9 46.1 85.7



#23
 Bromochloromethane
 Concen: 4.578 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

Tgt Ion: 128 Resp: 21486
 Ion Ratio Lower Upper
 128 100
 49 159.3 118.9 220.9
 130 128.1 88.0 163.4
 51 54.3 40.4 60.6





#25

Chloroform

Concen: 4.933 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

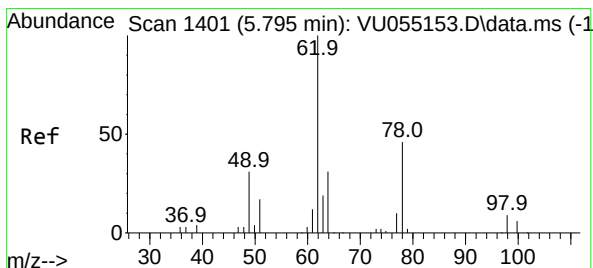
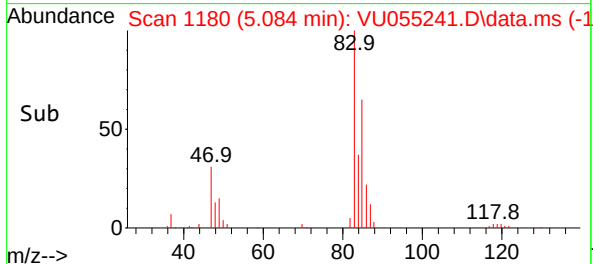
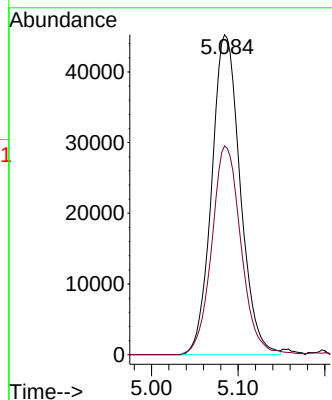
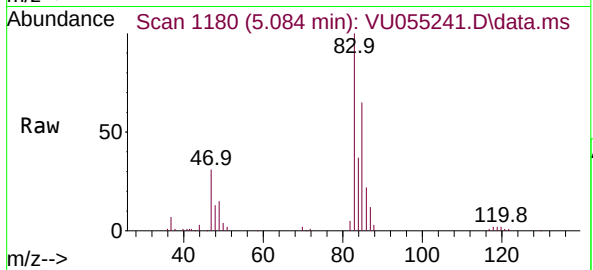
ClientSampleId :

Tgt Ion: 83 Resp: 103506

Ion Ratio Lower Upper

83 100

85 65.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 4.894 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VU055241.D

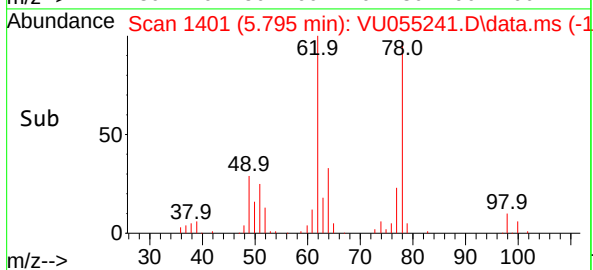
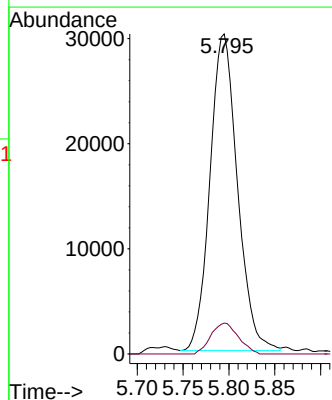
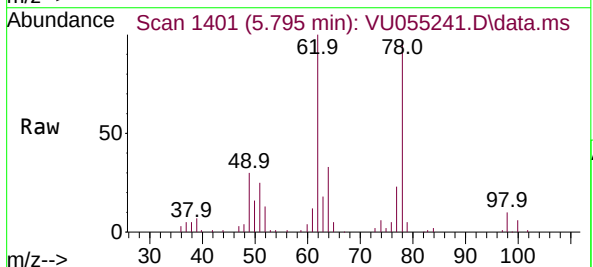
Acq: 12 Sep 2023 11:43

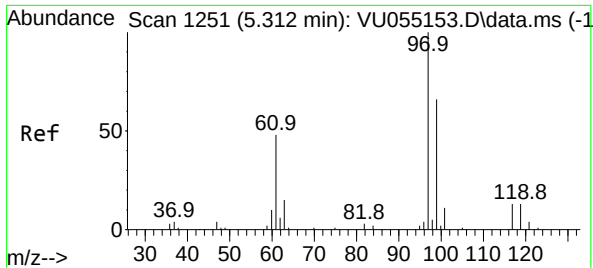
Tgt Ion: 62 Resp: 62677

Ion Ratio Lower Upper

62 100

98 9.7 6.9 10.3

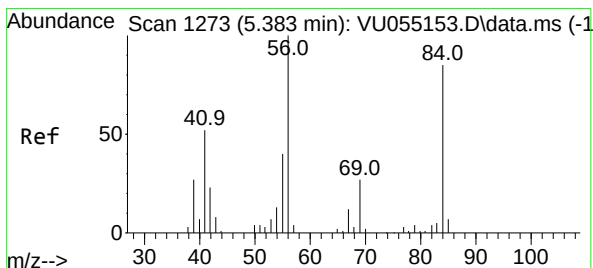
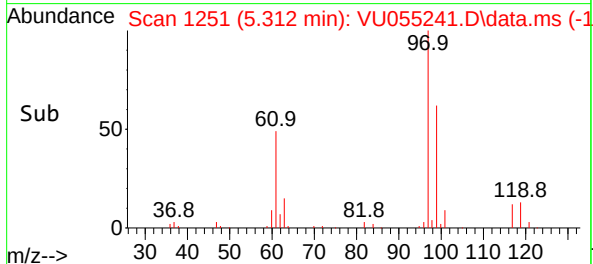
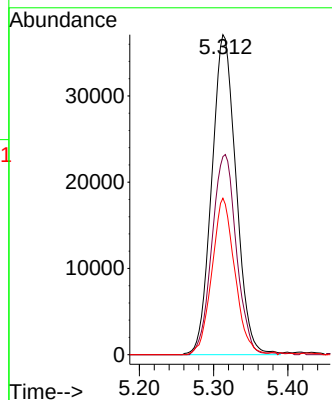
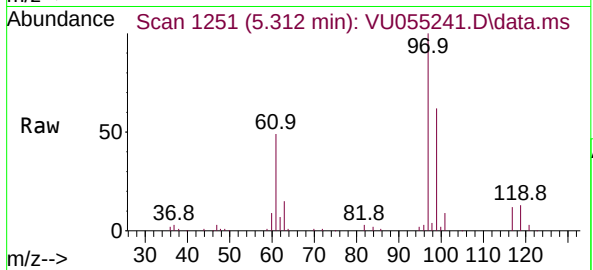




#29
 1,1,1-Trichloroethane
 Concen: 4.684 ug/L
 RT: 5.312 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

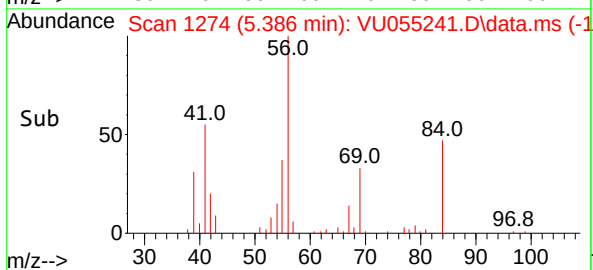
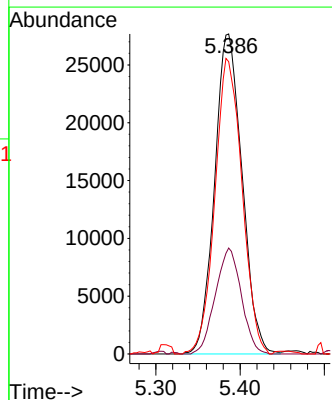
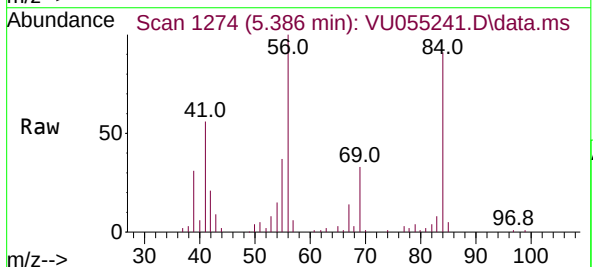
Instrument :
 MSVOA_U
 ClientSampleId :

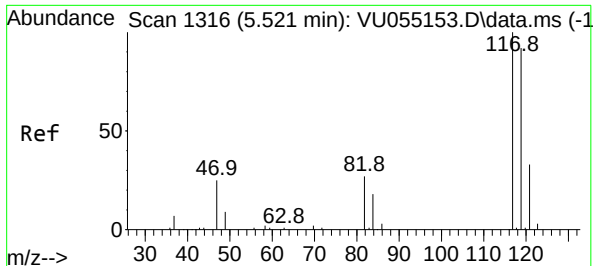
Tgt Ion: 97 Resp: 84270
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.8 77.8
 61 46.2 36.8 55.2



#30
 Cyclohexane
 Concen: 3.917 ug/L
 RT: 5.386 min Scan# 1274
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

Tgt Ion: 56 Resp: 62667
 Ion Ratio Lower Upper
 56 100
 69 31.2 24.6 37.0
 84 91.2 68.8 103.2

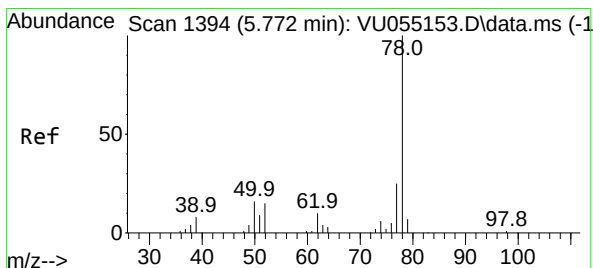
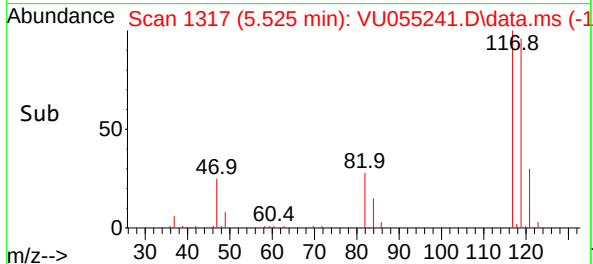
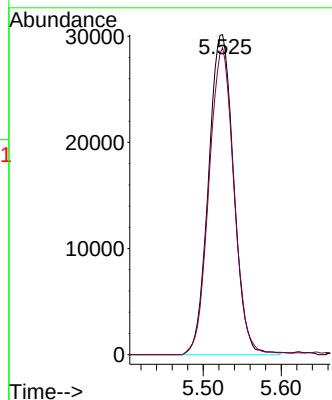
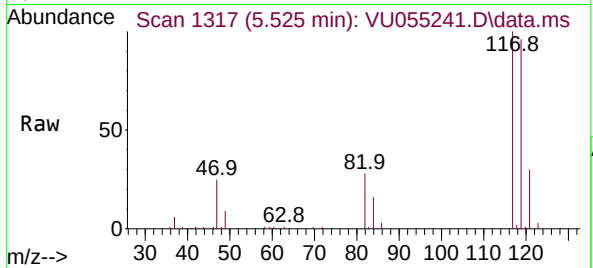




#31
Carbon tetrachloride
Concen: 4.515 ug/L
RT: 5.525 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

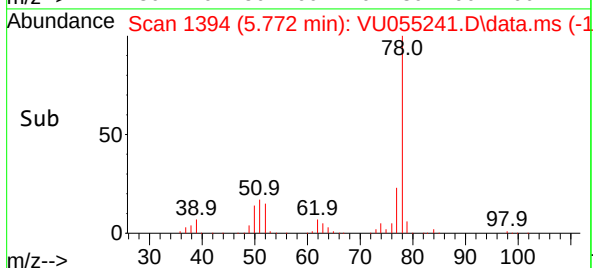
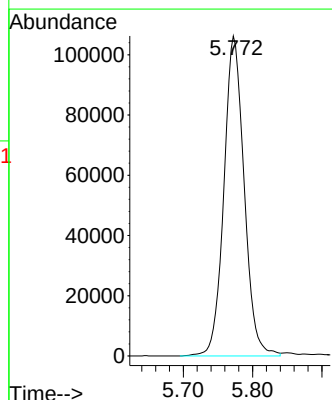
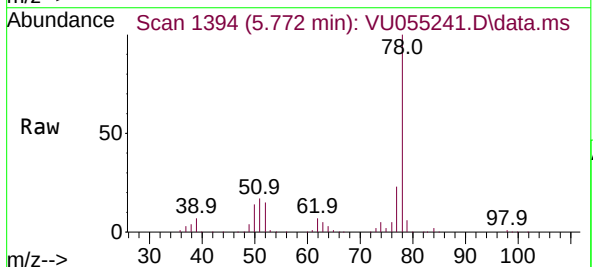
Instrument :
MSVOA_U
ClientSampleId :

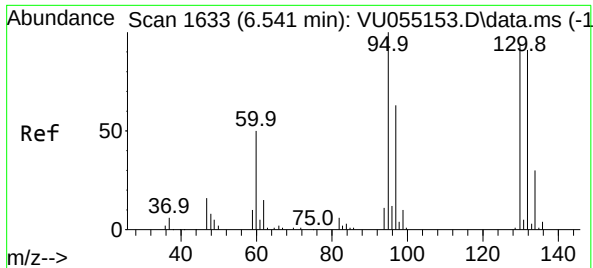
Tgt Ion:117 Resp: 67540
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0



#33
Benzene
Concen: 4.885 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 78 Resp: 216217

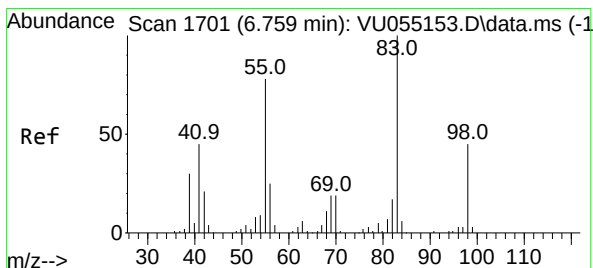
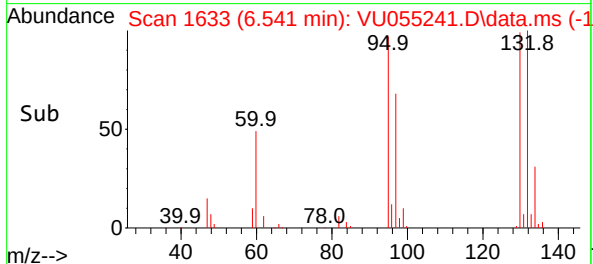
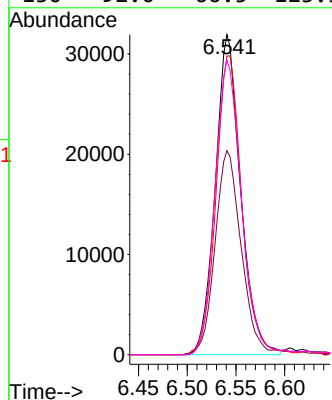
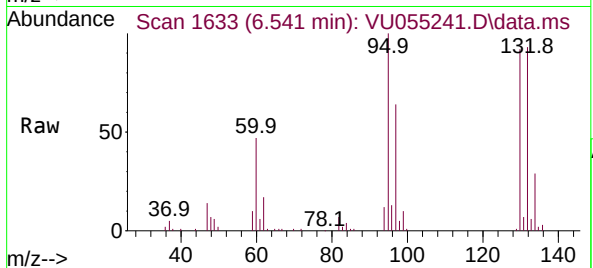




#34
Trichloroethene
Concen: 4.699 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

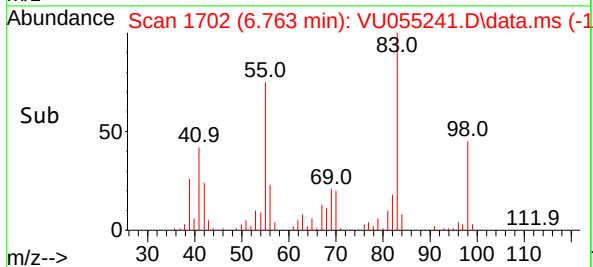
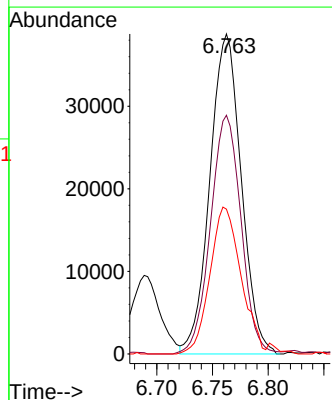
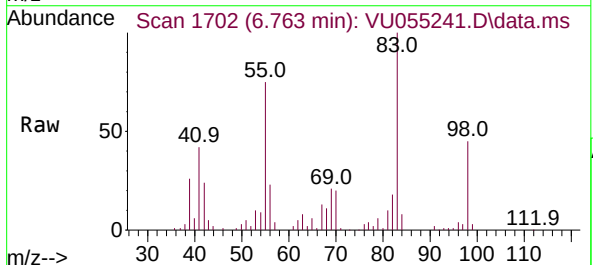
Instrument :
MSVOA_U
ClientSampleId :

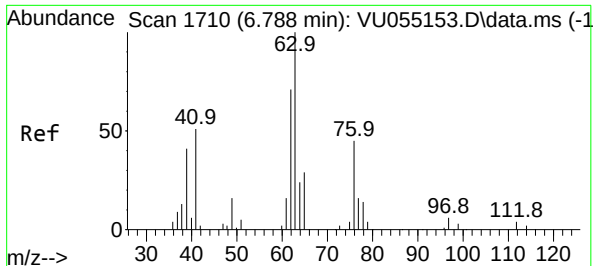
Tgt Ion: 95 Resp: 57807
Ion Ratio Lower Upper
95 100
97 63.8 44.7 83.1
132 93.4 66.6 123.6
130 92.0 66.5 123.5



#35
Methylcyclohexane
Concen: 4.401 ug/L
RT: 6.763 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 83 Resp: 75969
Ion Ratio Lower Upper
83 100
55 72.6 60.4 90.6
98 45.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.951 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

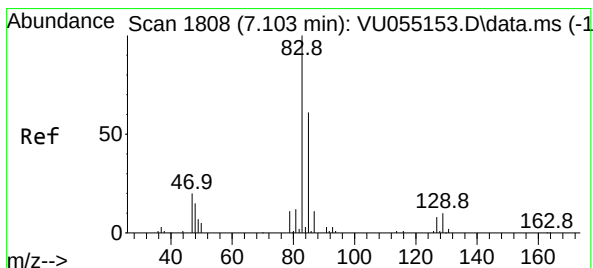
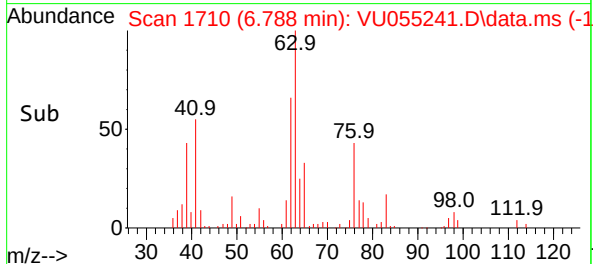
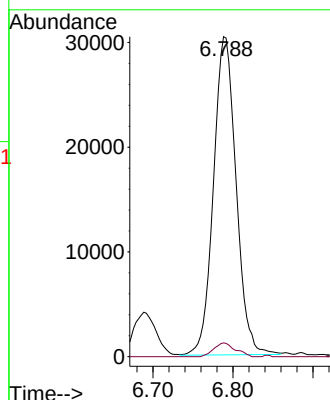
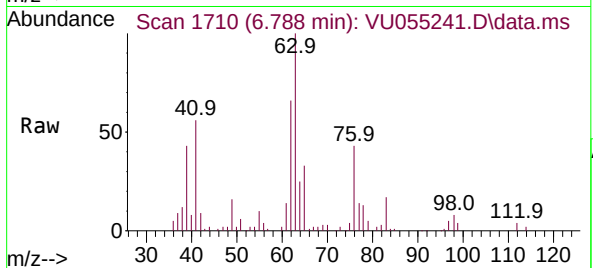
ClientSampleId :

Tgt Ion: 63 Resp: 59663

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.221 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

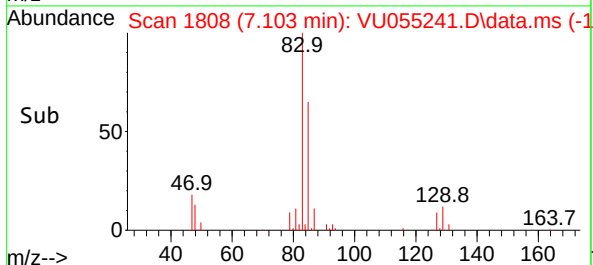
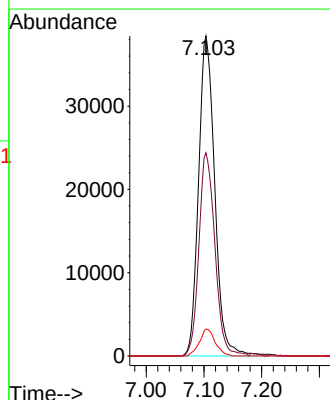
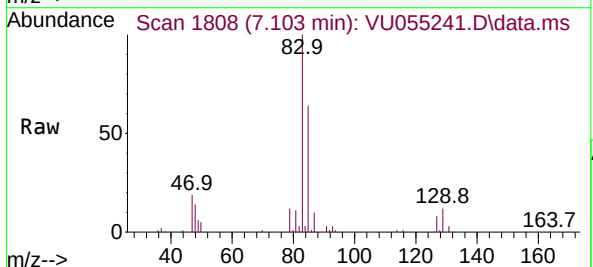
Tgt Ion: 83 Resp: 75130

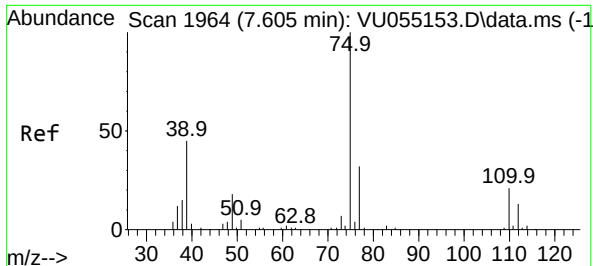
Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

127 8.4 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.865 ug/L

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

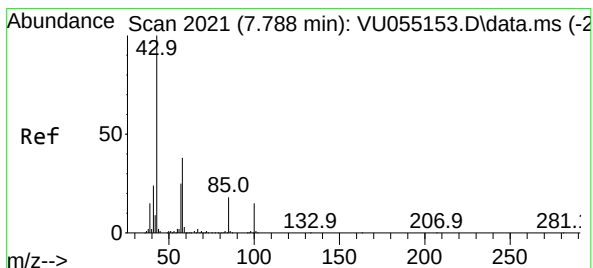
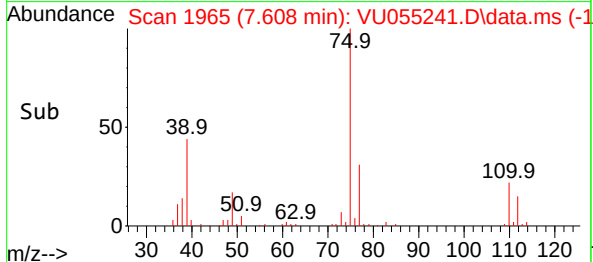
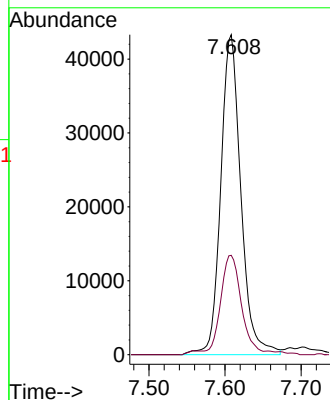
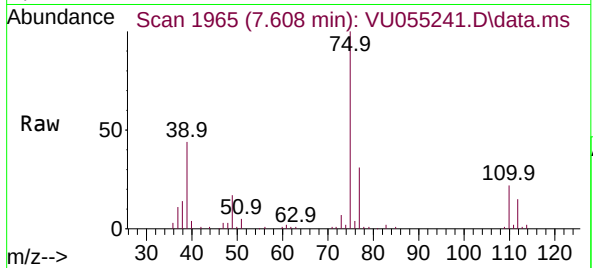
ClientSampleId :

Tgt Ion: 75 Resp: 79746

Ion Ratio Lower Upper

75 100

77 31.0 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 44.508 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

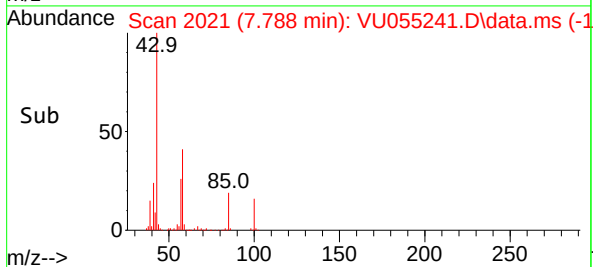
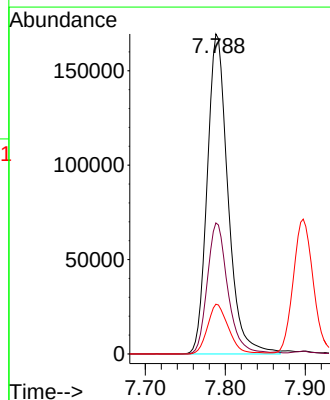
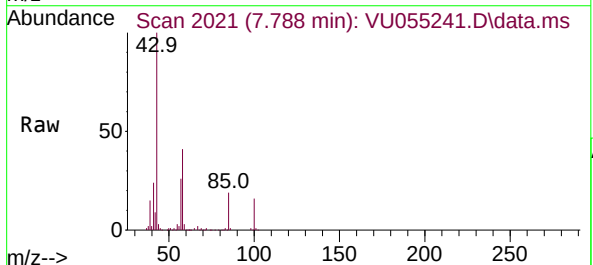
Tgt Ion: 43 Resp: 305969

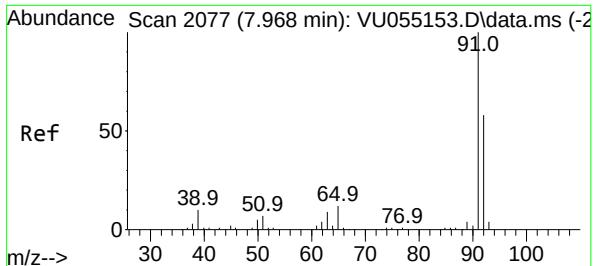
Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3

100 15.8 11.8 17.8





#42

Toluene

Concen: 5.102 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

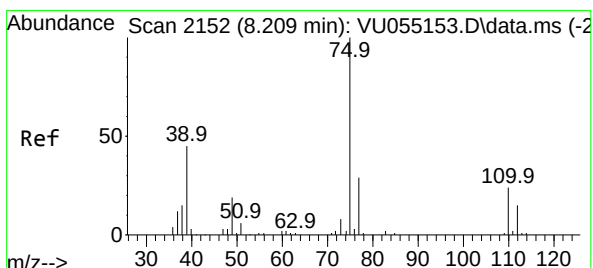
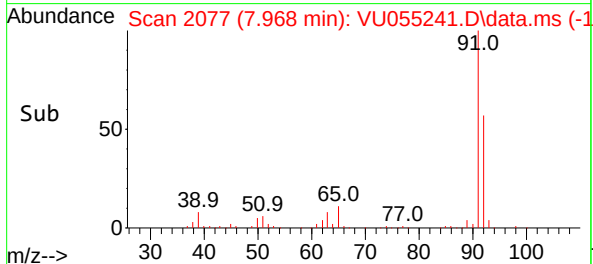
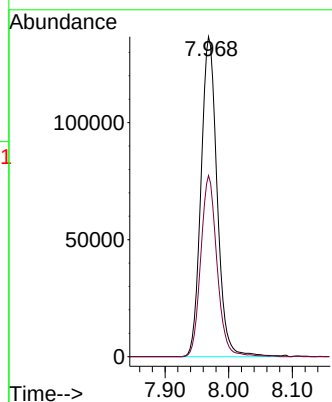
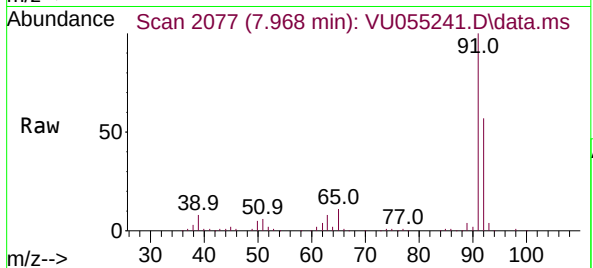
ClientSampleId :

Tgt Ion: 91 Resp: 240789

Ion Ratio Lower Upper

91 100

92 56.6 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.050 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055241.D

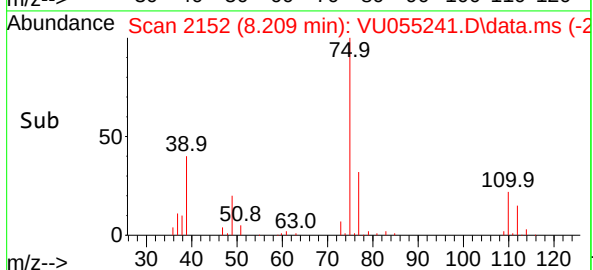
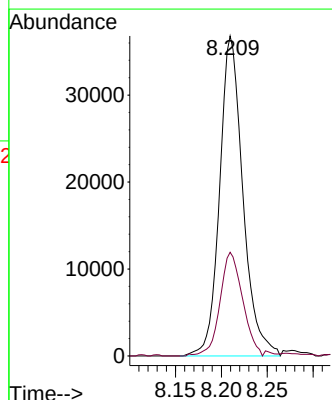
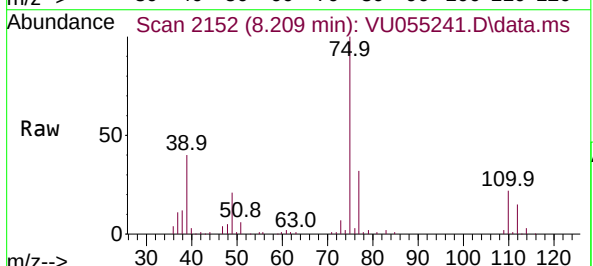
Acq: 12 Sep 2023 11:43

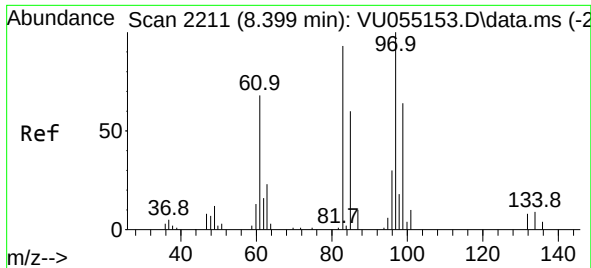
Tgt Ion: 75 Resp: 64979

Ion Ratio Lower Upper

75 100

77 32.4 20.5 38.1

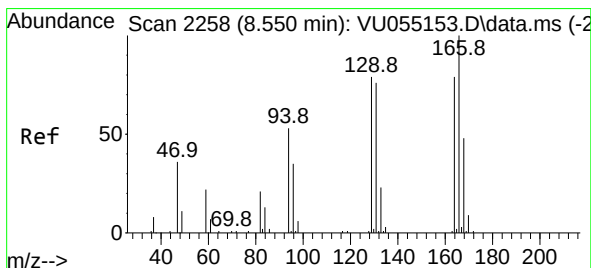
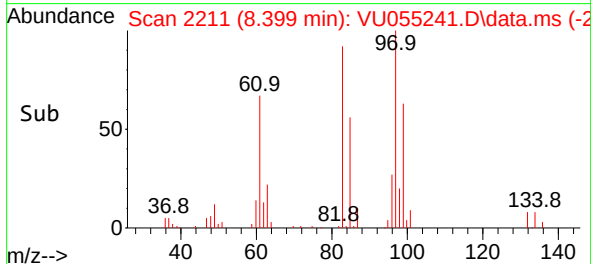
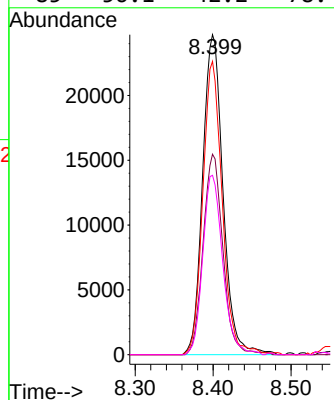
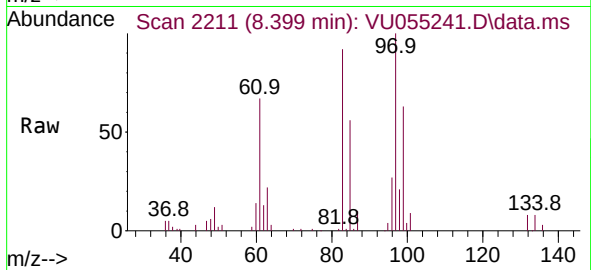




#45
1,1,2-Trichloroethane
Concen: 5.530 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

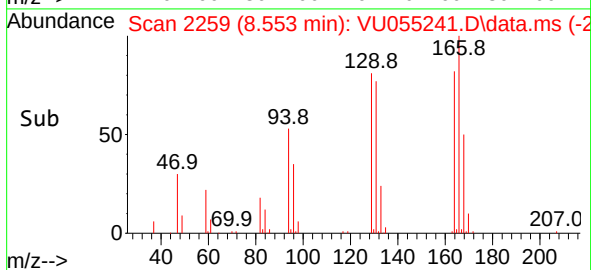
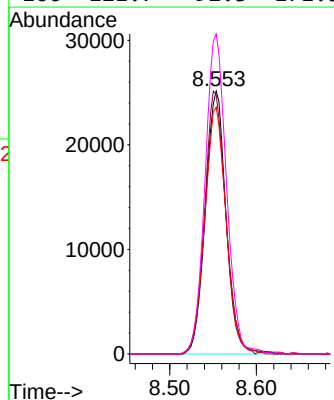
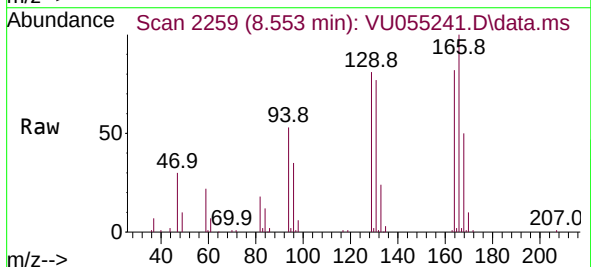
Instrument :
MSVOA_U
ClientSampleId :

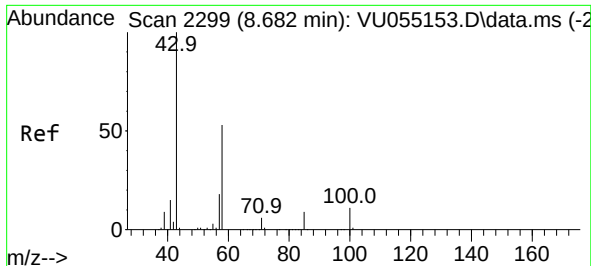
Tgt Ion:	97	Resp:	44888
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.9	83.5
83	91.6	66.9	124.3
85	56.1	42.2	78.4



#47
Tetrachloroethene
Concen: 4.940 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion:	164	Resp:	42002
Ion	Ratio	Lower	Upper
164	100		
129	98.6	69.2	128.6
131	93.9	68.8	127.8
166	121.7	92.3	171.5

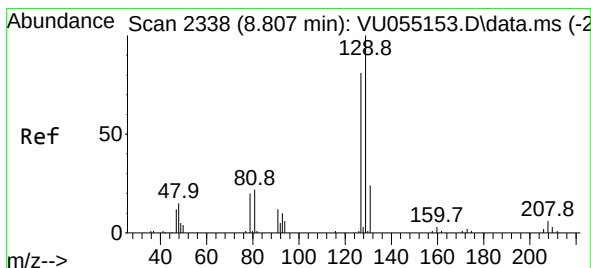
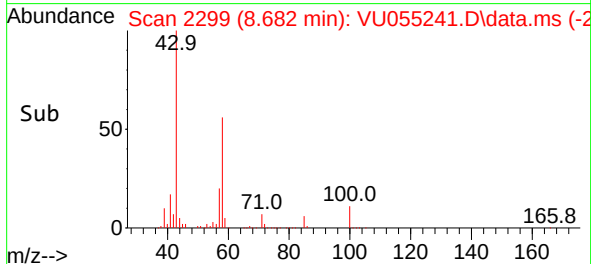
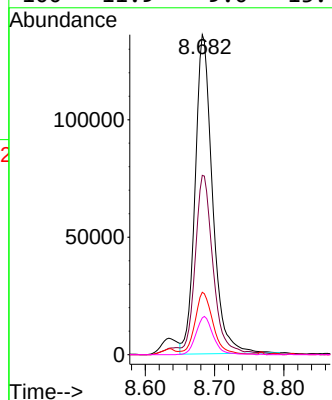
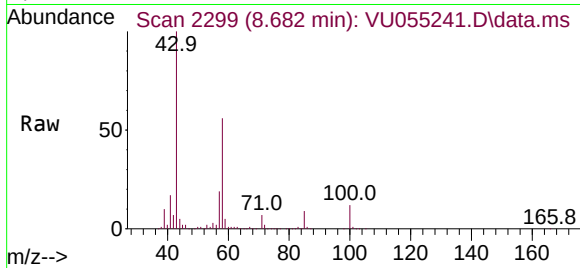




#48
2-Hexanone
Concen: 44.205 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

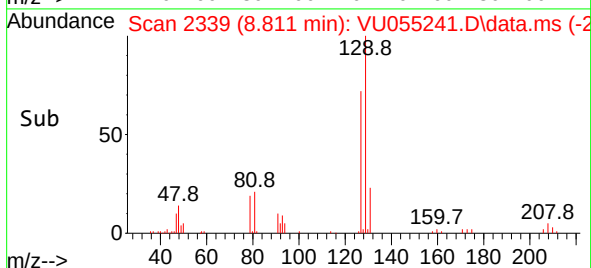
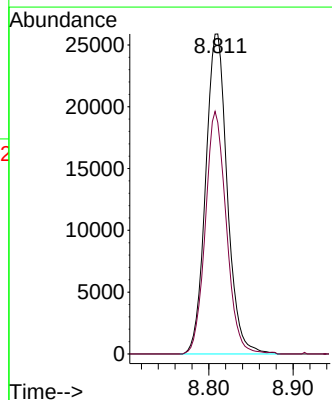
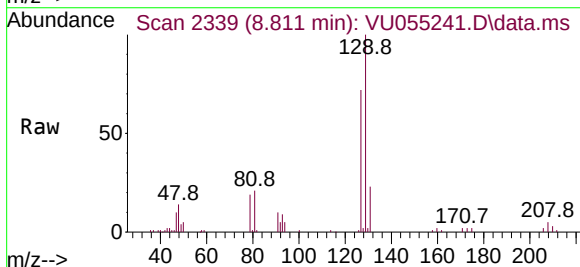
Instrument :
MSVOA_U
ClientSampleId :

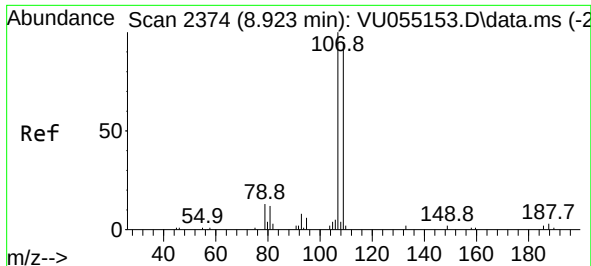
Tgt Ion: 43 Resp: 238029
Ion Ratio Lower Upper
43 100
58 60.6 44.0 66.0
57 19.9 16.2 24.2
100 11.9 9.0 13.4



#49
Dibromochloromethane
Concen: 5.212 ug/L
RT: 8.811 min Scan# 2339
Delta R.T. 0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 129 Resp: 46184
Ion Ratio Lower Upper
129 100
127 72.3 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.278 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055241.D

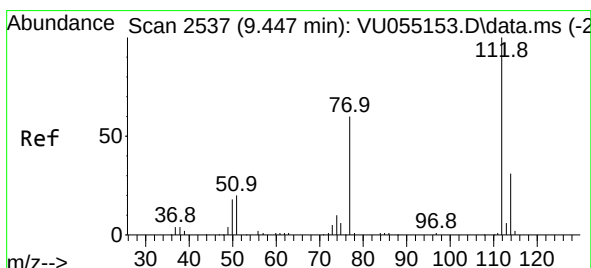
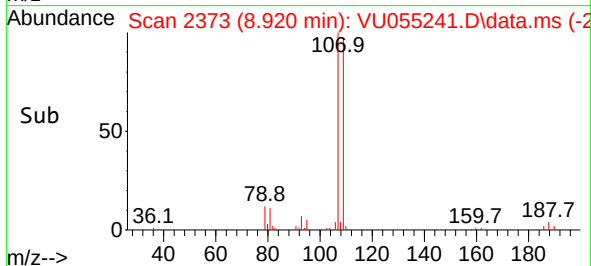
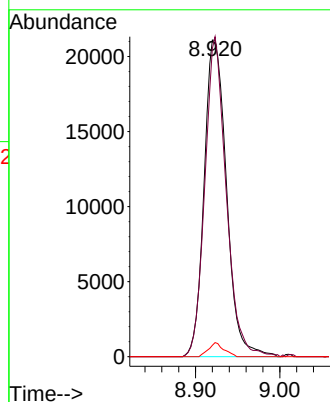
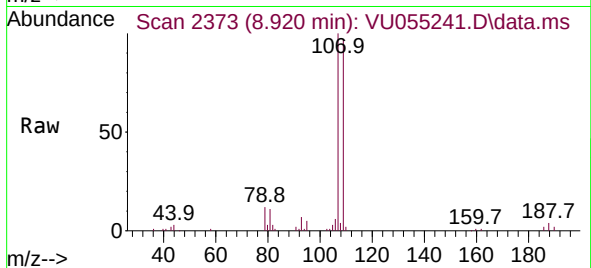
Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	39010
Ion	Ratio	Lower	Upper
107	100		
109	97.3	71.4	132.6
188	3.6	3.1	4.7



#51

Chlorobenzene

Concen: 5.042 ug/L

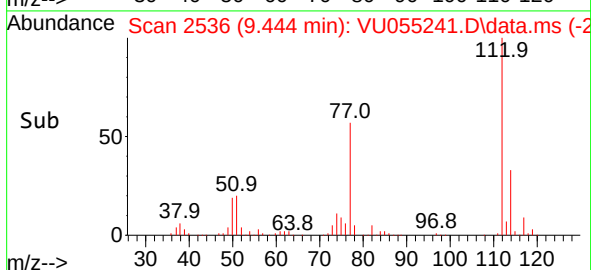
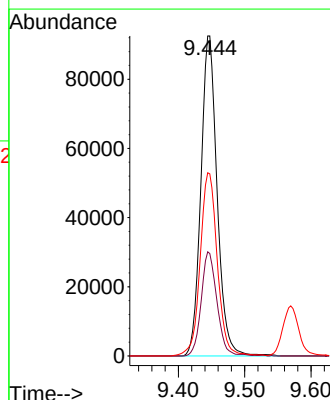
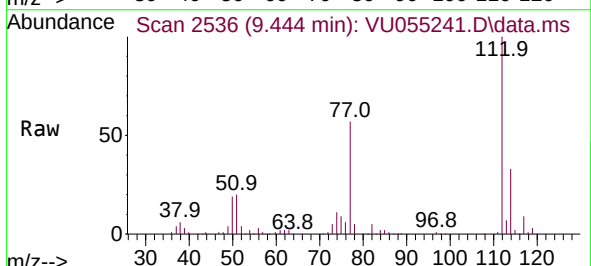
RT: 9.444 min Scan# 2536

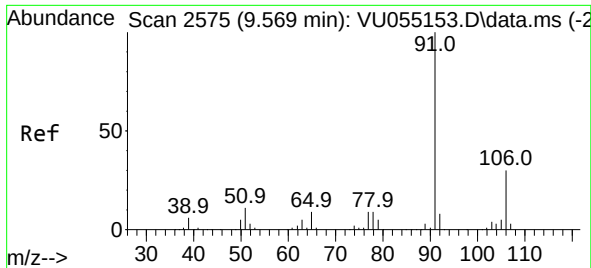
Delta R.T. -0.003 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Tgt Ion:	112	Resp:	157596
Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.7	40.3
77	57.3	48.6	72.8

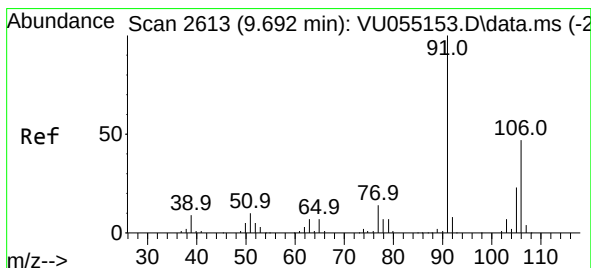
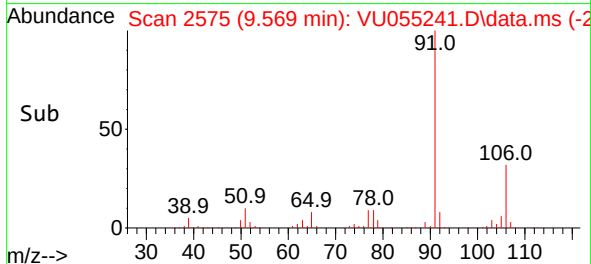
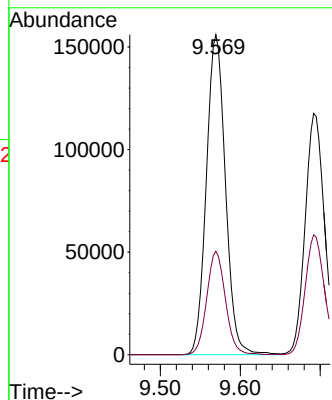
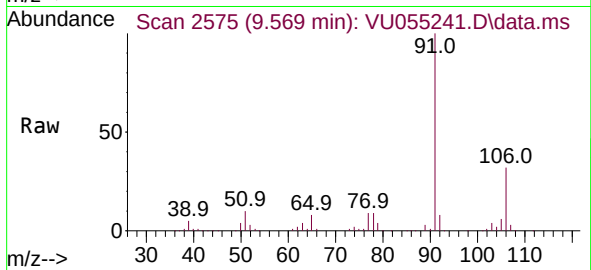




#52
Ethylbenzene
Concen: 4.910 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

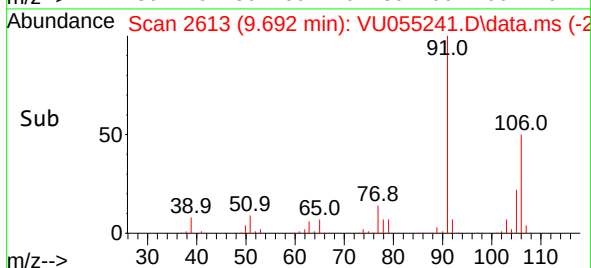
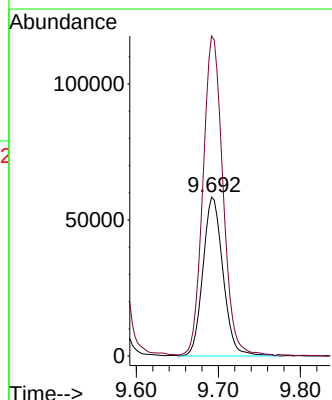
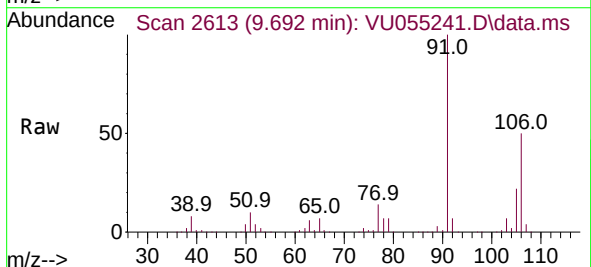
Instrument :
MSVOA_U
ClientSampleId :

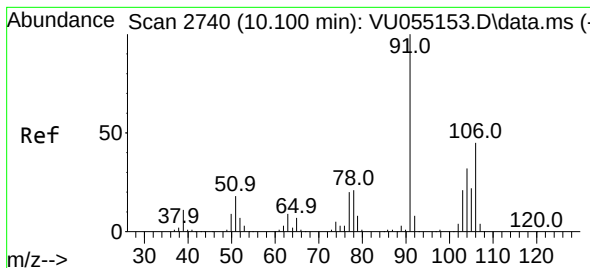
Tgt Ion: 91 Resp: 259212
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.086 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion: 106 Resp: 99353
Ion Ratio Lower Upper
106 100
91 201.3 148.3 275.5





#54

o-Xylene

Concen: 4.998 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

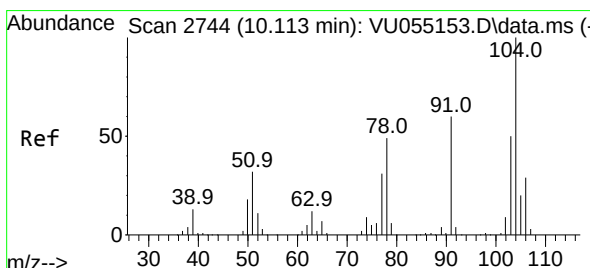
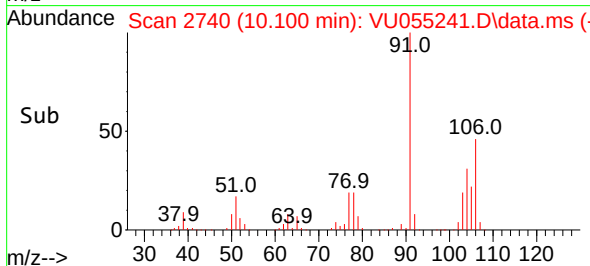
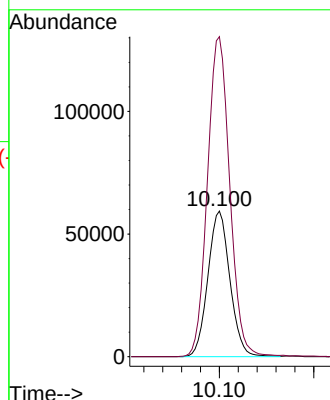
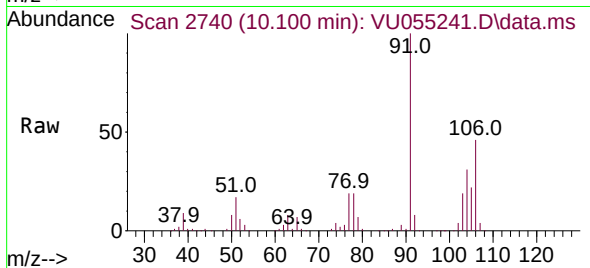
ClientSampleId :

Tgt Ion:106 Resp: 96080

Ion Ratio Lower Upper

106 100

91 219.7 152.9 284.1



#55

Styrene

Concen: 5.163 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU055241.D

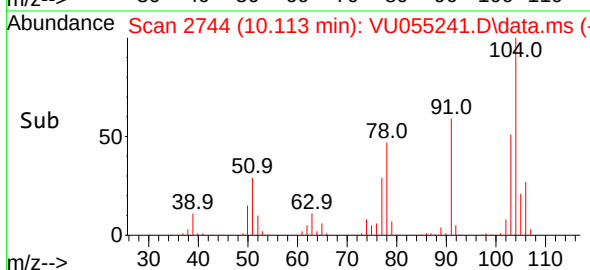
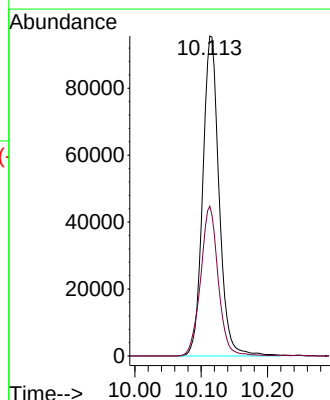
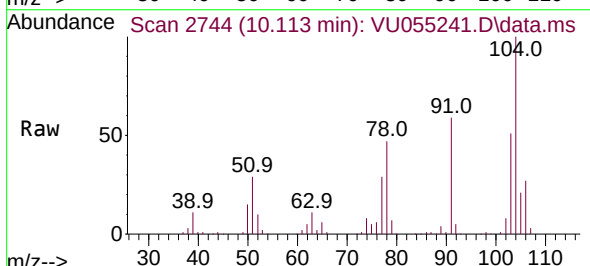
Acq: 12 Sep 2023 11:43

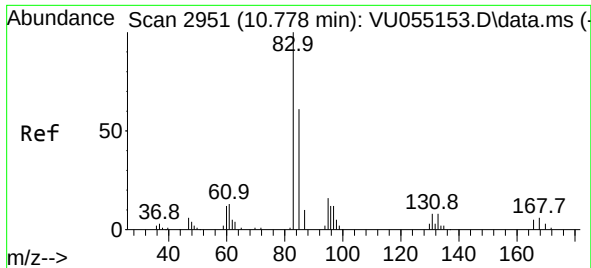
Tgt Ion:104 Resp: 163924

Ion Ratio Lower Upper

104 100

78 46.8 32.8 61.0

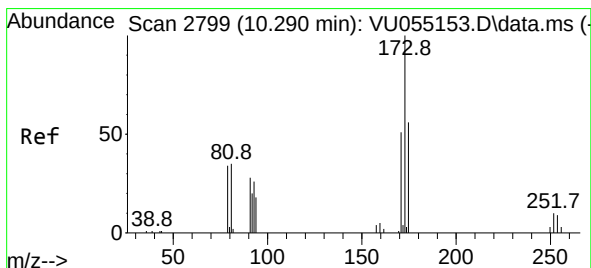
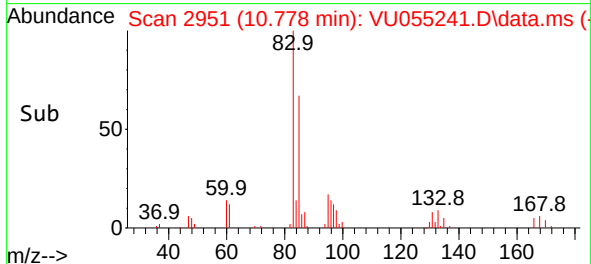
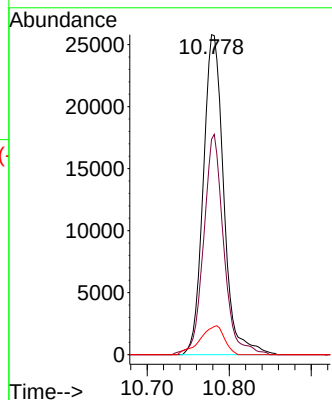
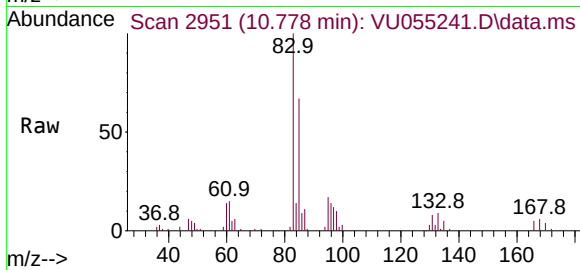




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.415 ug/L
 RT: 10.778 min Scan# 2951
 Delta R.T. -0.003 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

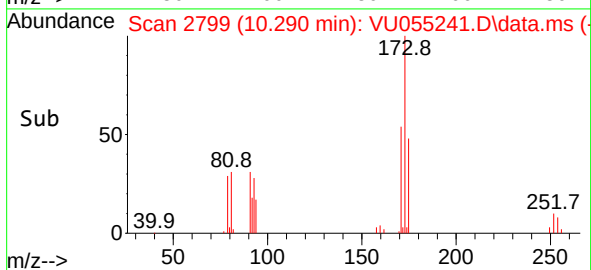
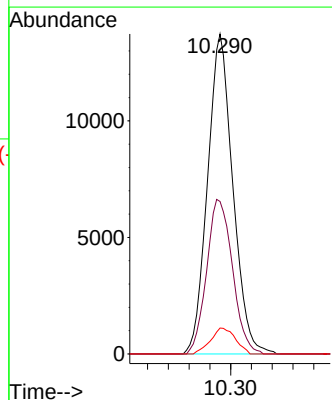
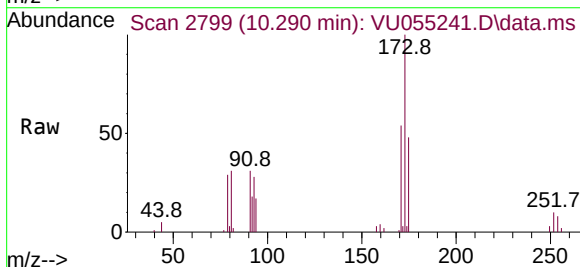
Instrument :
 MSVOA_U
 ClientSampleId :

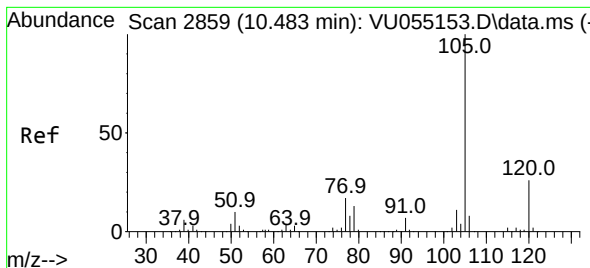
Tgt Ion: 83 Resp: 44642
 Ion Ratio Lower Upper
 83 100
 85 67.3 42.4 78.6
 131 8.3 7.6 11.4



#59
 Bromoform
 Concen: 5.279 ug/L
 RT: 10.290 min Scan# 2799
 Delta R.T. 0.000 min
 Lab File: VU055241.D
 Acq: 12 Sep 2023 11:43

Tgt Ion: 173 Resp: 23160
 Ion Ratio Lower Upper
 173 100
 175 49.3 40.9 61.3
 254 7.9 7.0 10.4





#60

Isopropylbenzene

Concen: 5.085 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

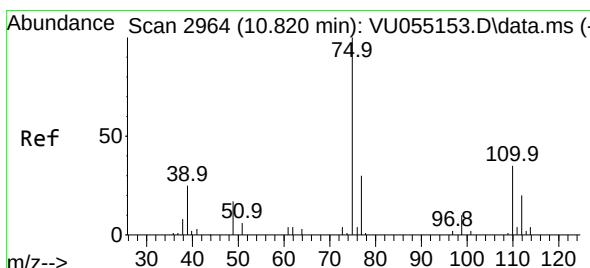
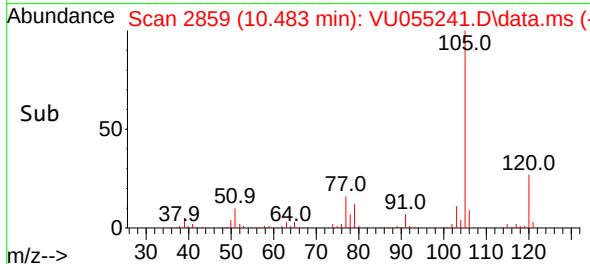
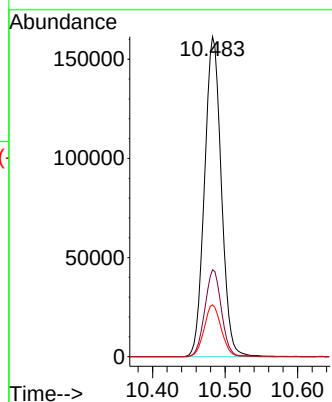
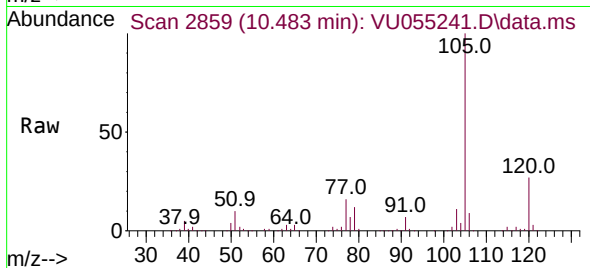
Tgt Ion:105 Resp: 260346

Ion Ratio Lower Upper

105 100

120 26.8 20.1 30.1

77 16.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 5.028 ug/L

RT: 10.823 min Scan# 2965

Delta R.T. 0.003 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

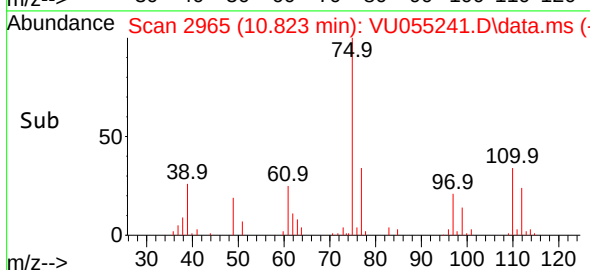
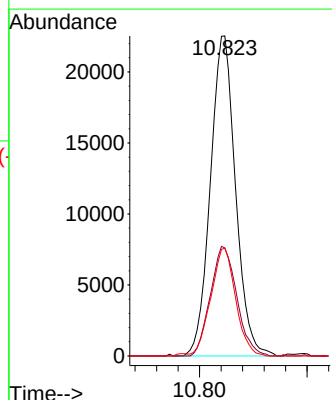
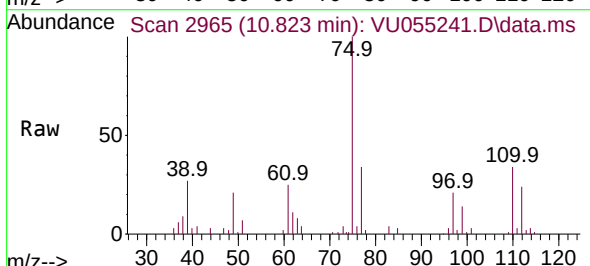
Tgt Ion: 75 Resp: 36638

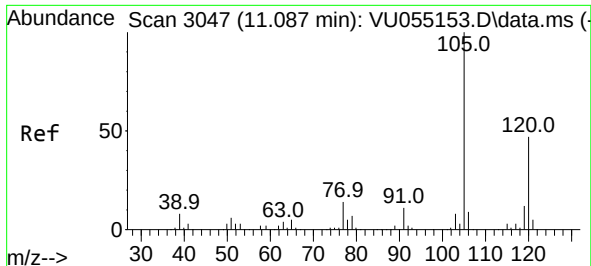
Ion Ratio Lower Upper

75 100

110 36.0 28.2 42.2

77 33.5 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.082 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

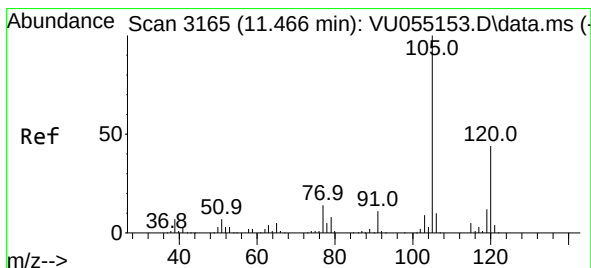
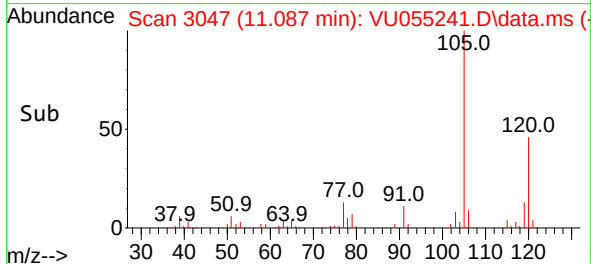
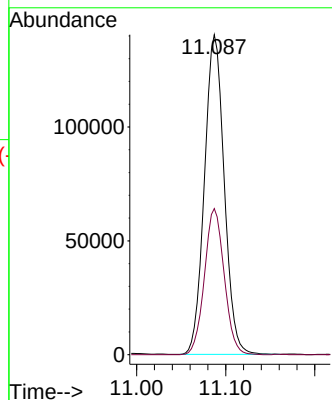
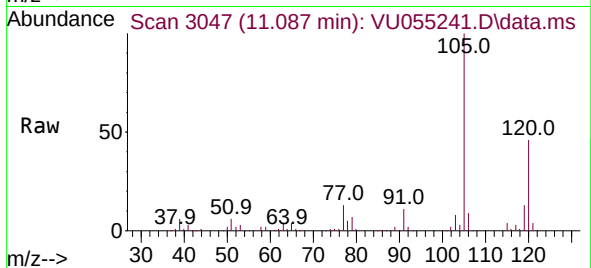
ClientSampleId :

Tgt Ion:105 Resp: 216451

Ion Ratio Lower Upper

105 100

120 45.6 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 4.933 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. -0.003 min

Lab File: VU055241.D

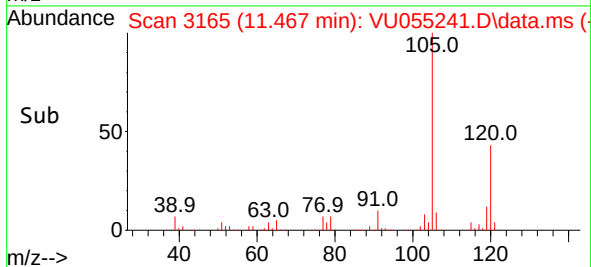
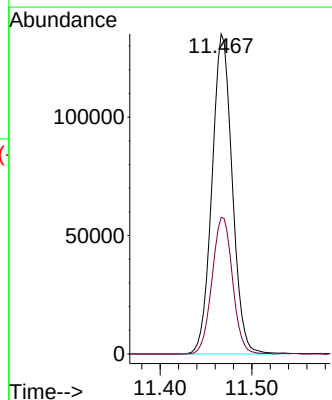
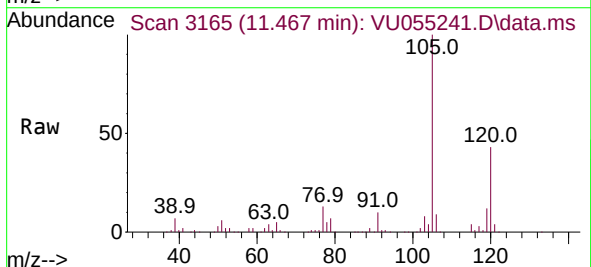
Acq: 12 Sep 2023 11:43

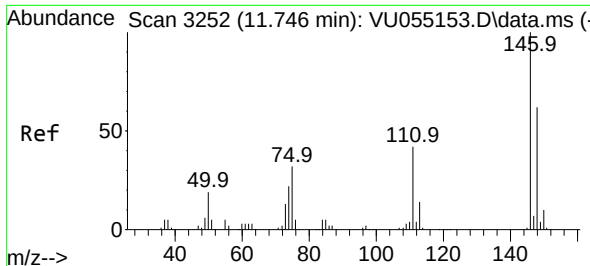
Tgt Ion:105 Resp: 207098

Ion Ratio Lower Upper

105 100

120 43.2 35.4 53.0

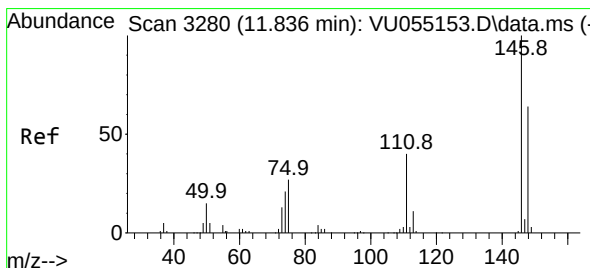
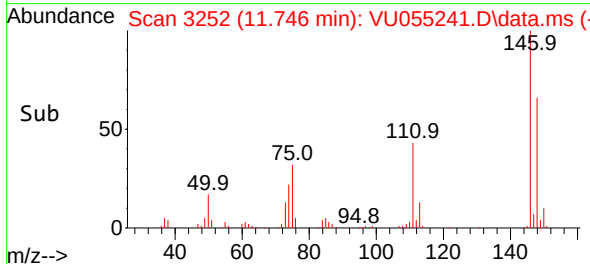
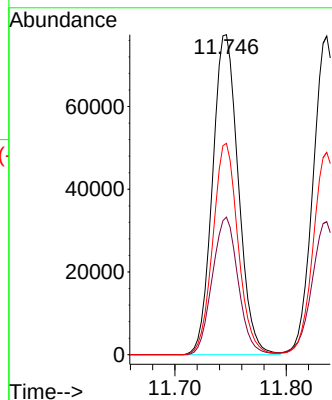
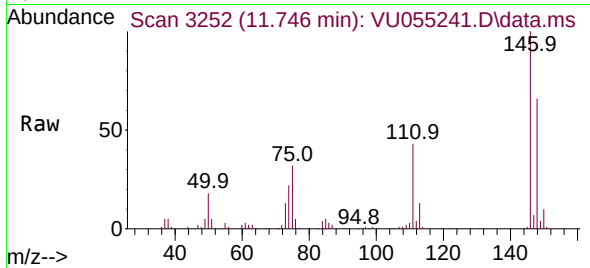




#64
1,3-Dichlorobenzene
Concen: 5.069 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

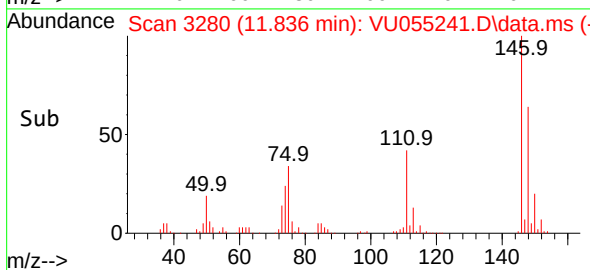
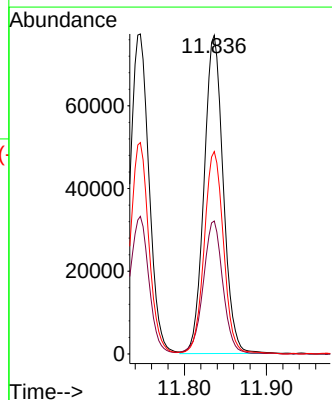
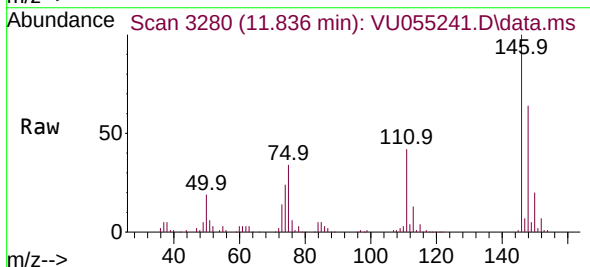
Instrument :
MSVOA_U
ClientSampleId :

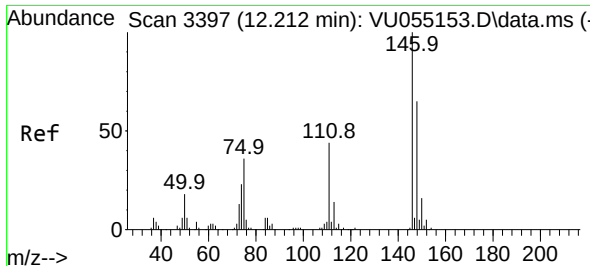
Tgt Ion:146 Resp: 124602
Ion Ratio Lower Upper
146 100
111 43.0 30.0 55.6
148 66.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.102 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion:146 Resp: 124992
Ion Ratio Lower Upper
146 100
111 41.7 28.1 52.1
148 63.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.090 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

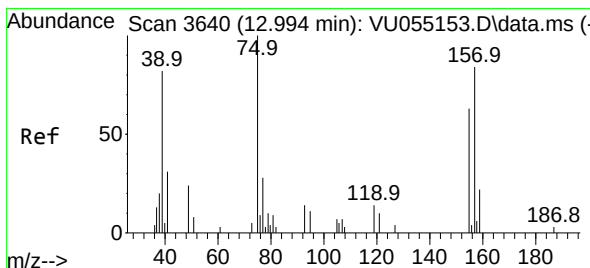
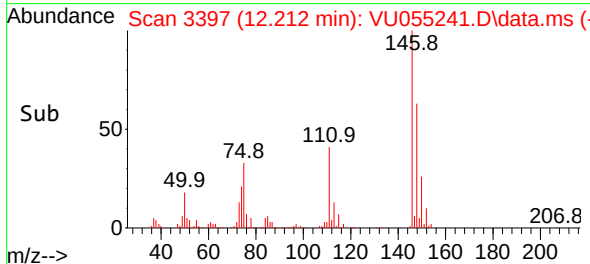
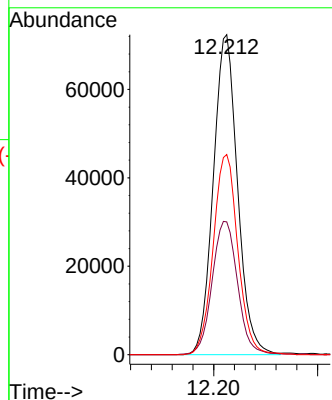
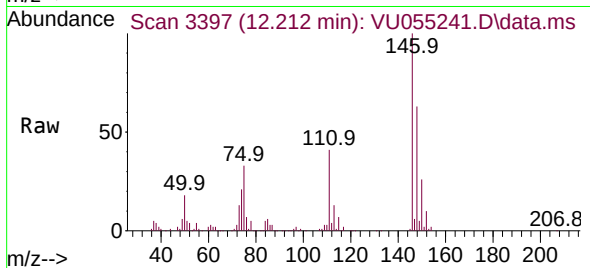
Tgt Ion:146 Resp: 117304

Ion Ratio Lower Upper

146 100

111 41.5 35.6 53.4

148 62.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.730 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

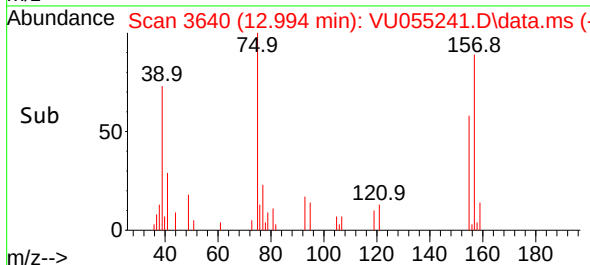
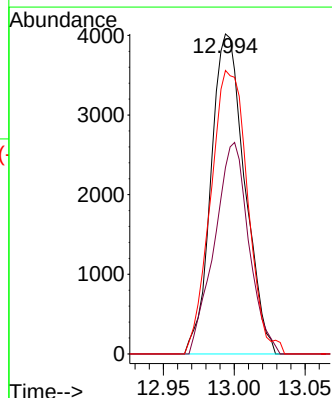
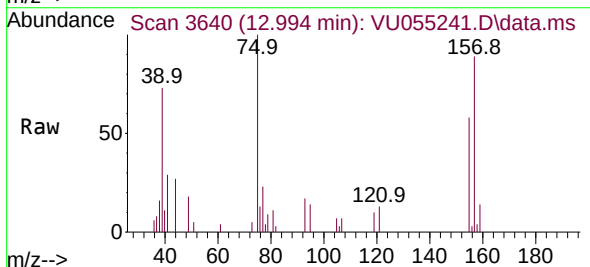
Tgt Ion: 75 Resp: 6640

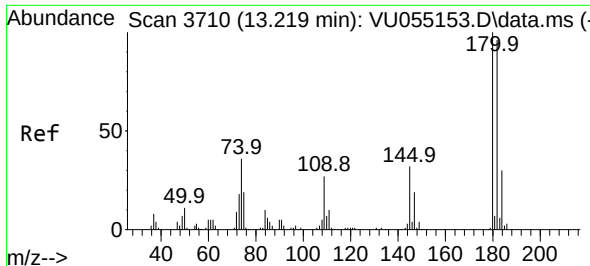
Ion Ratio Lower Upper

75 100

155 58.3 61.1 91.7#

157 88.6 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.631 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.000 min

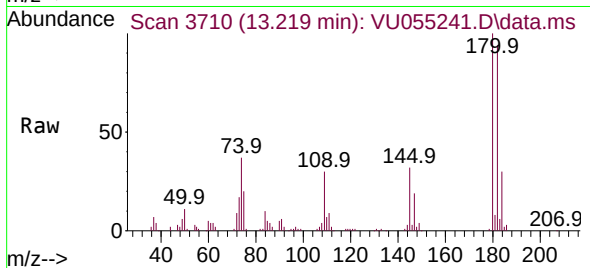
Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 86018

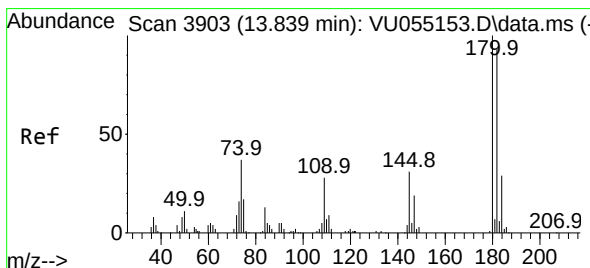
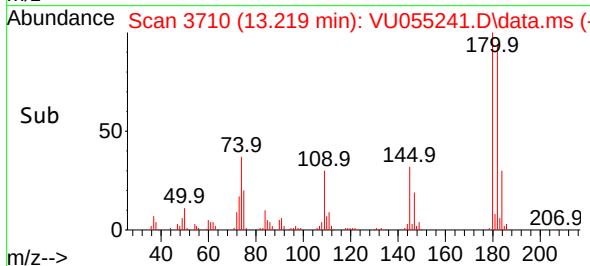
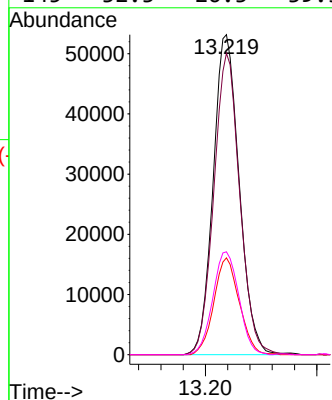
Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.6

184 29.7 24.0 36.0

145 32.3 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 3.708 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055241.D

Acq: 12 Sep 2023 11:43

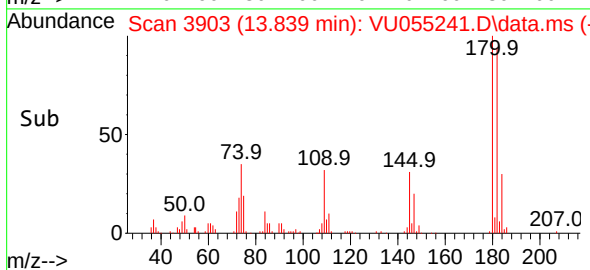
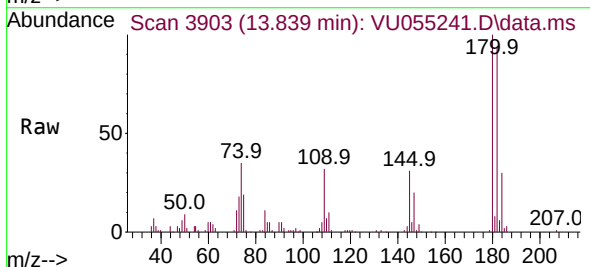
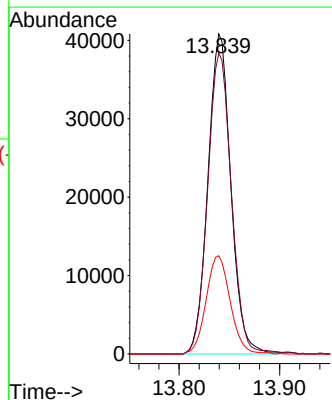
Tgt Ion:180 Resp: 64588

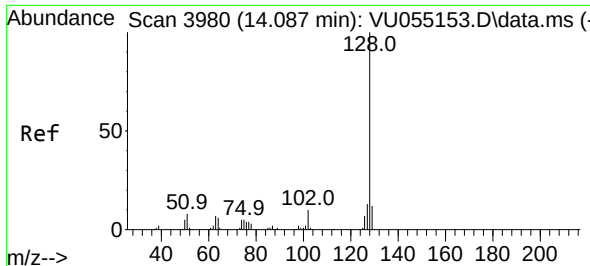
Ion Ratio Lower Upper

180 100

182 97.2 73.6 110.4

145 32.3 25.8 38.8

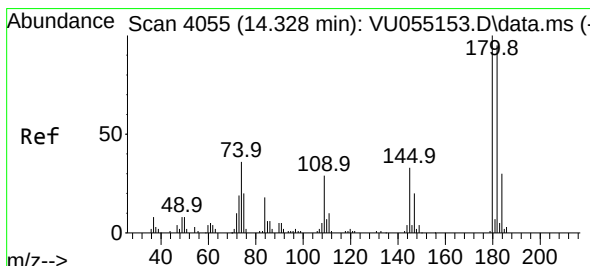
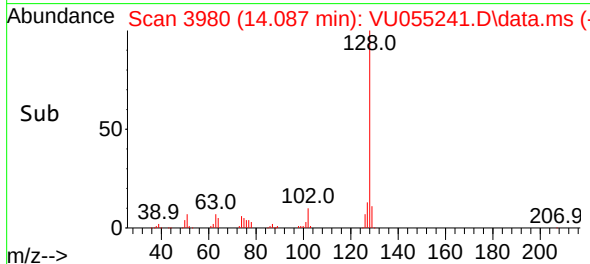
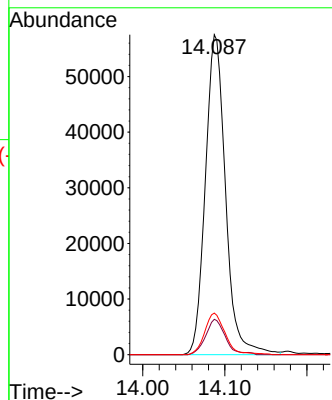
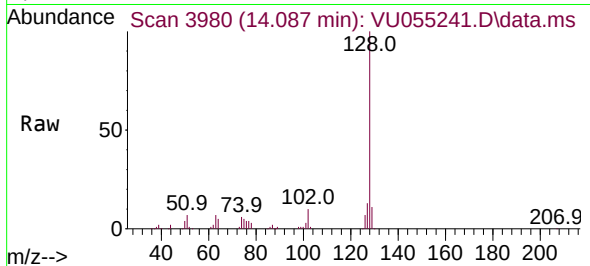




#71
Naphthalene
Concen: 3.102 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.2
127	13.2	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.609 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055241.D
Acq: 12 Sep 2023 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.6	113.4
145	33.1	27.0	40.6

