

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092623\
 Data File : VU055507.D
 Acq On : 26 Sep 2023 10:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:37:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	288395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	290100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	162569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117360	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.908	69	88733	3.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.564	65	49054	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.631	46	197930	37.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.200%
24) Chloroform-d	5.059	84	212451	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.699	65	96636	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.724	84	418653	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.689	67	121930	4.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.895	98	388994	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.178	79	47418	4.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.631	63	125009	38.628	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90738	3.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	132055	4.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	146446	5.216	ug/L	100
3) Chloromethane	1.515	50	125858	5.096	ug/L	98
5) Vinyl chloride	1.599	62	140980	5.290	ug/L	99
6) Bromomethane	1.853	94	76187	4.501	ug/L	98
8) Chloroethane	1.930	64	77824	4.476	ug/L	99
9) Trichlorofluoromethane	2.133	101	184267	4.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	118134	5.254	ug/L	99
12) 1,1-Dichloroethene	2.576	96	106674	5.290	ug/L	86
13) Acetone	2.638	43	155180	51.708	ug/L	98
14) Carbon disulfide	2.789	76	334399	5.517	ug/L	99
15) Methyl Acetate	2.953	43	35757	5.226	ug/L	98
16) Methylene chloride	3.039	84	119428	4.944	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	231424	5.291	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	109673	5.396	ug/L	97
19) 1,1-Dichloroethane	3.863	63	206036	5.482	ug/L	98
21) 2-Butanone	4.708	43	232827	52.896	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	121210	5.144	ug/L	99
23) Bromochloromethane	4.972	128	51922	5.213	ug/L	98
25) Chloroform	5.081	83	213340	5.361	ug/L	98

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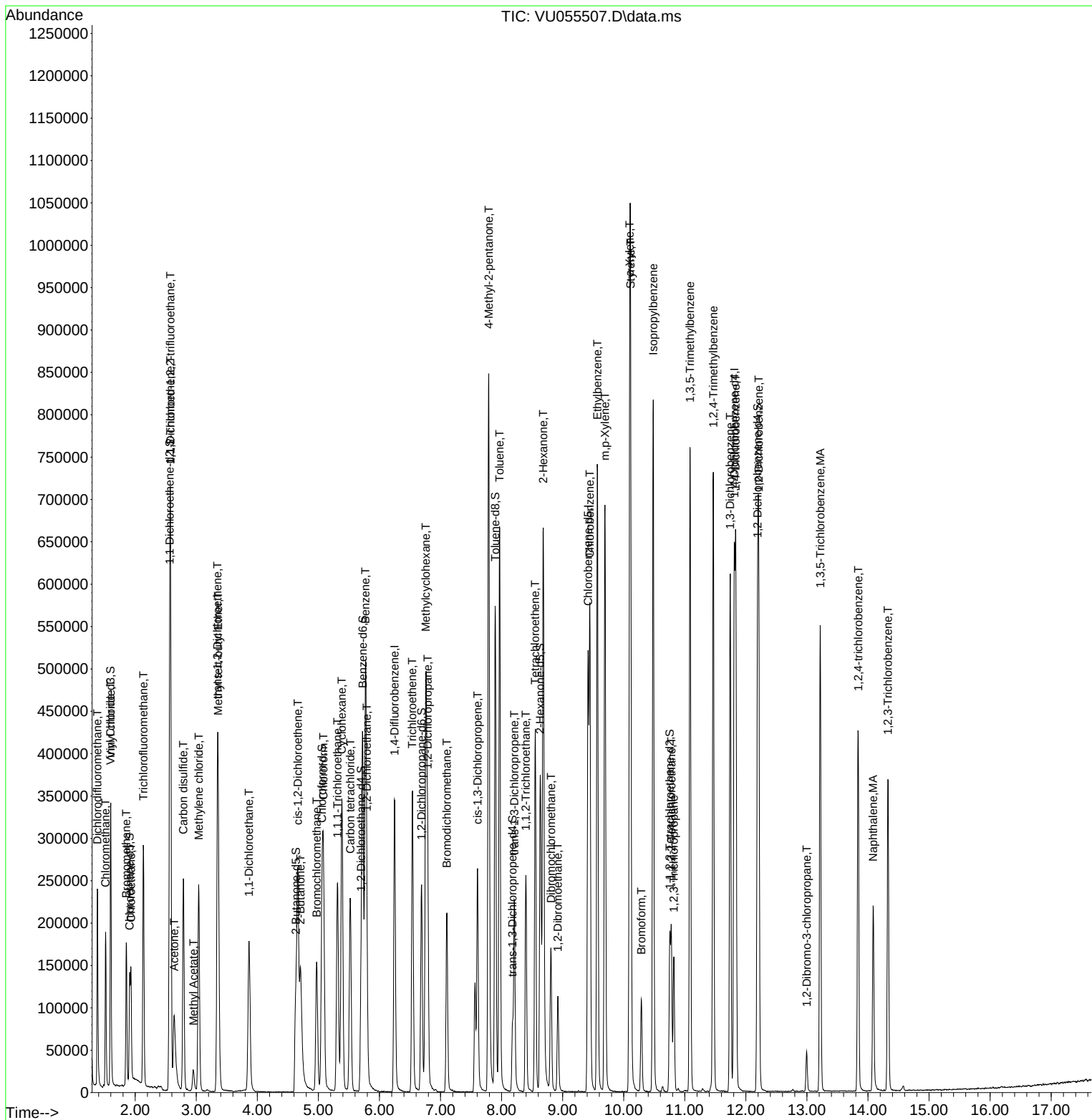
Instrument :
 MSVOA_U
 ClientSampleId :

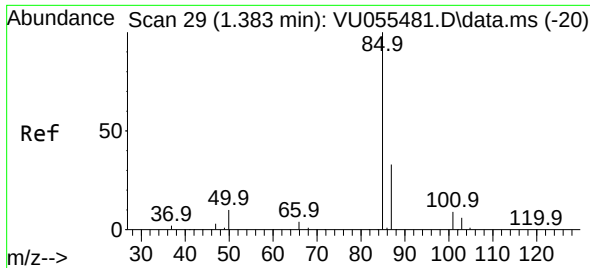
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	121597	4.982	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	184734	5.586	ug/L	98
30) Cyclohexane	5.383	56	173238	5.722	ug/L	99
31) Carbon tetrachloride	5.522	117	162677	5.739	ug/L	98
33) Benzene	5.769	78	468891	5.616	ug/L	100
34) Trichloroethene	6.538	95	126415	5.352	ug/L	97
35) Methylcyclohexane	6.760	83	186450	5.480	ug/L	98
37) 1,2-Dichloropropane	6.789	63	118911	5.445	ug/L	99
38) Bromodichloromethane	7.104	83	146771	5.736	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	167443	5.745	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	541997	54.717	ug/L	98
42) Toluene	7.965	91	499501	5.608	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	135821	5.825	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	82997	5.421	ug/L	98
47) Tetrachloroethene	8.550	164	96322	5.685	ug/L	97
48) 2-Hexanone	8.682	43	422536	55.040	ug/L	98
49) Dibromochloromethane	8.808	129	92286	5.750	ug/L	96
50) 1,2-Dibromoethane	8.920	107	76853	5.409	ug/L	96
51) Chlorobenzene	9.444	112	305093	5.348	ug/L	96
52) Ethylbenzene	9.567	91	528288	5.533	ug/L	98
53) m,p-Xylene	9.692	106	206065	5.759	ug/L	99
54) o-Xylene	10.097	106	192954	5.547	ug/L	98
55) Styrene	10.113	104	329531	5.858	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.779	83	94026	5.440	ug/L	97
59) Bromoform	10.287	173	50433	5.788	ug/L	98
60) Isopropylbenzene	10.483	105	533920	5.699	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	68055	5.363	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	428862	5.724	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	416069	5.673	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	253770	5.657	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	249977	5.576	ug/L	100
67) 1,2-Dichlorobenzene	12.210	146	229307	5.576	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	13279	6.037	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	173195	5.607	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	130882	5.557	ug/L	97
71) Naphthalene	14.084	128	186429	5.468	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	115907	5.656	ug/L	98

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

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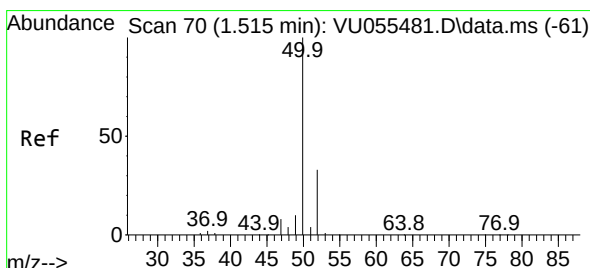
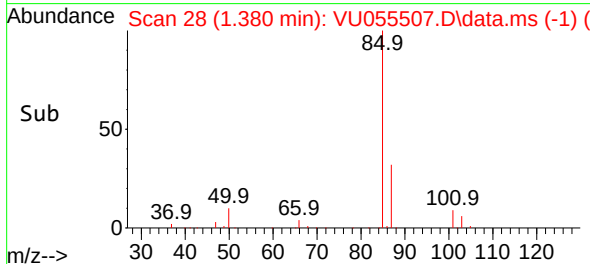
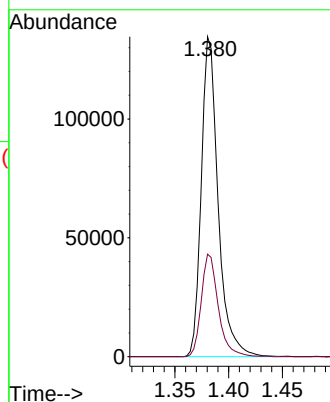
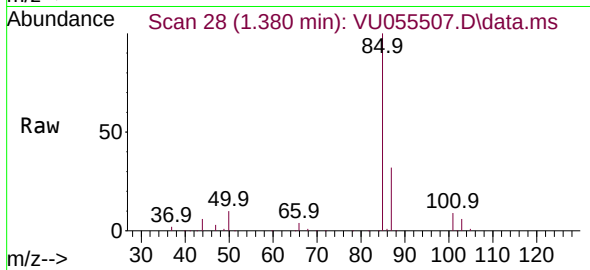




#2
 Dichlorodifluoromethane
 Concen: 5.216 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

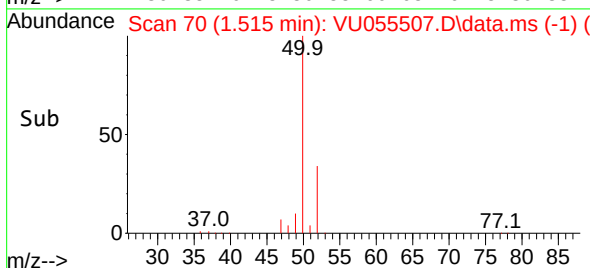
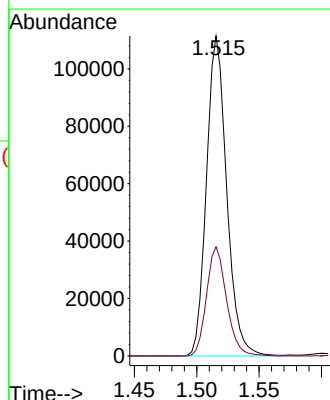
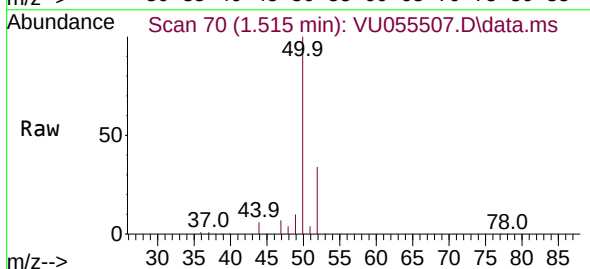
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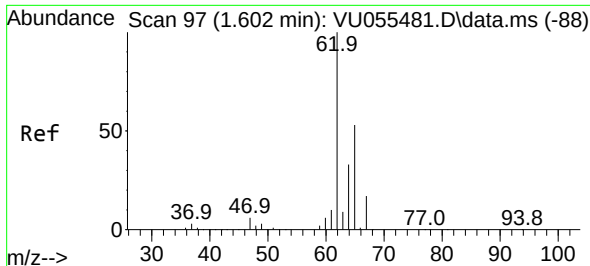
Tgt Ion: 85 Resp: 146446
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.096 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Tgt Ion: 50 Resp: 125858
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.9 42.5

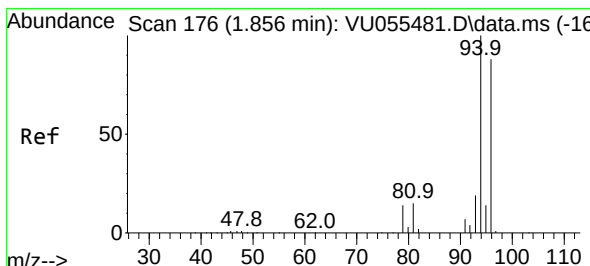
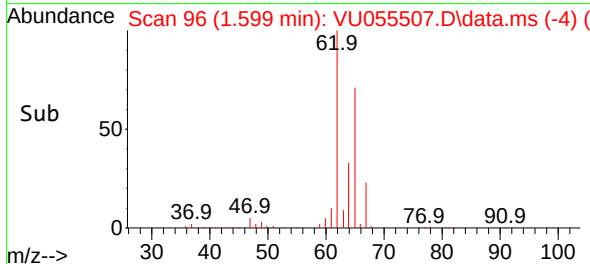
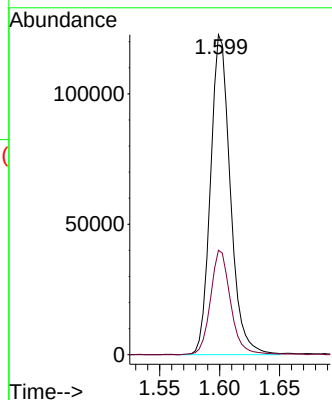
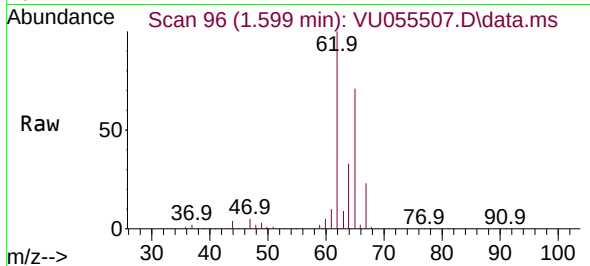




#5
 Vinyl chloride
 Concen: 5.290 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

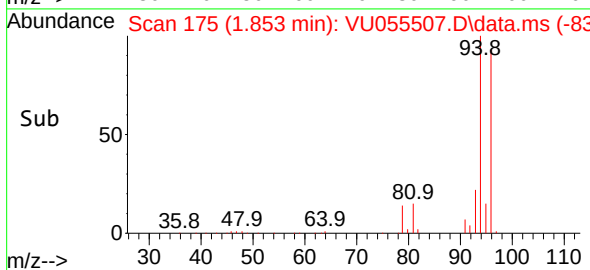
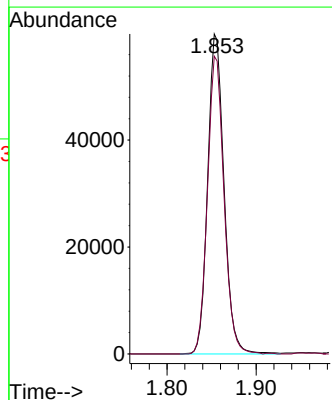
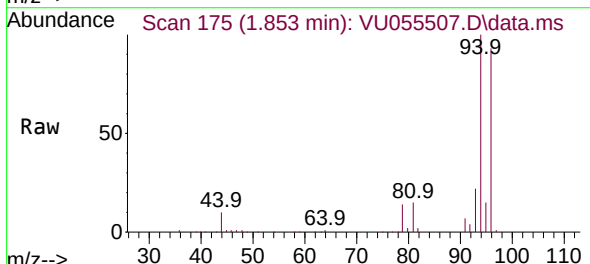
Instrument :
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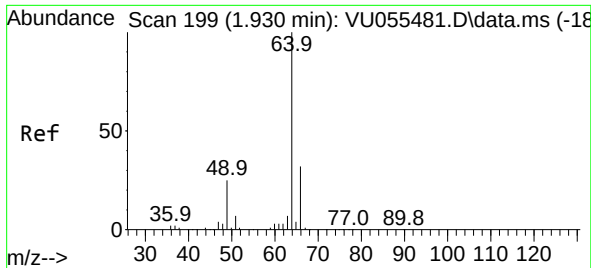
Tgt Ion: 62 Resp: 140980
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#6
 Bromomethane
 Concen: 4.501 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Tgt Ion: 94 Resp: 76187
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.4 123.2





#8

Chloroethane

Concen: 4.476 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

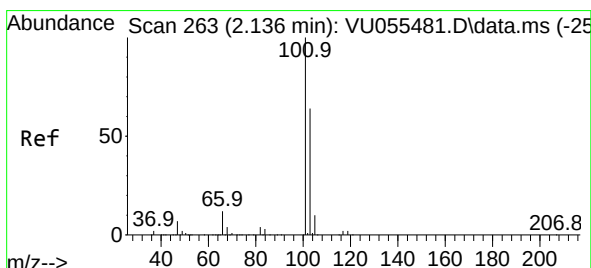
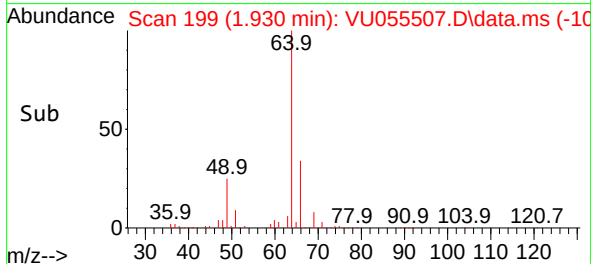
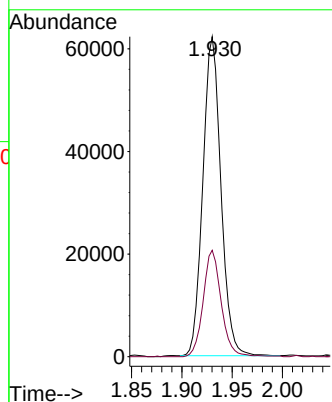
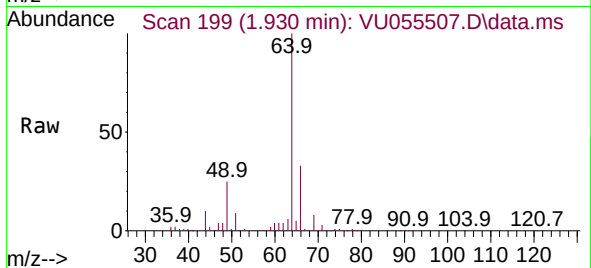
ClientSampleId :

Tgt Ion: 64 Resp: 77824

Ion Ratio Lower Upper

64 100

66 33.2 23.7 44.1



#9

Trichlorofluoromethane

Concen: 4.987 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.004 min

Lab File: VU055507.D

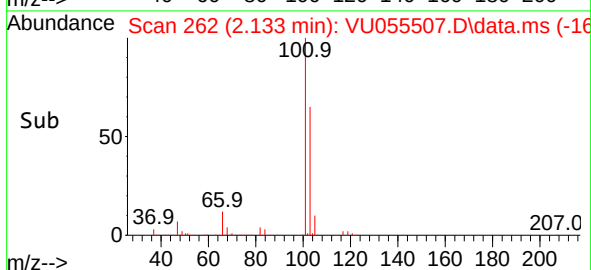
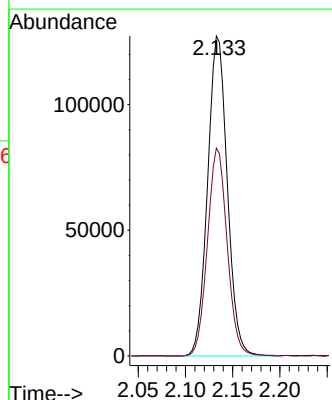
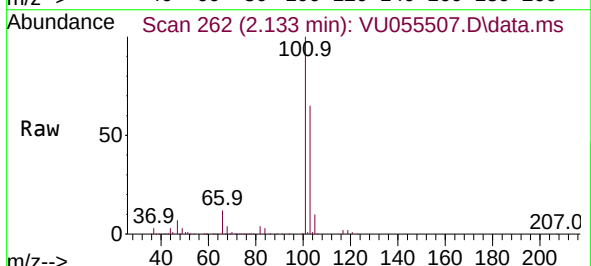
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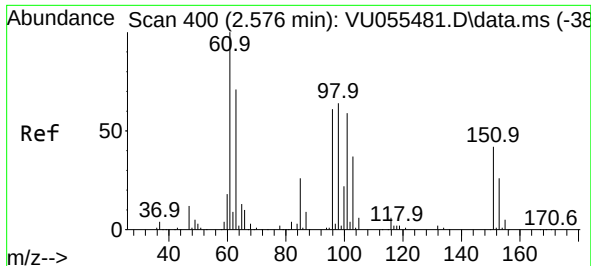
Tgt Ion:101 Resp: 184267

Ion Ratio Lower Upper

101 100

103 65.0 52.0 78.0

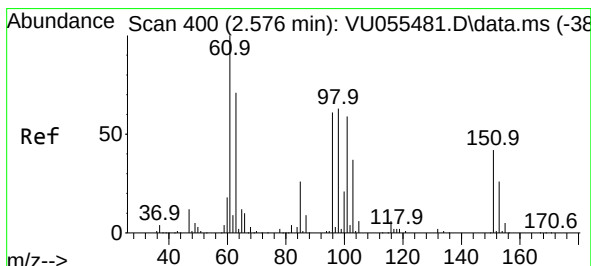
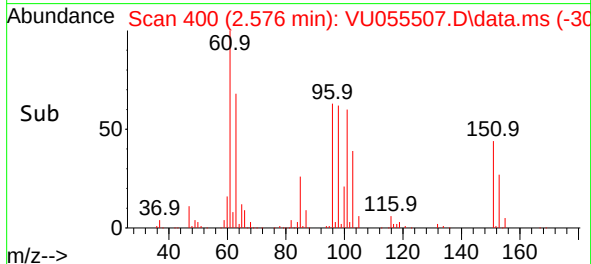
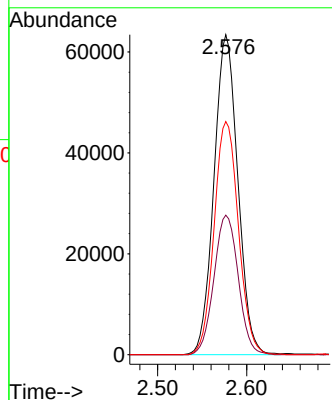
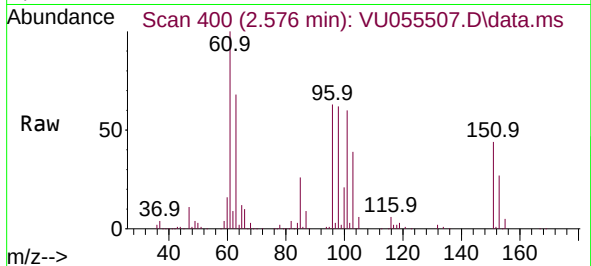




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.254 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.004 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

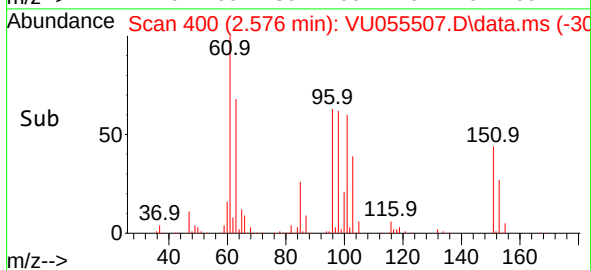
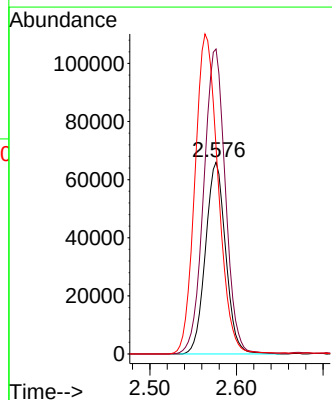
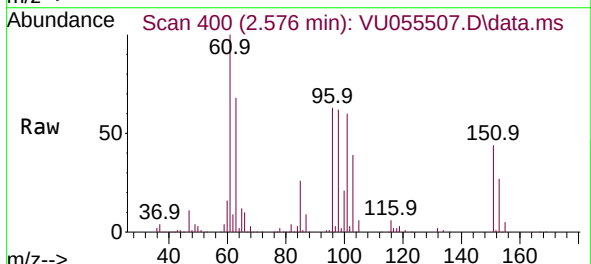
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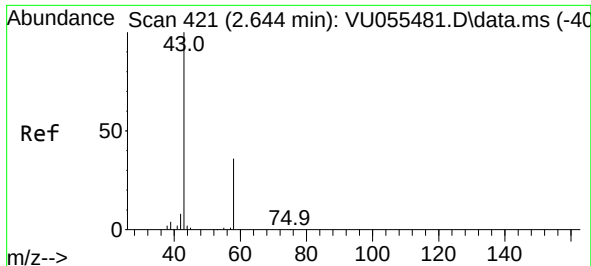
Tgt Ion:101 Resp: 118134
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.8 53.6
 151 74.4 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 5.290 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.004 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Tgt Ion: 96 Resp: 106674
 Ion Ratio Lower Upper
 96 100
 61 159.1 114.5 212.7
 63 107.9 98.3 182.5





#13

Acetone

Concen: 51.708 ug/L

RT: 2.638 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

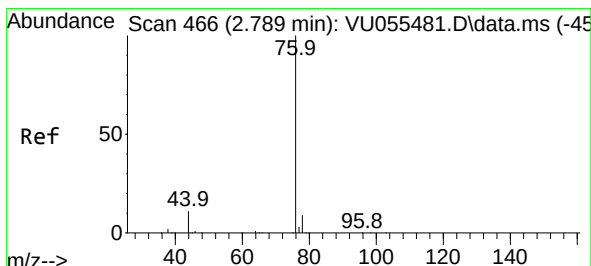
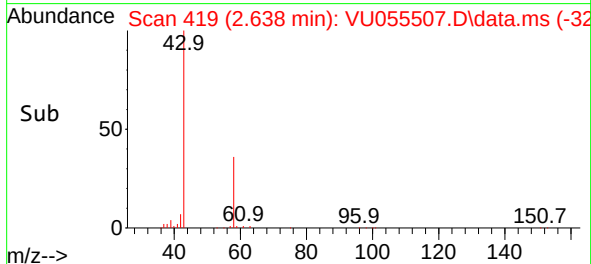
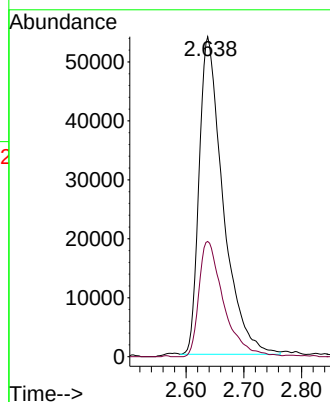
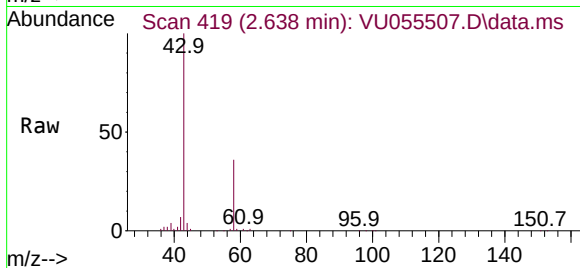
ClientSampleId :

Tgt Ion: 43 Resp: 155180

Ion Ratio Lower Upper

43 100

58 37.4 0.0 72.2



#14

Carbon disulfide

Concen: 5.517 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU055507.D

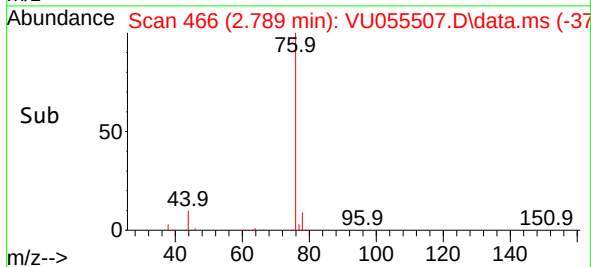
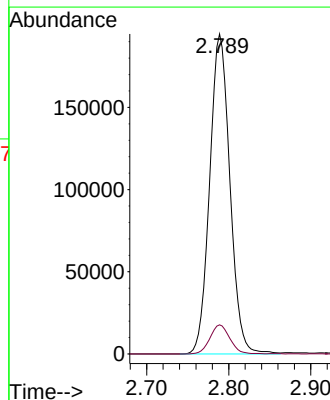
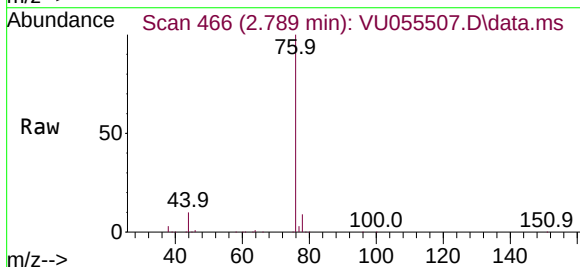
Acq: 26 Sep 2023 10:15

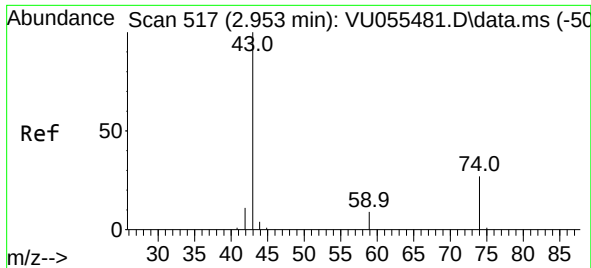
Tgt Ion: 76 Resp: 334399

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

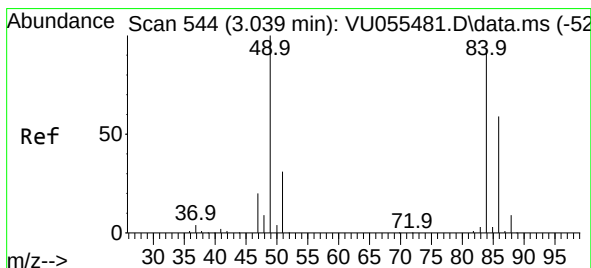
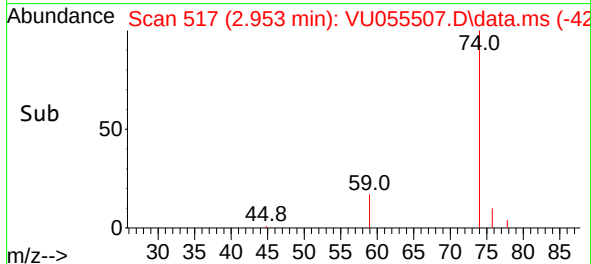
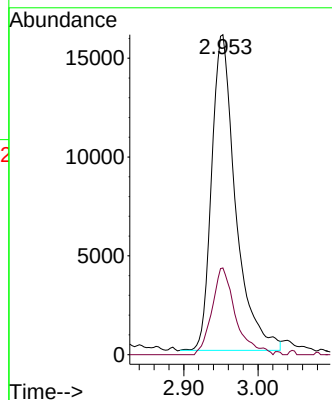
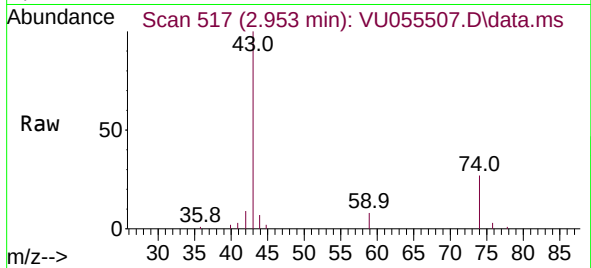




#15
Methyl Acetate
Concen: 5.226 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

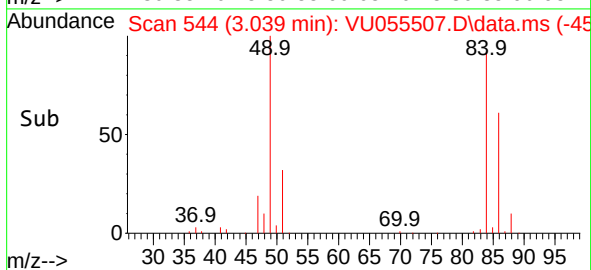
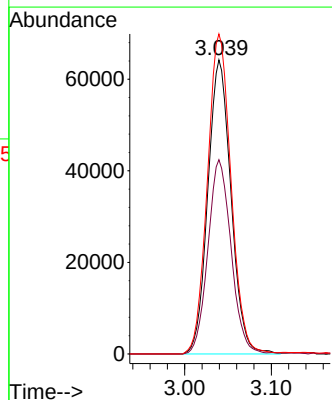
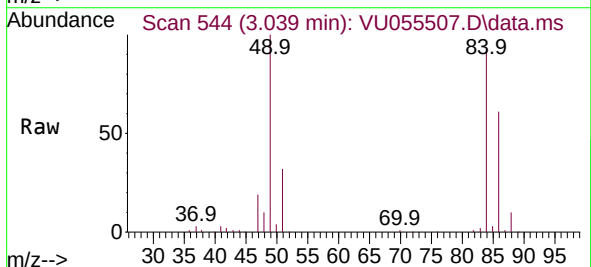
Instrument :
MSVOA_U
ClientSampleId :

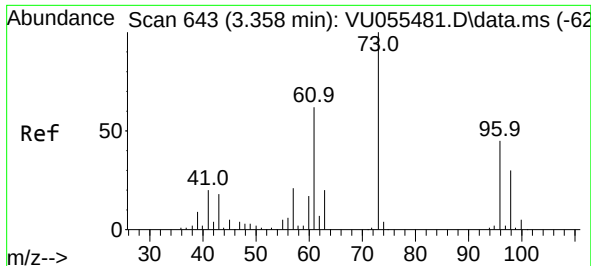
Tgt Ion: 43 Resp: 35757
Ion Ratio Lower Upper
43 100
74 26.9 22.3 33.5



#16
Methylene chloride
Concen: 4.944 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion: 84 Resp: 119428
Ion Ratio Lower Upper
84 100
86 66.0 44.9 83.3
49 108.8 78.8 146.3

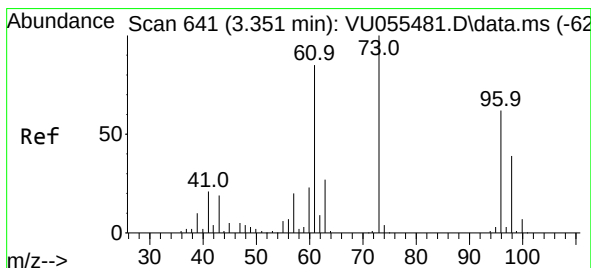
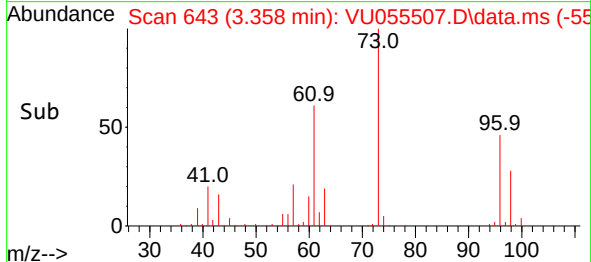
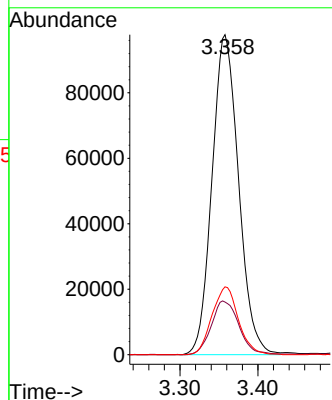
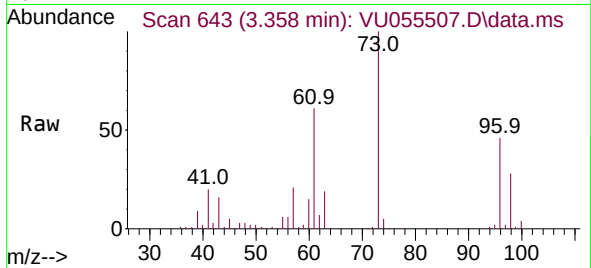




#17
Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

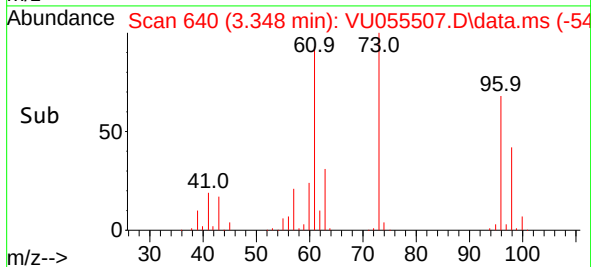
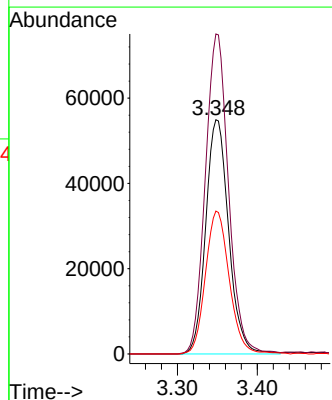
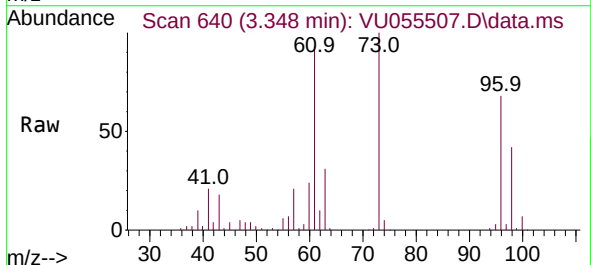
Instrument :
MSVOA_U
ClientSampleId :

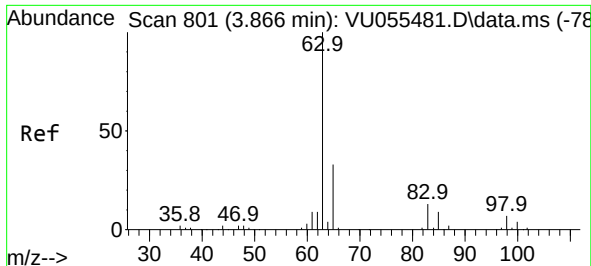
Tgt Ion: 73 Resp: 231424
Ion Ratio Lower Upper
73 100
43 17.5 14.9 22.3
57 21.1 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.396 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion: 96 Resp: 109673
Ion Ratio Lower Upper
96 100
61 136.6 94.6 175.6
98 61.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.482 ug/L

RT: 3.863 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU055507.D

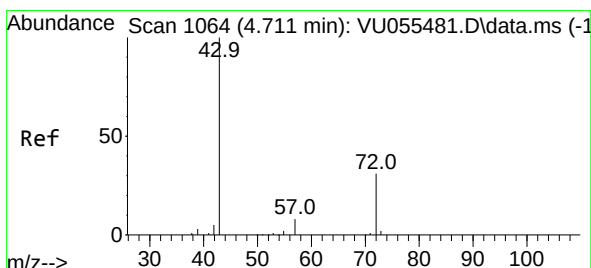
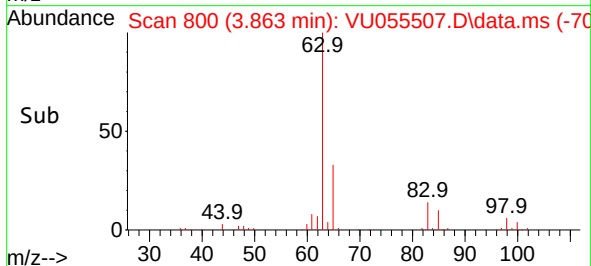
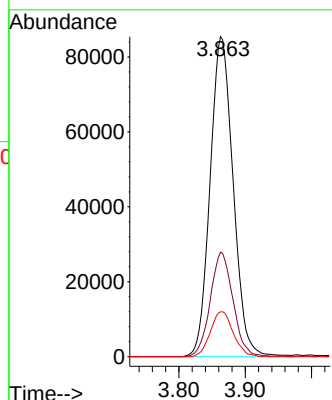
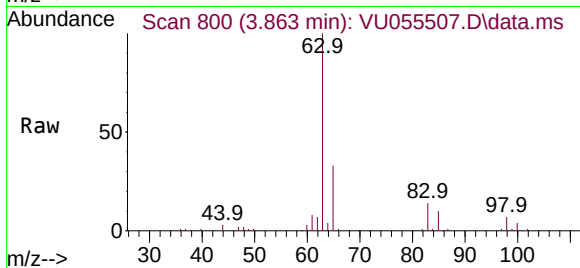
Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	206036
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.0	41.0
83	14.0	10.1	18.9



#21

2-Butanone

Concen: 52.896 ug/L

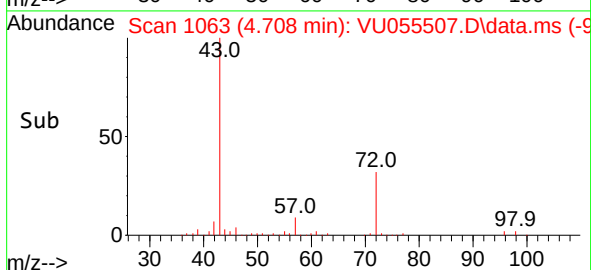
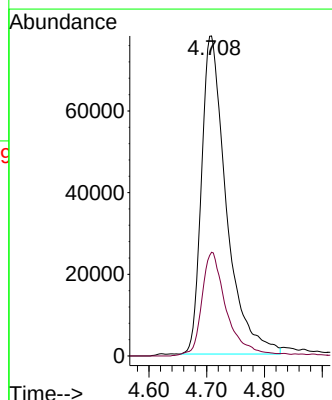
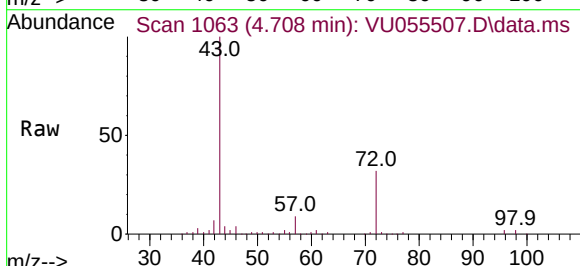
RT: 4.708 min Scan# 1063

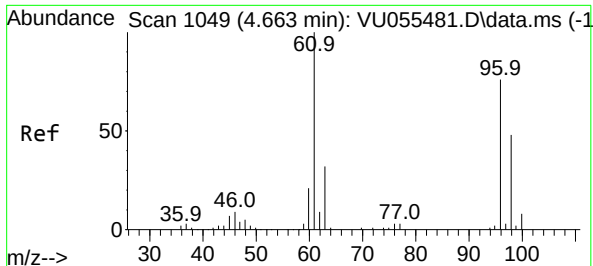
Delta R.T. -0.003 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Tgt Ion:	43	Resp:	232827
Ion	Ratio	Lower	Upper
43	100		
72	32.3	15.1	45.3

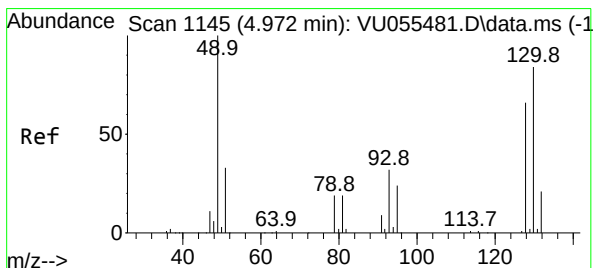
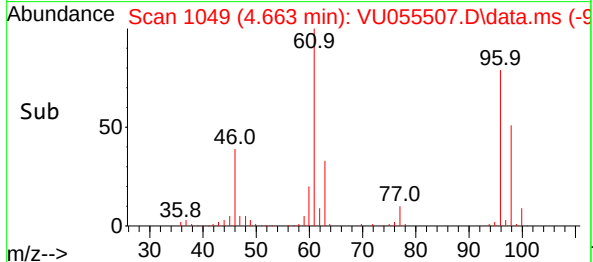
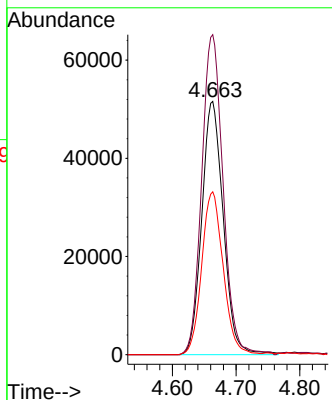
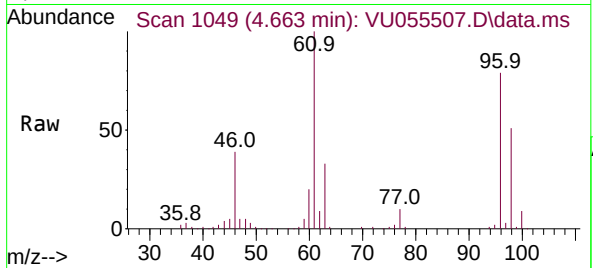




#22
 cis-1,2-Dichloroethene
 Concen: 5.144 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.004 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

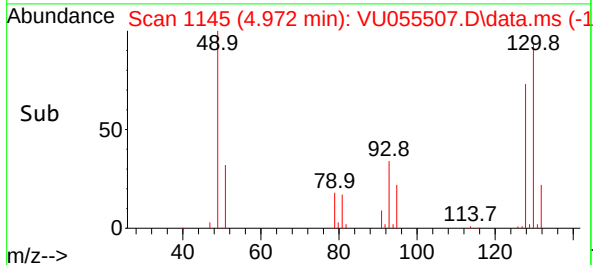
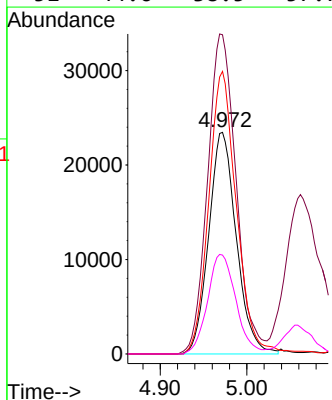
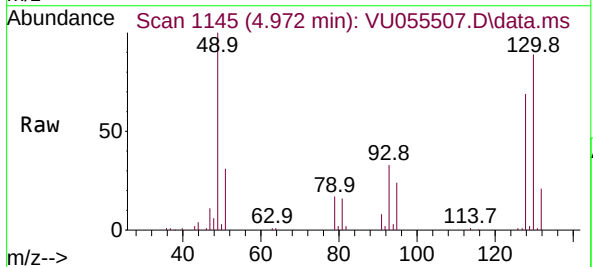
Instrument :
 MSVOA_U
 ClientSampleId :

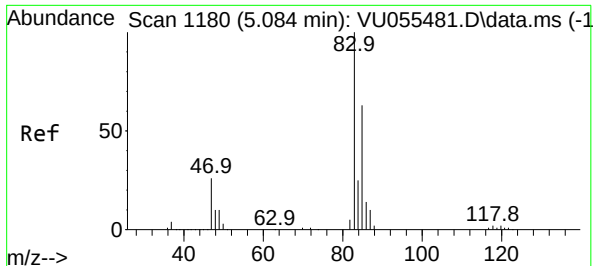
Tgt Ion: 96 Resp: 121210
 Ion Ratio Lower Upper
 96 100
 61 126.3 87.8 163.2
 98 64.3 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.213 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Tgt Ion: 128 Resp: 51922
 Ion Ratio Lower Upper
 128 100
 49 144.0 102.8 191.0
 130 127.5 89.9 166.9
 51 44.6 38.5 57.7





#25

Chloroform

Concen: 5.361 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

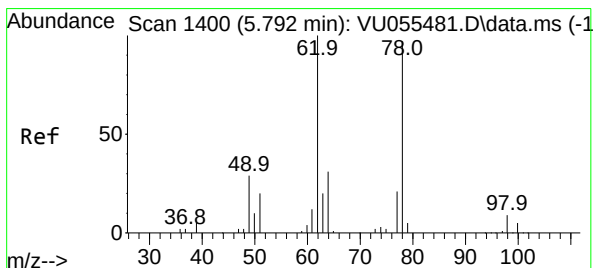
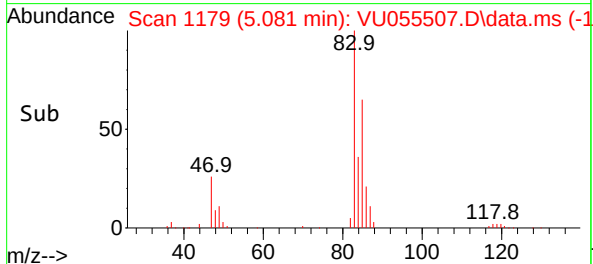
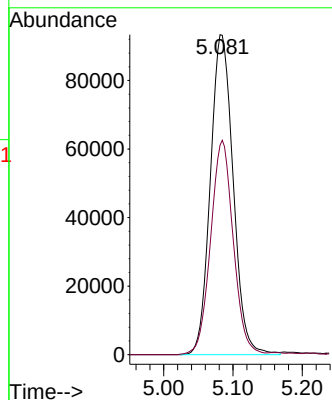
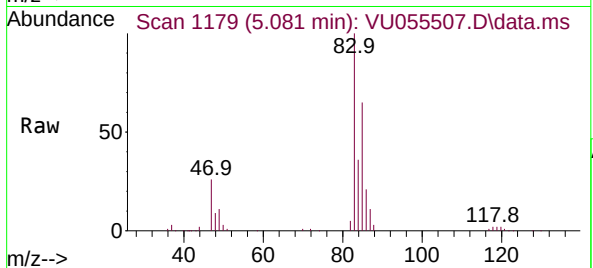
ClientSampleId :

Tgt Ion: 83 Resp: 213340

Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.982 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU055507.D

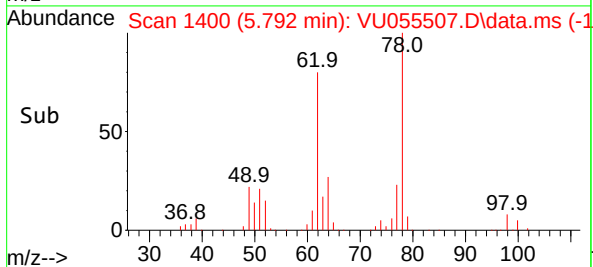
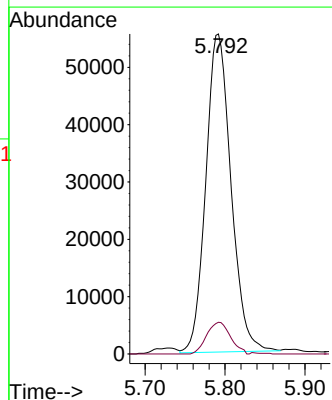
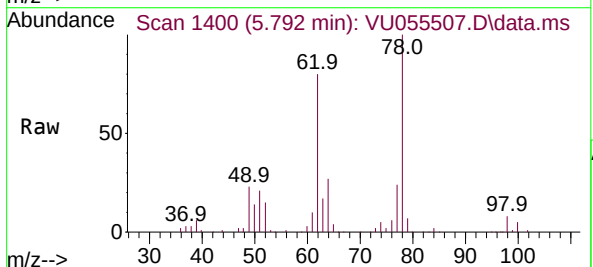
Acq: 26 Sep 2023 10:15

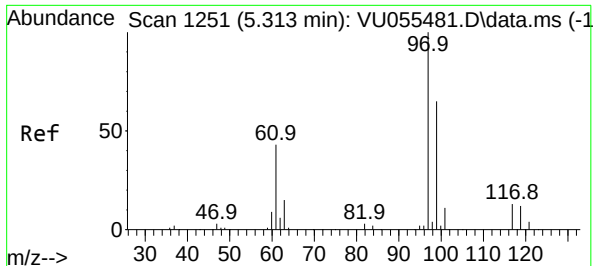
Tgt Ion: 62 Resp: 121597

Ion Ratio Lower Upper

62 100

98 9.9 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.586 ug/L

RT: 5.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

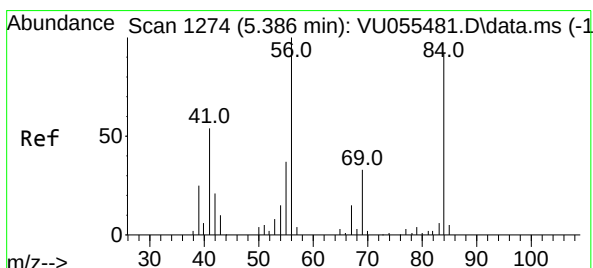
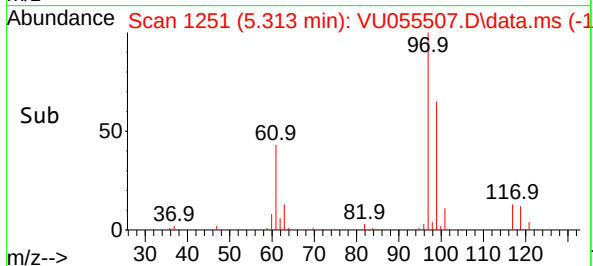
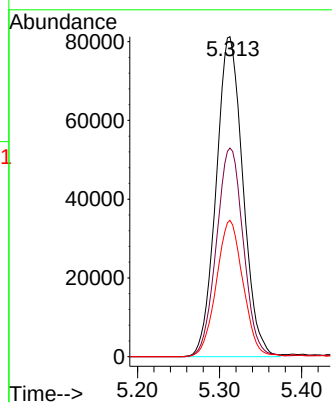
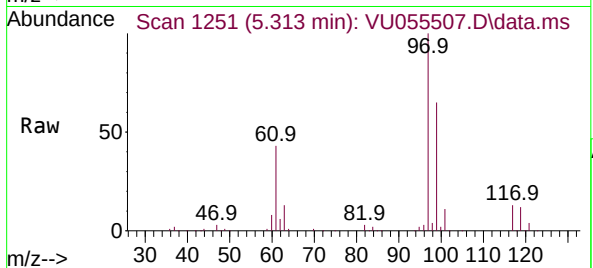
Tgt Ion: 97 Resp: 184734

Ion Ratio Lower Upper

97 100

99 65.6 50.7 76.1

61 42.5 34.6 51.8



#30

Cyclohexane

Concen: 5.722 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

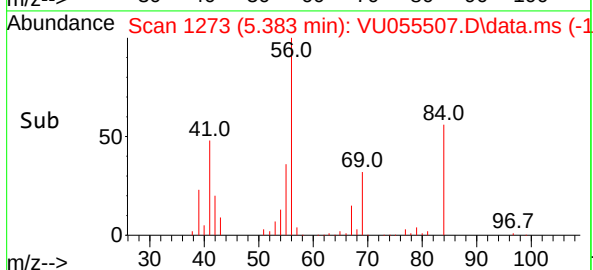
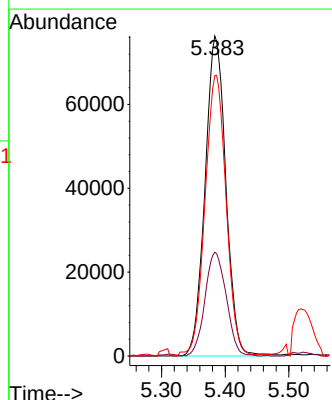
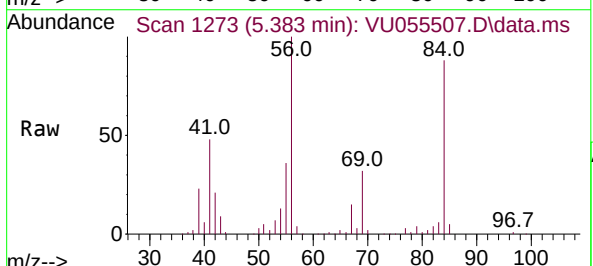
Tgt Ion: 56 Resp: 173238

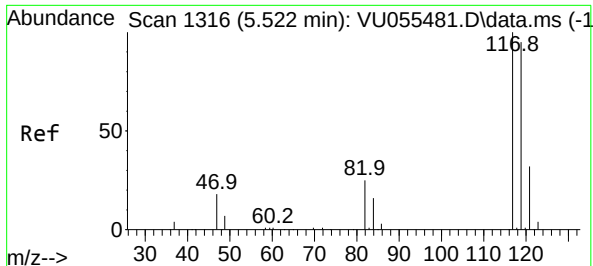
Ion Ratio Lower Upper

56 100

69 33.2 26.5 39.7

84 89.1 72.6 108.8

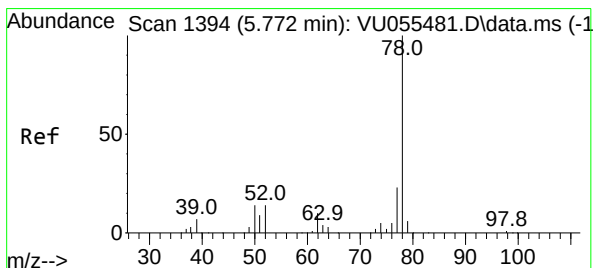
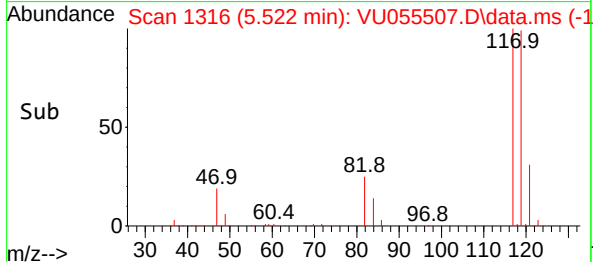
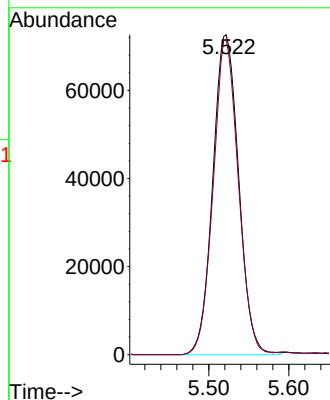
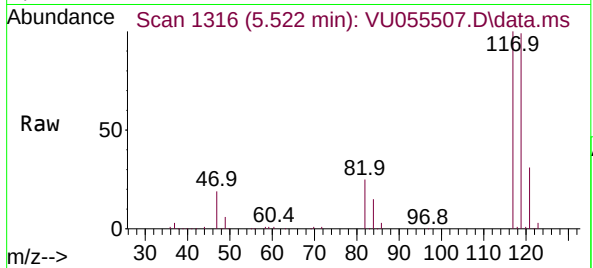




#31
Carbon tetrachloride
Concen: 5.739 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

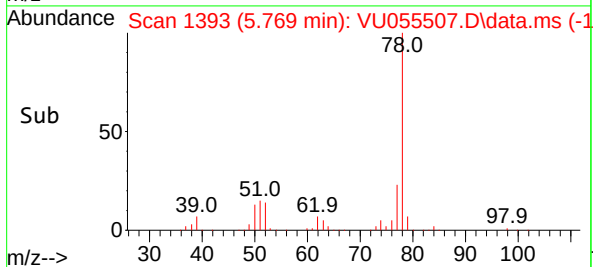
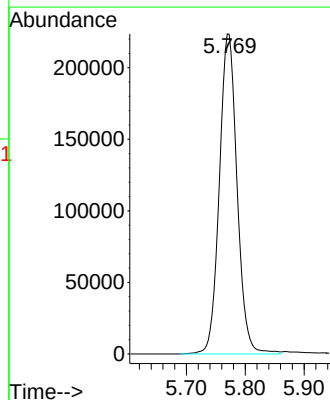
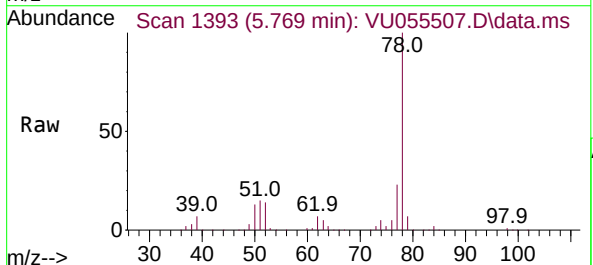
Instrument :
MSVOA_U
ClientSampleId :

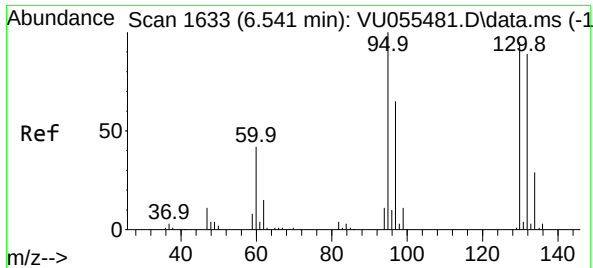
Tgt Ion:117 Resp: 162677
Ion Ratio Lower Upper
117 100
119 95.9 75.2 112.8



#33
Benzene
Concen: 5.616 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

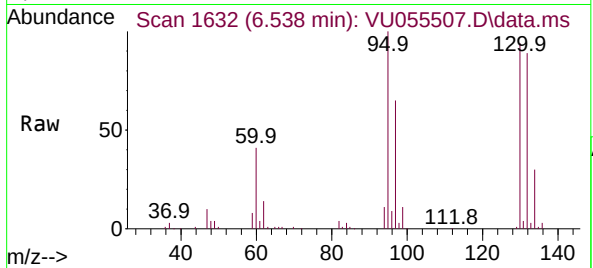
Tgt Ion: 78 Resp: 468891



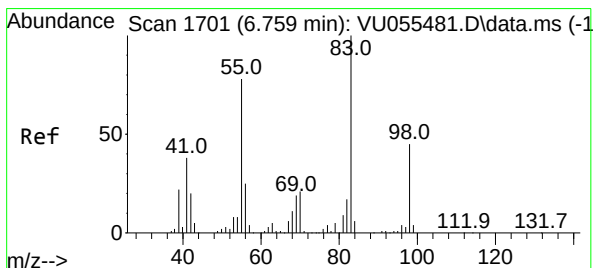
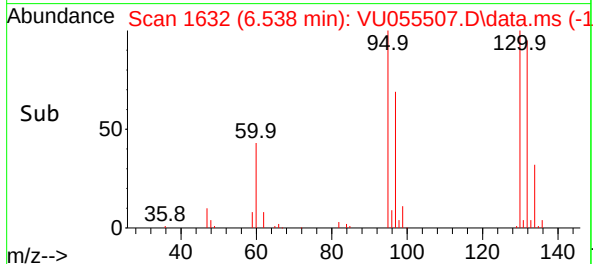
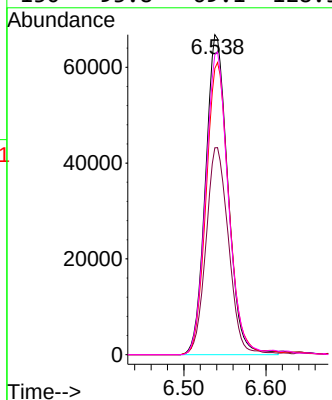


#34
Trichloroethene
Concen: 5.352 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :

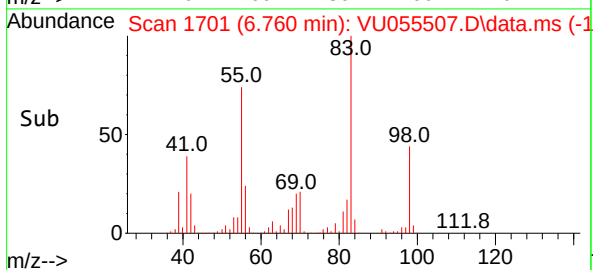
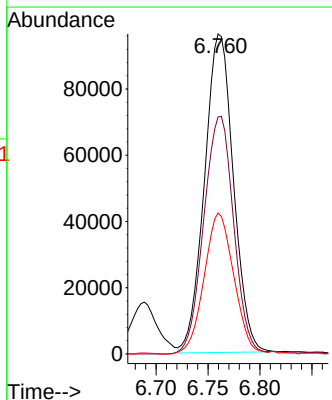
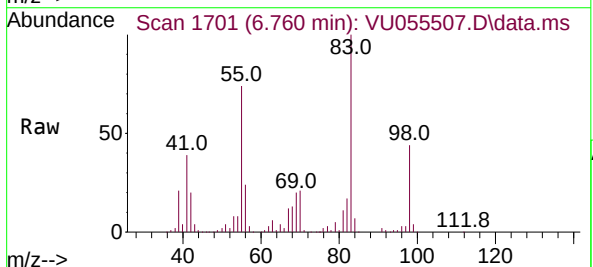


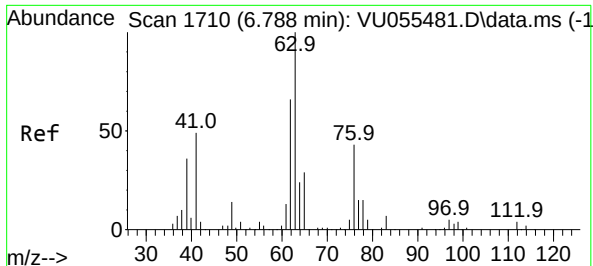
Tgt Ion: 95 Resp: 126415
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.2
132 89.4 65.2 121.2
130 93.8 69.1 128.3



#35
Methylcyclohexane
Concen: 5.480 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion: 83 Resp: 186450
Ion Ratio Lower Upper
83 100
55 77.0 59.1 88.7
98 45.3 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.445 ug/L

RT: 6.789 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

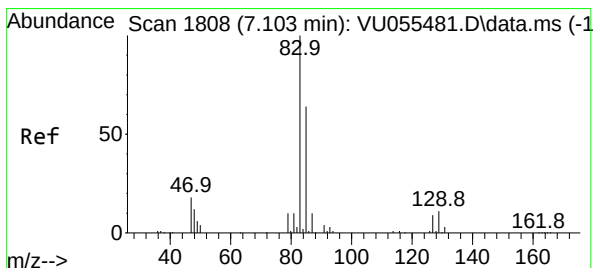
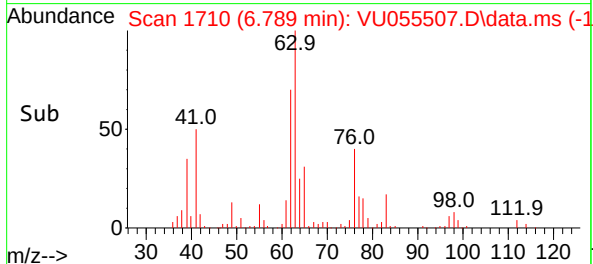
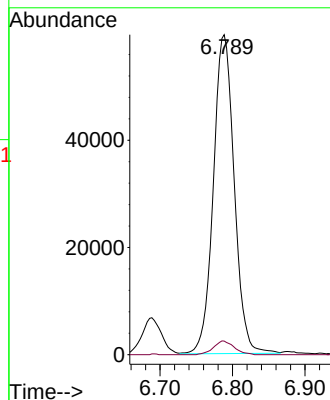
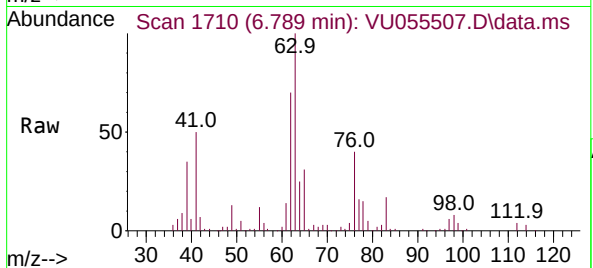
ClientSampleId :

Tgt Ion: 63 Resp: 118911

Ion Ratio Lower Upper

63 100

112 4.3 3.0 4.6



#38

Bromodichloromethane

Concen: 5.736 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

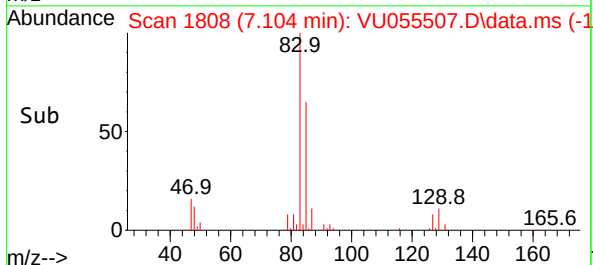
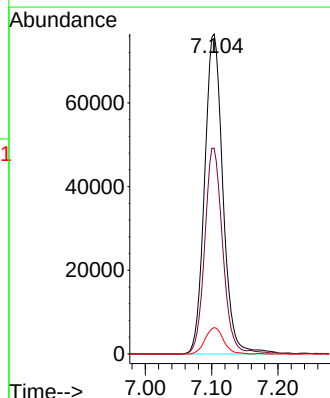
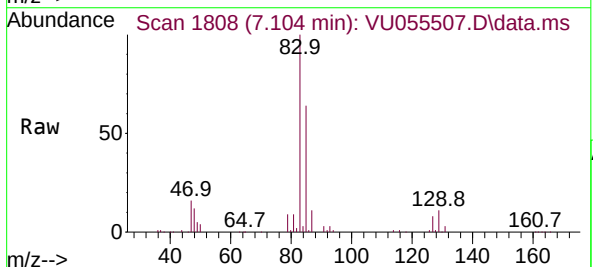
Tgt Ion: 83 Resp: 146771

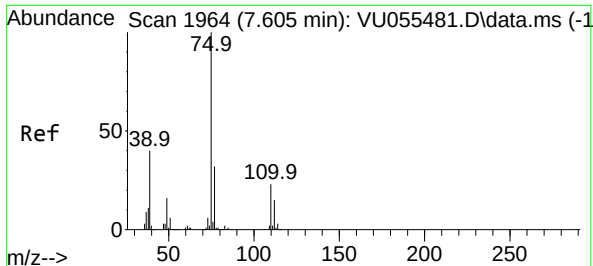
Ion Ratio Lower Upper

83 100

85 64.3 46.8 86.8

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.745 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

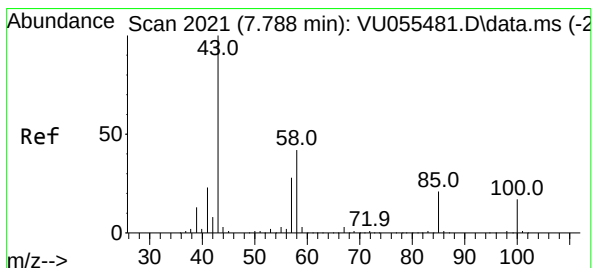
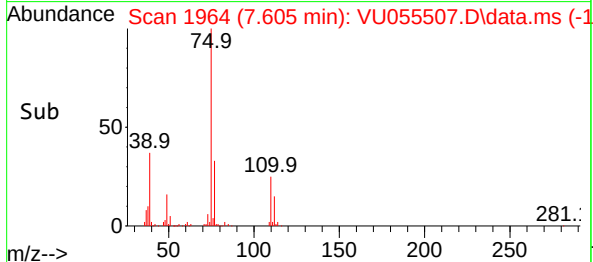
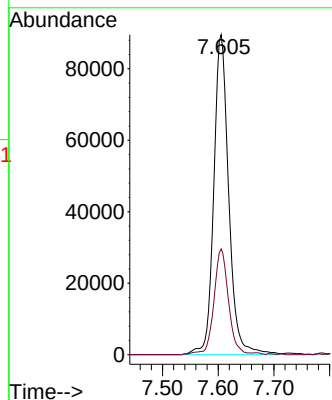
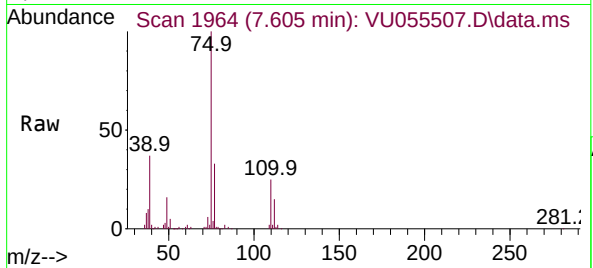
ClientSampleId :

Tgt Ion: 75 Resp: 167443

Ion Ratio Lower Upper

75 100

77 33.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.717 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

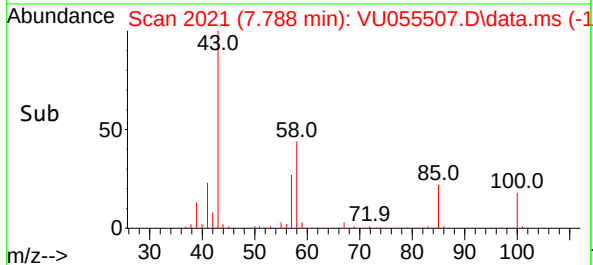
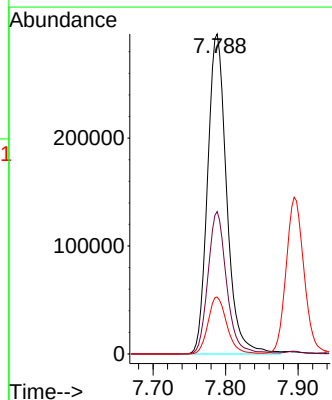
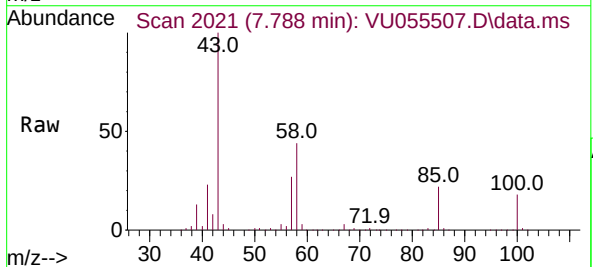
Tgt Ion: 43 Resp: 541997

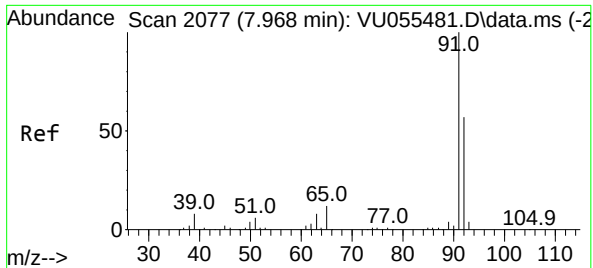
Ion Ratio Lower Upper

43 100

58 43.6 34.2 51.4

100 17.6 13.4 20.0





#42

Toluene

Concen: 5.608 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

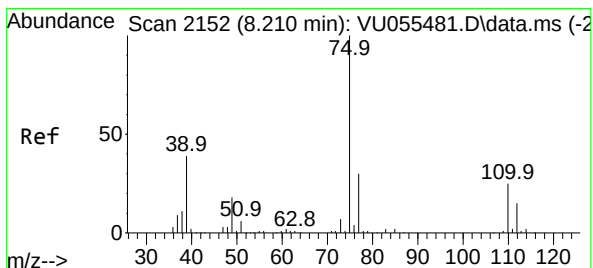
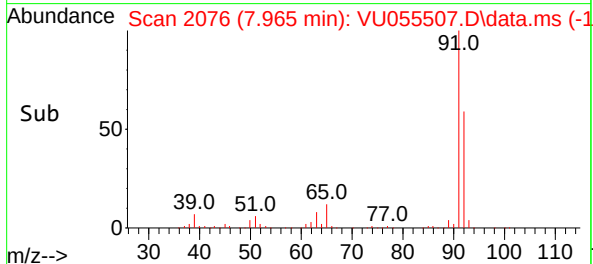
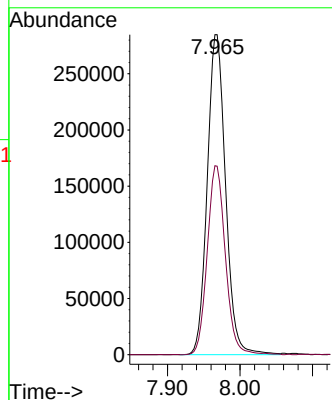
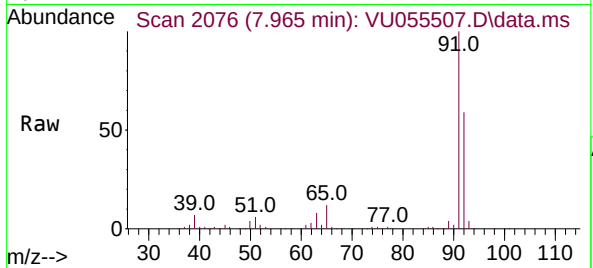
ClientSampleId :

Tgt Ion: 91 Resp: 499501

Ion Ratio Lower Upper

91 100

92 59.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.825 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU055507.D

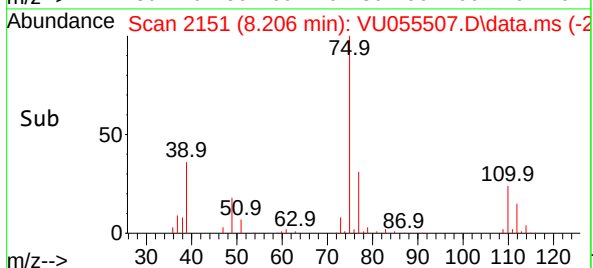
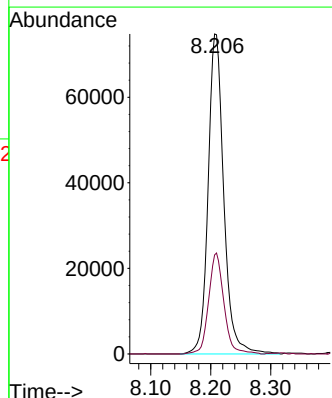
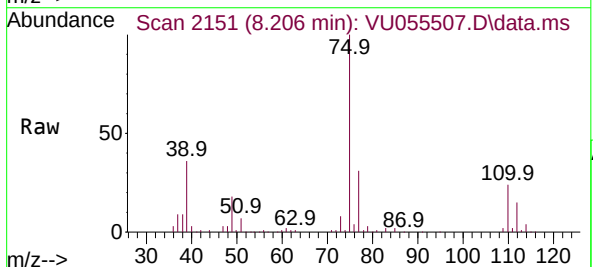
Acq: 26 Sep 2023 10:15

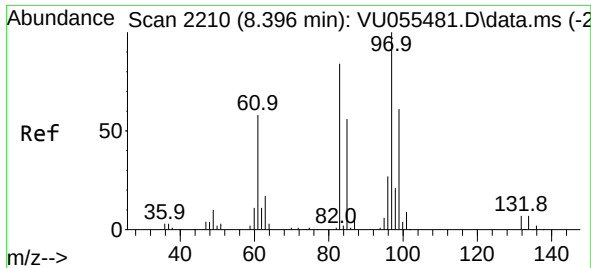
Tgt Ion: 75 Resp: 135821

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

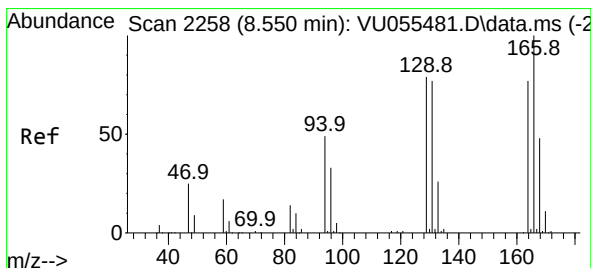
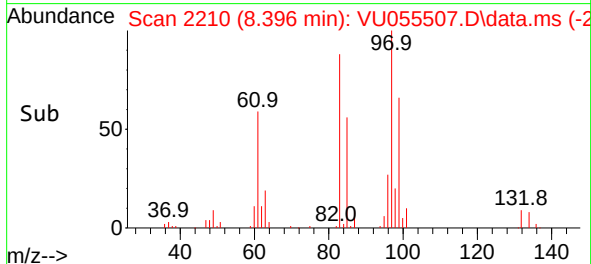
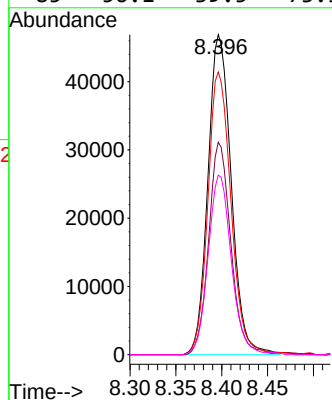
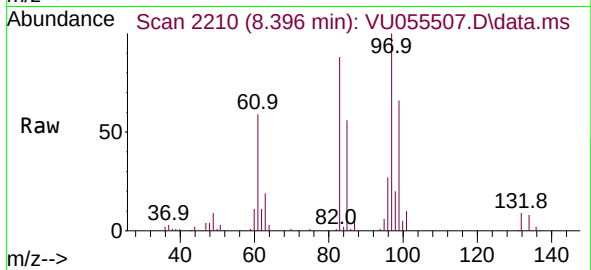




#45
1,1,2-Trichloroethane
Concen: 5.421 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

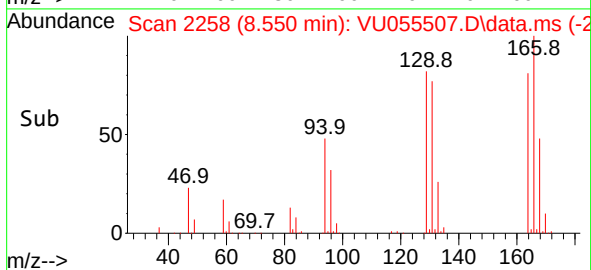
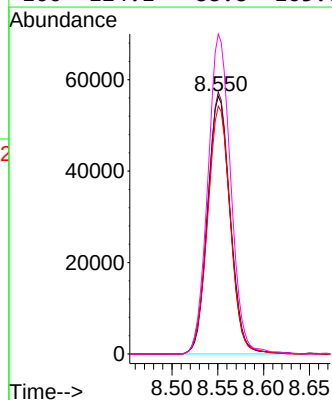
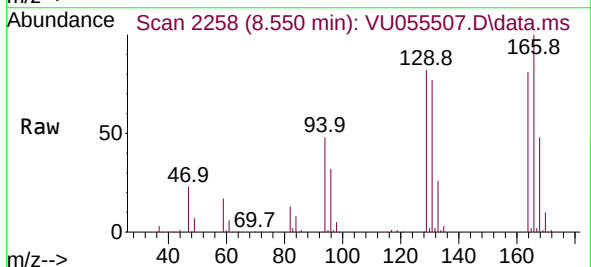
Instrument :
MSVOA_U
ClientSampleId :

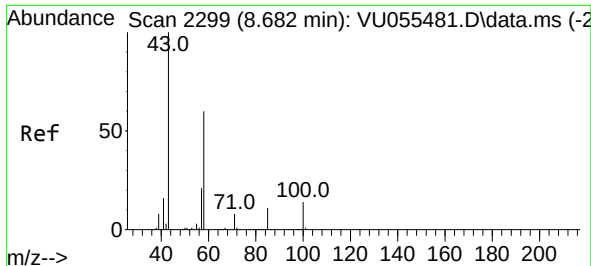
Tgt Ion:	97	Resp:	82997
Ion	Ratio	Lower	Upper
97	100		
99	66.4	44.1	81.9
83	88.3	61.5	114.1
85	56.1	39.5	73.3



#47
Tetrachloroethene
Concen: 5.685 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion:	164	Resp:	96322
Ion	Ratio	Lower	Upper
164	100		
129	101.6	67.4	125.2
131	96.1	66.4	123.2
166	124.1	88.8	165.0



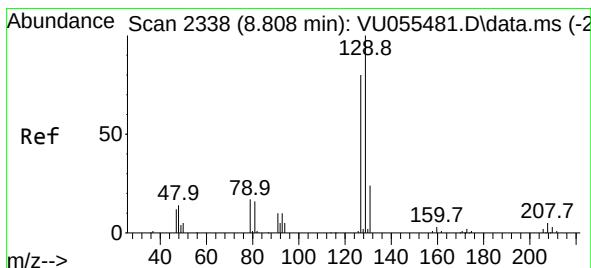
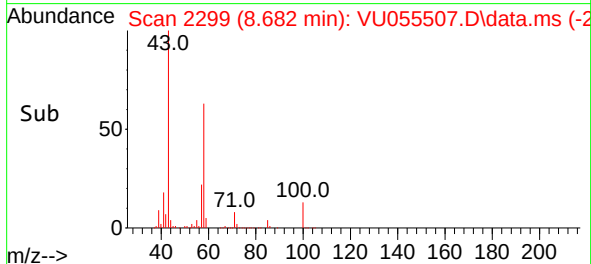
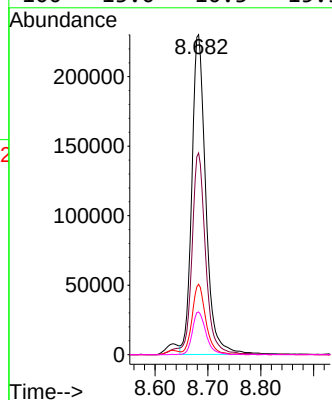
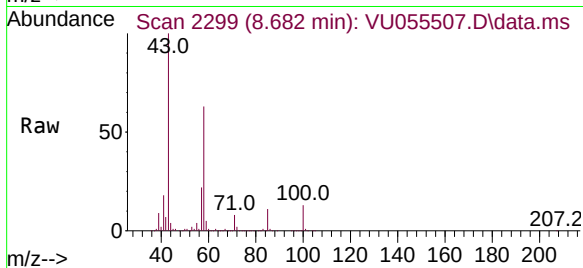


#48
2-Hexanone
Concen: 55.040 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 422536

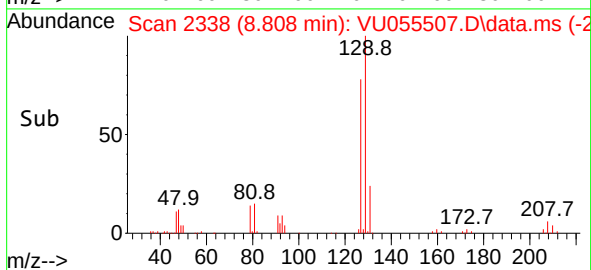
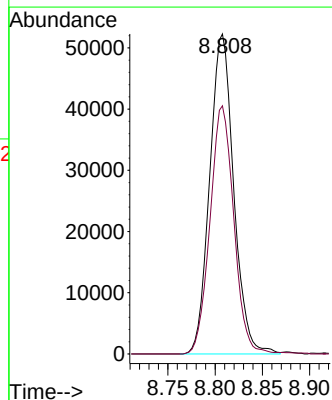
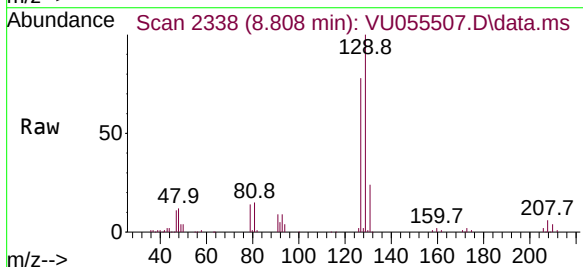
Ion	Ratio	Lower	Upper
43	100		
58	62.4	48.5	72.7
57	21.3	17.0	25.4
100	13.0	10.3	15.5

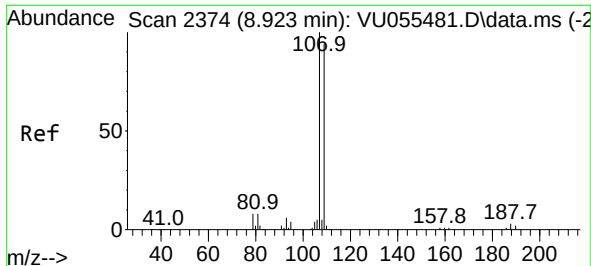


#49
Dibromochloromethane
Concen: 5.750 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion: 129 Resp: 92286

Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.8	105.6





#50

1,2-Dibromoethane

Concen: 5.409 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055507.D

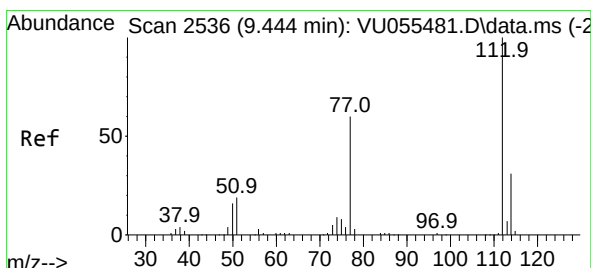
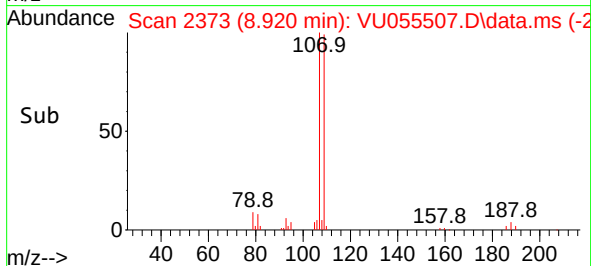
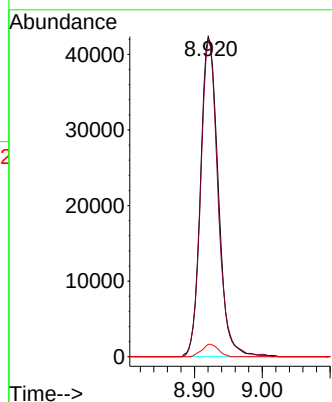
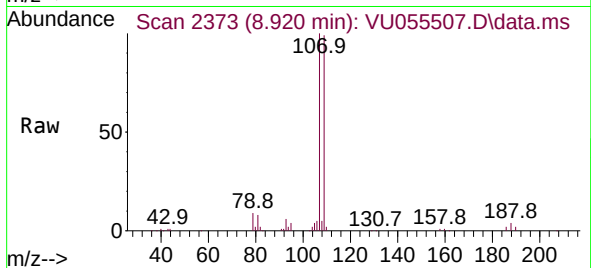
Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	76853
Ion	Ratio	Lower	Upper
107	100		
109	98.9	66.1	122.8
188	3.9	3.2	4.8



#51

Chlorobenzene

Concen: 5.348 ug/L

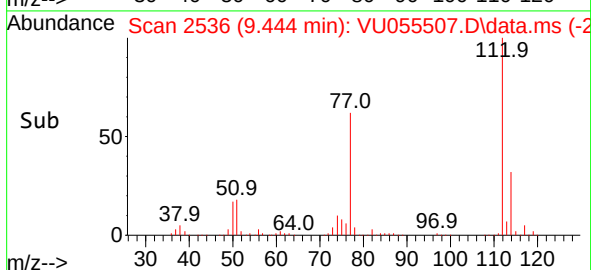
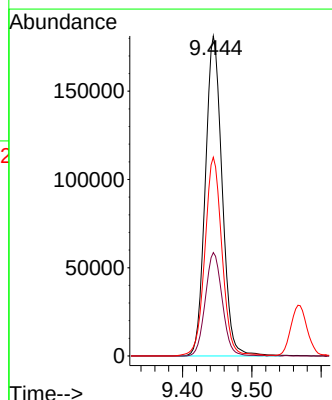
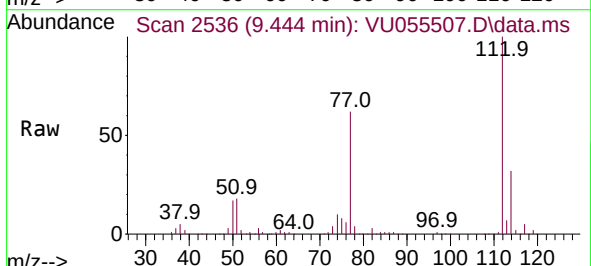
RT: 9.444 min Scan# 2536

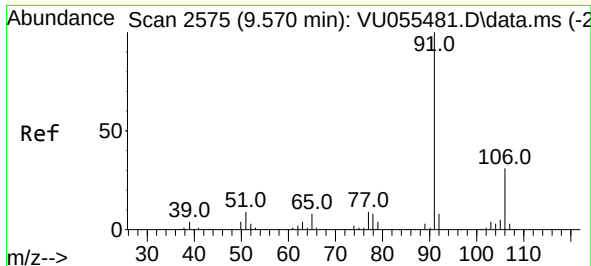
Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Tgt Ion:	112	Resp:	305093
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	62.1	46.9	70.3

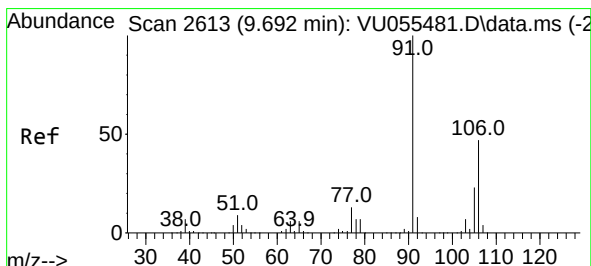
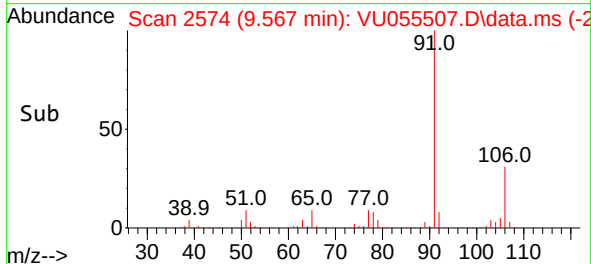
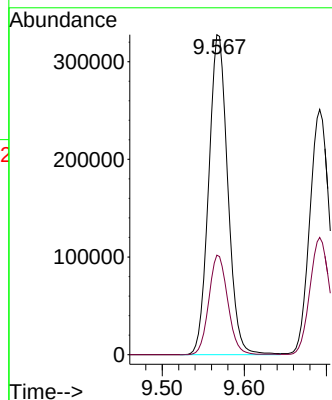
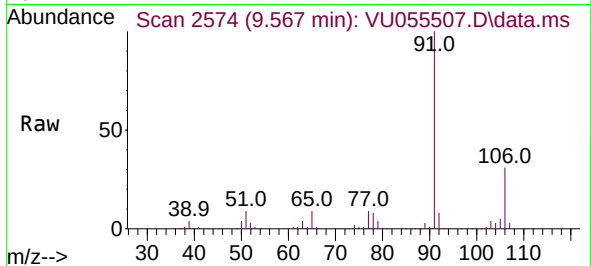




#52
Ethylbenzene
Concen: 5.533 ug/L
RT: 9.567 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

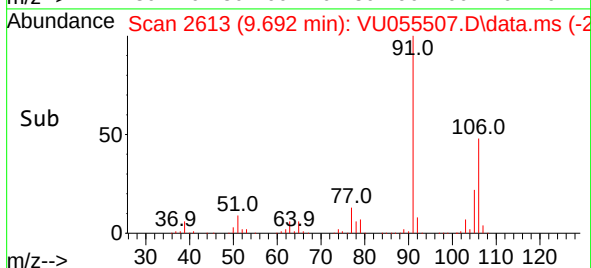
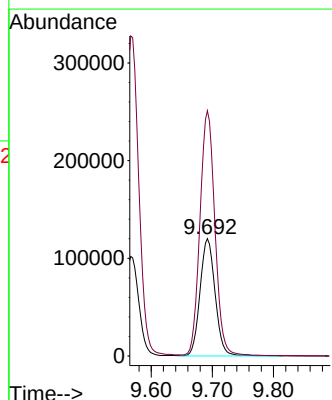
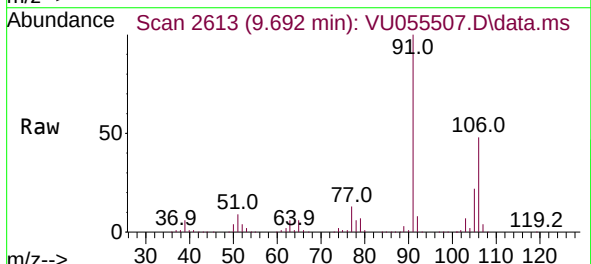
Instrument :
MSVOA_U
ClientSampleId :

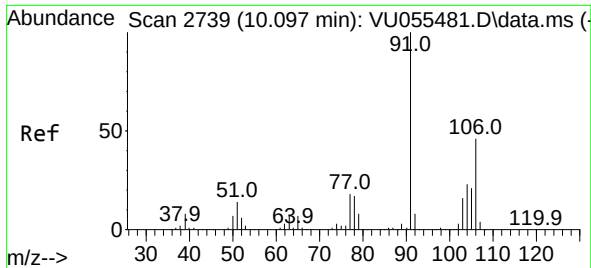
Tgt Ion: 91 Resp: 528288
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 5.759 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion: 106 Resp: 206065
Ion Ratio Lower Upper
106 100
91 209.1 144.8 269.0

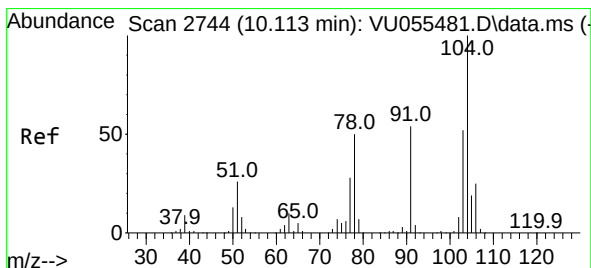
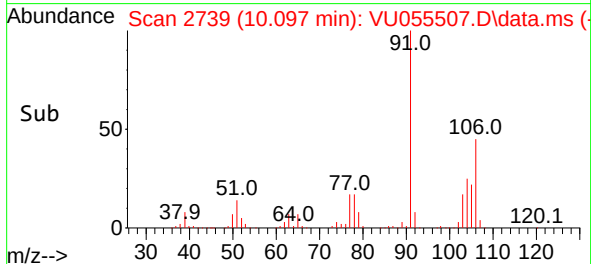
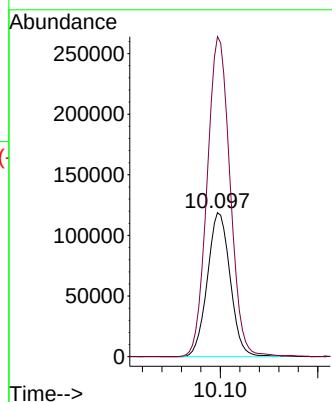
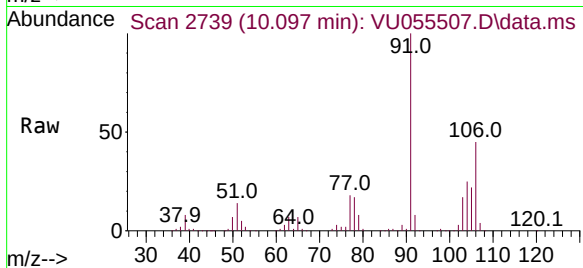




#54
o-Xylene
Concen: 5.547 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

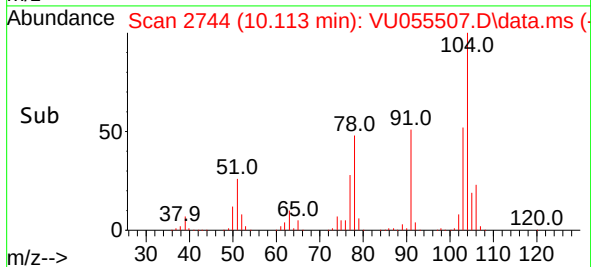
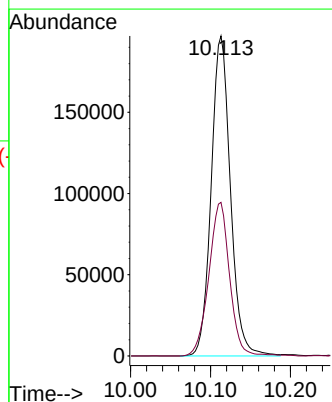
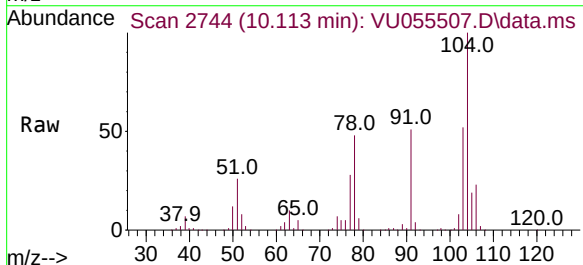
Instrument :
MSVOA_U
ClientSampleId :

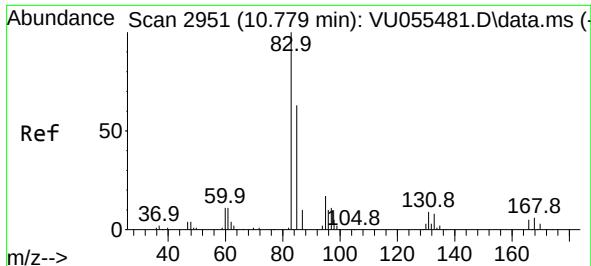
Tgt Ion:106 Resp: 192954
Ion Ratio Lower Upper
106 100
91 222.2 157.6 292.8



#55
Styrene
Concen: 5.858 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion:104 Resp: 329531
Ion Ratio Lower Upper
104 100
78 48.0 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.440 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU055507.D

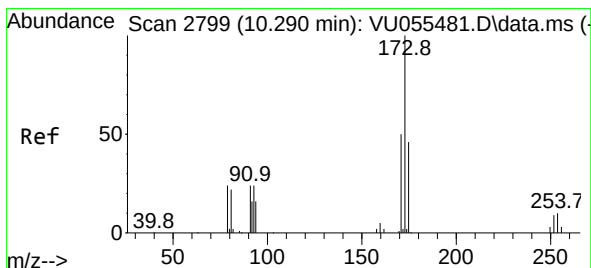
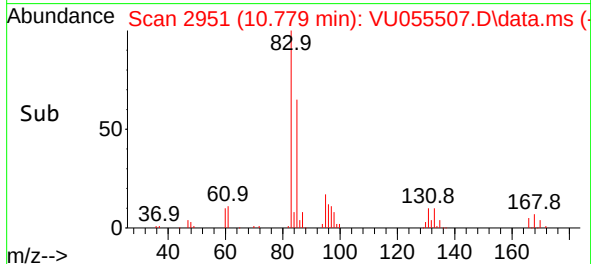
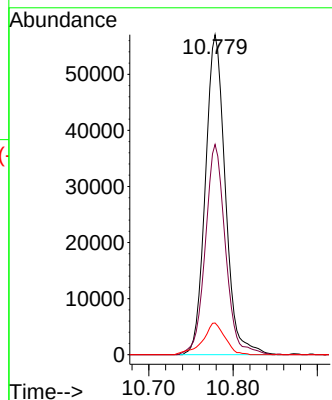
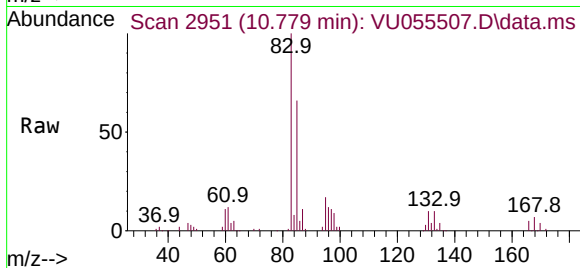
Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	94026
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.4	82.5
131	9.9	7.4	11.2



#59

Bromoform

Concen: 5.788 ug/L

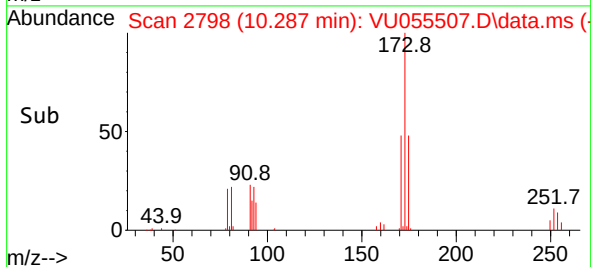
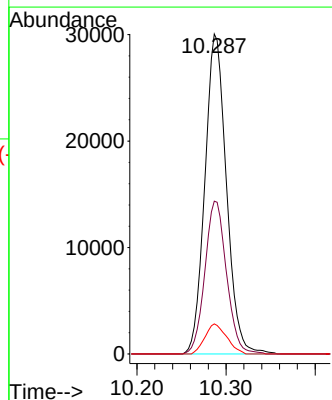
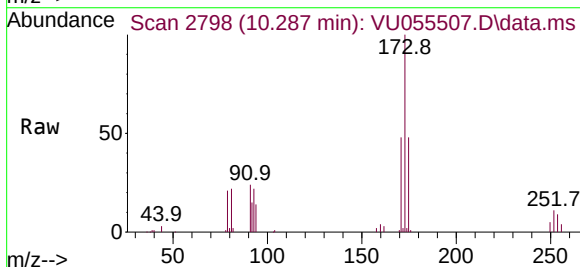
RT: 10.287 min Scan# 2798

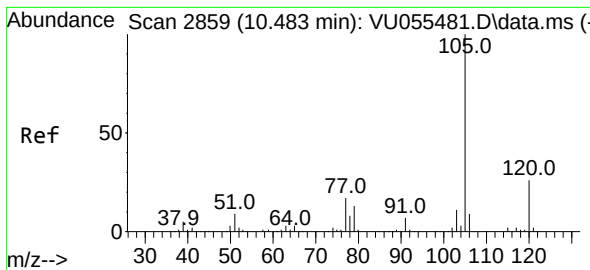
Delta R.T. -0.003 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Tgt Ion:	173	Resp:	50433
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.4	59.2
254	9.5	7.3	10.9





#60

Isopropylbenzene

Concen: 5.699 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU055507.D

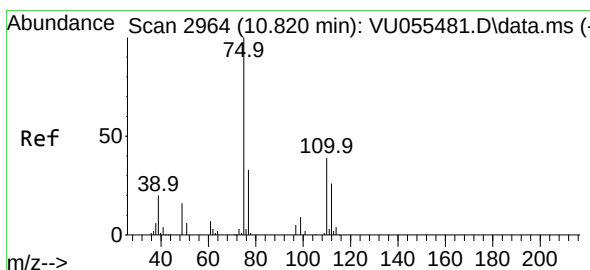
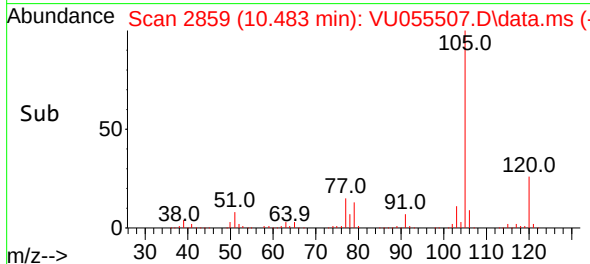
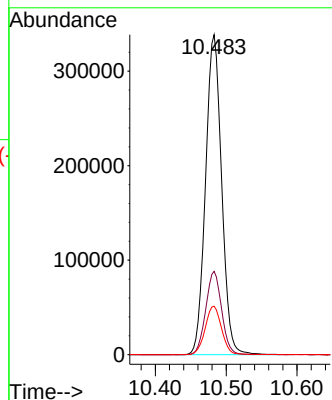
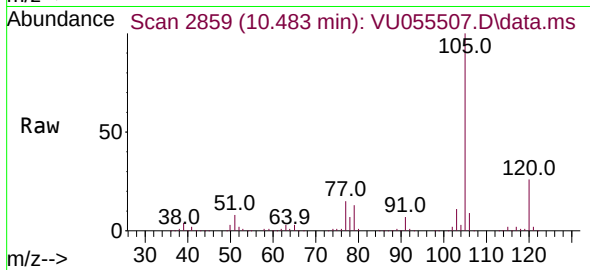
Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	533920
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.8	31.2
77	15.5	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 5.363 ug/L

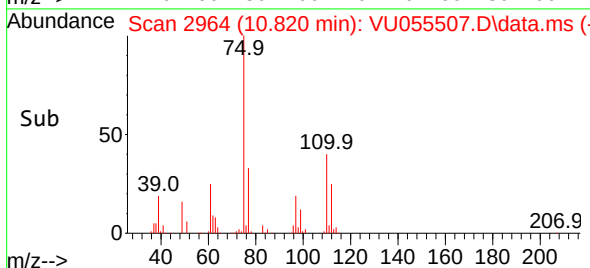
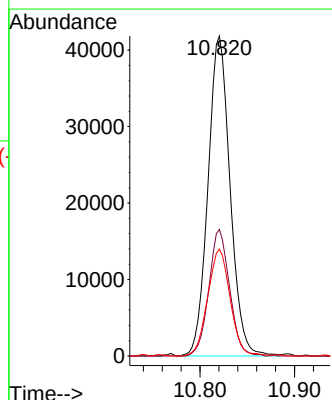
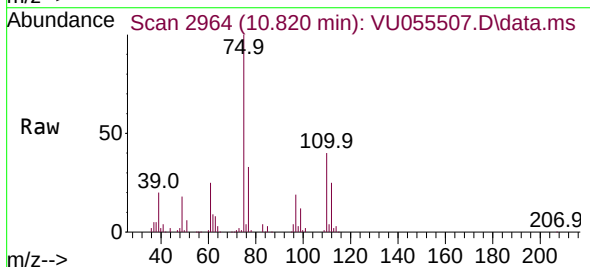
RT: 10.820 min Scan# 2964

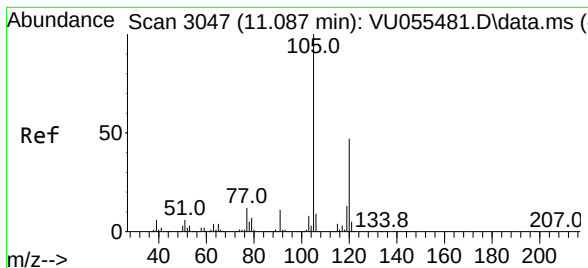
Delta R.T. 0.000 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Tgt Ion:	75	Resp:	68055
Ion Ratio	Lower	Upper	
75	100		
110	37.0	30.6	45.8
77	33.8	26.7	40.1





#62

1,3,5-Trimethylbenzene

Concen: 5.724 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU055507.D

Acq: 26 Sep 2023 10:15

Instrument :

MSVOA_U

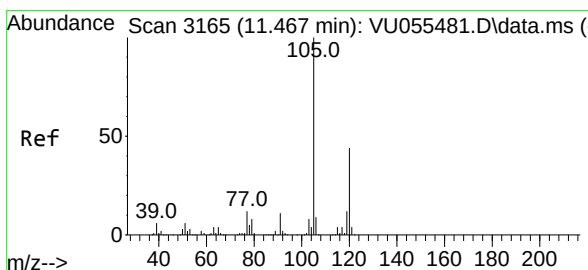
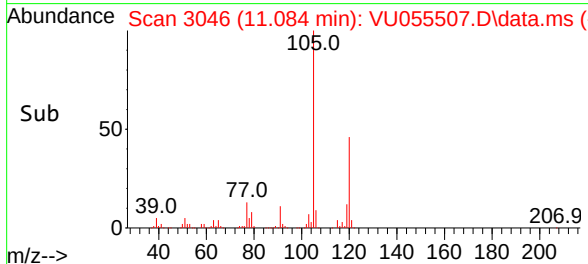
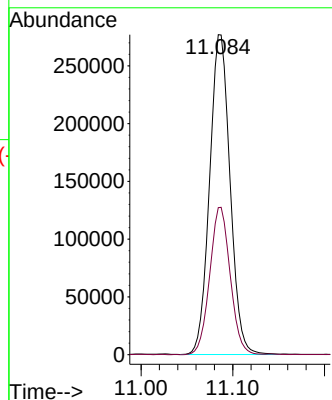
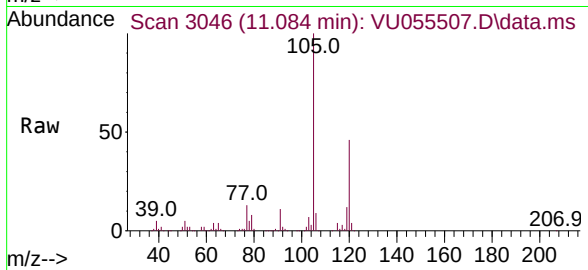
ClientSampleId :

Tgt Ion:105 Resp: 428862

Ion Ratio Lower Upper

105 100

120 46.1 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 5.673 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VU055507.D

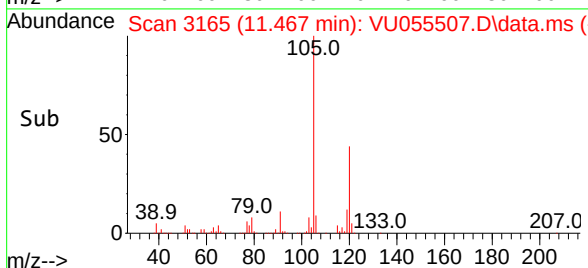
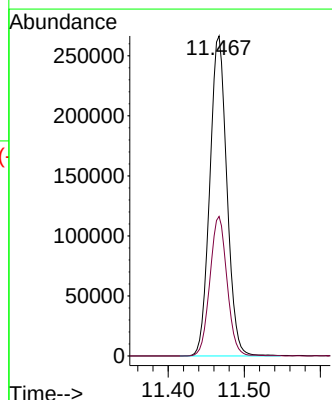
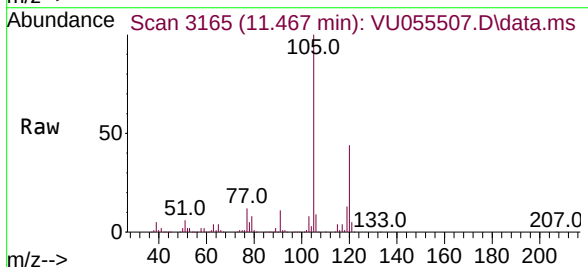
Acq: 26 Sep 2023 10:15

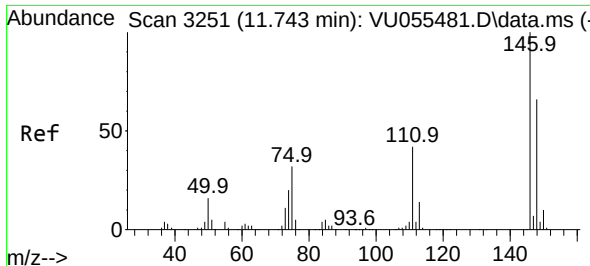
Tgt Ion:105 Resp: 416069

Ion Ratio Lower Upper

105 100

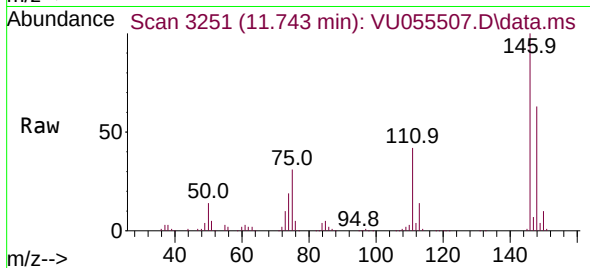
120 43.7 34.9 52.3



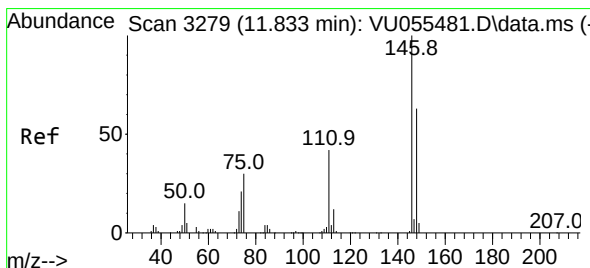
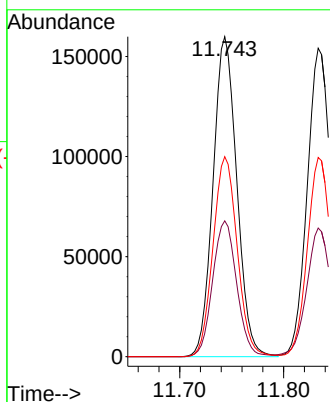
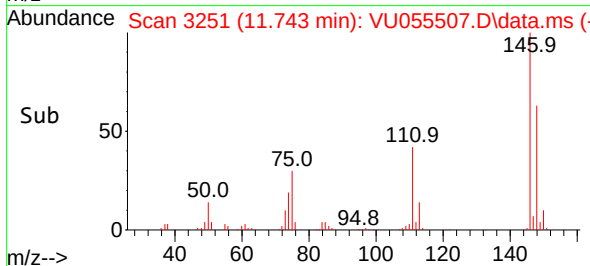


#64
1,3-Dichlorobenzene
Concen: 5.657 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

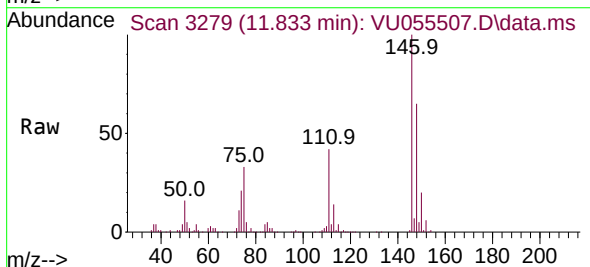
Instrument :
MSVOA_U
ClientSampleId :



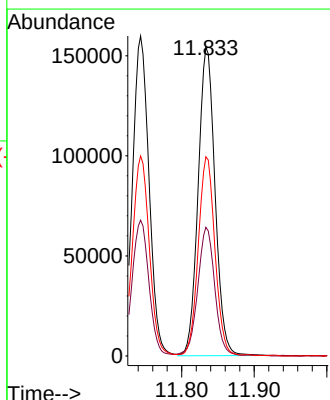
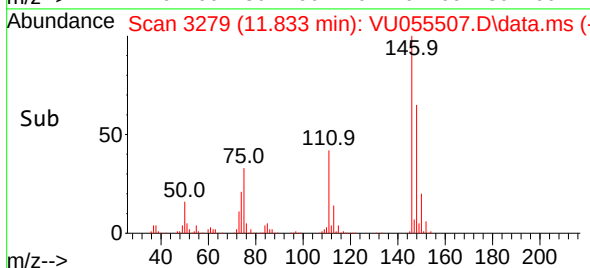
Tgt Ion:146 Resp: 253770
Ion Ratio Lower Upper
146 100
111 42.4 28.8 53.6
148 62.5 44.6 82.8

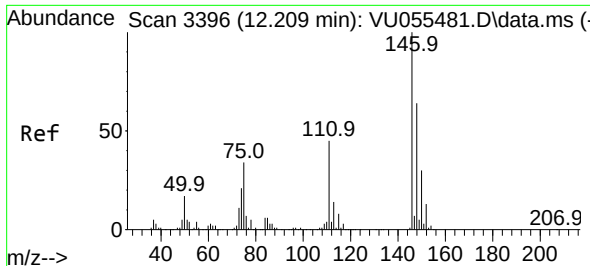


#65
1,4-Dichlorobenzene
Concen: 5.576 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15



Tgt Ion:146 Resp: 249977
Ion Ratio Lower Upper
146 100
111 41.7 29.0 53.8
148 64.6 45.4 84.4

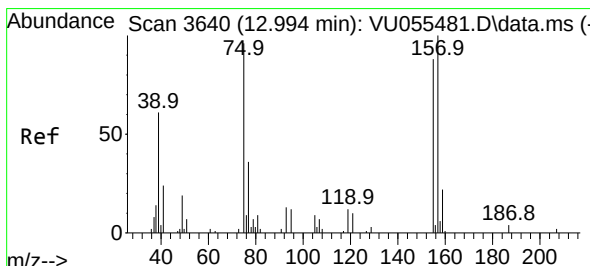
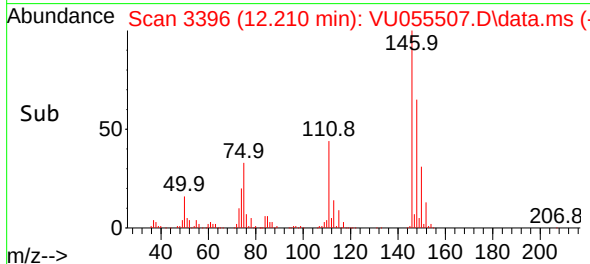
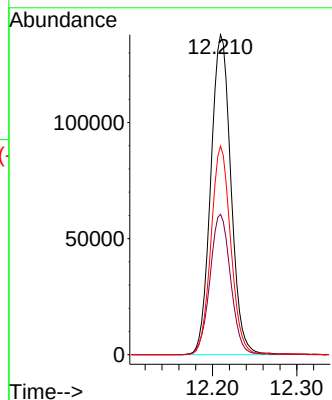
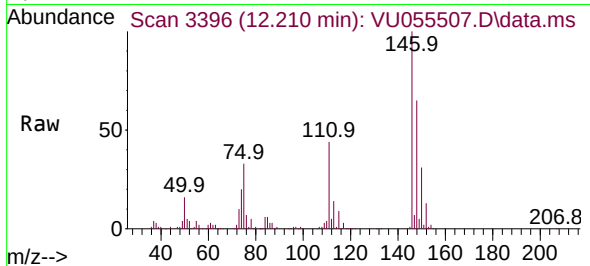




#67
1,2-Dichlorobenzene
Concen: 5.576 ug/L
RT: 12.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

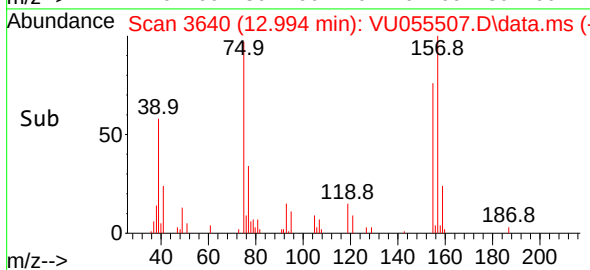
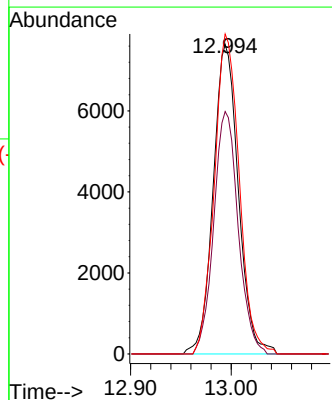
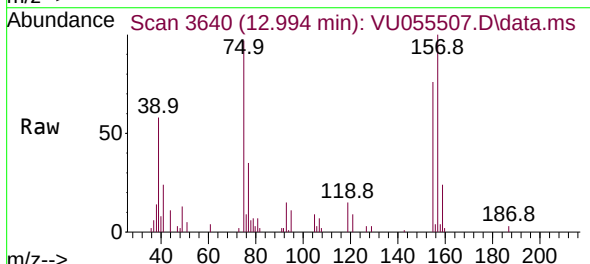
Instrument :
MSVOA_U
ClientSampleId :

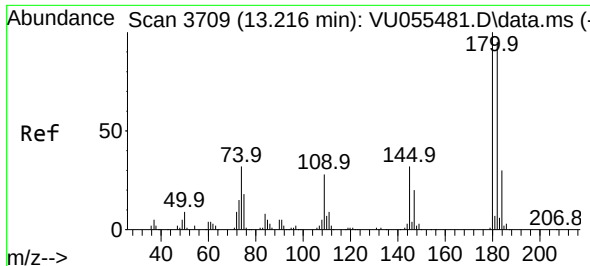
Tgt Ion:146 Resp: 229307
Ion Ratio Lower Upper
146 100
111 43.9 34.6 52.0
148 65.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 6.037 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

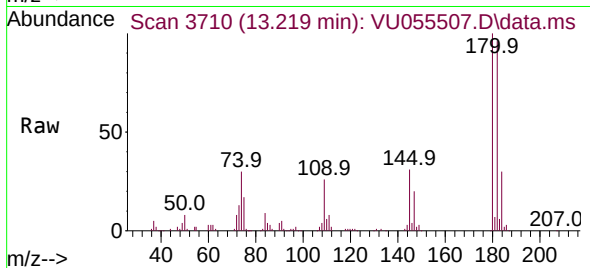
Tgt Ion: 75 Resp: 13279
Ion Ratio Lower Upper
75 100
155 78.4 69.2 103.8
157 103.5 81.9 122.9



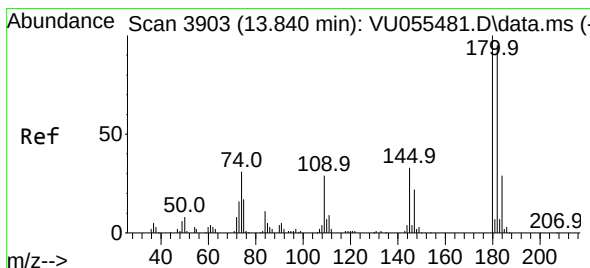
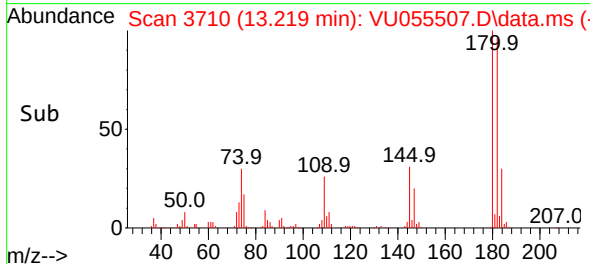
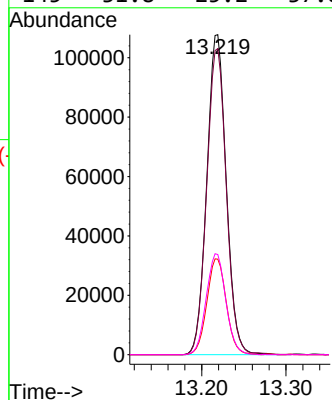


#69
 1,3,5-Trichlorobenzene
 Concen: 5.607 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Instrument :
 MSVOA_U
 ClientSampleId :

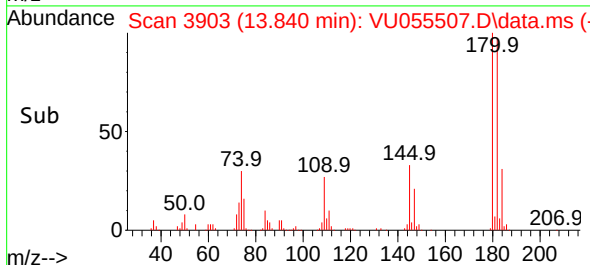
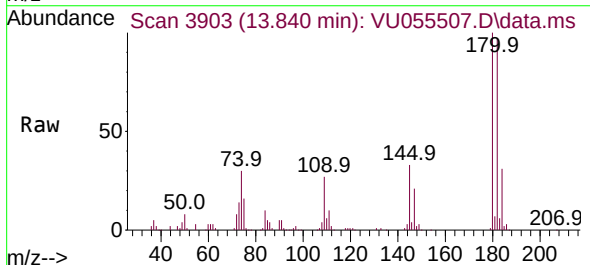
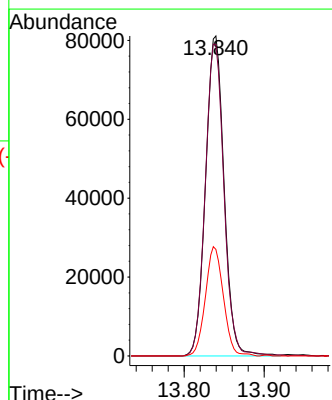


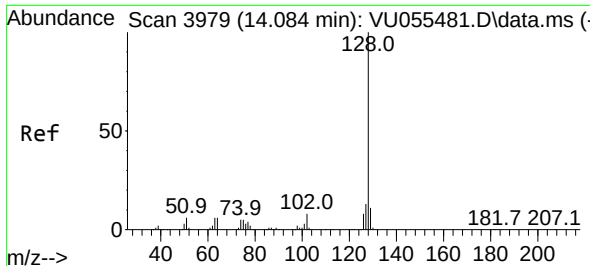
Tgt Ion:180 Resp: 173195
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 184 30.0 24.0 36.0
 145 31.8 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.557 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055507.D
 Acq: 26 Sep 2023 10:15

Tgt Ion:180 Resp: 130882
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.4 114.6
 145 33.2 25.4 38.0

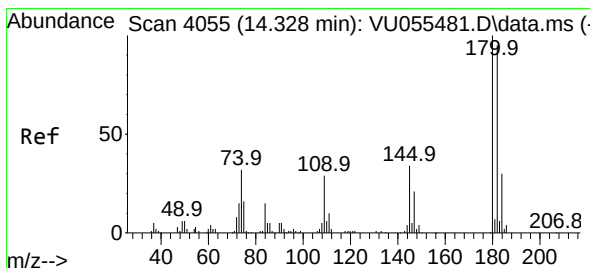
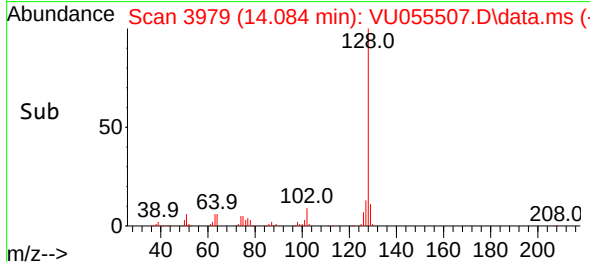
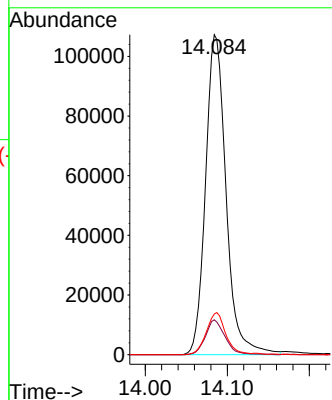
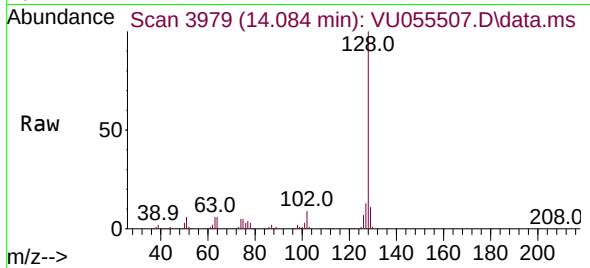




#71
Naphthalene
Concen: 5.468 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 186429
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.656 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055507.D
Acq: 26 Sep 2023 10:15

Tgt Ion:180 Resp: 115907
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.4
145 34.3 26.0 39.0

