

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055593.D
 Acq On : 28 Sep 2023 21:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:16:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	109298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75069	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.914	69	69416	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.566	65	29573	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.637	46	146998	44.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.400%
24) Chloroform-d	5.062	84	151782	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.701	65	70758	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.727	84	282442	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	86014	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	258741	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	30665	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	93052	44.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70912	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	94534	4.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63222	3.605	ug/L	98
3) Chloromethane	1.518	50	78684	5.100	ug/L	98
5) Vinyl chloride	1.602	62	88093	5.293	ug/L	94
6) Bromomethane	1.859	94	52606	4.976	ug/L	99
8) Chloroethane	1.933	64	59669	5.494	ug/L	98
9) Trichlorofluoromethane	2.139	101	130299	5.645	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	67348	4.795	ug/L	99
12) 1,1-Dichloroethene	2.579	96	58701	4.661	ug/L	92
13) Acetone	2.644	43	81701	43.586	ug/L	99
14) Carbon disulfide	2.792	76	182892	4.831	ug/L	97
15) Methyl Acetate	2.956	43	20447	4.784	ug/L	91
16) Methylene chloride	3.046	84	75646	5.013	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	133697	4.894	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	63337	4.989	ug/L	97
19) 1,1-Dichloroethane	3.865	63	121374	5.170	ug/L	98
21) 2-Butanone	4.711	43	128667	46.801	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	71524	4.860	ug/L	96
23) Bromochloromethane	4.975	128	32194	5.175	ug/L	97
25) Chloroform	5.087	83	134664	5.417	ug/L	98

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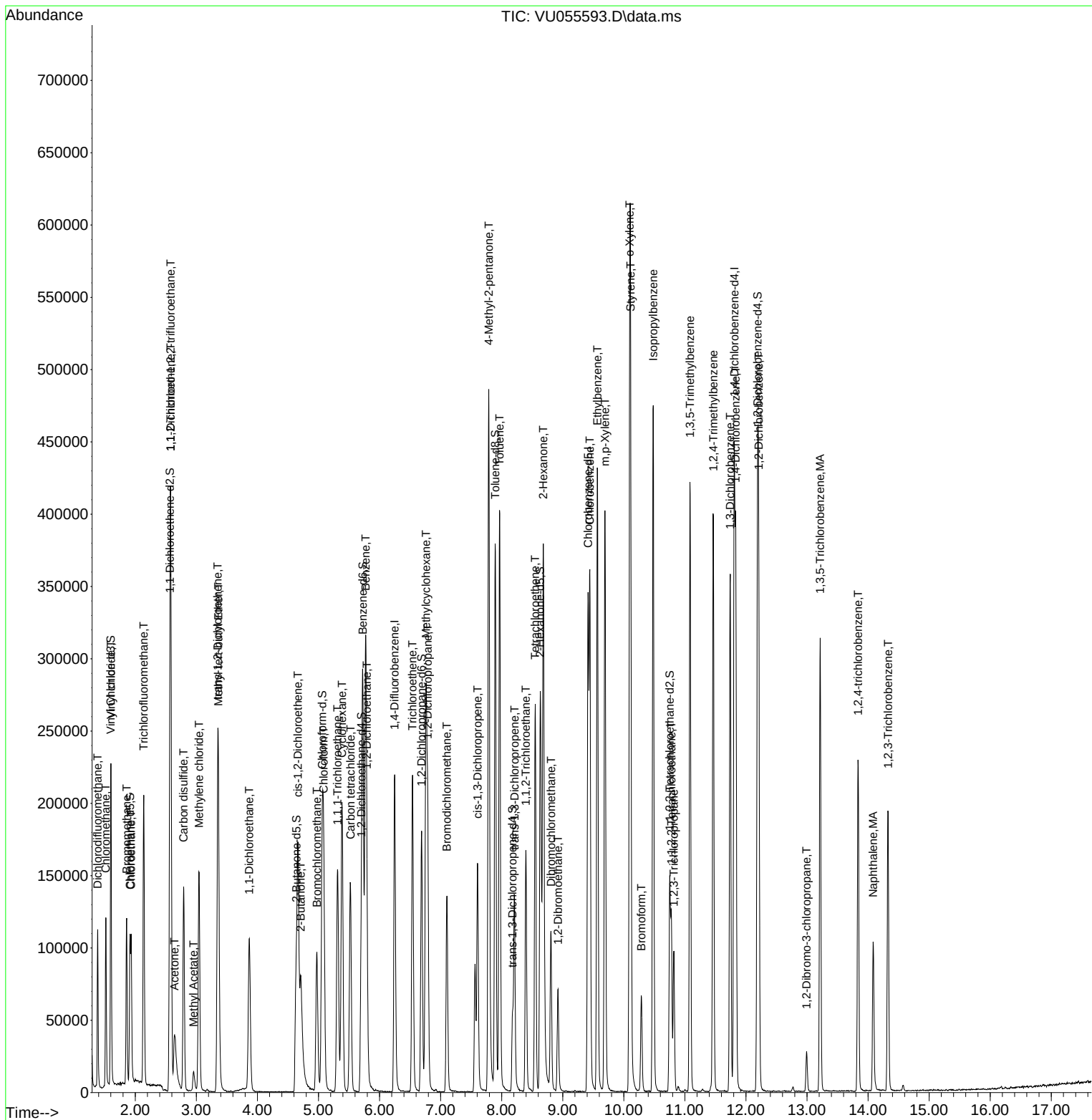
Instrument :
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 ClientSampleId :

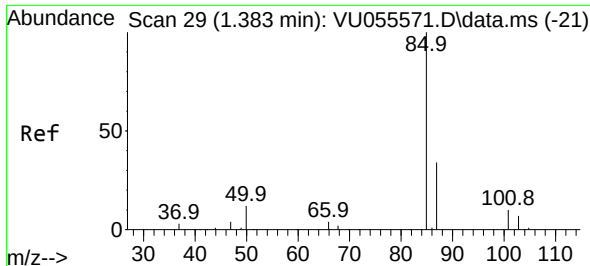
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	78509	5.150	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	115037	5.356	ug/L	99
30) Cyclohexane	5.386	56	90735	4.615	ug/L	99
31) Carbon tetrachloride	5.525	117	99778	5.420	ug/L	99
33) Benzene	5.772	78	281602	5.193	ug/L	100
34) Trichloroethene	6.541	95	75755	4.939	ug/L	99
35) Methylcyclohexane	6.762	83	103212	4.671	ug/L	100
37) 1,2-Dichloropropane	6.788	63	73714	5.198	ug/L	99
38) Bromodichloromethane	7.103	83	90009	5.416	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	100045	5.286	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	314762	48.930	ug/L	100
42) Toluene	7.965	91	300960	5.203	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	78770	5.202	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	52315	5.261	ug/L	98
47) Tetrachloroethene	8.550	164	57908	5.263	ug/L	98
48) 2-Hexanone	8.682	43	245465	49.235	ug/L	99
49) Dibromochloromethane	8.807	129	56818	5.451	ug/L	99
50) 1,2-Dibromoethane	8.923	107	48584	5.265	ug/L	99
51) Chlorobenzene	9.444	112	191156	5.160	ug/L	98
52) Ethylbenzene	9.569	91	310390	5.006	ug/L	100
53) m,p-Xylene	9.692	106	116397	5.009	ug/L	97
54) o-Xylene	10.097	106	112996	5.002	ug/L	98
55) Styrene	10.113	104	191951	5.255	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	58364	5.199	ug/L	99
59) Bromoform	10.286	173	30661	5.234	ug/L	95
60) Isopropylbenzene	10.483	105	306112	4.860	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40283	4.721	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	233674	4.639	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	227378	4.611	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	146923	4.872	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	145041	4.812	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	133997	4.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7650	5.173	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	96169	4.630	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	68384	4.319	ug/L	99
71) Naphthalene	14.084	128	90423	3.945	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	60219	4.371	ug/L	99

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

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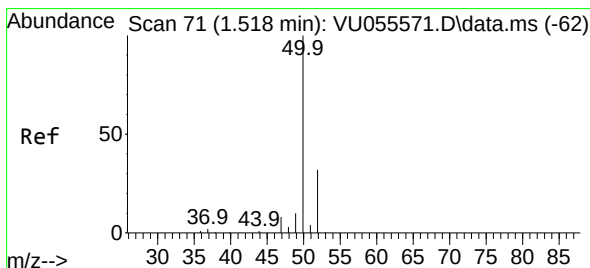
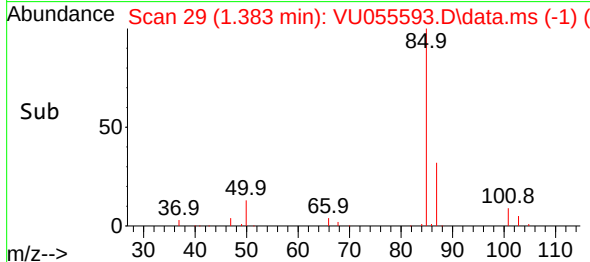
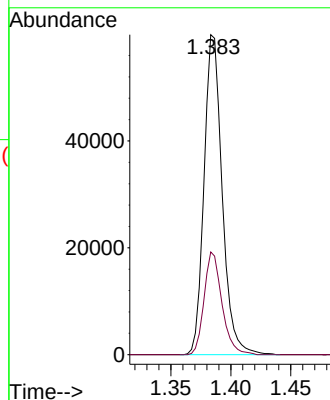
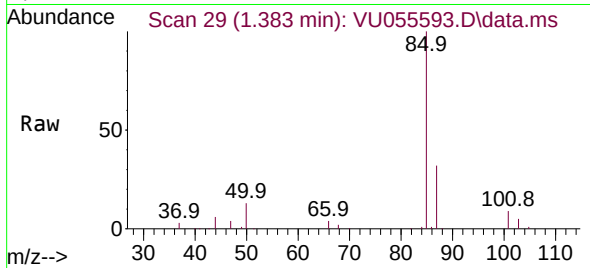




#2
 Dichlorodifluoromethane
 Concen: 3.605 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

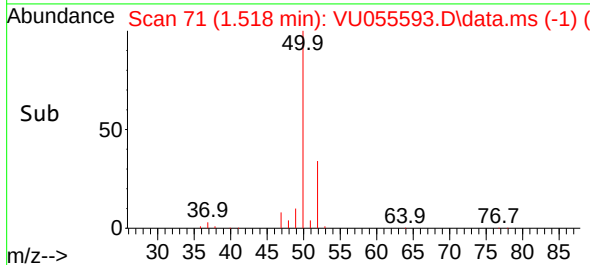
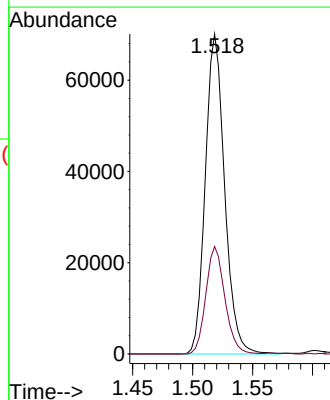
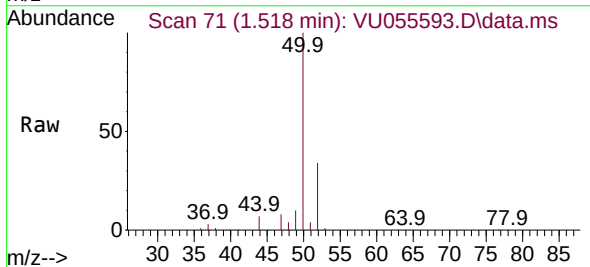
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 ClientSampleId :

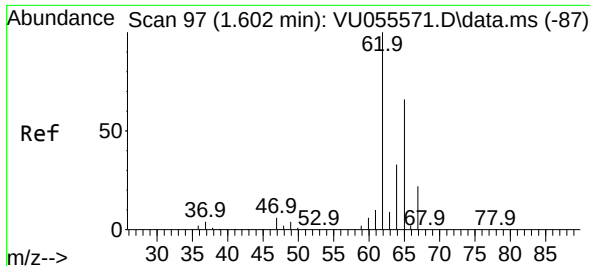
Tgt Ion: 85 Resp: 63222
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.100 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

Tgt Ion: 50 Resp: 78684
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.9 42.5

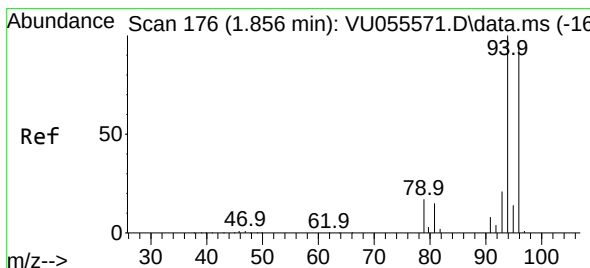
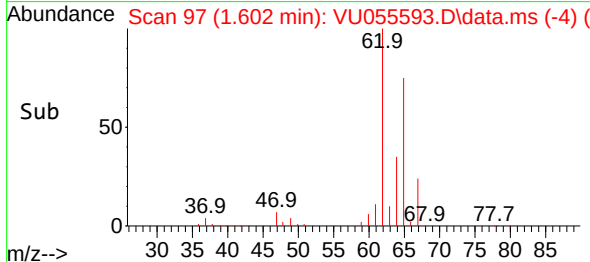
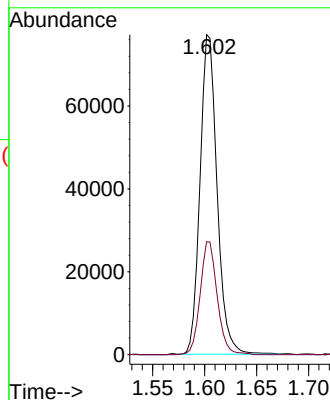
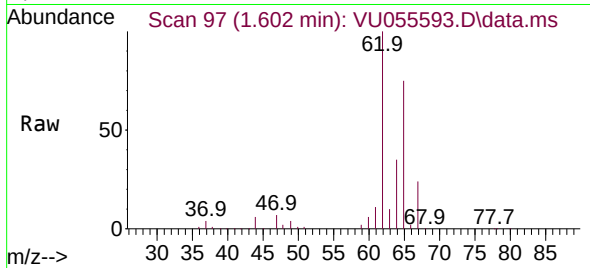




#5
 Vinyl chloride
 Concen: 5.293 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

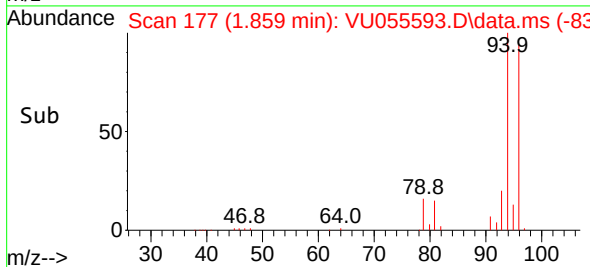
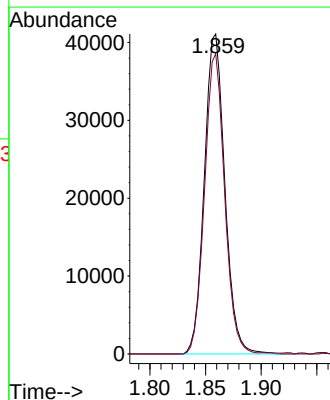
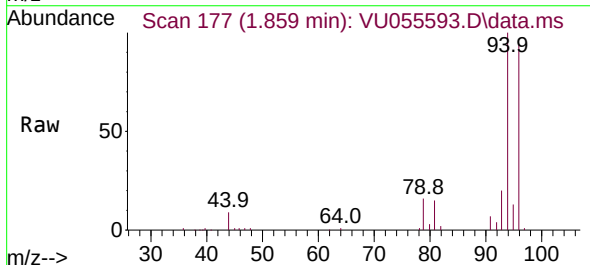
Instrument :
 MSVOA_U
 ClientSampleId :

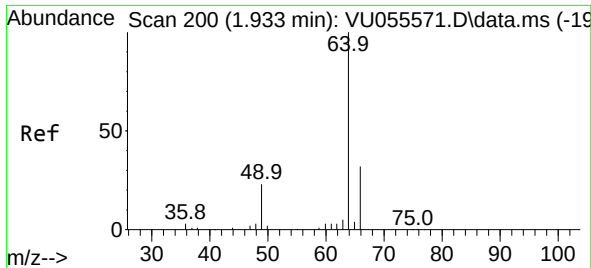
Tgt Ion: 62 Resp: 88093
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.3 41.5



#6
 Bromomethane
 Concen: 4.976 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

Tgt Ion: 94 Resp: 52606
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.4 123.2

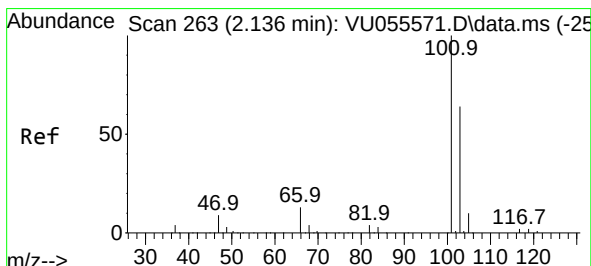
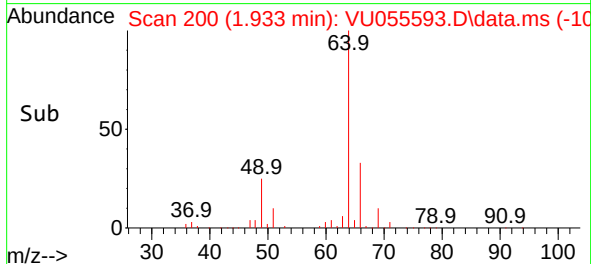
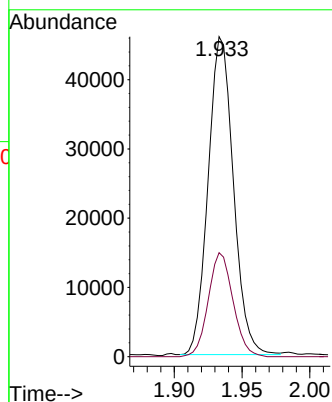
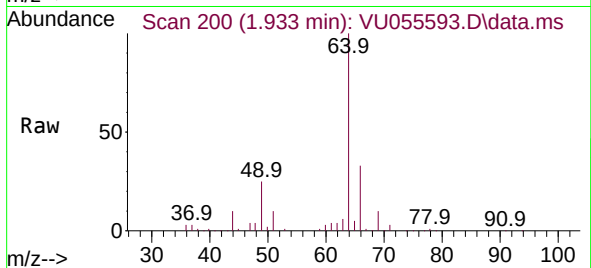




#8
Chloroethane
Concen: 5.494 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

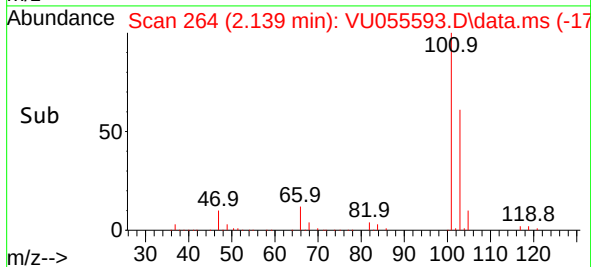
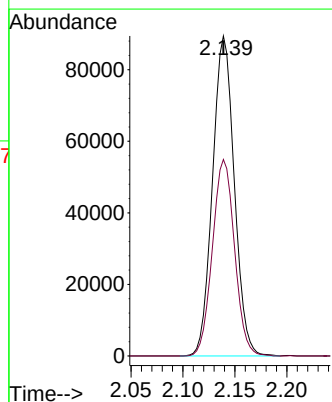
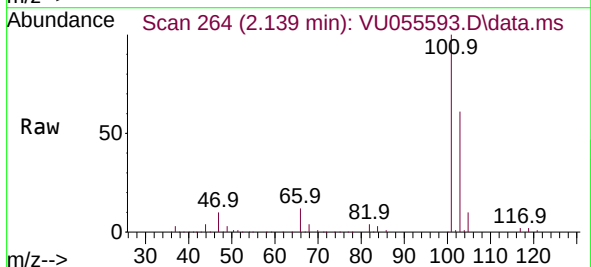
Instrument :
MSVOA_U
ClientSampleId :

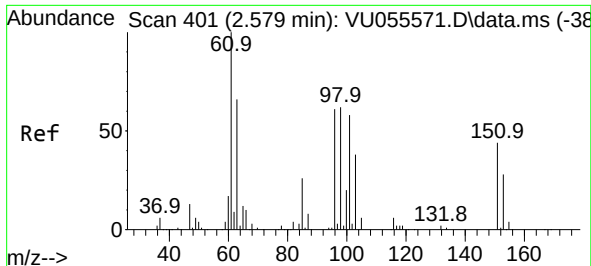
Tgt Ion: 64 Resp: 59669
Ion Ratio Lower Upper
64 100
66 32.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.645 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion:101 Resp: 130299
Ion Ratio Lower Upper
101 100
103 62.4 52.0 78.0

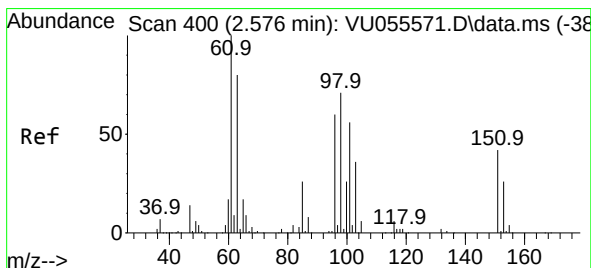
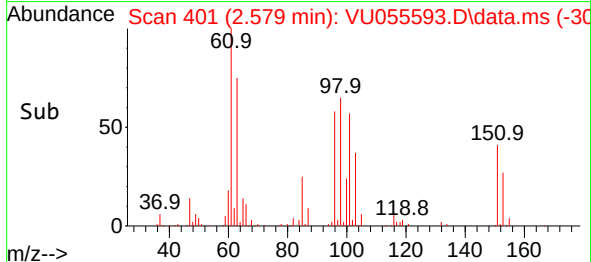
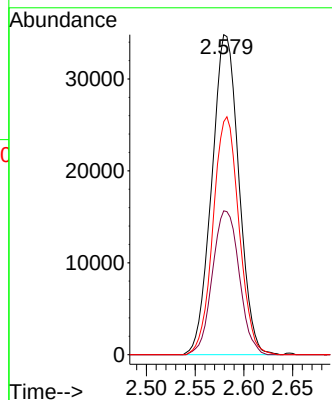
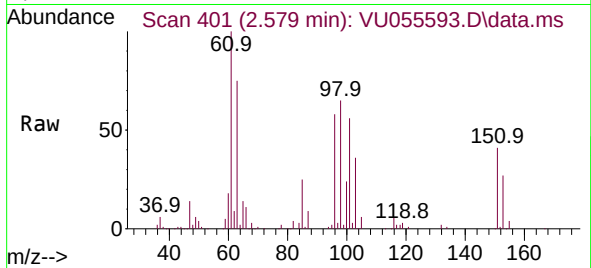




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.795 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

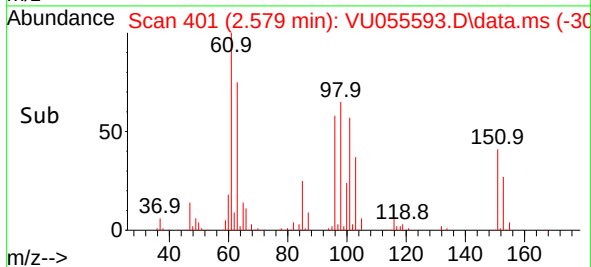
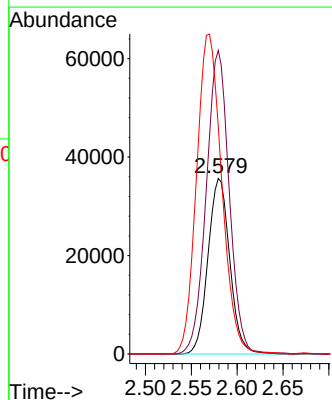
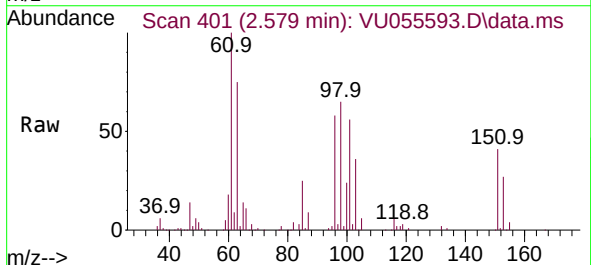
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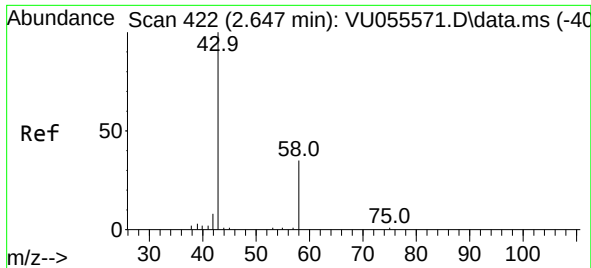
Tgt Ion:101 Resp: 67348
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.8 53.6
 151 71.2 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.661 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

Tgt Ion: 96 Resp: 58701
 Ion Ratio Lower Upper
 96 100
 61 172.9 114.5 212.7
 63 129.6 98.3 182.5





#13

Acetone

Concen: 43.586 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.003 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

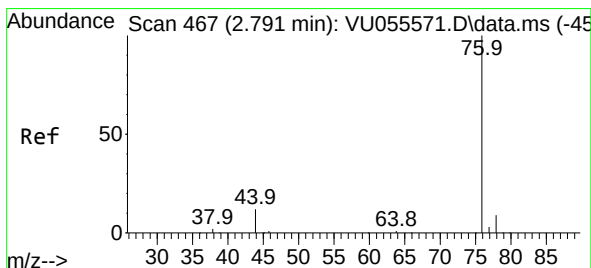
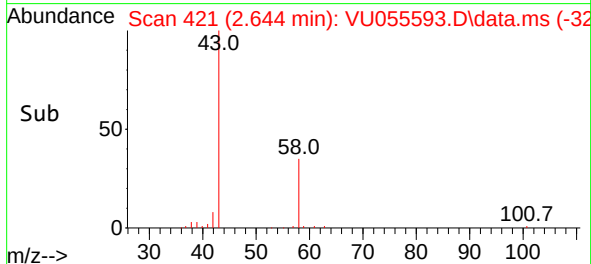
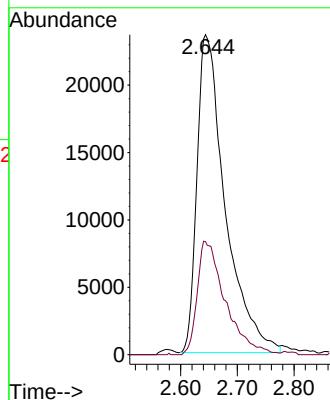
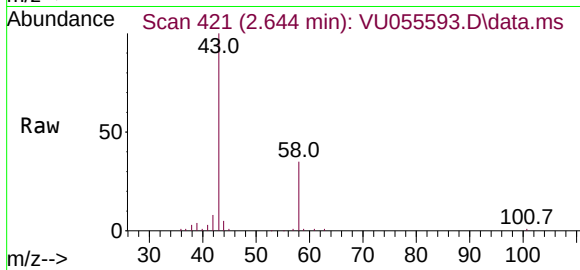
ClientSampleId :

Tgt Ion: 43 Resp: 81701

Ion Ratio Lower Upper

43 100

58 35.4 0.0 72.2



#14

Carbon disulfide

Concen: 4.831 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055593.D

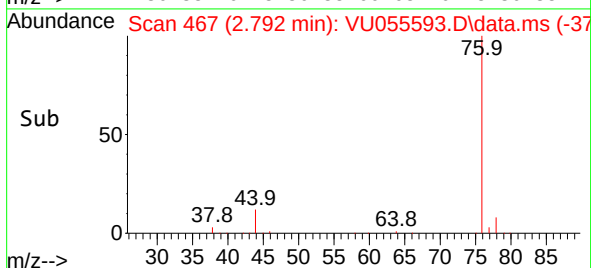
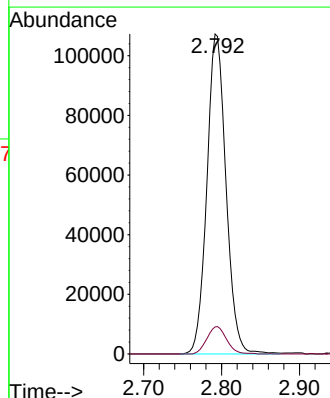
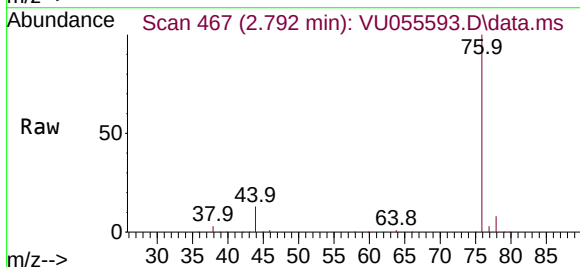
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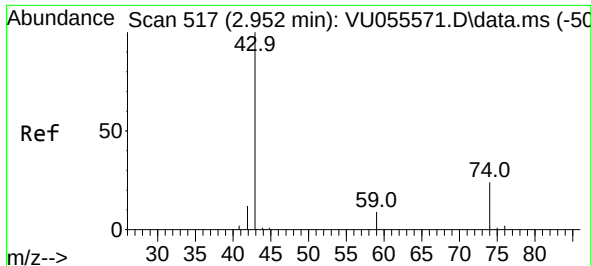
Tgt Ion: 76 Resp: 182892

Ion Ratio Lower Upper

76 100

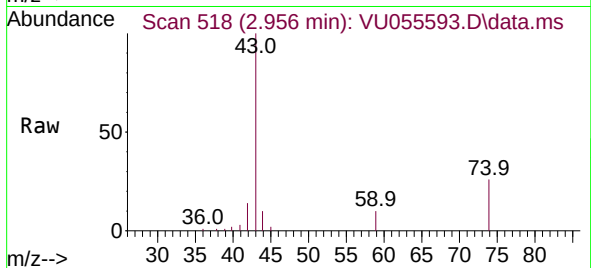
78 8.5 7.7 11.5



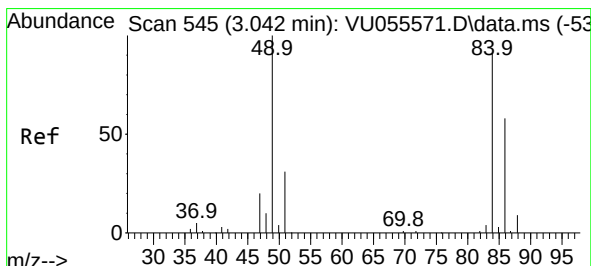
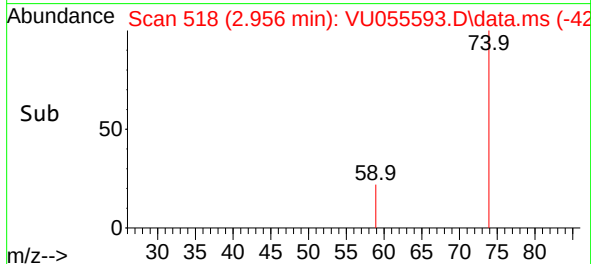
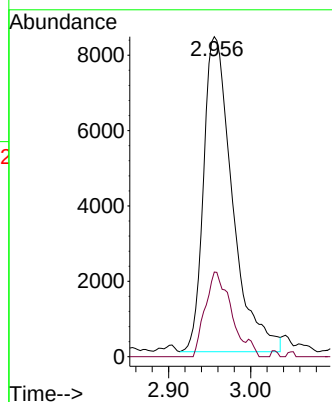


#15
Methyl Acetate
Concen: 4.784 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Instrument :
MSVOA_U
ClientSampleId :

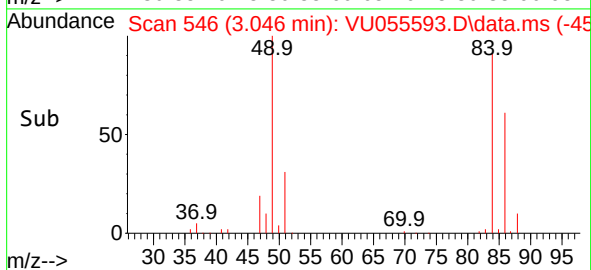
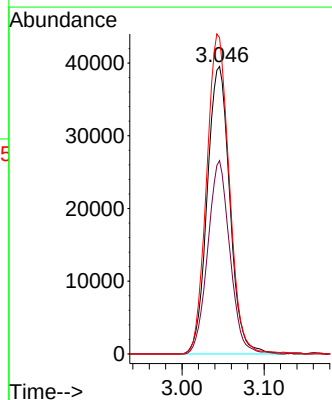
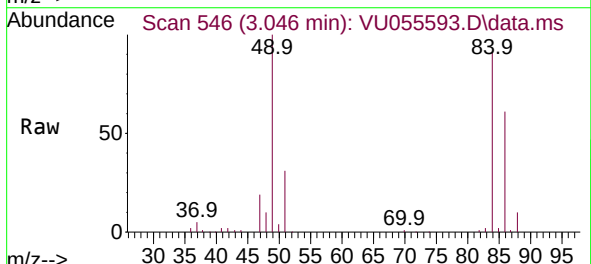


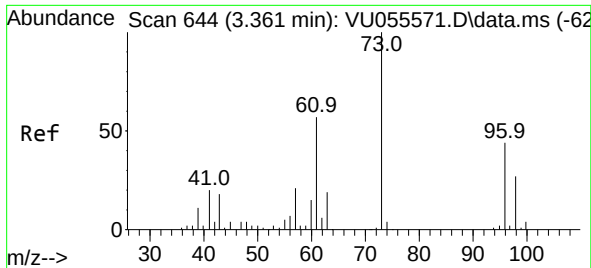
Tgt Ion: 43 Resp: 20447
Ion Ratio Lower Upper
43 100
74 23.4 22.3 33.5



#16
Methylene chloride
Concen: 5.013 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

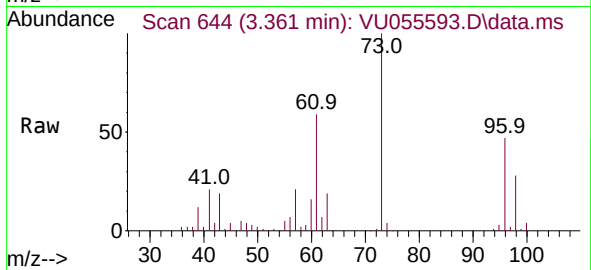
Tgt Ion: 84 Resp: 75646
Ion Ratio Lower Upper
84 100
86 67.2 44.9 83.3
49 110.0 78.8 146.3



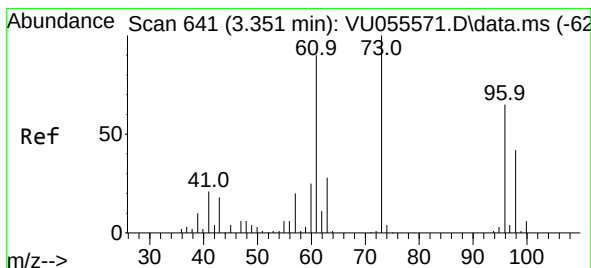
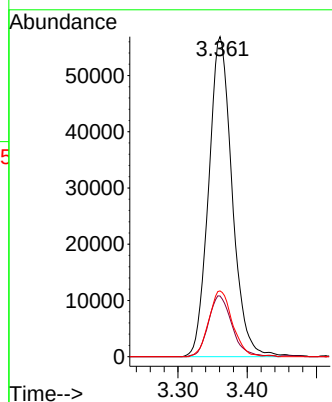
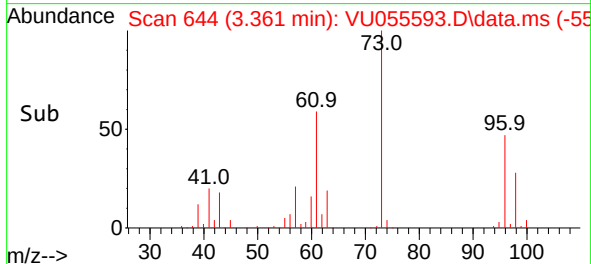


#17
Methyl tert-butyl Ether
Concen: 4.894 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Instrument :
MSVOA_U
ClientSampleId :

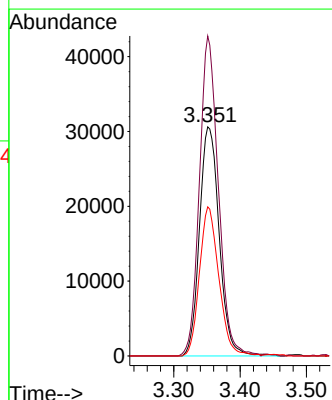
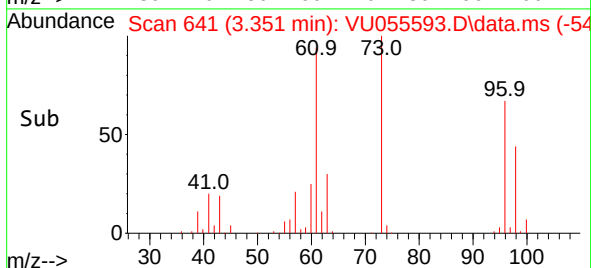
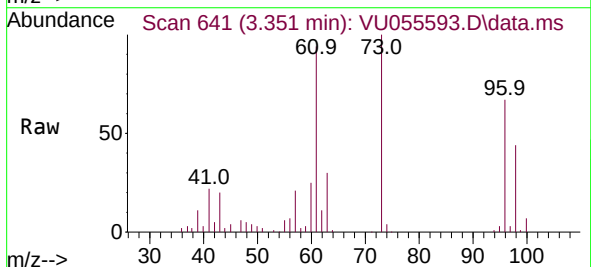


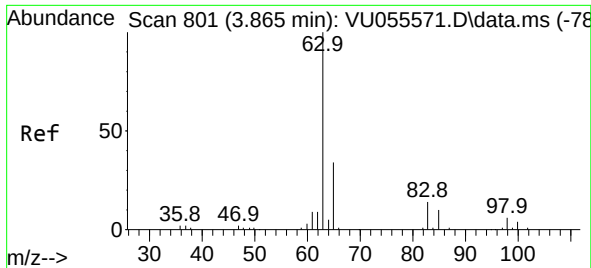
Tgt Ion: 73 Resp: 133697
Ion Ratio Lower Upper
73 100
43 19.1 14.9 22.3
57 20.6 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.989 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 96 Resp: 63337
Ion Ratio Lower Upper
96 100
61 139.7 94.6 175.6
98 65.1 45.7 84.9

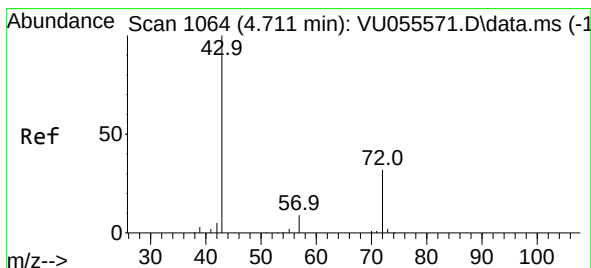
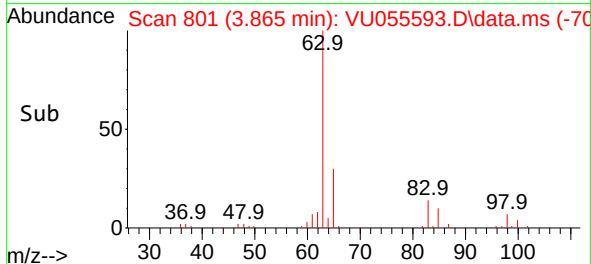
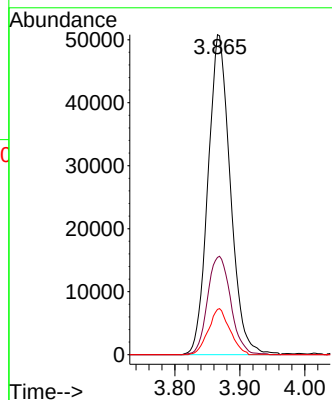
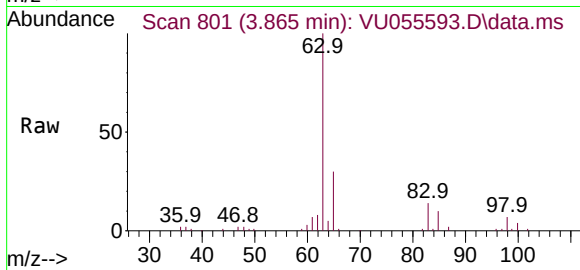




#19
1,1-Dichloroethane
Concen: 5.170 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

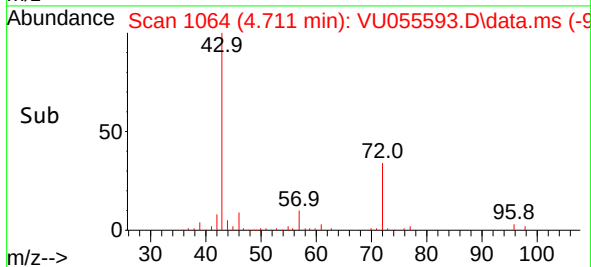
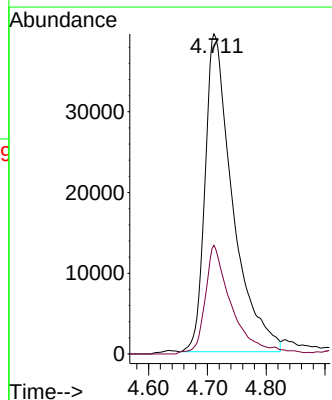
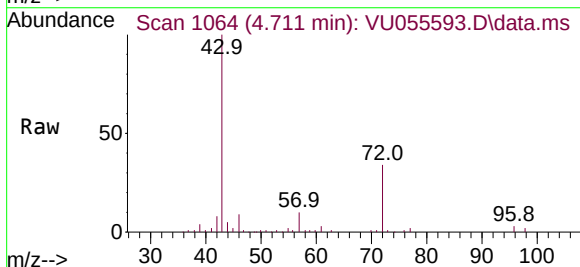
Instrument :
MSVOA_U
ClientSampleId :

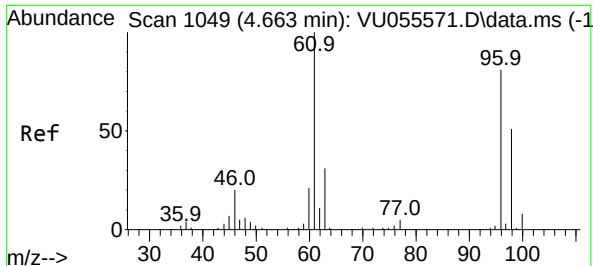
Tgt Ion: 63 Resp: 121374
Ion Ratio Lower Upper
63 100
65 30.4 22.0 41.0
83 14.1 10.1 18.9



#21
2-Butanone
Concen: 46.801 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 43 Resp: 128667
Ion Ratio Lower Upper
43 100
72 31.4 15.1 45.3





#22

cis-1,2-Dichloroethene

Concen: 4.860 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

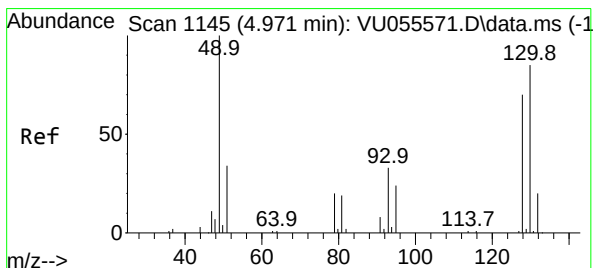
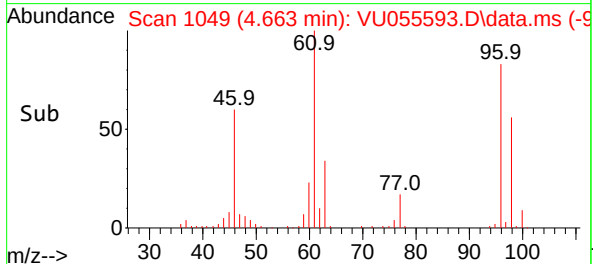
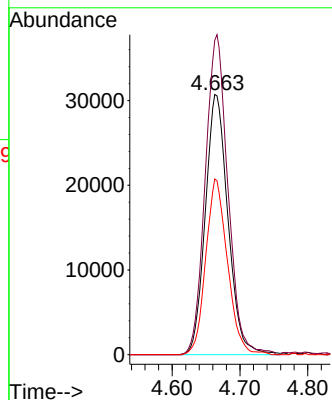
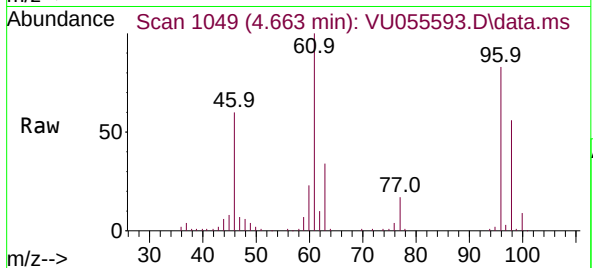
Tgt Ion: 96 Resp: 71524

Ion Ratio Lower Upper

96 100

61 120.9 87.8 163.2

98 67.5 44.4 82.4



#23

Bromochloromethane

Concen: 5.175 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Tgt Ion: 128 Resp: 32194

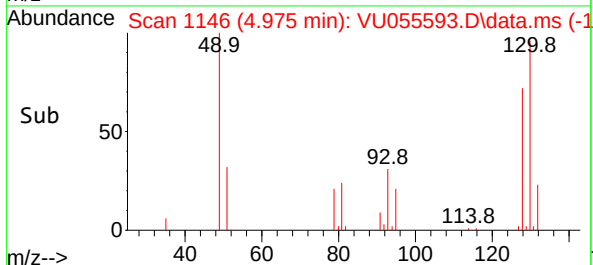
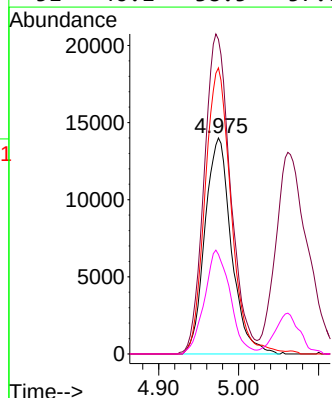
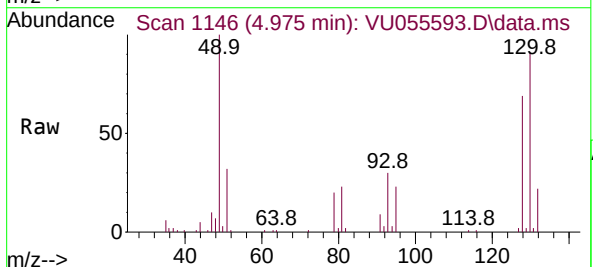
Ion Ratio Lower Upper

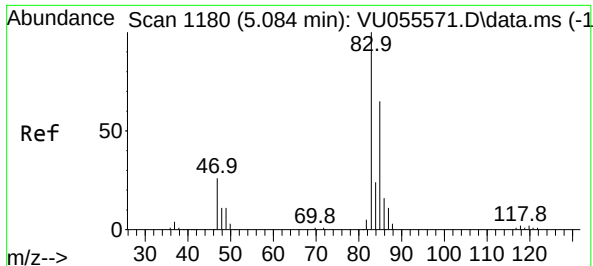
128 100

49 149.8 102.8 191.0

130 132.4 89.9 166.9

51 46.1 38.5 57.7





#25

Chloroform

Concen: 5.417 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

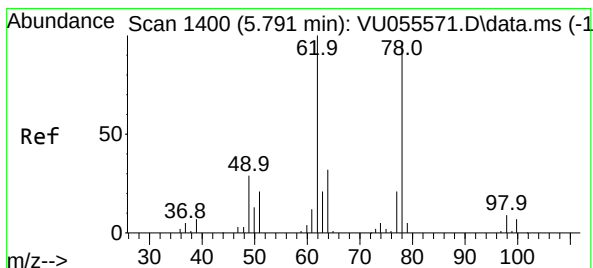
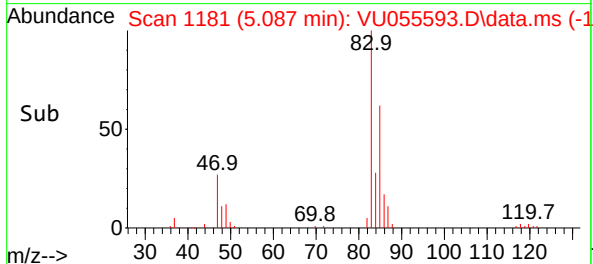
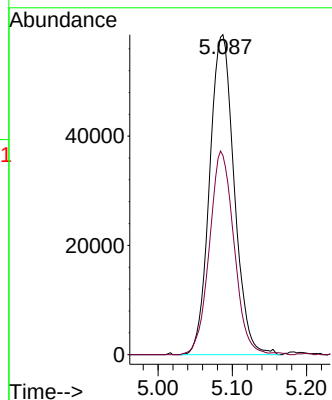
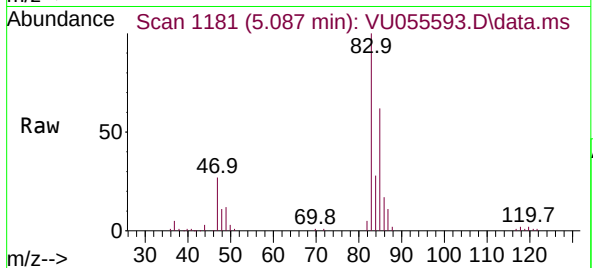
ClientSampleId :

Tgt Ion: 83 Resp: 134664

Ion Ratio Lower Upper

83 100

85 62.3 44.9 83.5



#27

1,2-Dichloroethane

Concen: 5.150 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055593.D

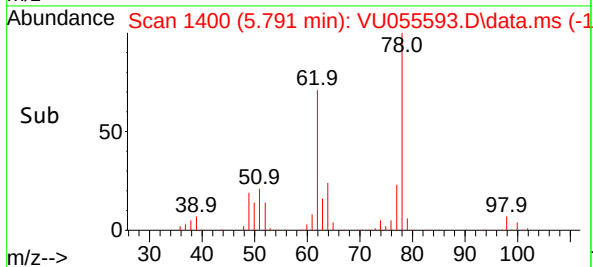
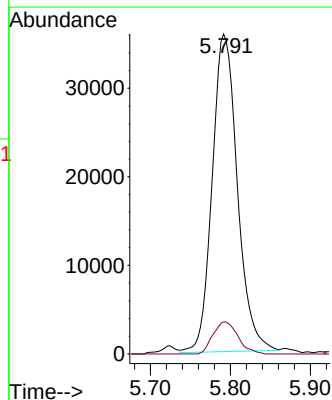
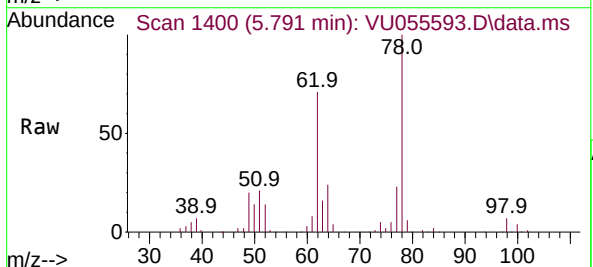
Acq: 28 Sep 2023 21:15

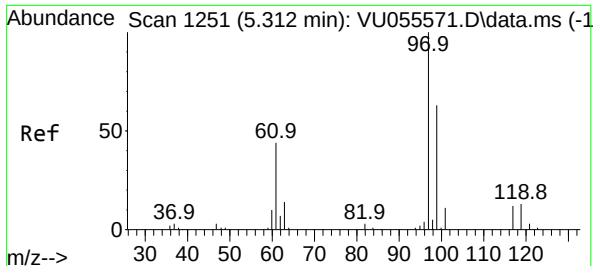
Tgt Ion: 62 Resp: 78509

Ion Ratio Lower Upper

62 100

98 10.0 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.356 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

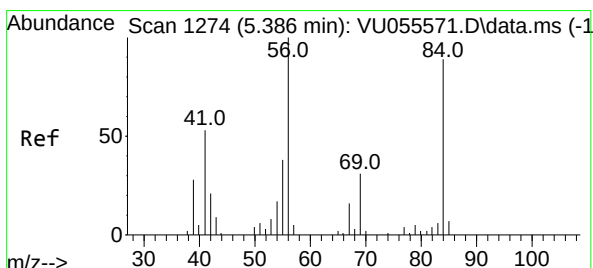
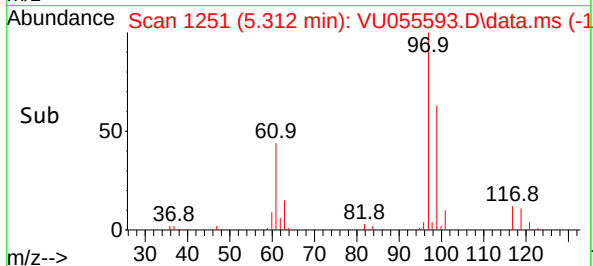
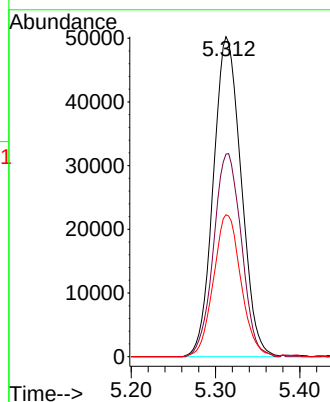
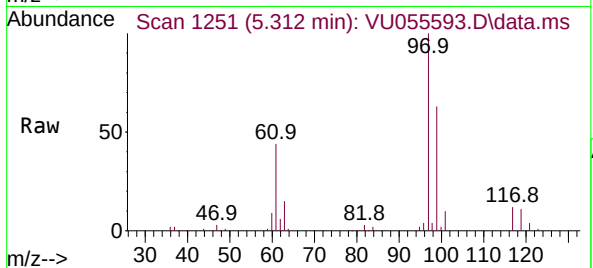
Tgt Ion: 97 Resp: 115037

Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

61 43.9 34.6 51.8



#30

Cyclohexane

Concen: 4.615 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

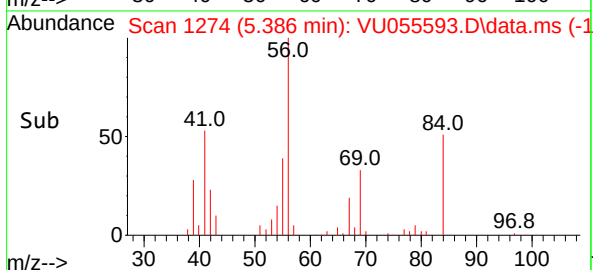
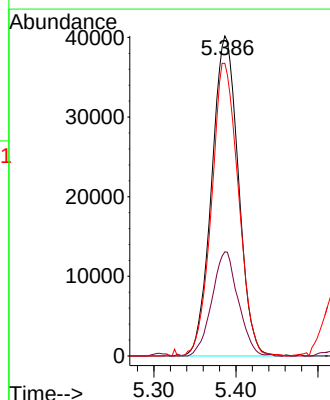
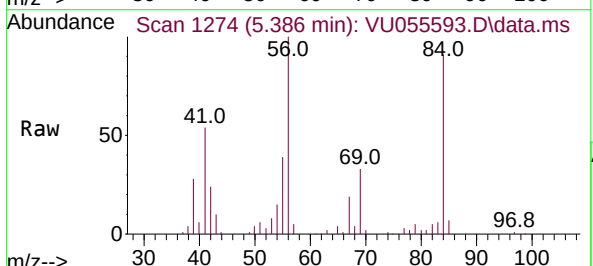
Tgt Ion: 56 Resp: 90735

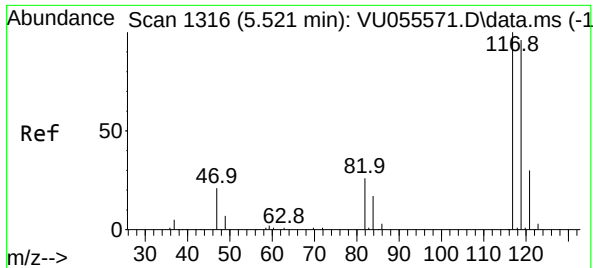
Ion Ratio Lower Upper

56 100

69 32.0 26.5 39.7

84 91.9 72.6 108.8

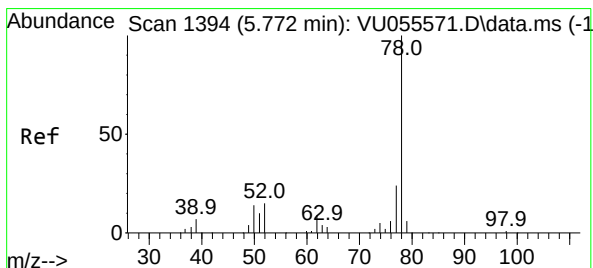
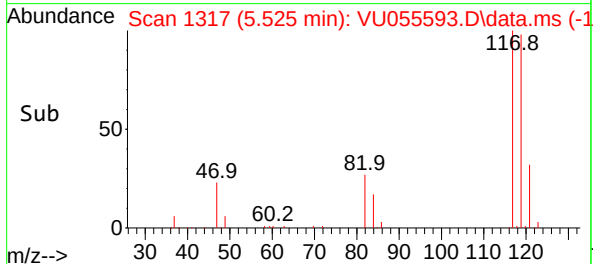
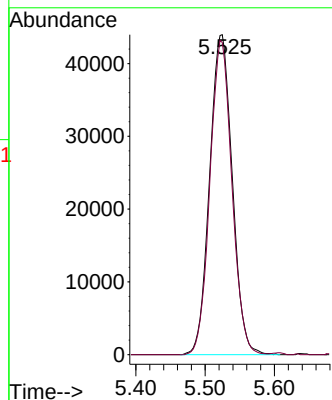
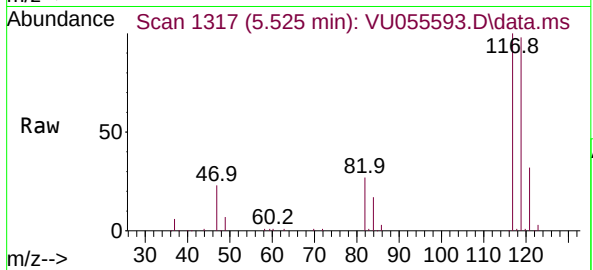




#31
Carbon tetrachloride
Concen: 5.420 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

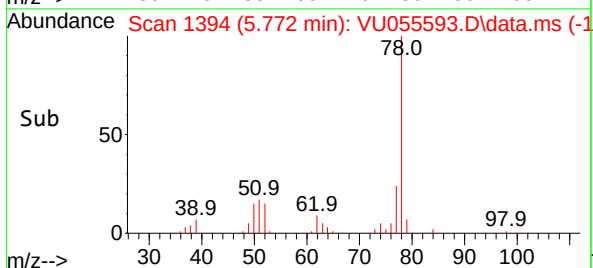
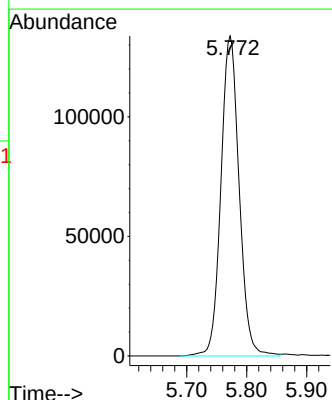
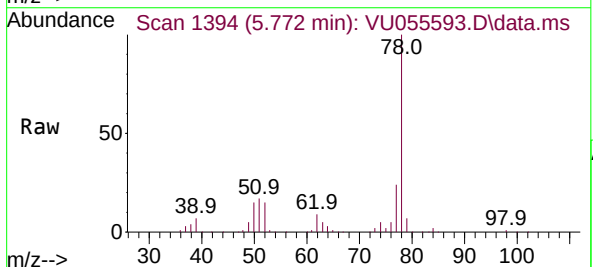
Instrument :
MSVOA_U
ClientSampleId :

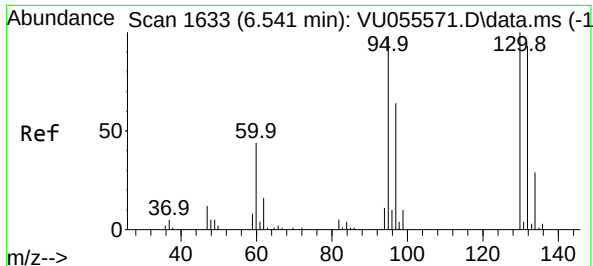
Tgt Ion:117 Resp: 99778
Ion Ratio Lower Upper
117 100
119 95.1 75.2 112.8



#33
Benzene
Concen: 5.193 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 78 Resp: 281602

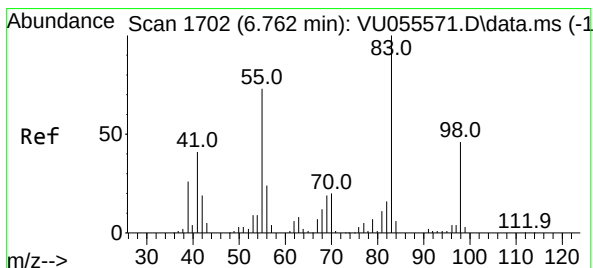
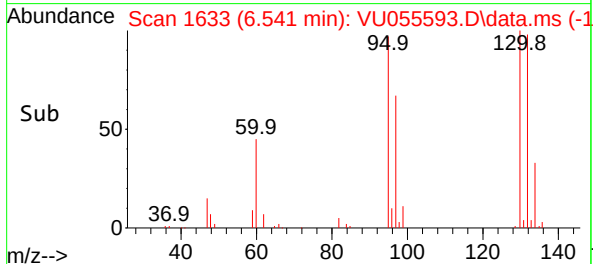
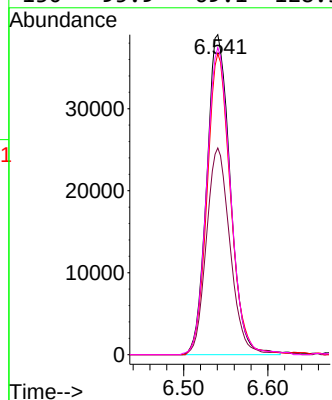
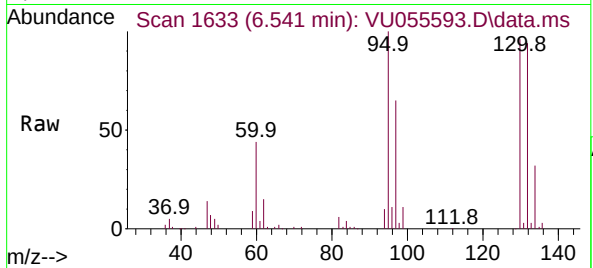




#34
Trichloroethene
Concen: 4.939 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

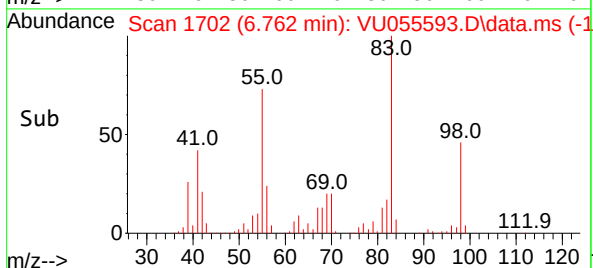
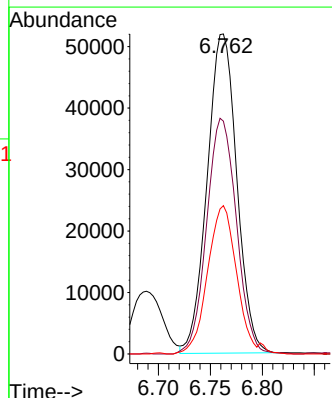
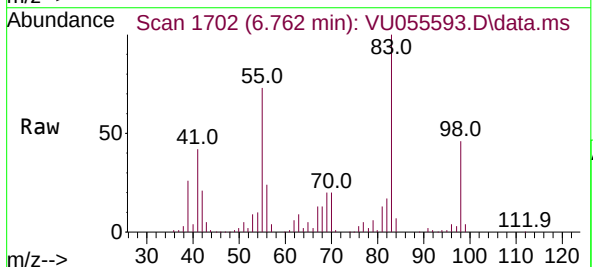
Instrument :
MSVOA_U
ClientSampleId :

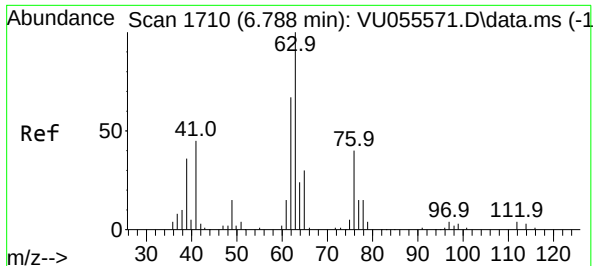
Tgt Ion: 95 Resp: 75755
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.2
132 94.1 65.2 121.2
130 95.9 69.1 128.3



#35
Methylcyclohexane
Concen: 4.671 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 83 Resp: 103212
Ion Ratio Lower Upper
83 100
55 74.2 59.1 88.7
98 44.9 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.198 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

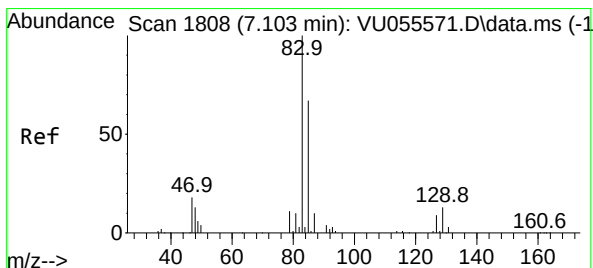
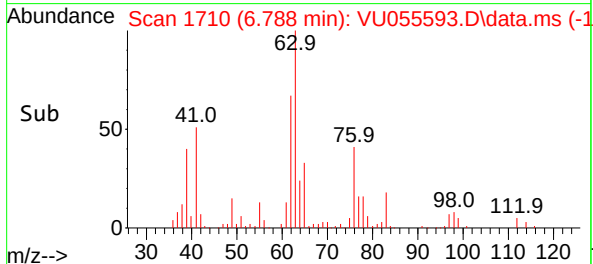
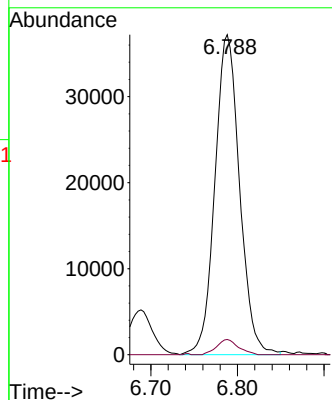
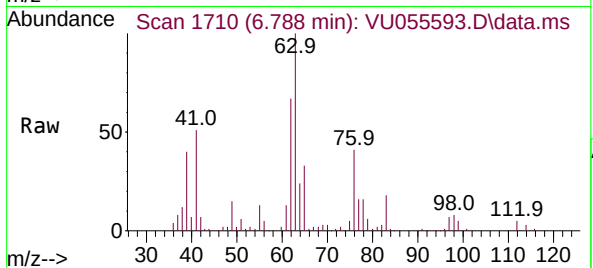
ClientSampleId :

Tgt Ion: 63 Resp: 73714

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 5.416 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

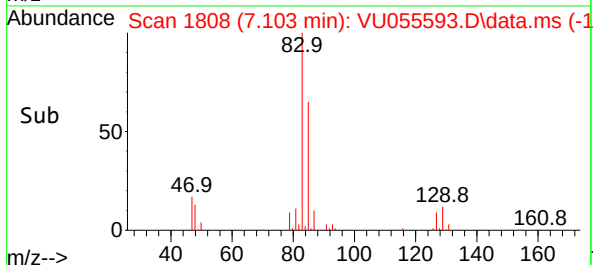
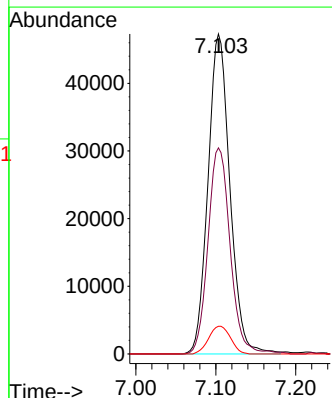
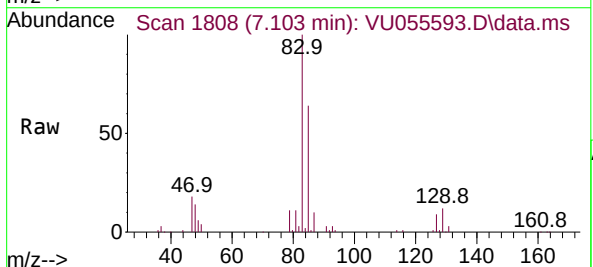
Tgt Ion: 83 Resp: 90009

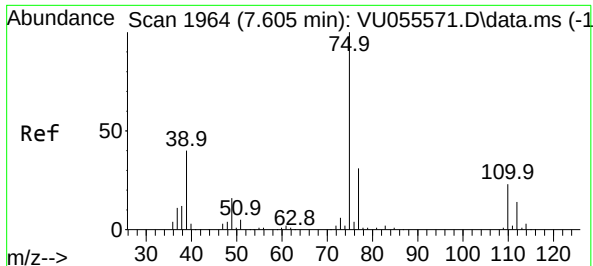
Ion Ratio Lower Upper

83 100

85 64.4 46.8 86.8

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.286 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

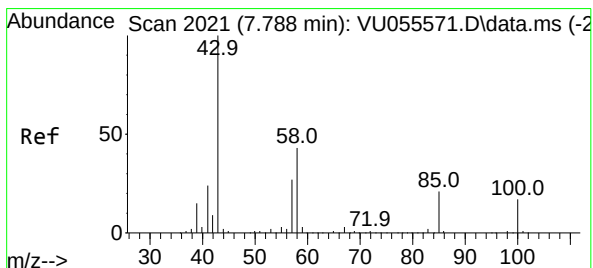
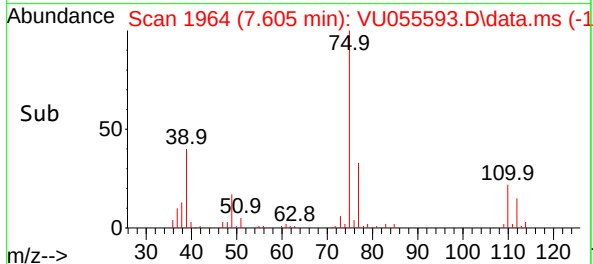
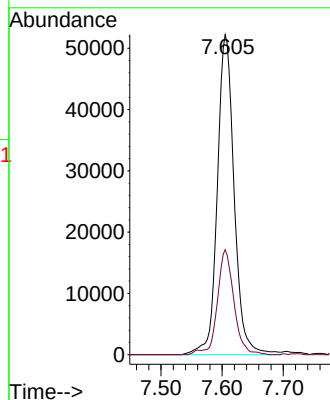
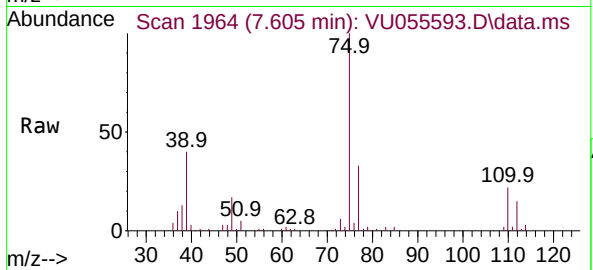
ClientSampleId :

Tgt Ion: 75 Resp: 100045

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 48.930 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

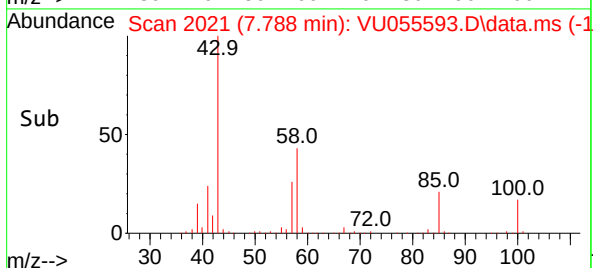
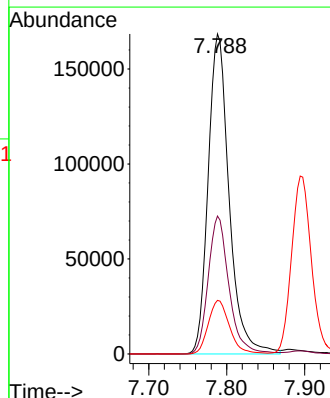
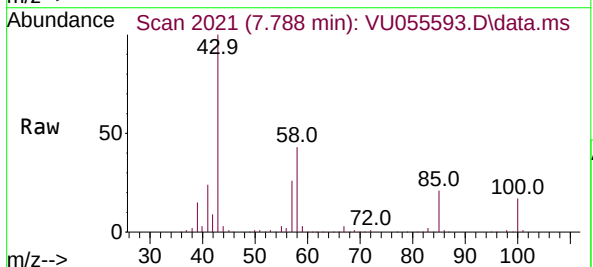
Tgt Ion: 43 Resp: 314762

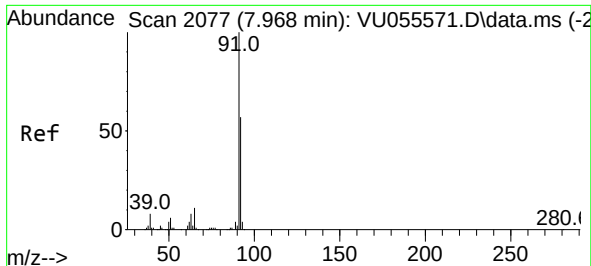
Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.4

100 17.0 13.4 20.0





#42

Toluene

Concen: 5.203 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

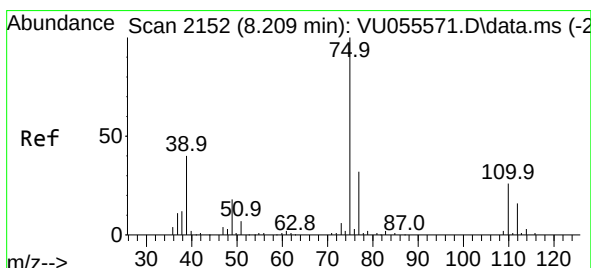
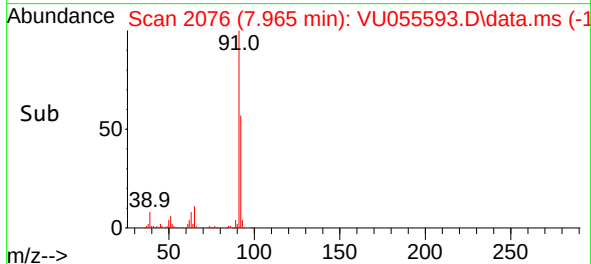
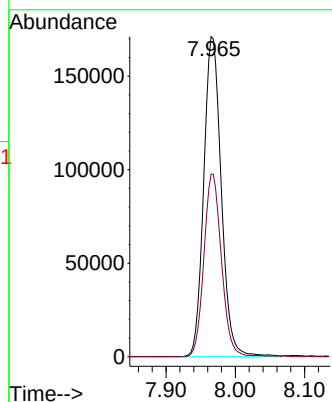
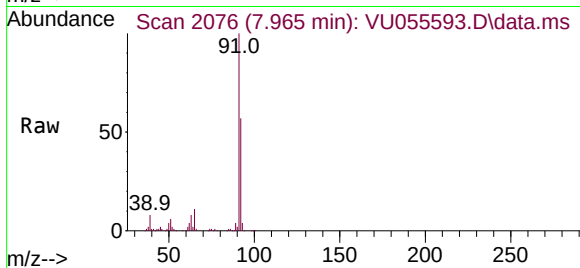
ClientSampleId :

Tgt Ion: 91 Resp: 300960

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.202 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU055593.D

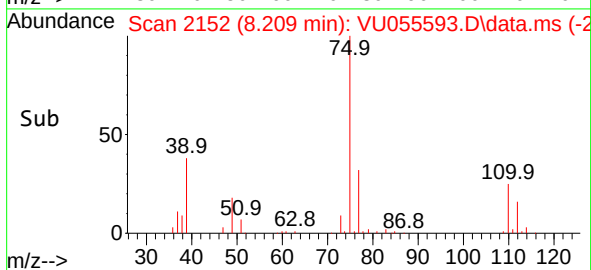
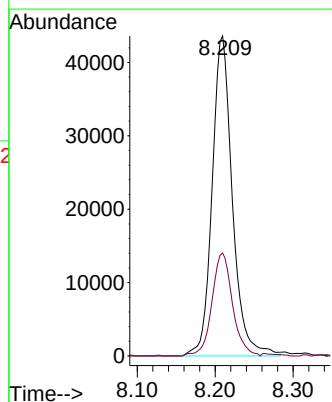
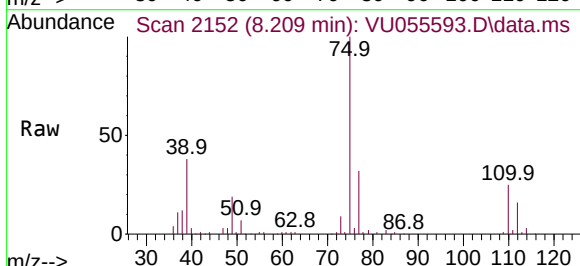
Acq: 28 Sep 2023 21:15

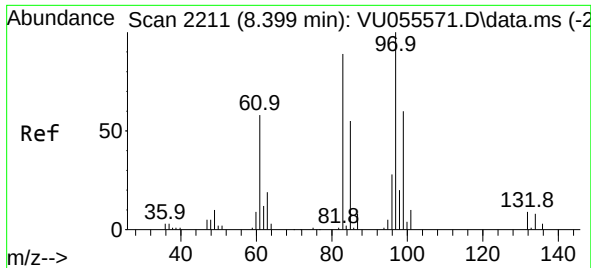
Tgt Ion: 75 Resp: 78770

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4

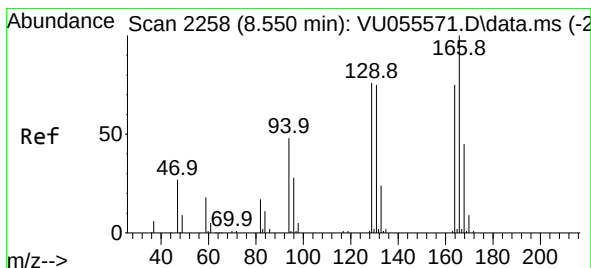
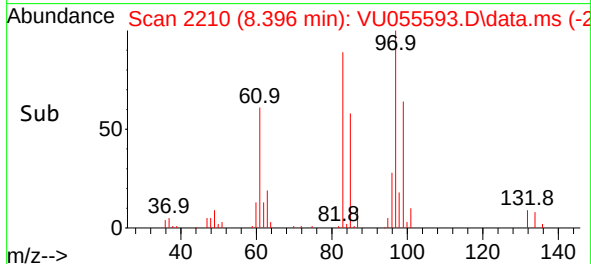
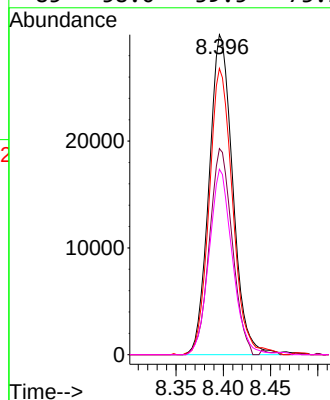
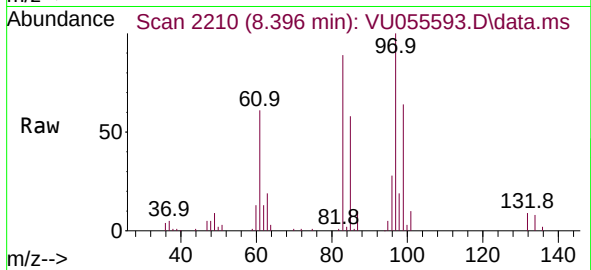




#45
1,1,2-Trichloroethane
Concen: 5.261 ug/L
RT: 8.396 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

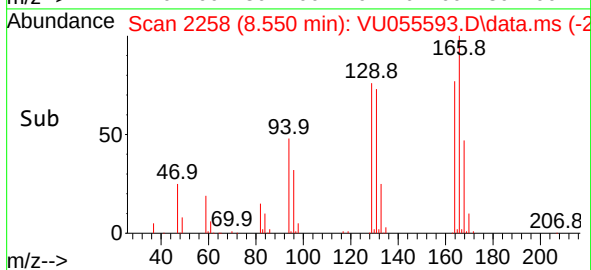
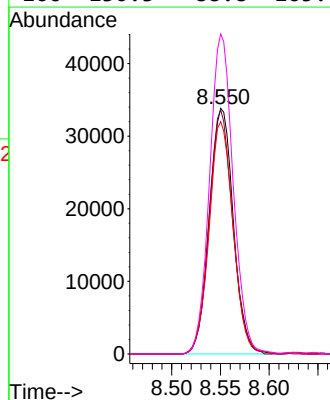
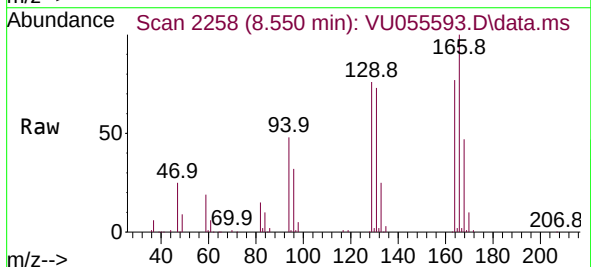
Instrument :
MSVOA_U
ClientSampleId :

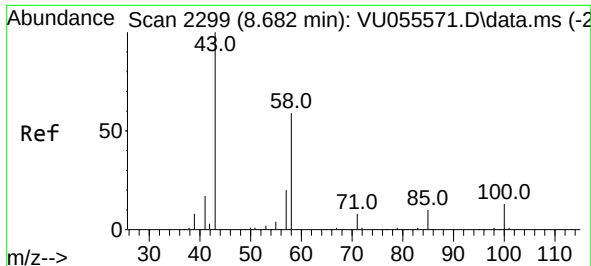
Tgt Ion:	97	Resp:	52315
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.1	81.9
83	89.5	61.5	114.1
85	58.0	39.5	73.3



#47
Tetrachloroethene
Concen: 5.263 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

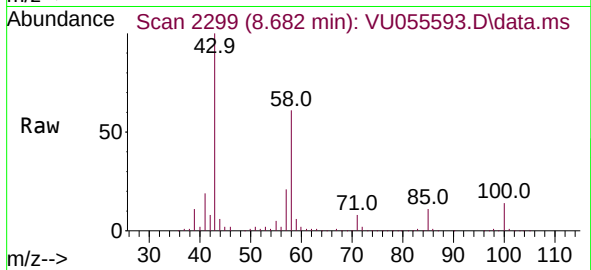
Tgt Ion:	164	Resp:	57908
Ion	Ratio	Lower	Upper
164	100		
129	99.5	67.4	125.2
131	94.6	66.4	123.2
166	130.3	88.8	165.0



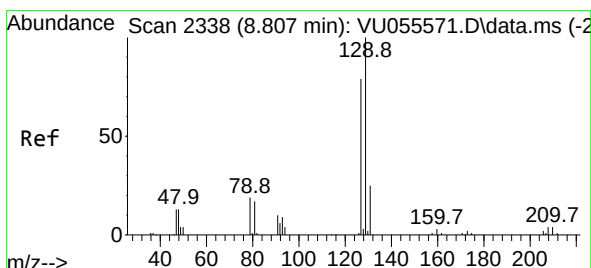
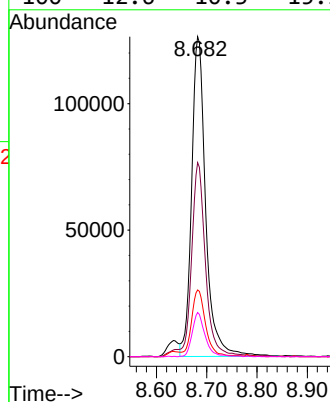
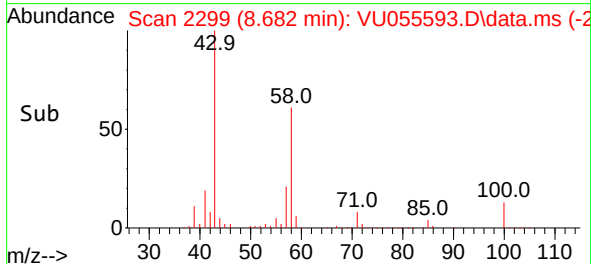


#48
2-Hexanone
Concen: 49.235 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Instrument :
MSVOA_U
ClientSampleId :

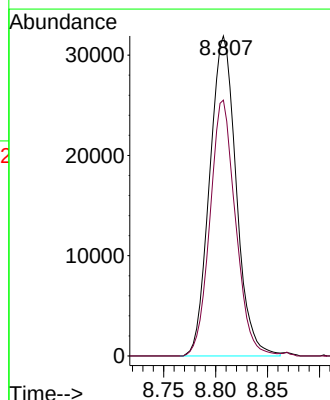
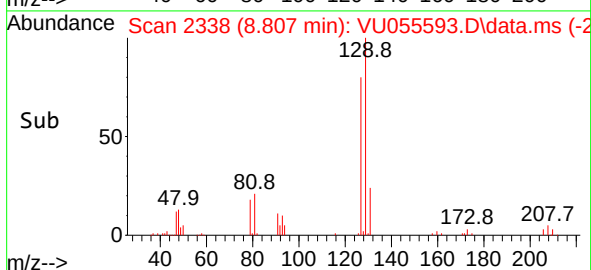
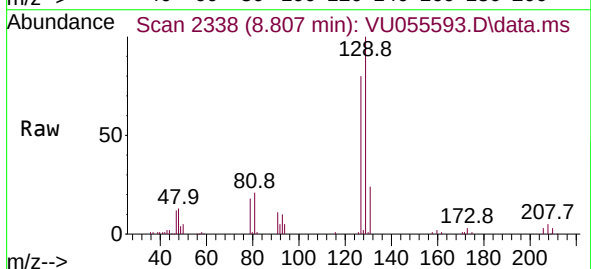


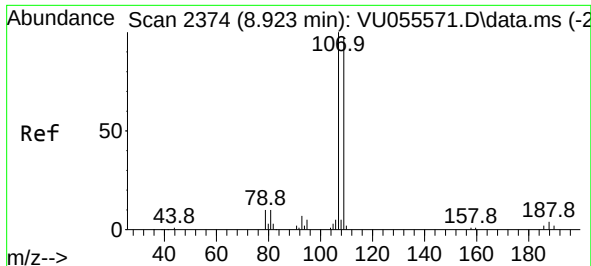
Tgt Ion: 43 Resp: 245465
Ion Ratio Lower Upper
43 100
58 61.1 48.5 72.7
57 20.0 17.0 25.4
100 12.6 10.3 15.5



#49
Dibromochloromethane
Concen: 5.451 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 129 Resp: 56818
Ion Ratio Lower Upper
129 100
127 79.9 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.265 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

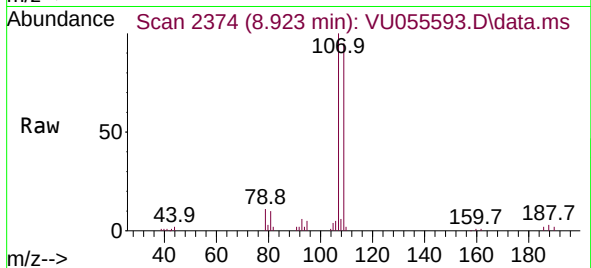
Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

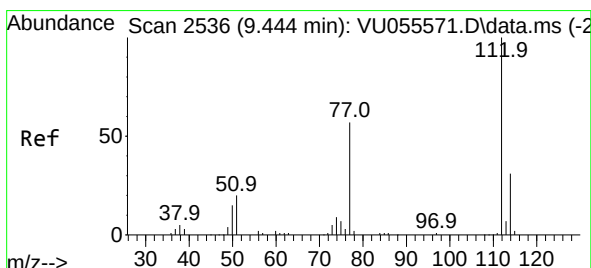
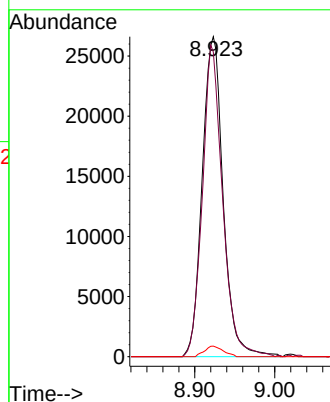
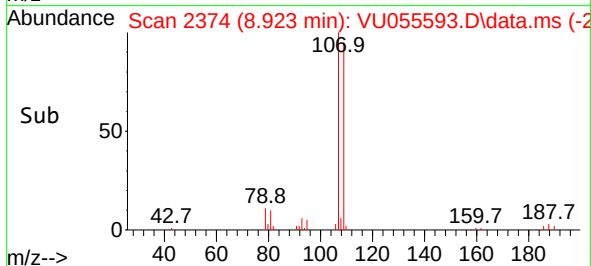
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	48584
Ion	Ratio	Lower	Upper
107	100		
109	95.2	66.1	122.8
188	3.3	3.2	4.8



#51

Chlorobenzene

Concen: 5.160 ug/L

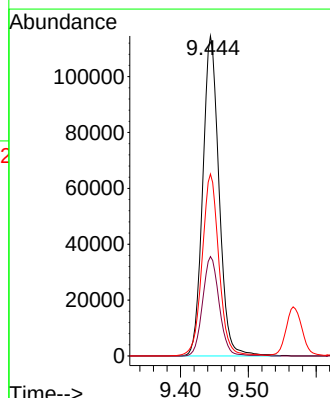
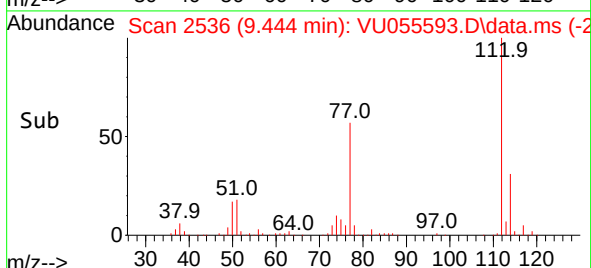
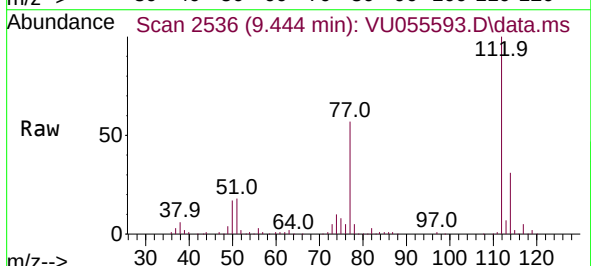
RT: 9.444 min Scan# 2536

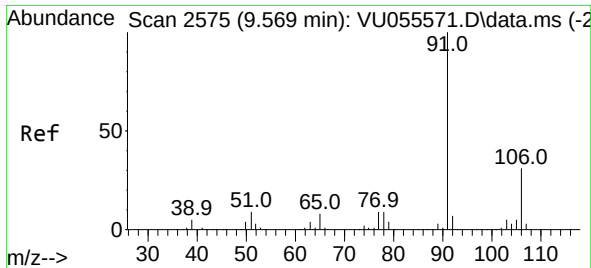
Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Tgt Ion:	112	Resp:	191156
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.0	40.8
77	56.9	46.9	70.3

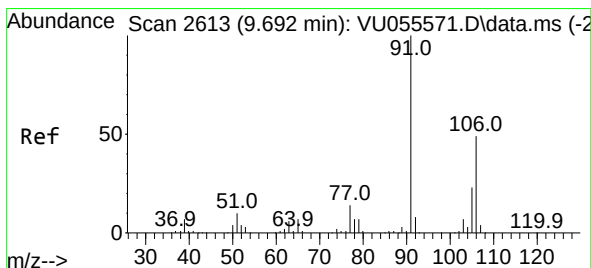
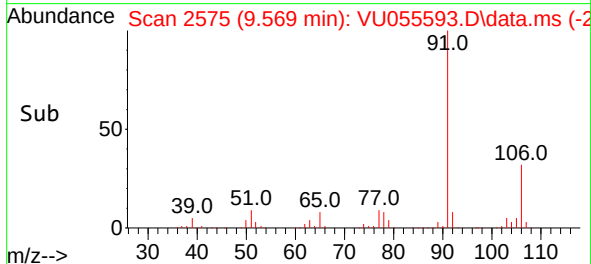
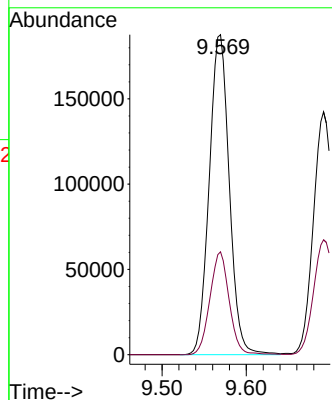
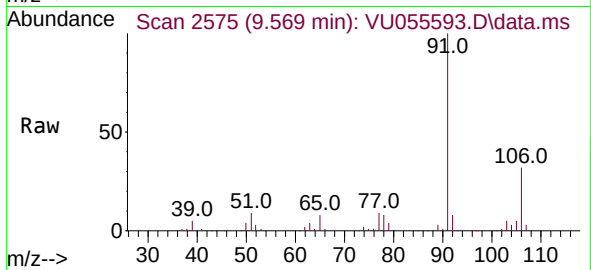




#52
Ethylbenzene
Concen: 5.006 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

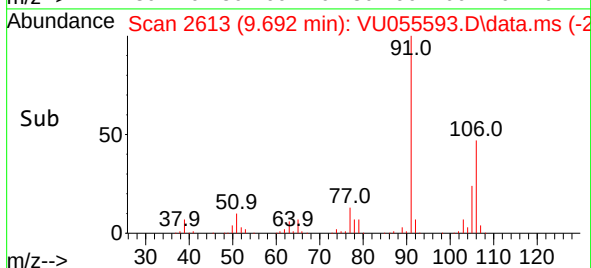
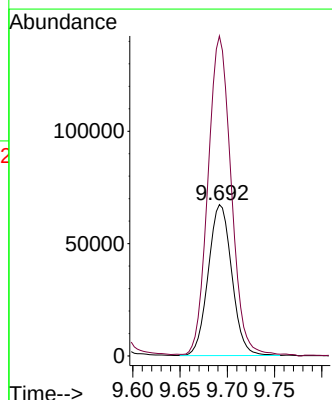
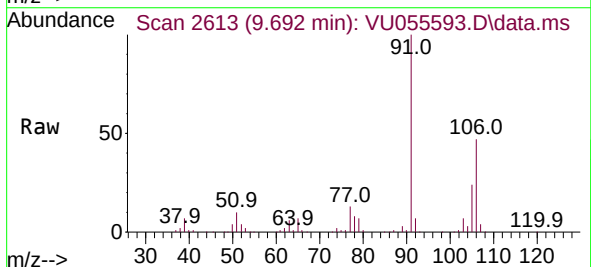
Instrument :
MSVOA_U
ClientSampleId :

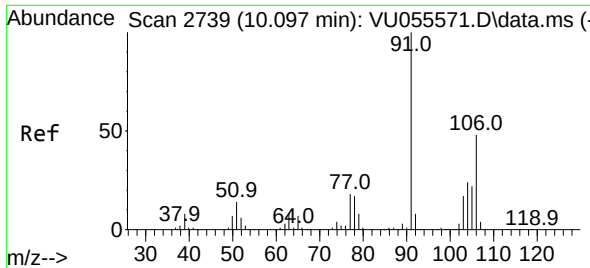
Tgt Ion: 91 Resp: 310390
Ion Ratio Lower Upper
91 100
106 32.2 22.4 41.6



#53
m,p-Xylene
Concen: 5.009 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion: 106 Resp: 116397
Ion Ratio Lower Upper
106 100
91 211.4 144.8 269.0

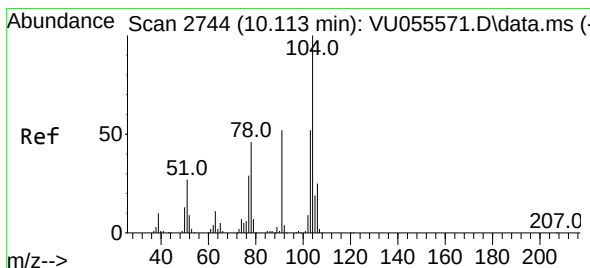
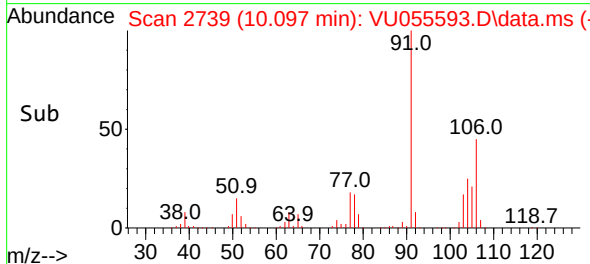
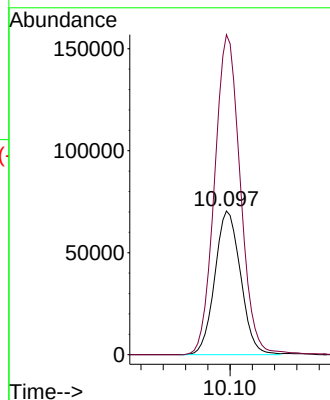
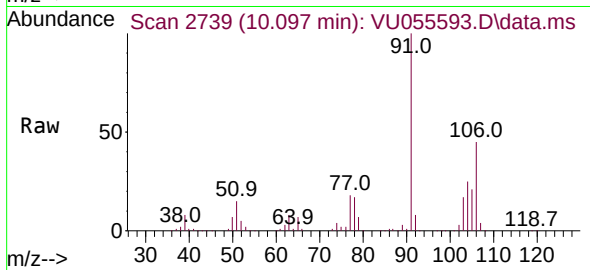




#54
o-Xylene
Concen: 5.002 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

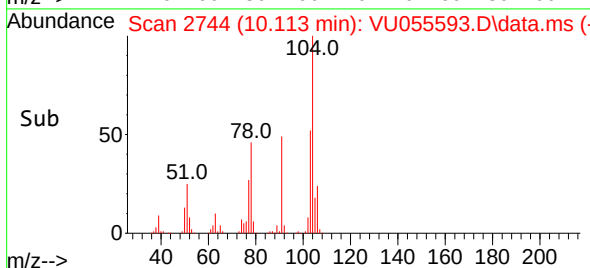
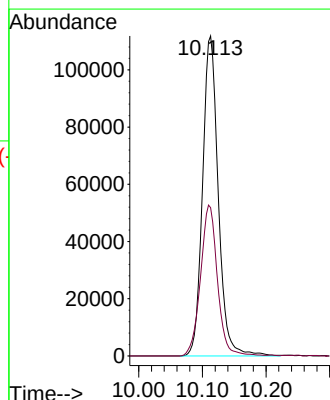
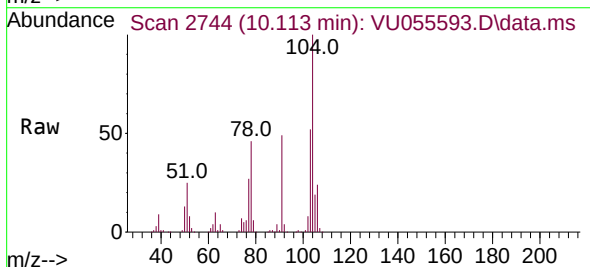
Instrument :
MSVOA_U
ClientSampleId :

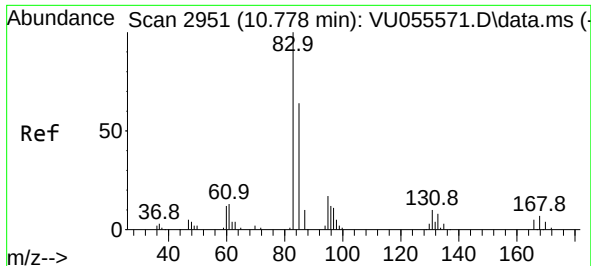
Tgt Ion:106 Resp: 112996
Ion Ratio Lower Upper
106 100
91 222.6 157.6 292.8



#55
Styrene
Concen: 5.255 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion:104 Resp: 191951
Ion Ratio Lower Upper
104 100
78 46.4 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.199 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU055593.D

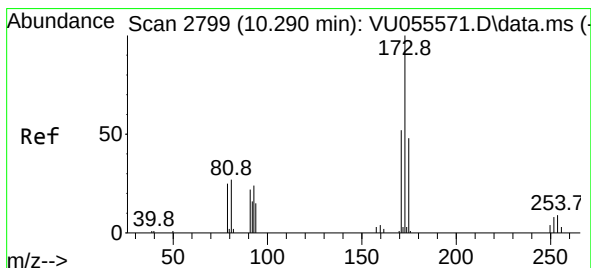
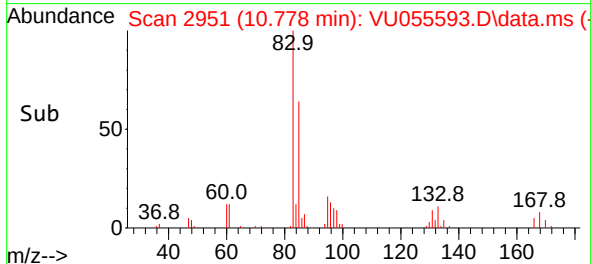
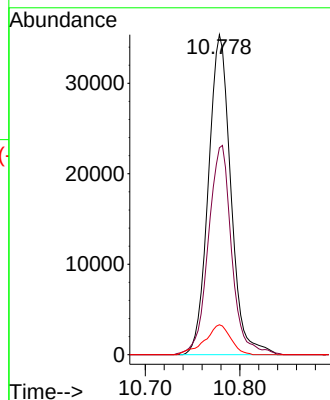
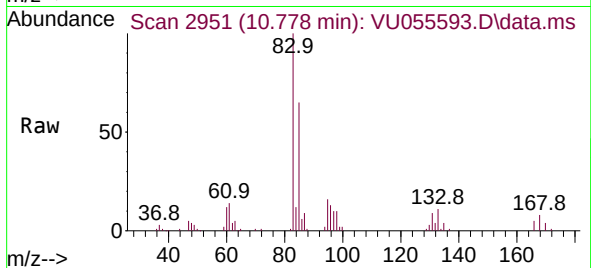
Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 58364
Ion Ratio	Lower Upper
83	100
85	64.6 44.4 82.5
131	9.3 7.4 11.2



#59

Bromoform

Concen: 5.234 ug/L

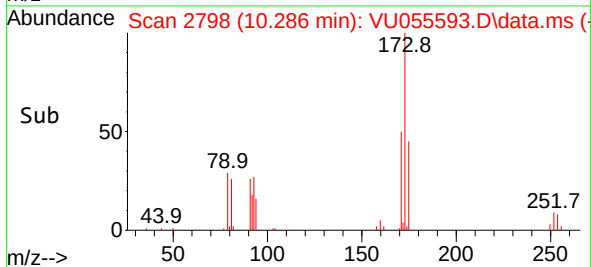
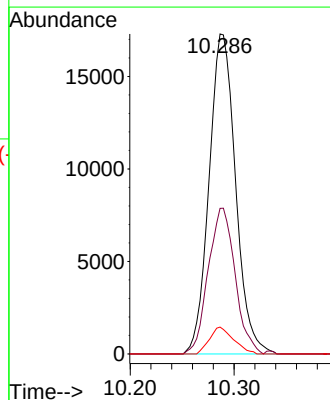
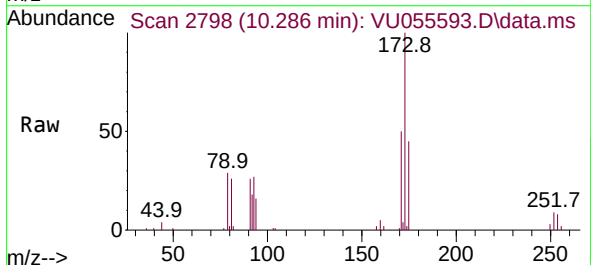
RT: 10.286 min Scan# 2798

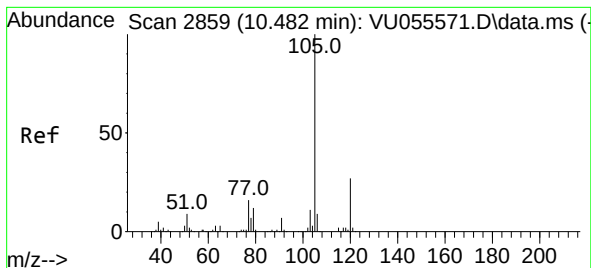
Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Tgt Ion: 173	Resp: 30661
Ion Ratio	Lower Upper
173	100
175	46.1 39.4 59.2
254	7.6 7.3 10.9





#60

Isopropylbenzene

Concen: 4.860 ug/L

RT: 10.483 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

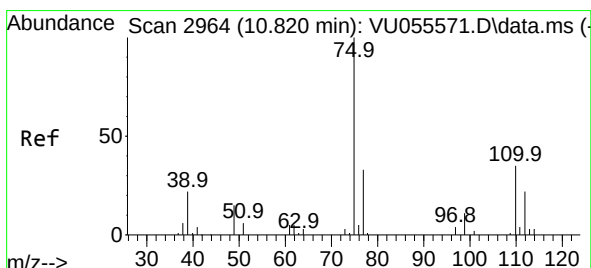
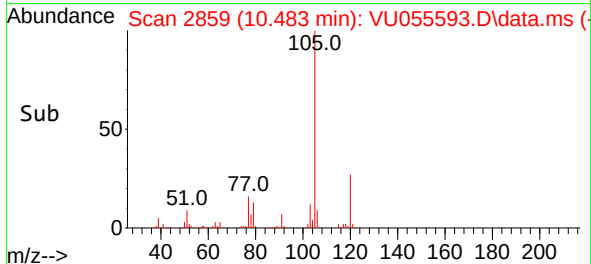
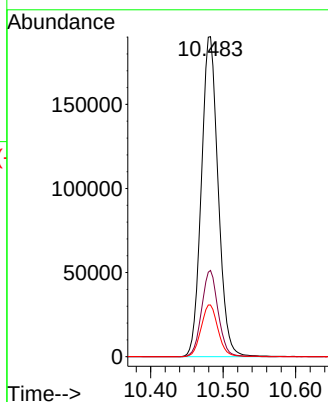
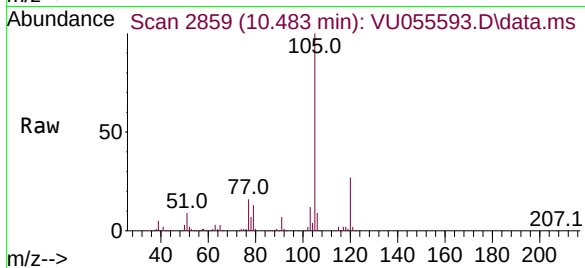
Tgt Ion:105 Resp: 306112

Ion Ratio Lower Upper

105 100

120 26.6 20.8 31.2

77 16.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.721 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

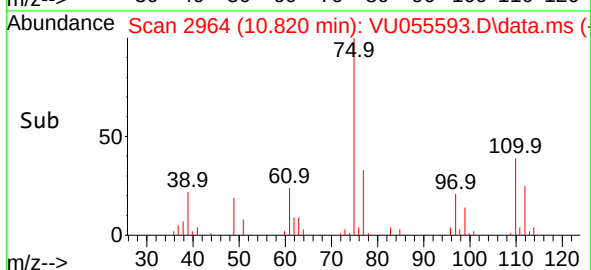
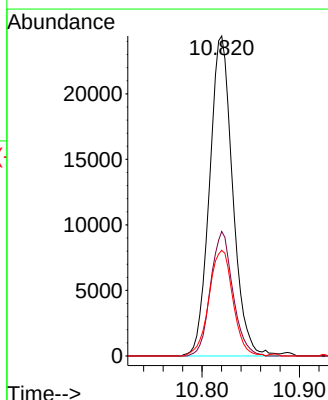
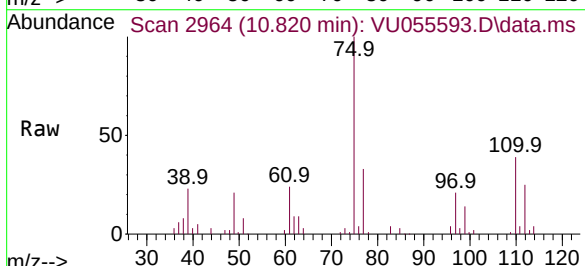
Tgt Ion: 75 Resp: 40283

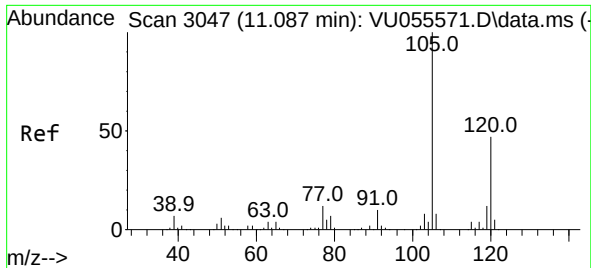
Ion Ratio Lower Upper

75 100

110 37.5 30.6 45.8

77 34.2 26.7 40.1

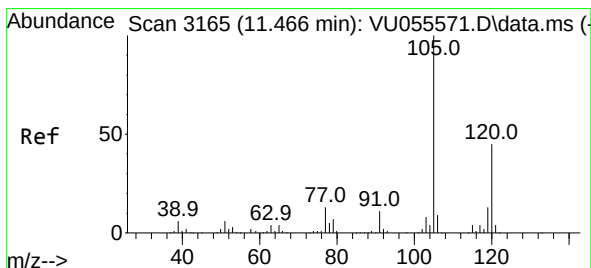
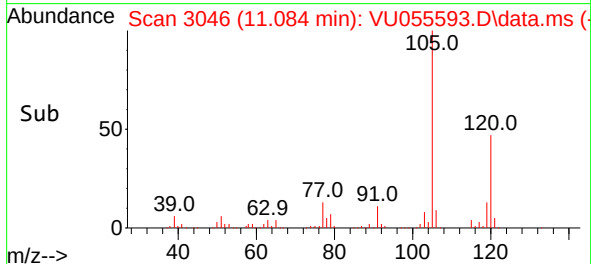
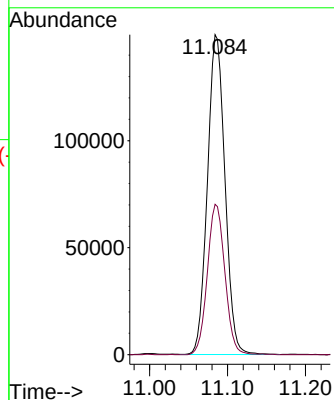
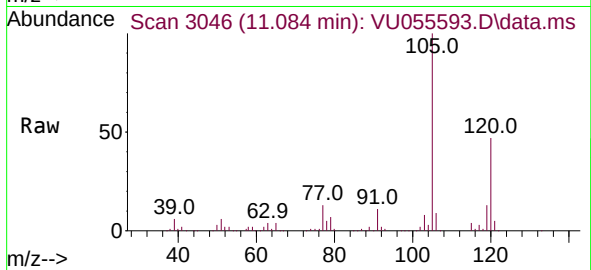




#62
 1,3,5-Trimethylbenzene
 Concen: 4.639 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

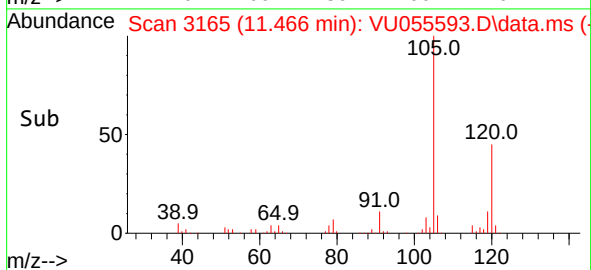
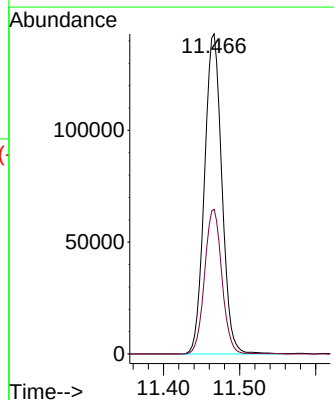
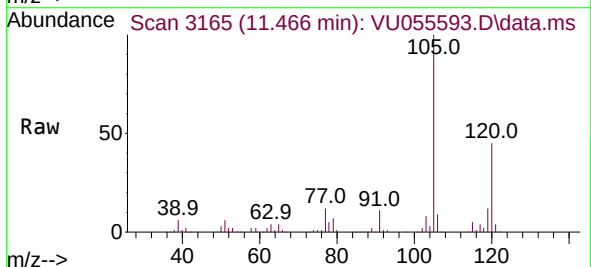
Instrument :
 MSVOA_U
 ClientSampleId :

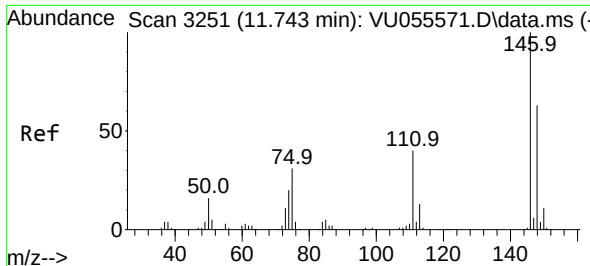
Tgt Ion:105 Resp: 233674
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.611 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU055593.D
 Acq: 28 Sep 2023 21:15

Tgt Ion:105 Resp: 227378
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.9 52.3

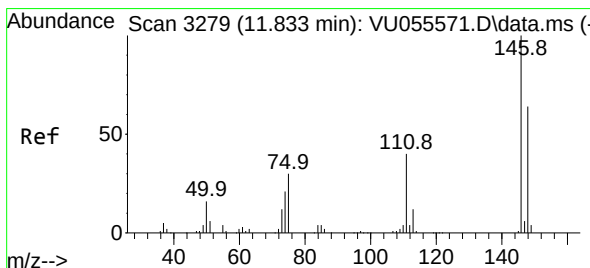
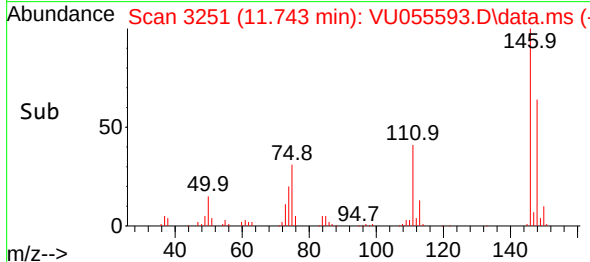
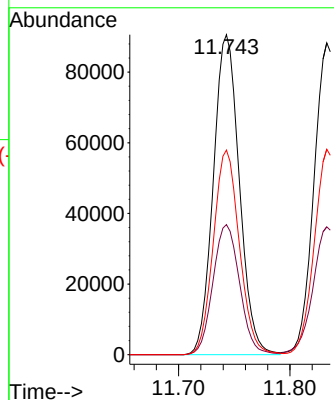
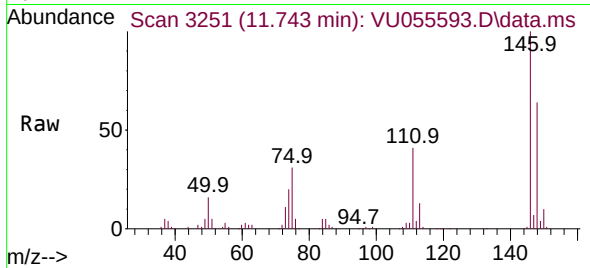




#64
1,3-Dichlorobenzene
Concen: 4.872 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

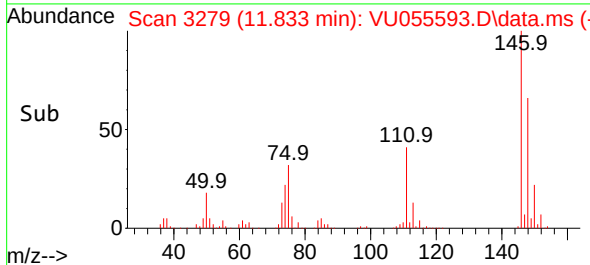
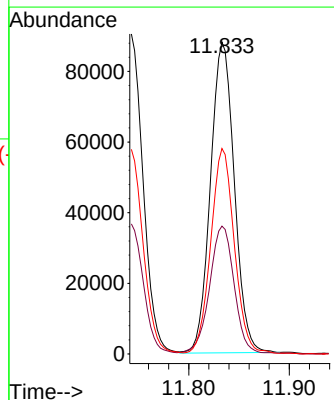
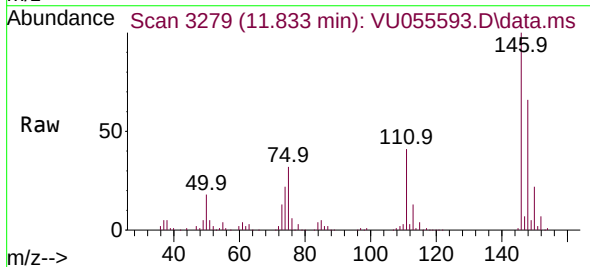
Instrument :
MSVOA_U
ClientSampleId :

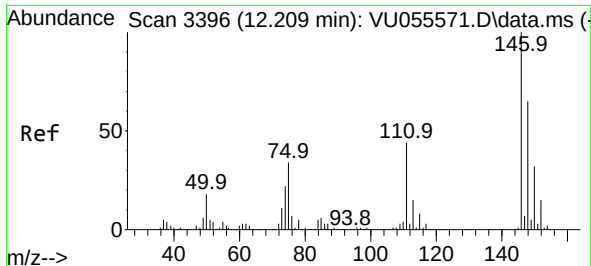
Tgt Ion:146 Resp: 146923
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.6
148 64.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.812 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055593.D
Acq: 28 Sep 2023 21:15

Tgt Ion:146 Resp: 145041
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 65.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 4.846 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

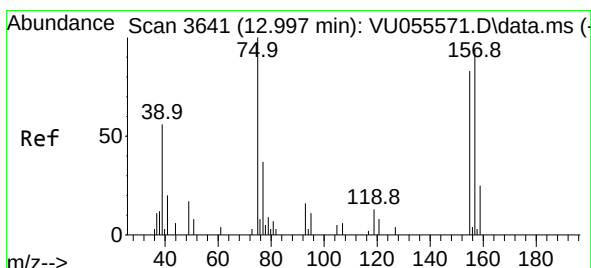
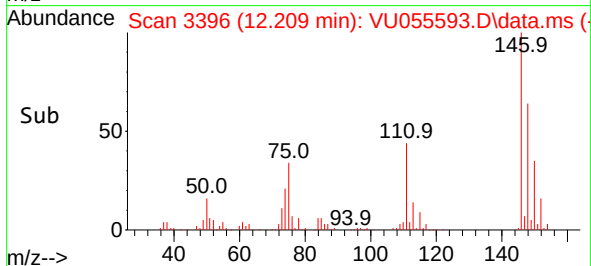
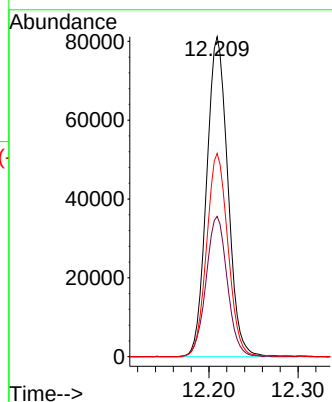
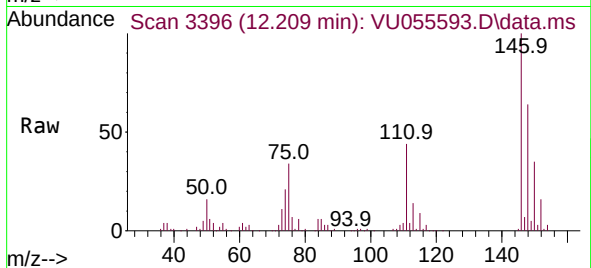
Tgt Ion:146 Resp: 133997

Ion Ratio Lower Upper

146 100

111 43.9 34.6 52.0

148 63.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.173 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.004 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

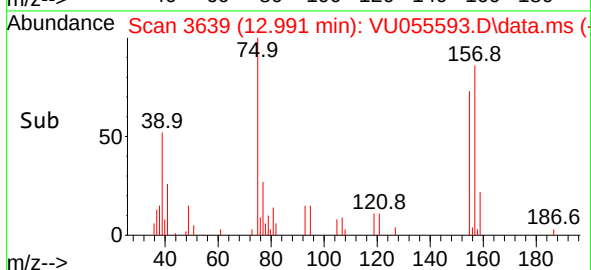
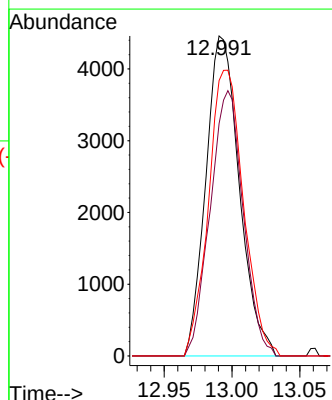
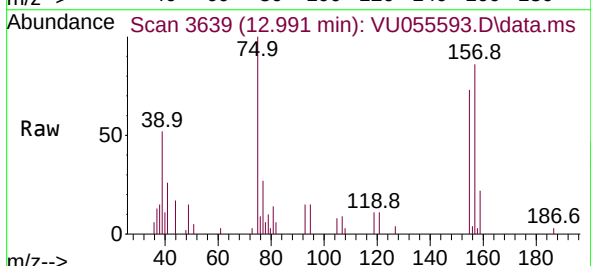
Tgt Ion: 75 Resp: 7650

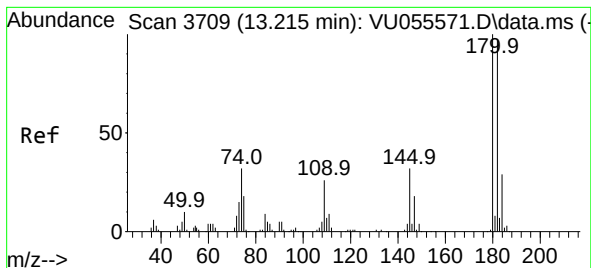
Ion Ratio Lower Upper

75 100

155 72.6 69.2 103.8

157 86.1 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 4.630 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 96169

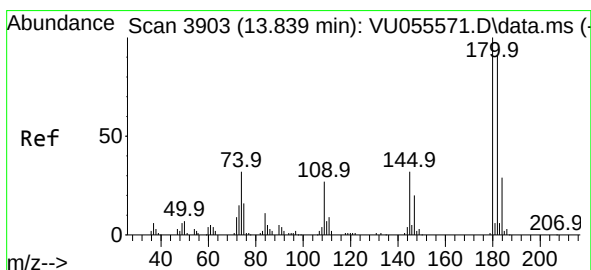
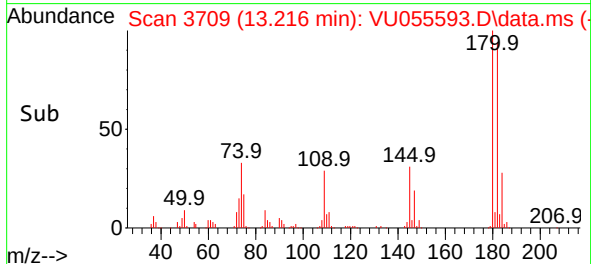
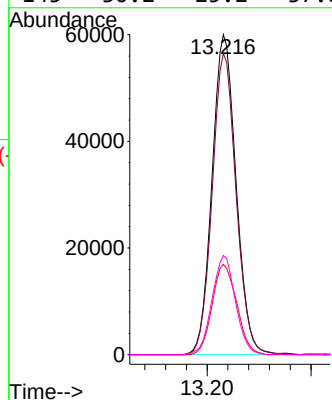
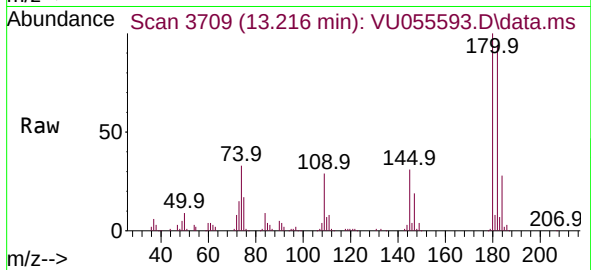
Ion Ratio Lower Upper

180 100

182 93.6 77.1 115.7

184 28.8 24.0 36.0

145 30.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.319 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

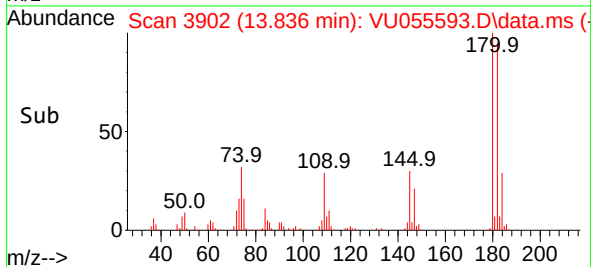
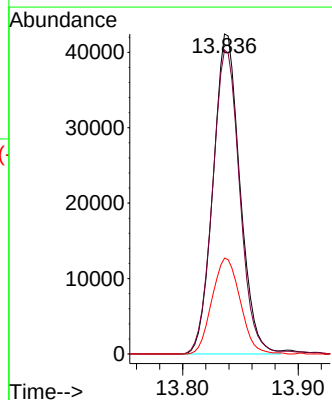
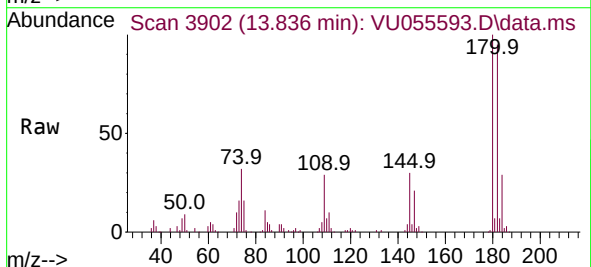
Tgt Ion:180 Resp: 68384

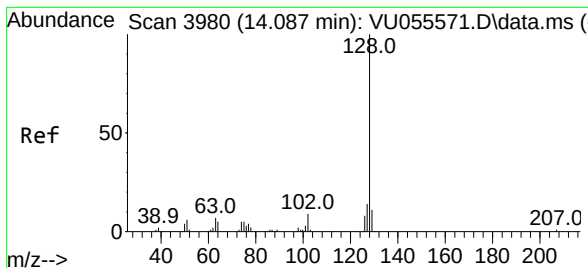
Ion Ratio Lower Upper

180 100

182 97.1 76.4 114.6

145 31.5 25.4 38.0





#71

Naphthalene

Concen: 3.945 ug/L

RT: 14.084 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VU055593.D

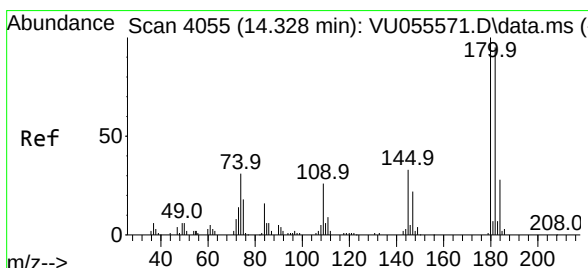
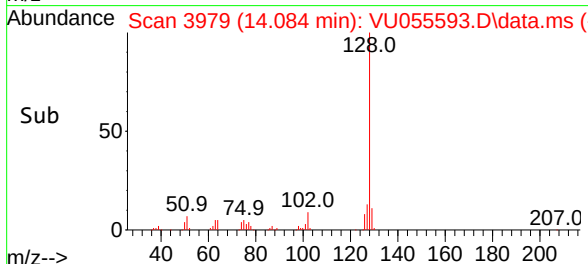
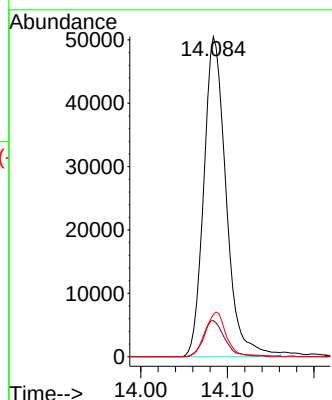
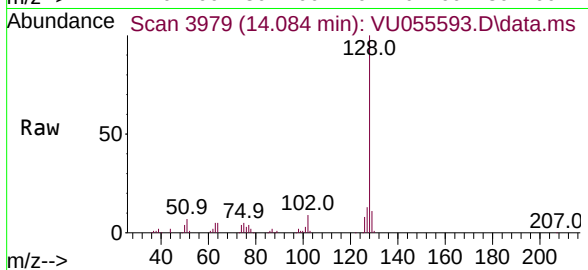
Acq: 28 Sep 2023 21:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	90423
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.5 12.7
127	13.1	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.371 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055593.D

Acq: 28 Sep 2023 21:15

Tgt Ion:180	Resp:	60219
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.2 114.4
145	32.7	26.0 39.0

