

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059314.D
 Acq On : 18 Jun 2024 15:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 04:41:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:23:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191587	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104166	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52373	45.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.320%
7) Chloroethane-d5	1.908	69	49242	50.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.220%
11) 1,1-Dichloroethene-d2	2.563	63	103982	45.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.840%
21) 2-Butanone-d5	4.612	46	87855	81.255	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.250%
24) Chloroform-d	5.055	84	111101	48.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
26) 1,2-Dichloroethane-d4	5.695	65	66195	47.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
32) Benzene-d6	5.721	84	215199	48.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
36) 1,2-Dichloropropane-d6	6.682	67	67167	43.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	7.891	98	197836	52.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
43) trans-1,3-Dichloroprop...	8.174	79	28293	45.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.940%
47) 2-Hexanone-d5	8.627	63	57950	81.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	106407	40.848	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.700%
66) 1,2-Dichlorobenzene-d4	12.187	152	74884	48.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	87102	44.870	ug/L	99
3) Chloromethane	1.518	50	94920	42.309	ug/L	98
5) Vinyl chloride	1.599	62	103074	46.756	ug/L	99
6) Bromomethane	1.850	94	65968	37.404	ug/L	98
8) Chloroethane	1.927	64	64668	47.041	ug/L	99
9) Trichlorofluoromethane	2.133	101	127266	49.610	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	77529	51.944	ug/L	92
12) 1,1-Dichloroethene	2.573	96	71149	52.557	ug/L	85
13) Acetone	2.615	43	86753	68.262	ug/L	100
14) Carbon disulfide	2.785	76	207069	45.418	ug/L	99
15) Methyl Acetate	2.940	43	95181	47.281	ug/L	97
16) Methylene chloride	3.036	84	89514	48.869	ug/L	90
17) trans-1,2-Dichloroethene	3.345	96	75406	51.608	ug/L	90
18) Methyl tert-butyl Ether	3.354	73	229678	48.392	ug/L	96
19) 1,1-Dichloroethane	3.859	63	147643	47.141	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	86063	51.689	ug/L	87
22) 2-Butanone	4.692	43	136481	88.703	ug/L	96
23) Bromochloromethane	4.965	128	48008	56.923	ug/L	83
25) Chloroform	5.081	83	155084	51.139	ug/L	97

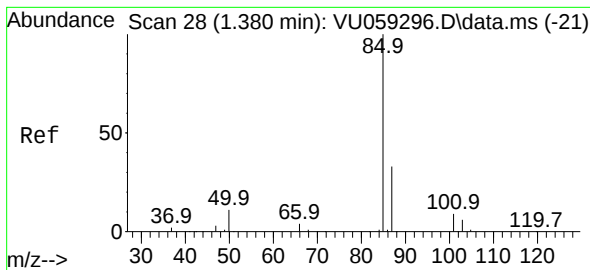
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	120596	47.073	ug/L #	94
29) Cyclohexane	5.380	56	109383	42.124	ug/L	92
30) 1,1,1-Trichloroethane	5.309	97	123265	48.743	ug/L	98
31) Carbon tetrachloride	5.518	117	101947	49.631	ug/L	99
33) Benzene	5.766	78	339201	48.297	ug/L	100
34) Trichloroethene	6.538	95	87731	51.015	ug/L	89
35) Methylcyclohexane	6.759	83	120516	47.663	ug/L	95
37) 1,2-Dichloropropane	6.785	63	91511	45.886	ug/L	99
38) Bromodichloromethane	7.100	83	113357	48.797	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	125571	45.508	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	246418	94.249	ug/L #	96
42) Toluene	7.965	91	367674	52.154	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	114104	45.677	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	91633	51.103	ug/L	99
46) Tetrachloroethene	8.547	164	67290	58.745	ug/L	93
48) 2-Hexanone	8.676	43	203358	92.222	ug/L #	98
49) Dibromochloromethane	8.804	129	87636	54.080	ug/L	100
50) 1,2-Dibromoethane	8.917	107	95344	51.547	ug/L	98
51) Chlorobenzene	9.441	112	226800	53.303	ug/L	96
52) Ethylbenzene	9.566	91	374146	51.479	ug/L	98
53) m,p-Xylene	9.689	106	143842	53.851	ug/L	96
54) o-Xylene	10.097	106	140130	54.132	ug/L	94
55) Styrene	10.110	104	247675	56.287	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	156581	47.937	ug/L	97
59) Bromoform	10.287	173	70447	51.580	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	125193	43.219	ug/L	99
61) Isopropylbenzene	10.480	105	362951	49.527	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	257554	48.506	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	283925	49.328	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	178786	52.199	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	182109	51.482	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	178983	49.997	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	34221	46.599	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	119579	52.864	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	99362	54.997	ug/L	99
71) Naphthalene	14.084	128	348271	60.901	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	107105	58.312	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 44.870 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

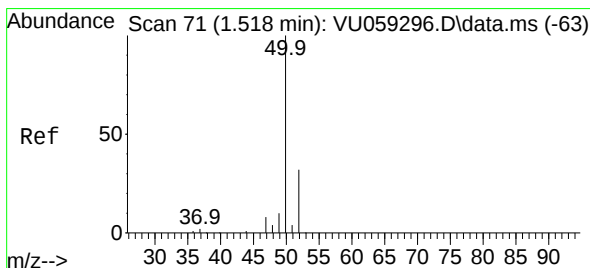
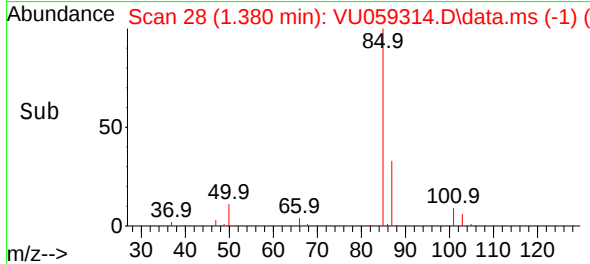
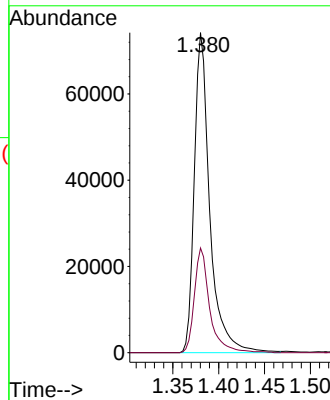
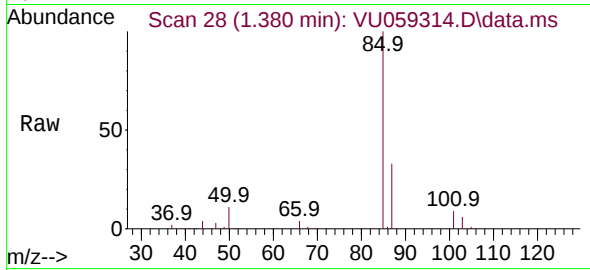
ClientSampleId :

Tgt Ion: 85 Resp: 87102

Ion Ratio Lower Upper

85 100

87 32.2 25.4 38.2



#3

Chloromethane

Concen: 42.309 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU059314.D

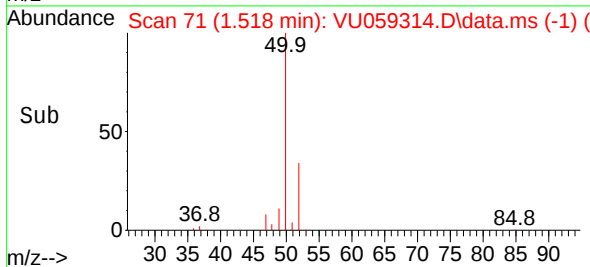
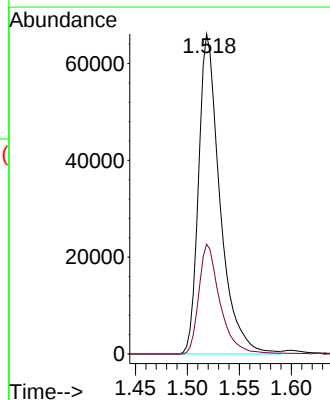
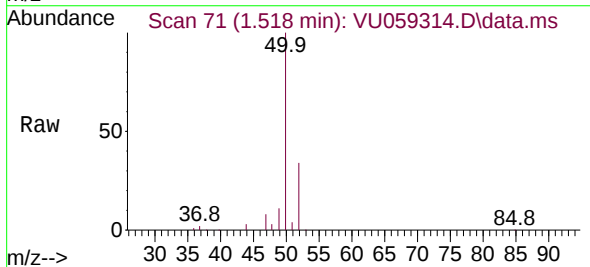
Acq: 18 Jun 2024 15:58

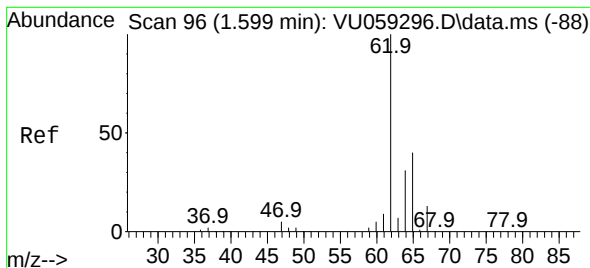
Tgt Ion: 50 Resp: 94920

Ion Ratio Lower Upper

50 100

52 34.3 23.2 43.2





#5

Vinyl chloride

Concen: 46.756 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

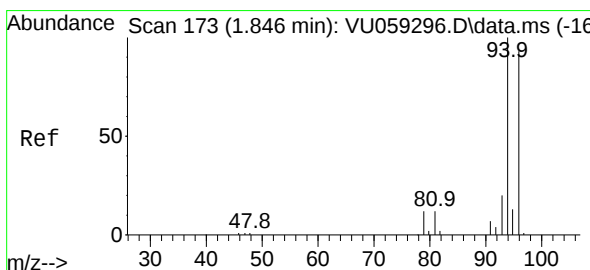
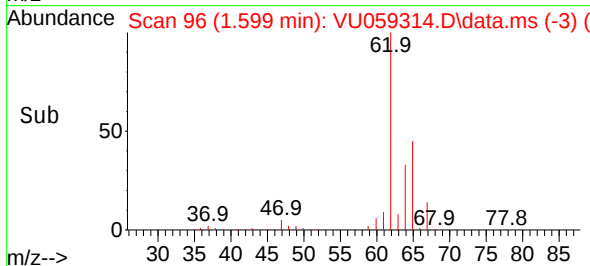
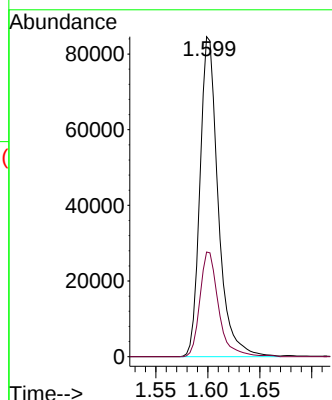
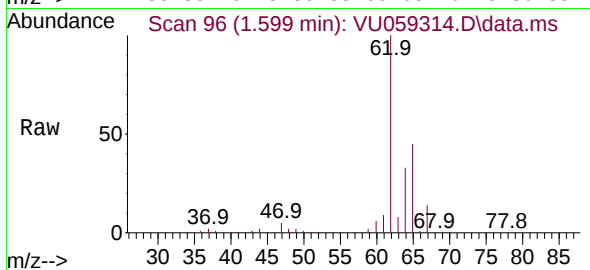
ClientSampleId :

Tgt Ion: 62 Resp: 103074

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 37.404 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU059314.D

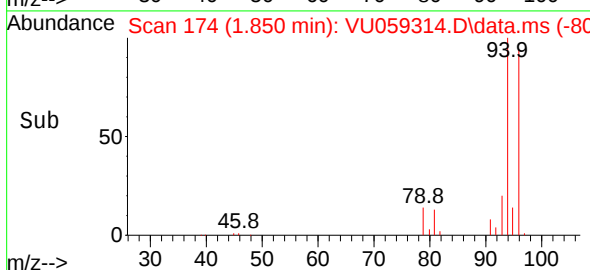
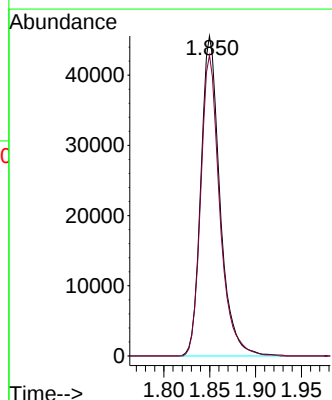
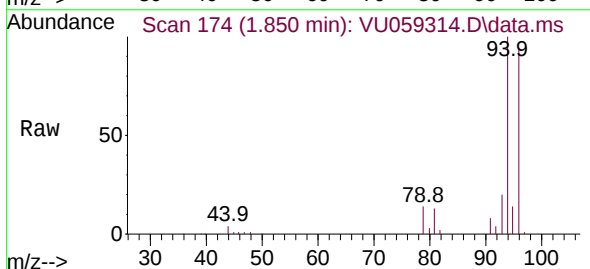
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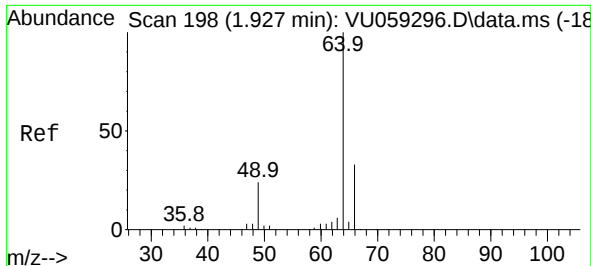
Tgt Ion: 94 Resp: 65968

Ion Ratio Lower Upper

94 100

96 94.0 67.1 124.7

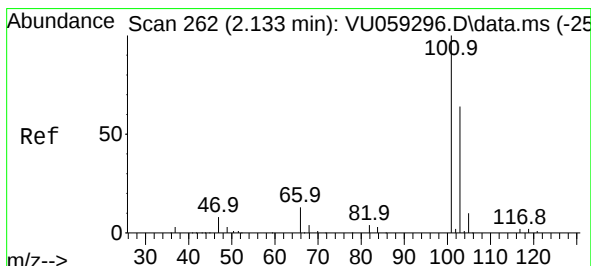
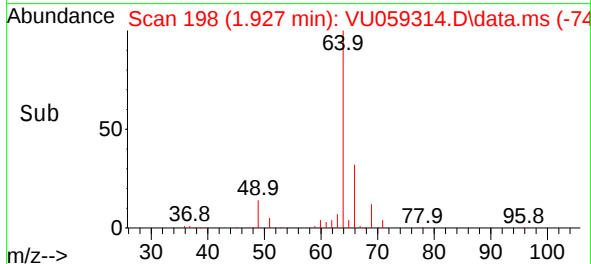
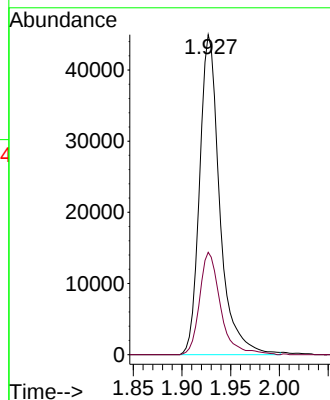
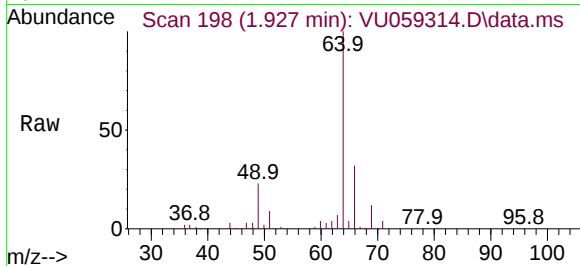




#8
Chloroethane
Concen: 47.041 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

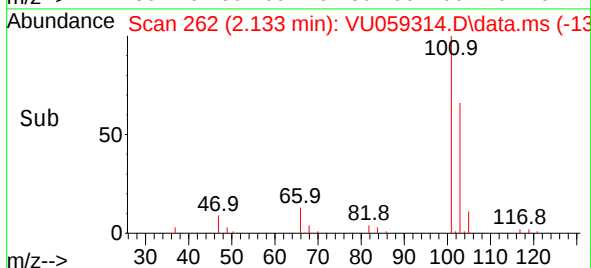
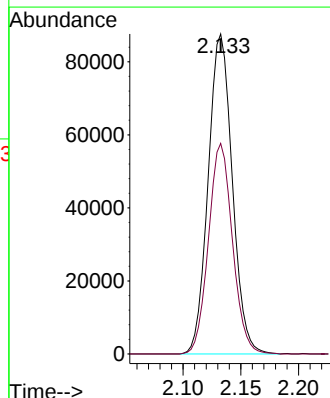
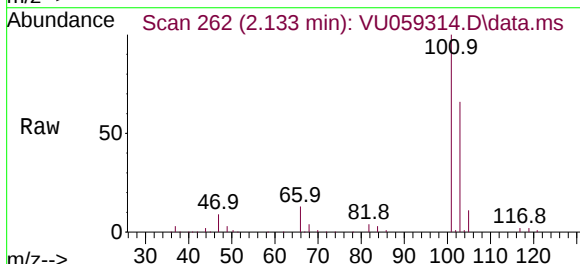
Instrument :
MSVOA_U
ClientSampleId :

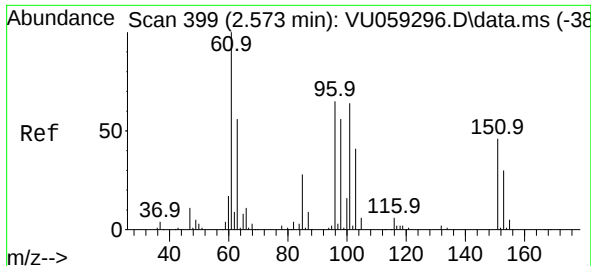
Tgt Ion: 64 Resp: 64668
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 49.610 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:101 Resp: 127266
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

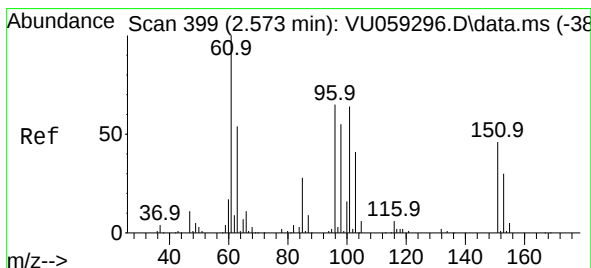
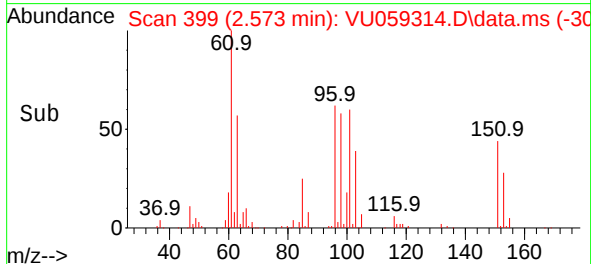
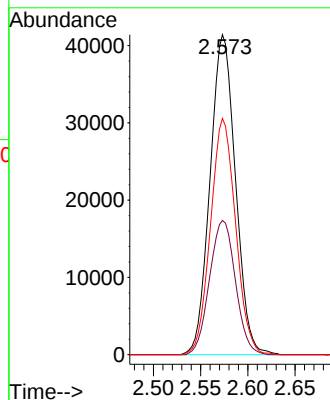
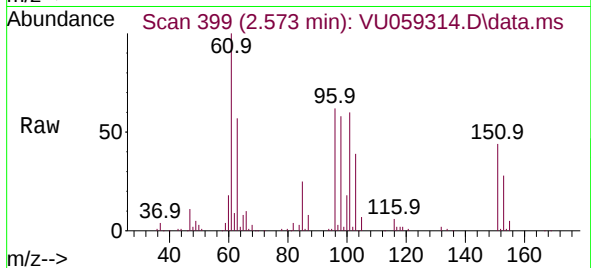




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.944 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

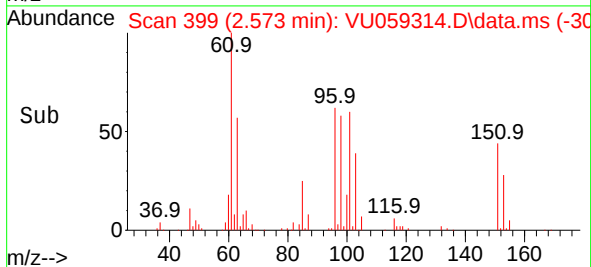
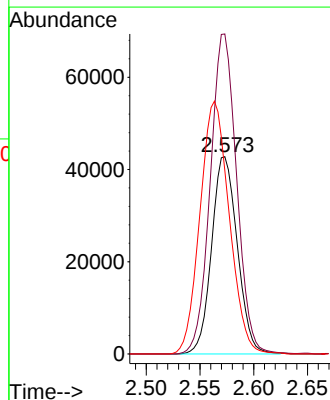
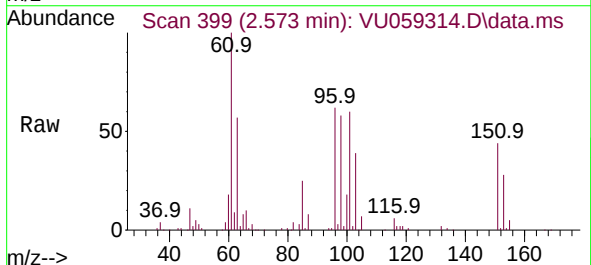
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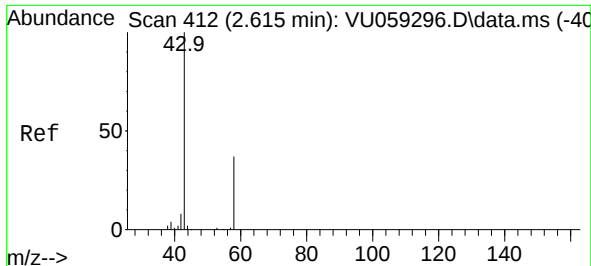
Tgt Ion:101 Resp: 77529
Ion Ratio Lower Upper
101 100
85 42.6 36.7 55.1
151 72.9 52.2 78.2



#12
1,1-Dichloroethene
Concen: 52.557 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 96 Resp: 71149
Ion Ratio Lower Upper
96 100
61 162.2 126.3 234.6
63 93.0 78.7 146.1





#13

Acetone

Concen: 68.262 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

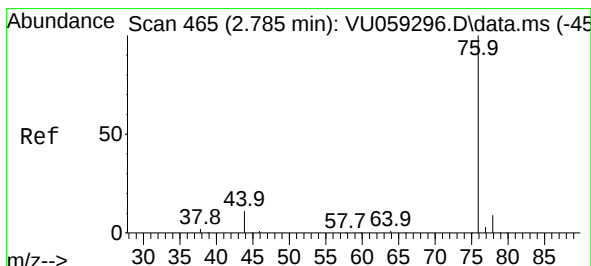
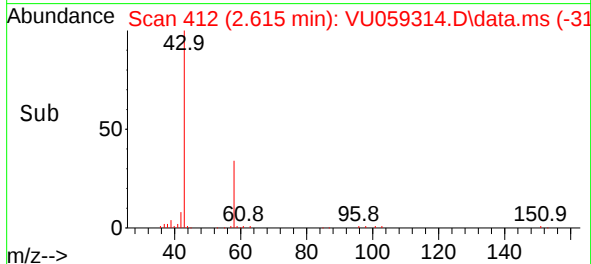
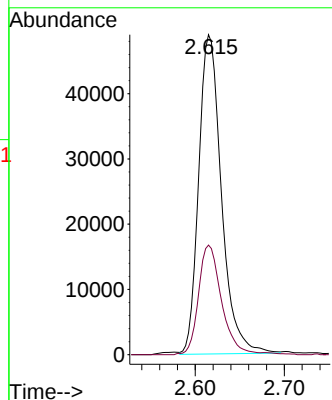
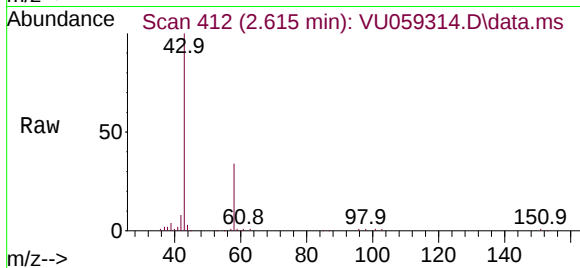
ClientSampleId :

Tgt Ion: 43 Resp: 86753

Ion Ratio Lower Upper

43 100

58 34.6 0.0 68.8



#14

Carbon disulfide

Concen: 45.418 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU059314.D

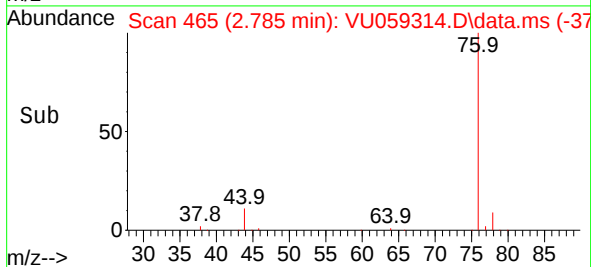
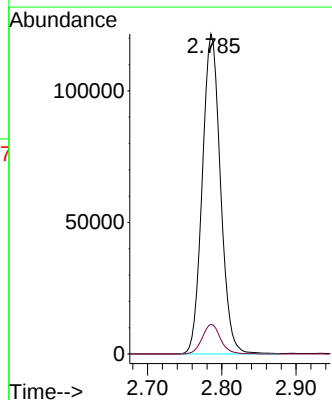
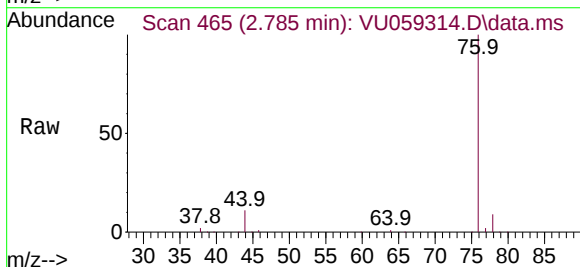
Acq: 18 Jun 2024 15:58

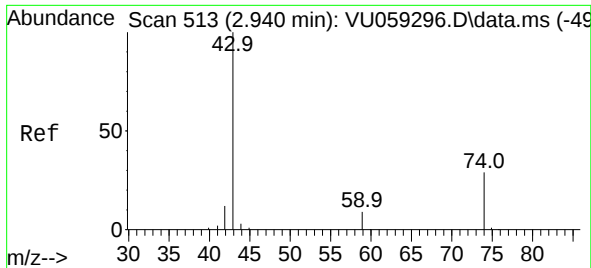
Tgt Ion: 76 Resp: 207069

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

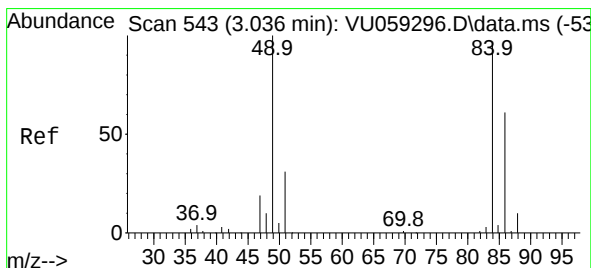
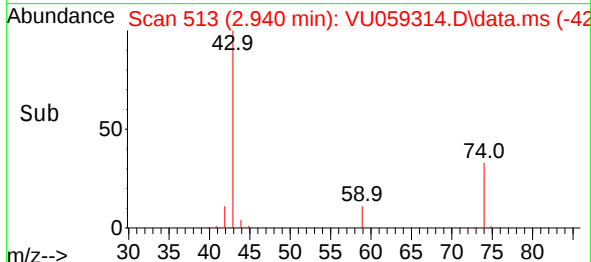
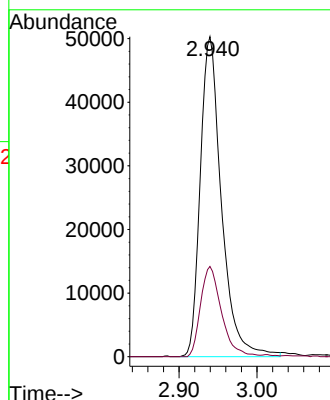
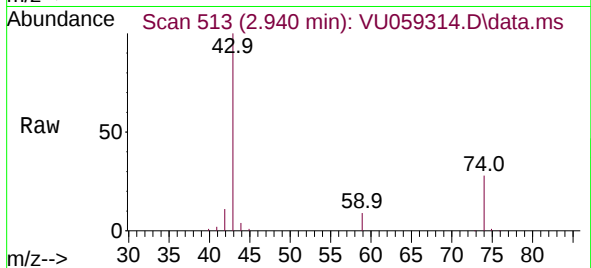




#15
Methyl Acetate
Concen: 47.281 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

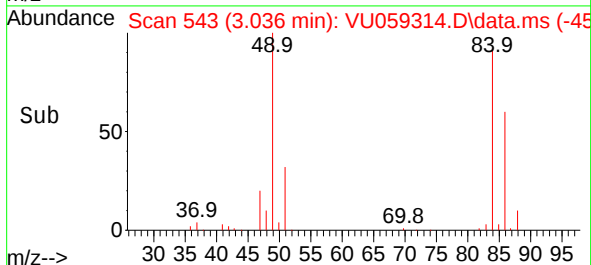
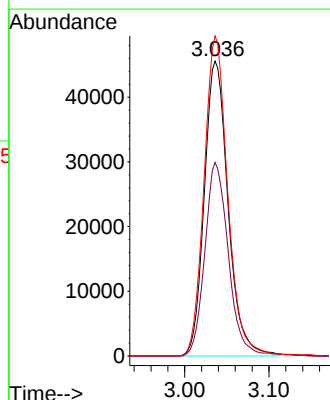
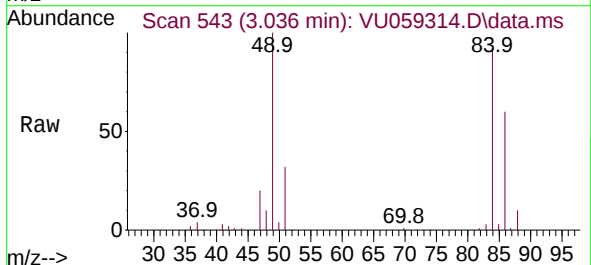
Instrument :
MSVOA_U
ClientSampleId :

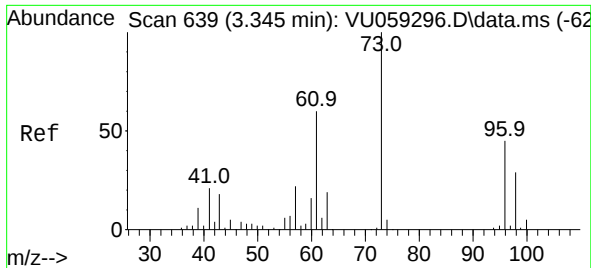
Tgt Ion: 43 Resp: 95181
Ion Ratio Lower Upper
43 100
74 27.5 20.8 31.2



#16
Methylene chloride
Concen: 48.869 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 84 Resp: 89514
Ion Ratio Lower Upper
84 100
86 65.6 44.9 83.3
49 108.5 87.5 162.5

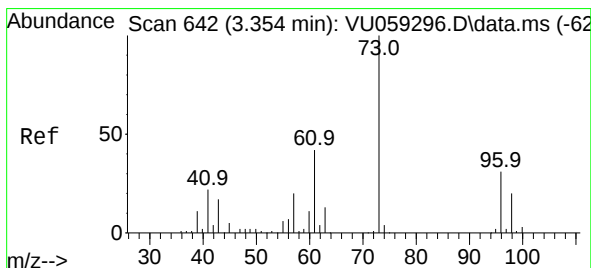
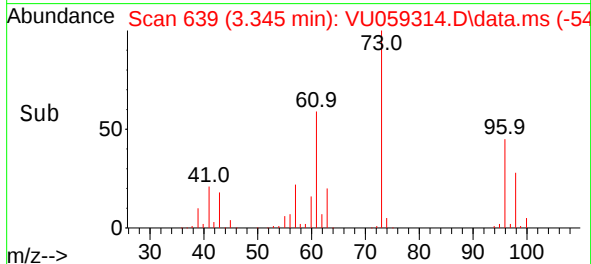
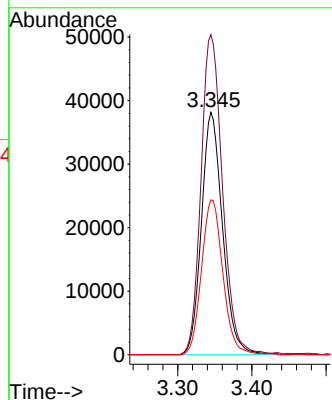
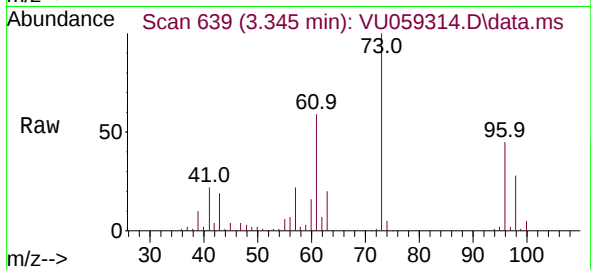




#17
trans-1,2-Dichloroethene
Concen: 51.608 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

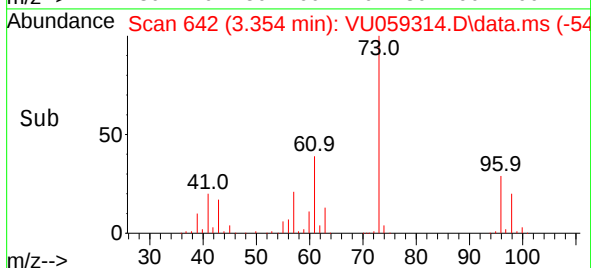
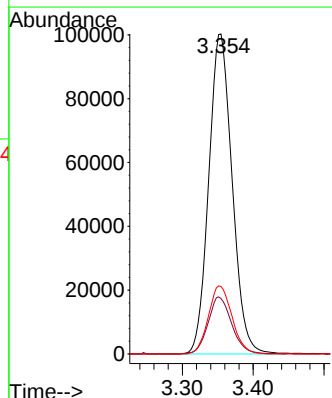
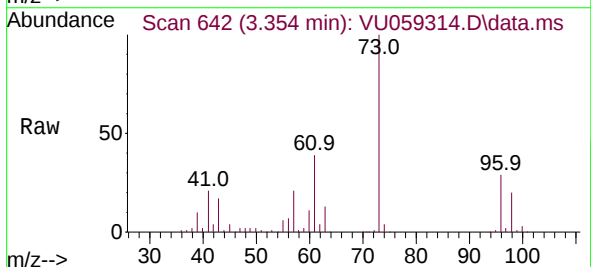
Instrument :
MSVOA_U
ClientSampleId :

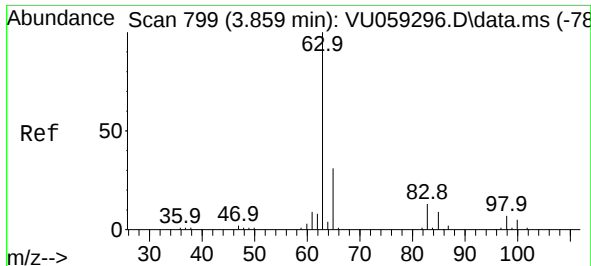
Tgt Ion: 96 Resp: 75406
Ion Ratio Lower Upper
96 100
61 132.0 103.5 192.3
98 63.9 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 48.392 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

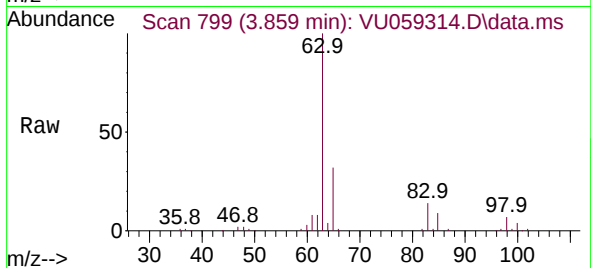
Tgt Ion: 73 Resp: 229678
Ion Ratio Lower Upper
73 100
43 17.8 15.6 23.4
57 21.5 18.6 28.0



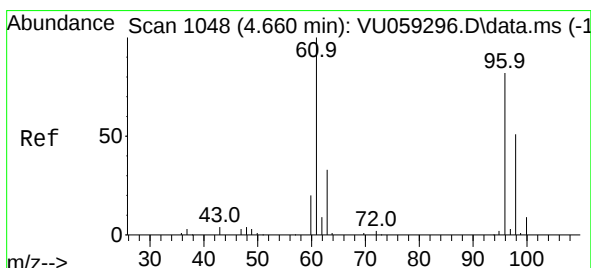
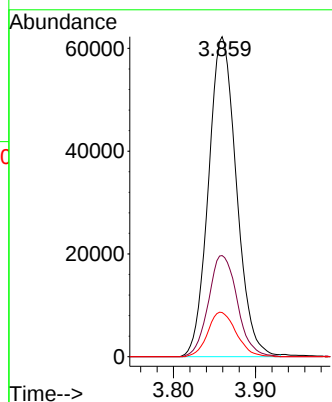
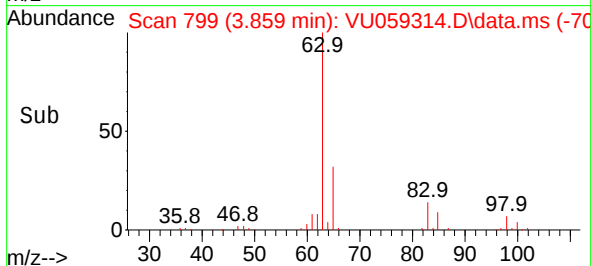


#19
1,1-Dichloroethane
Concen: 47.141 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :

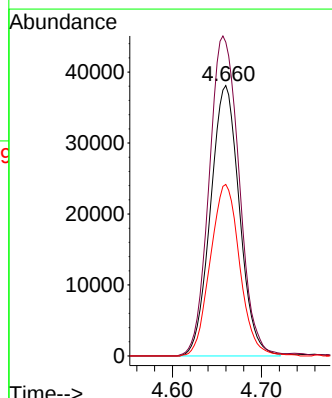
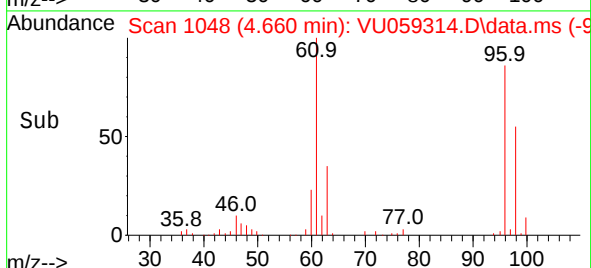
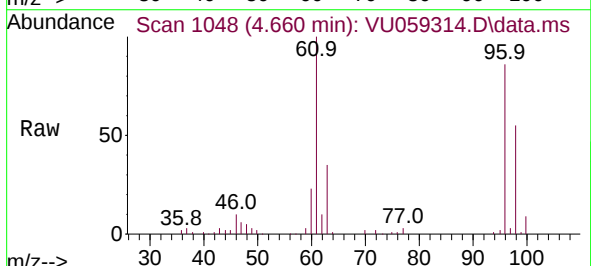


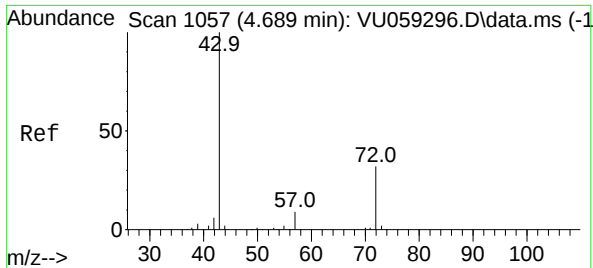
Tgt Ion: 63 Resp: 147643
Ion Ratio Lower Upper
63 100
65 31.6 21.3 39.5
83 13.8 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 51.689 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 96 Resp: 86063
Ion Ratio Lower Upper
96 100
61 116.0 96.2 178.6
98 63.4 45.6 84.6

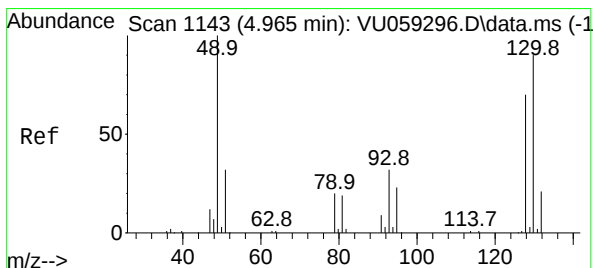
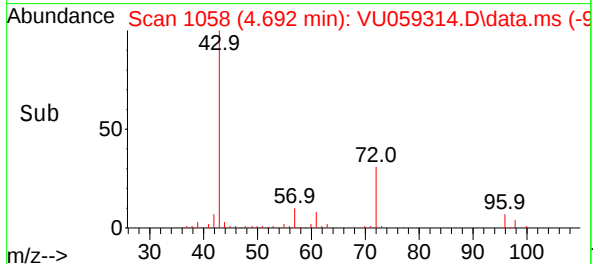
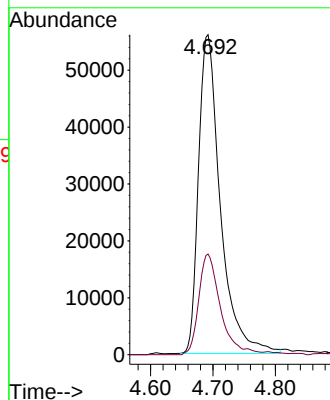
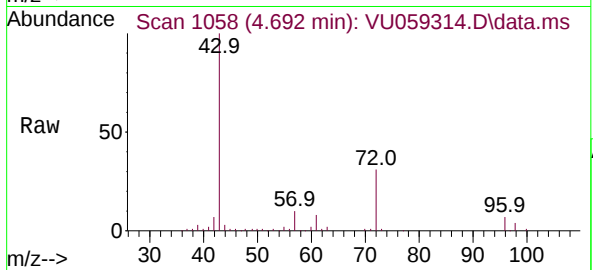




#22
2-Butanone
Concen: 88.703 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

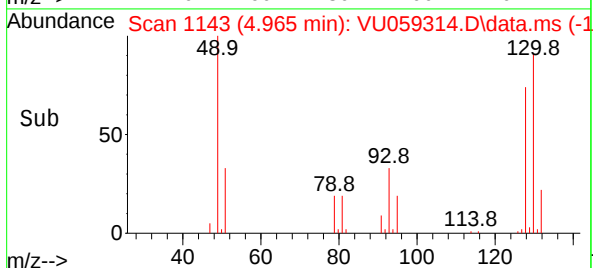
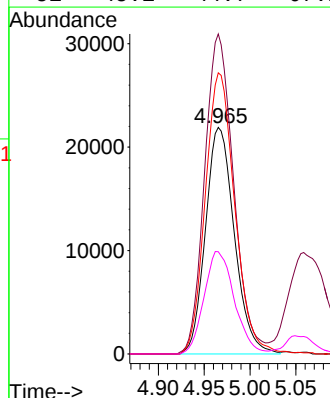
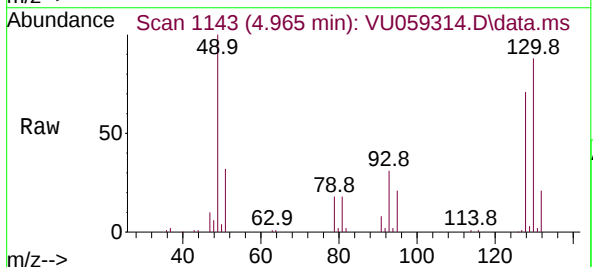
Instrument :
MSVOA_U
ClientSampleId :

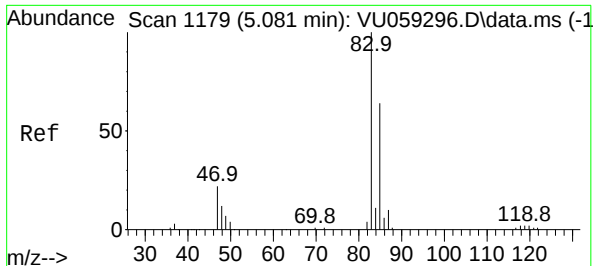
Tgt Ion: 43 Resp: 136481
Ion Ratio Lower Upper
43 100
72 30.4 14.2 42.8



#23
Bromochloromethane
Concen: 56.923 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:128 Resp: 48008
Ion Ratio Lower Upper
128 100
49 141.3 128.4 238.4
130 124.1 86.9 161.3
51 45.1 44.7 67.1

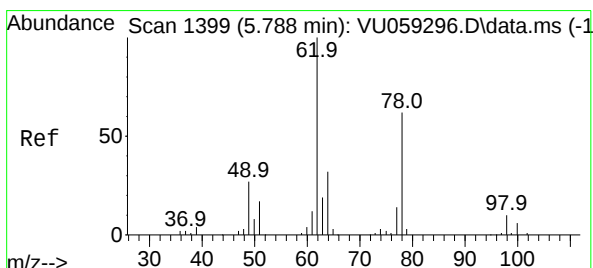
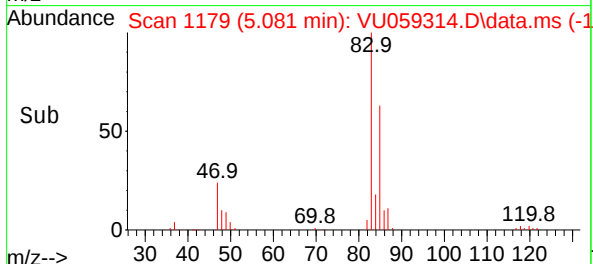
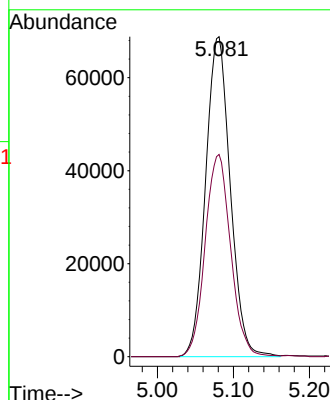
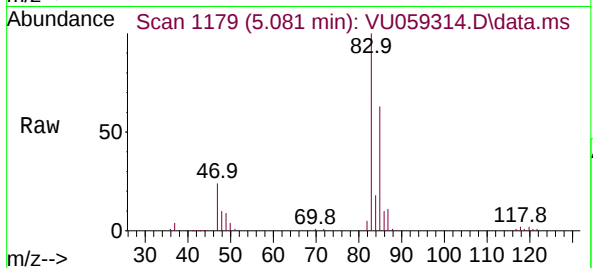




#25
Chloroform
Concen: 51.139 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

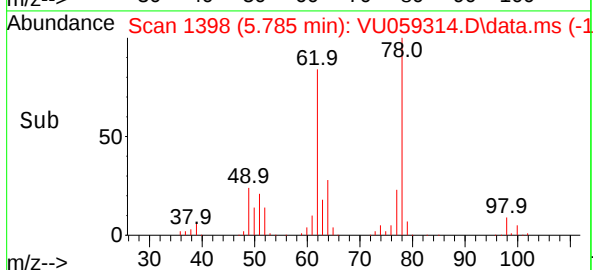
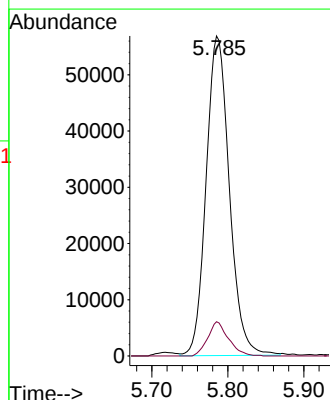
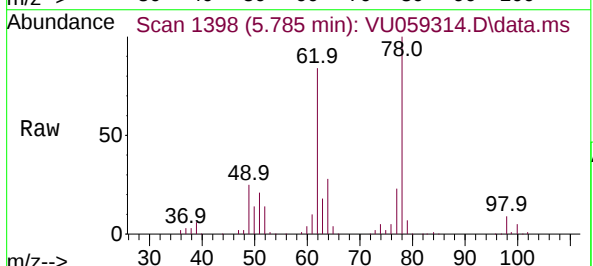
Instrument :
MSVOA_U
ClientSampleId :

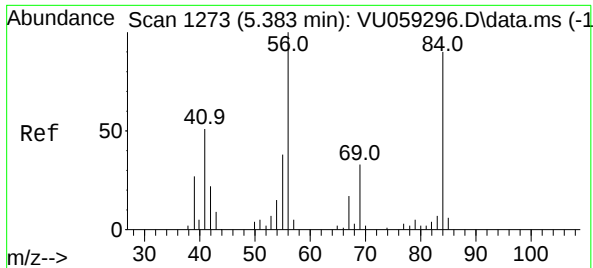
Tgt Ion: 83 Resp: 155084
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 47.073 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 62 Resp: 120596
Ion Ratio Lower Upper
62 100
98 10.7 6.9 10.3#

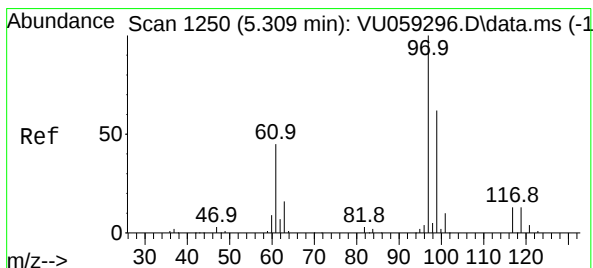
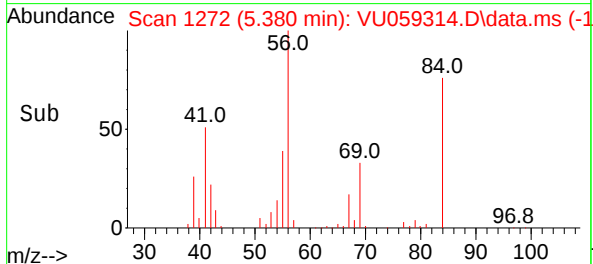
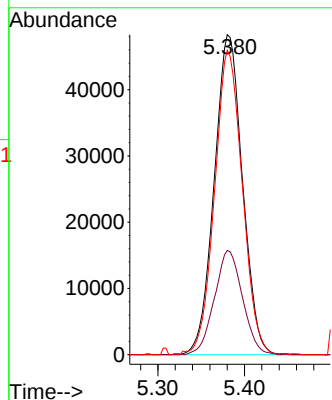
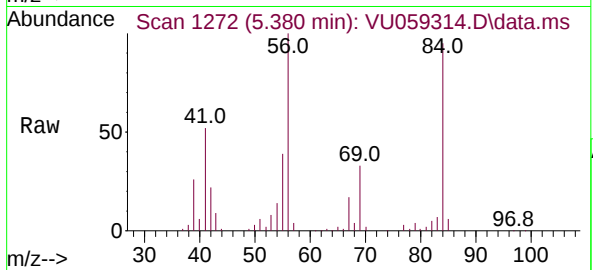




#29
Cyclohexane
Concen: 42.124 ug/L
RT: 5.380 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

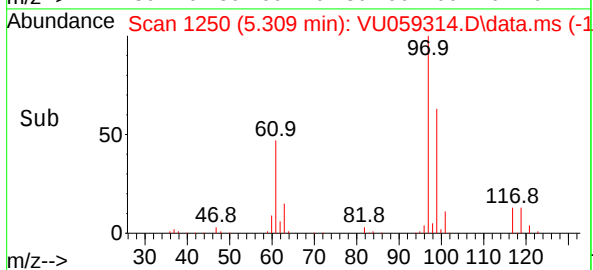
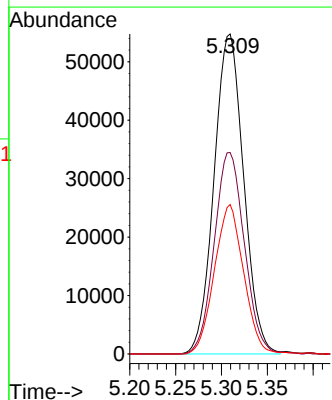
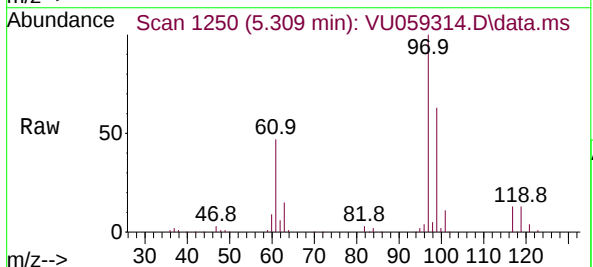
Instrument :
MSVOA_U
ClientSampleId :

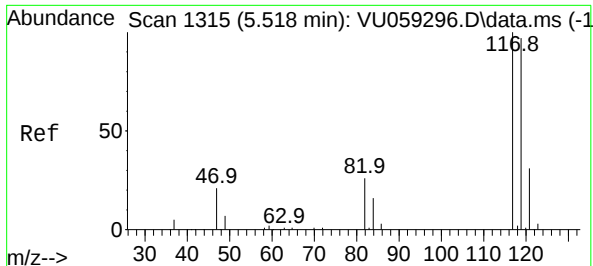
Tgt Ion: 56 Resp: 109383
Ion Ratio Lower Upper
56 100
69 32.4 24.6 37.0
84 93.2 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 48.743 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 97 Resp: 123265
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 46.1 39.1 58.7

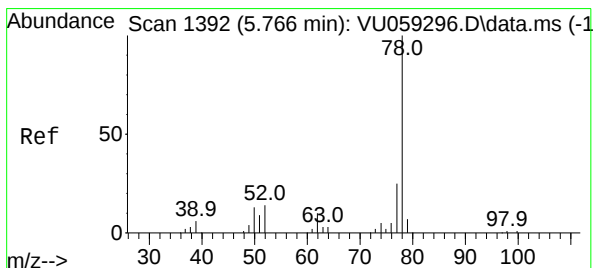
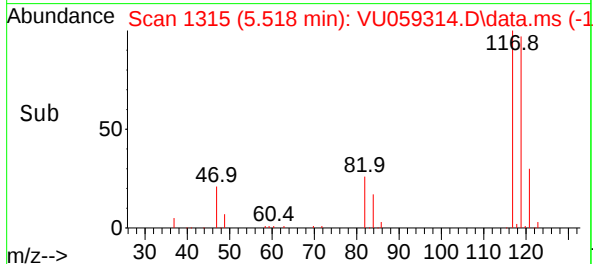
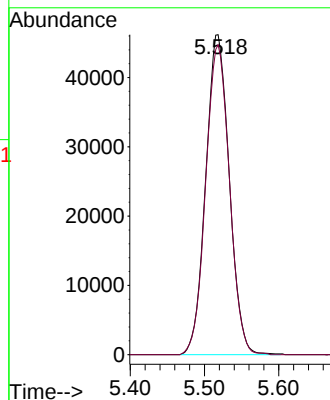
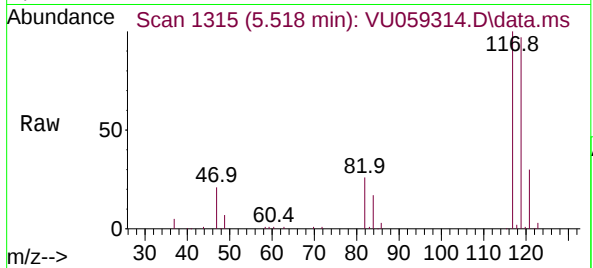




#31
Carbon tetrachloride
Concen: 49.631 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

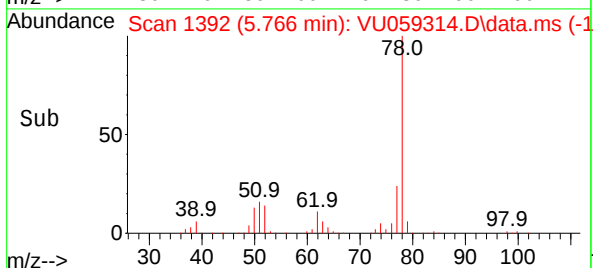
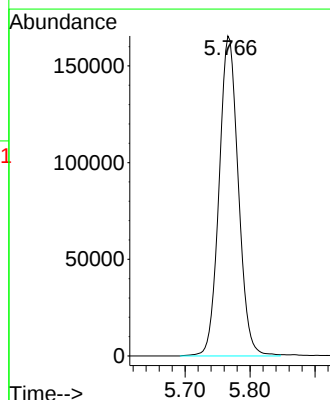
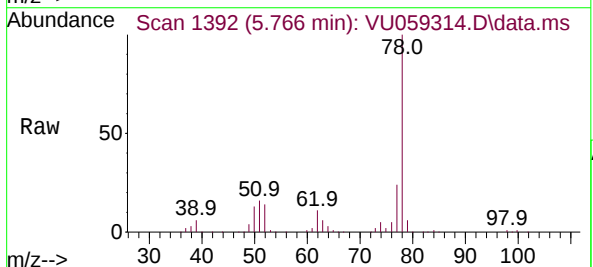
Instrument :
MSVOA_U
ClientSampleId :

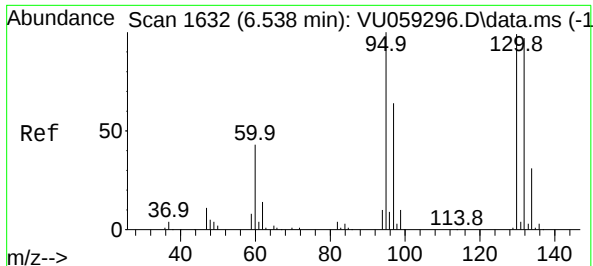
Tgt Ion:117 Resp: 101947
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3



#33
Benzene
Concen: 48.297 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

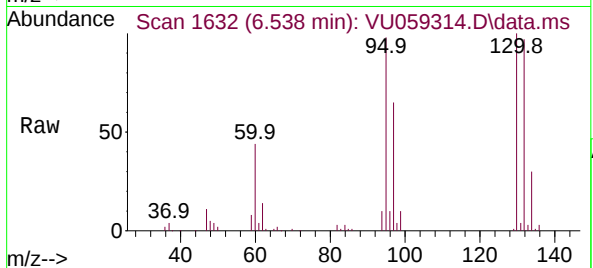
Tgt Ion: 78 Resp: 339201



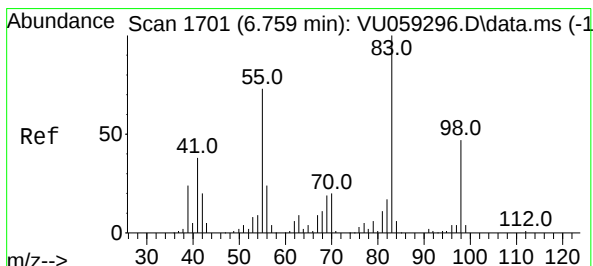
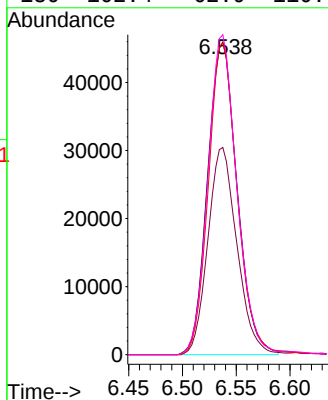
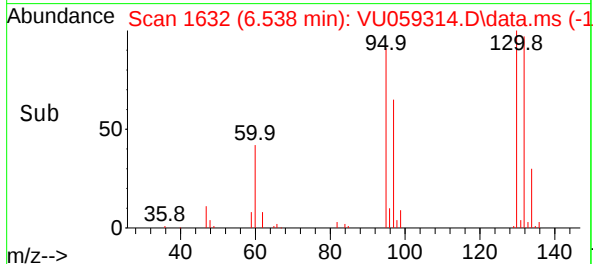


#34
Trichloroethene
Concen: 51.015 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

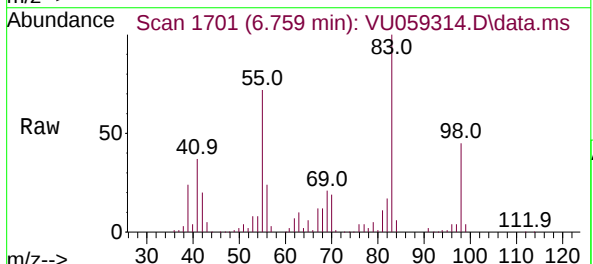
Instrument :
MSVOA_U
ClientSampleId :



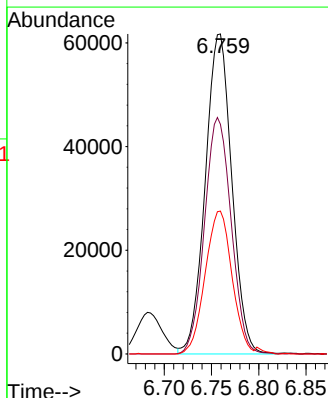
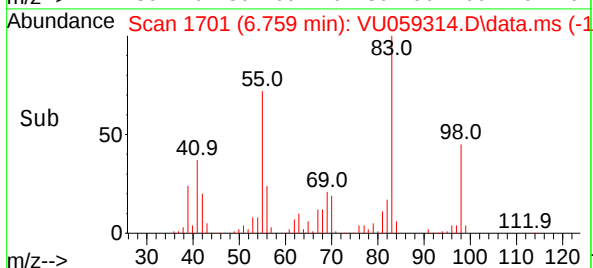
Tgt Ion: 95 Resp: 87731
Ion Ratio Lower Upper
95 100
97 66.3 45.2 84.0
132 99.8 60.6 112.6
130 102.4 62.9 116.7

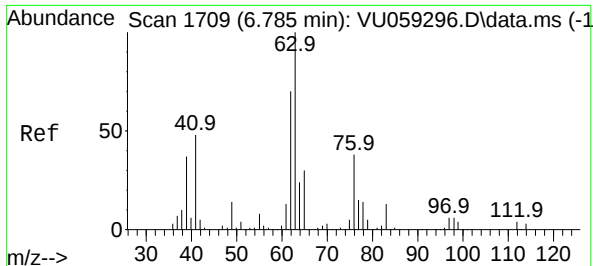


#35
Methylcyclohexane
Concen: 47.663 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58



Tgt Ion: 83 Resp: 120516
Ion Ratio Lower Upper
83 100
55 74.2 63.9 95.9
98 45.0 34.7 52.1

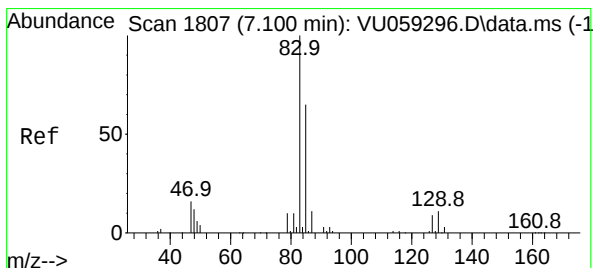
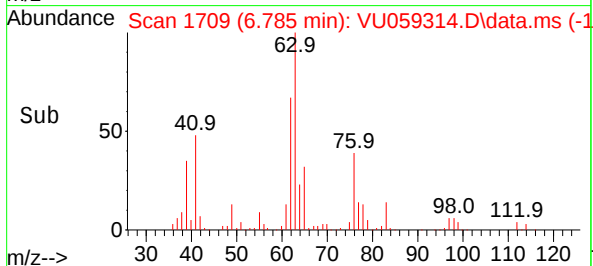
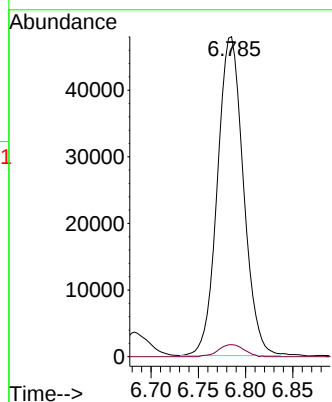
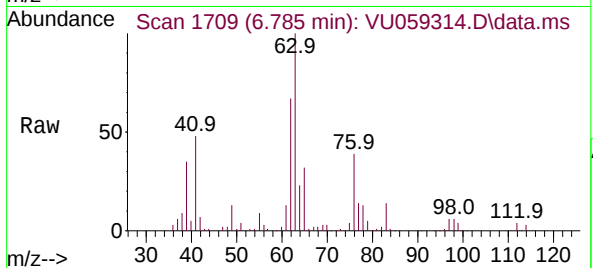




#37
1,2-Dichloropropane
Concen: 45.886 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

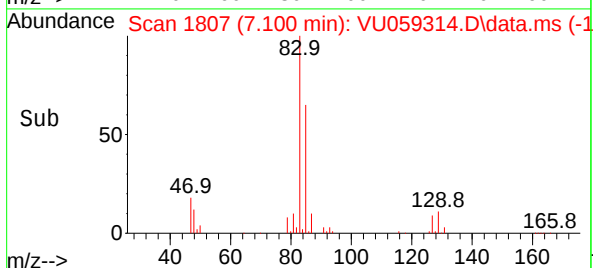
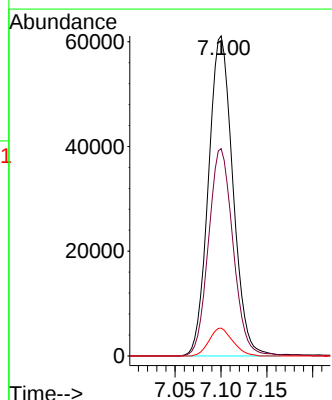
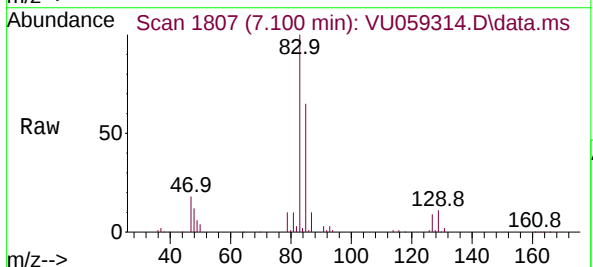
Instrument :
MSVOA_U
ClientSampleId :

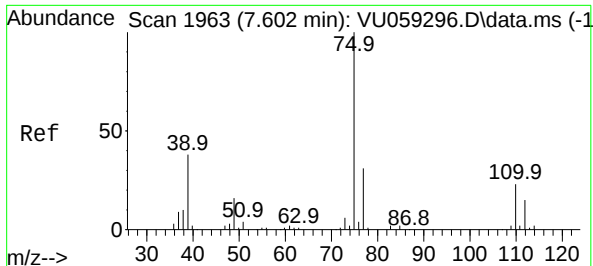
Tgt Ion: 63 Resp: 91511
Ion Ratio Lower Upper
63 100
112 3.7 2.6 4.0



#38
Bromodichloromethane
Concen: 48.797 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 83 Resp: 113357
Ion Ratio Lower Upper
83 100
85 64.8 44.0 81.6
127 8.7 7.0 10.6

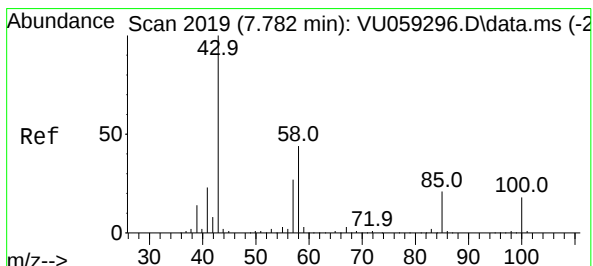
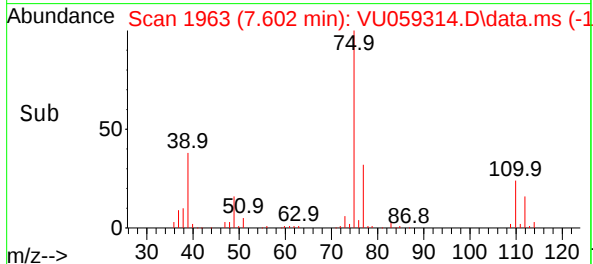
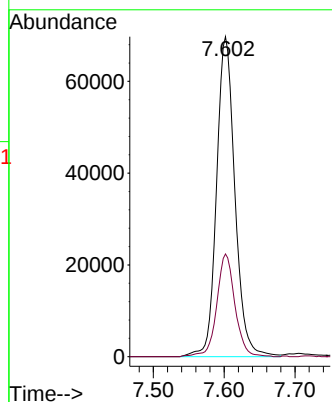
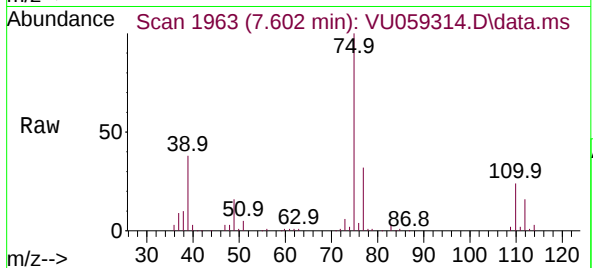




#39
 cis-1,3-Dichloropropene
 Concen: 45.508 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059314.D
 Acq: 18 Jun 2024 15:58

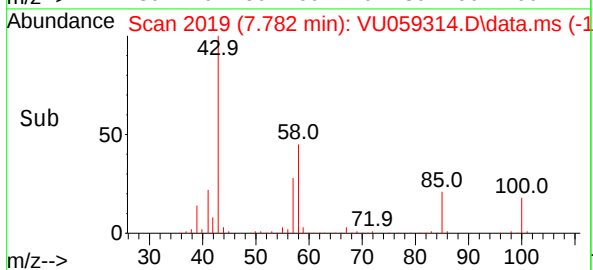
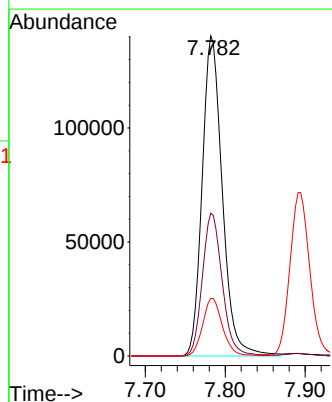
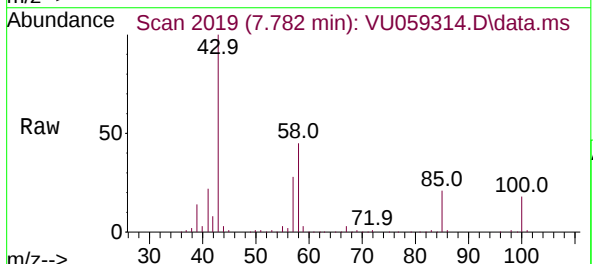
Instrument :
 MSVOA_U
 ClientSampleId :

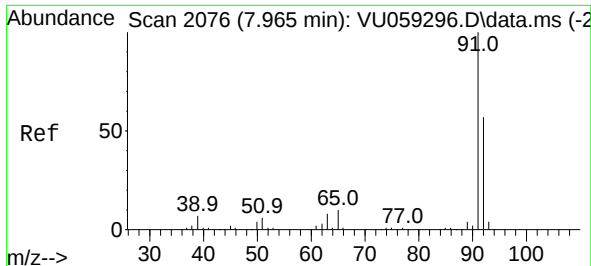
Tgt Ion: 75 Resp: 125571
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 94.249 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059314.D
 Acq: 18 Jun 2024 15:58

Tgt Ion: 43 Resp: 246418
 Ion Ratio Lower Upper
 43 100
 58 43.8 33.7 50.5
 100 17.7 11.4 17.0#





#42

Toluene

Concen: 52.154 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

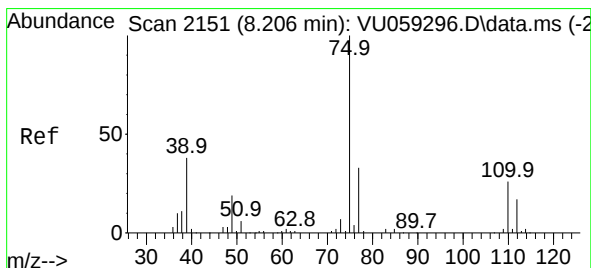
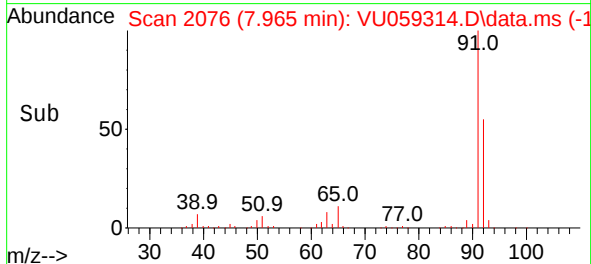
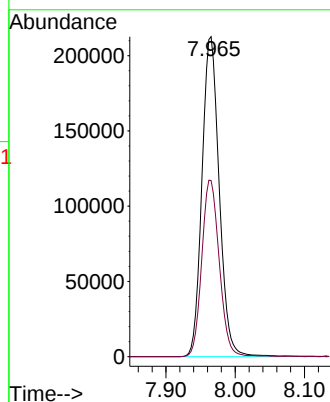
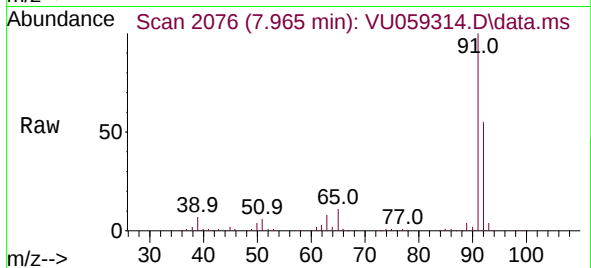
ClientSampleId :

Tgt Ion: 91 Resp: 367674

Ion Ratio Lower Upper

91 100

92 55.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 45.677 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059314.D

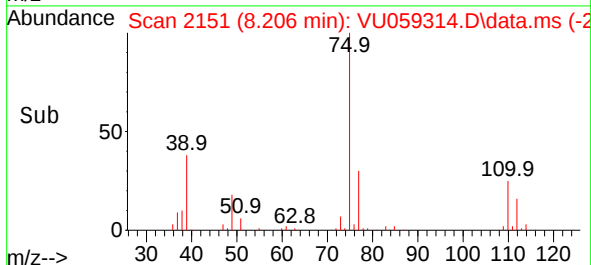
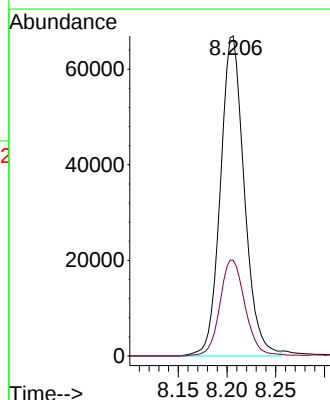
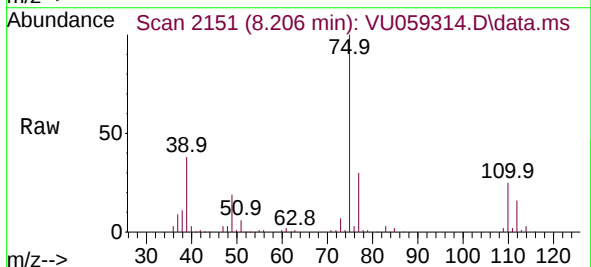
Acq: 18 Jun 2024 15:58

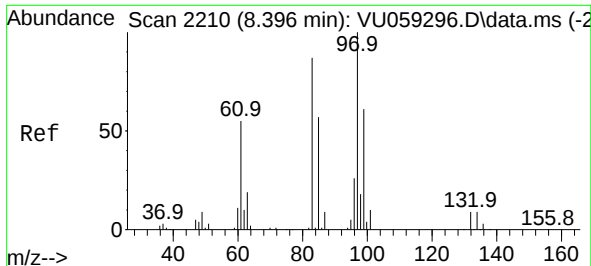
Tgt Ion: 75 Resp: 114104

Ion Ratio Lower Upper

75 100

77 29.9 22.0 40.8

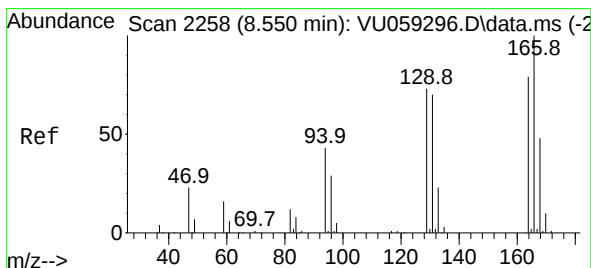
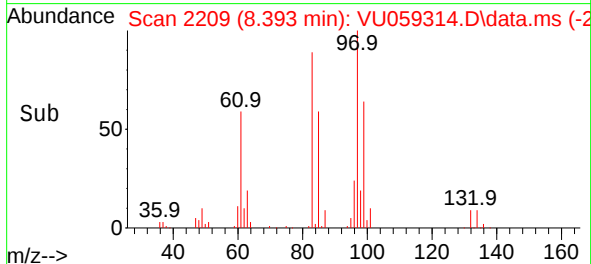
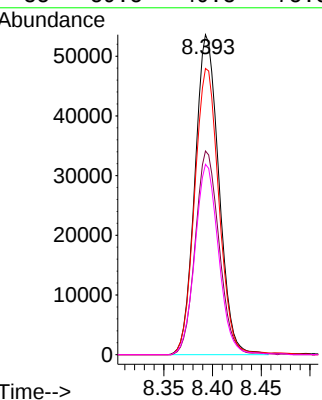
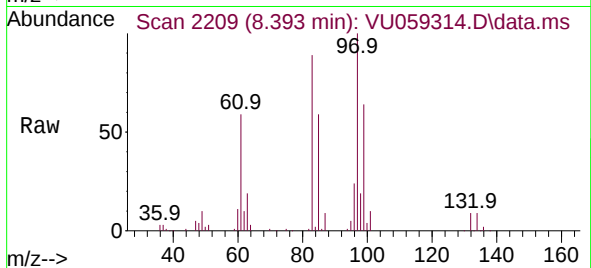




#45
1,1,2-Trichloroethane
Concen: 51.103 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

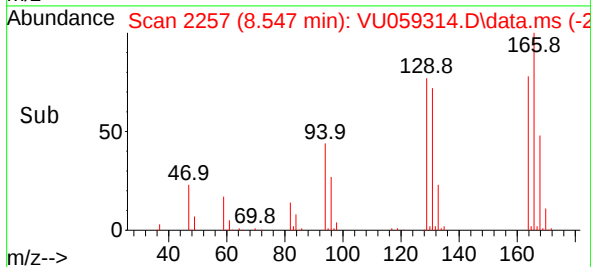
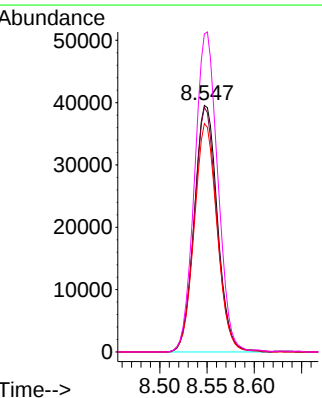
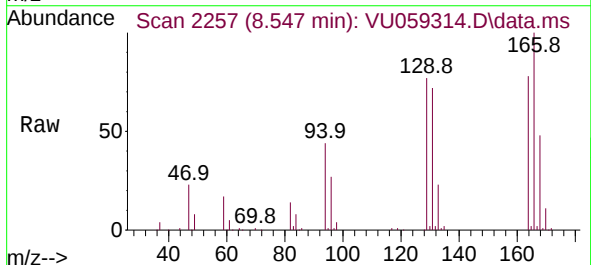
Instrument :
MSVOA_U
ClientSampleId :

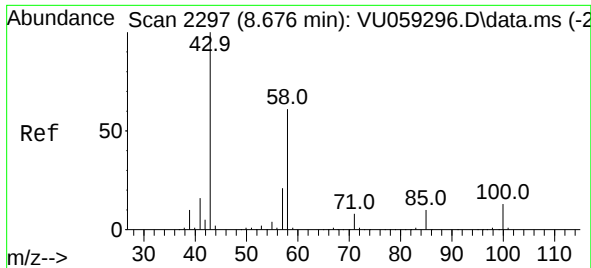
Tgt Ion: 97	Resp: 91633
Ion Ratio	Lower Upper
97 100	
99 63.6	44.0 81.6
83 89.4	63.6 118.2
85 59.5	40.8 75.8



#46
Tetrachloroethene
Concen: 58.745 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt	Ion:164	Resp:	67290
Ion	Ratio	Lower	Upper
164	100		
129	99.2	74.5	138.5
131	92.6	70.6	131.0
166	129.0	95.1	176.7

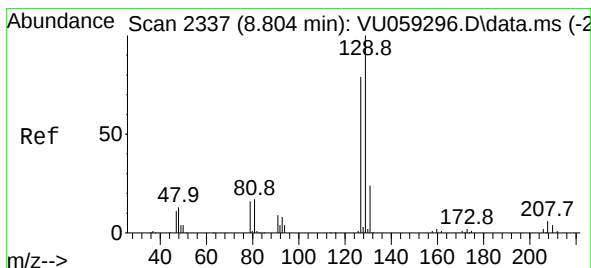
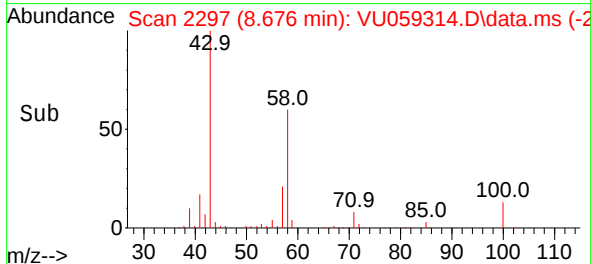
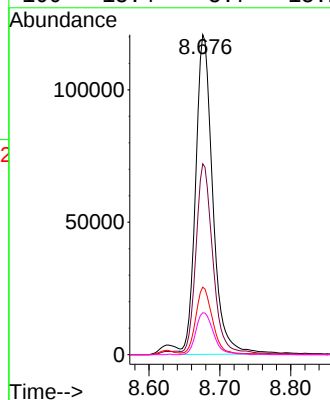
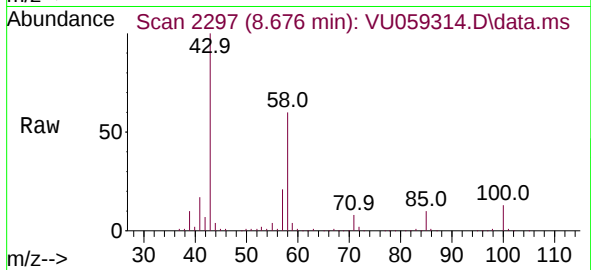




#48
2-Hexanone
Concen: 92.222 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

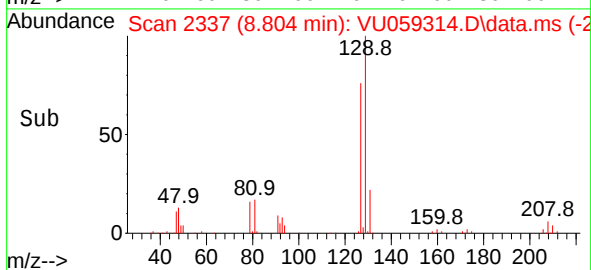
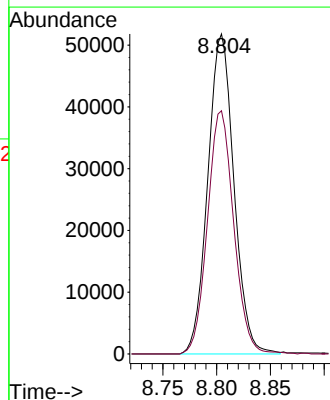
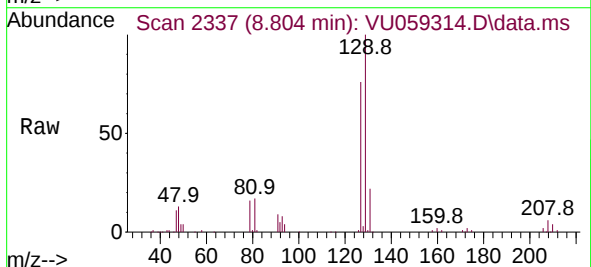
Instrument :
MSVOA_U
ClientSampleId :

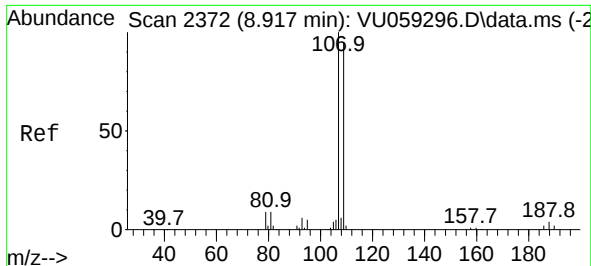
Tgt Ion: 43 Resp: 203358
Ion Ratio Lower Upper
43 100
58 56.4 45.9 68.9
57 20.2 16.3 24.5
100 13.4 8.7 13.1#



#49
Dibromochloromethane
Concen: 54.080 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion: 129 Resp: 87636
Ion Ratio Lower Upper
129 100
127 76.0 53.3 98.9





#50

1,2-Dibromoethane

Concen: 51.547 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

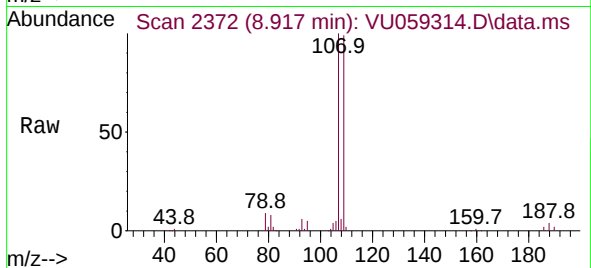
Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :



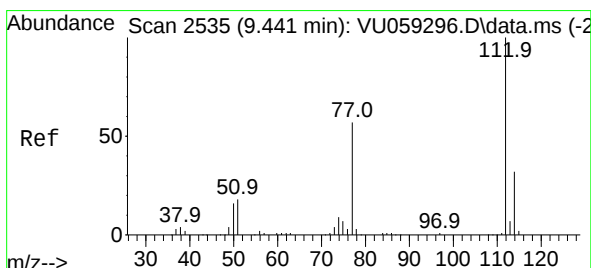
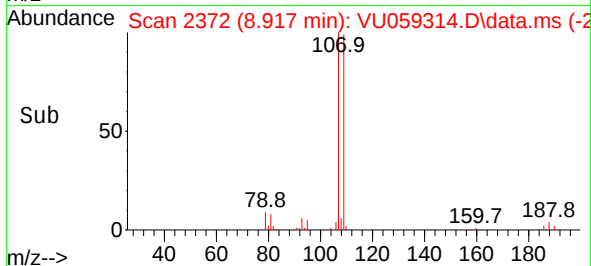
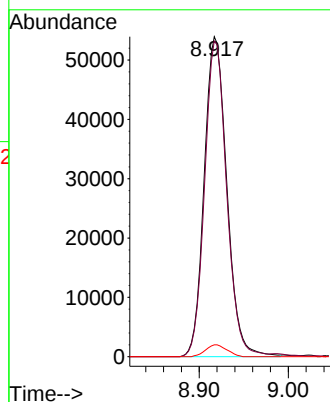
Tgt Ion:107 Resp: 95344

Ion Ratio Lower Upper

107 100

109 98.7 67.8 125.8

188 3.7 2.5 3.7



#51

Chlorobenzene

Concen: 53.303 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

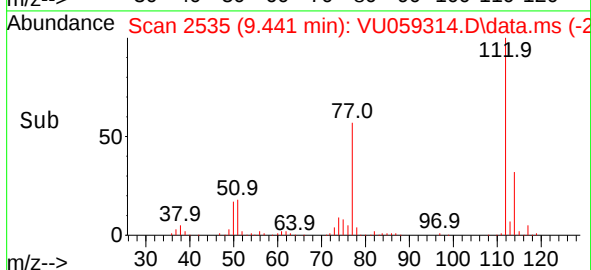
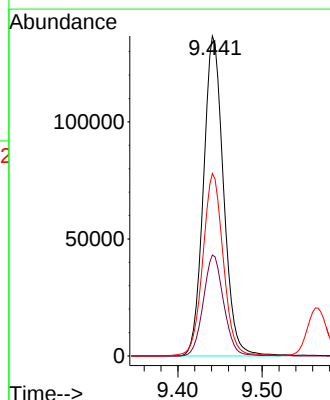
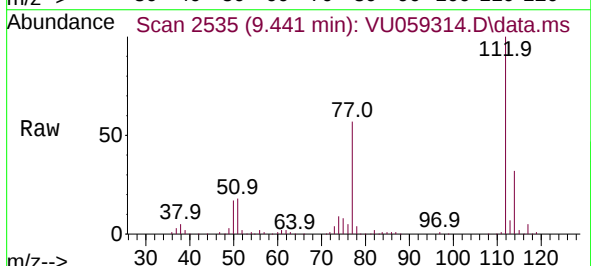
Tgt Ion:112 Resp: 226800

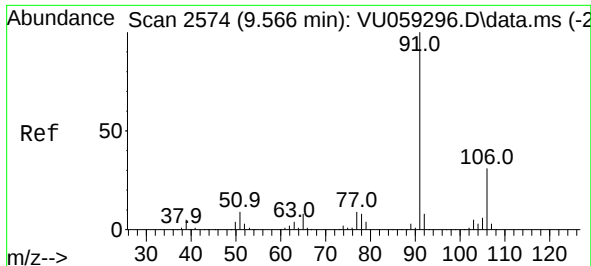
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 57.0 49.8 74.6

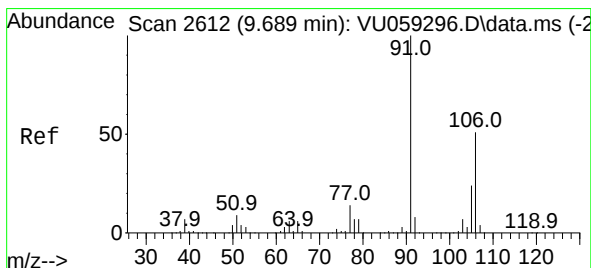
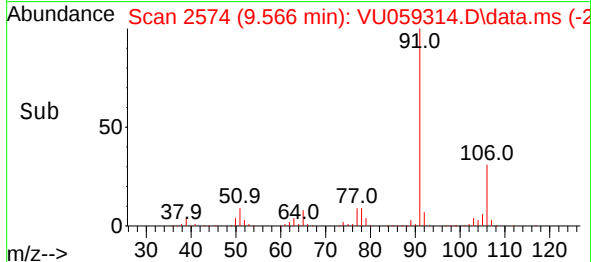
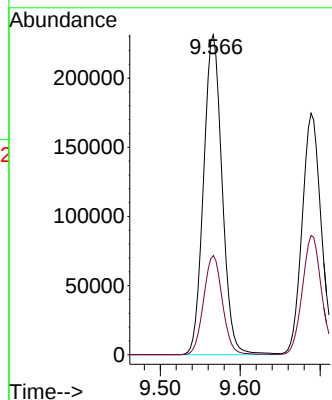
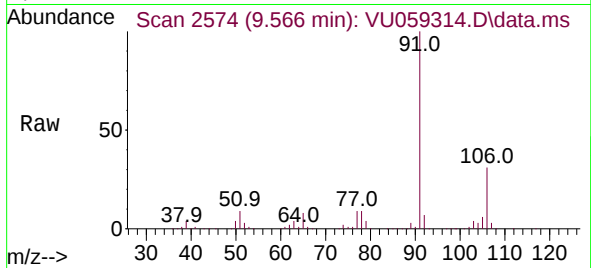




#52
Ethylbenzene
Concen: 51.479 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

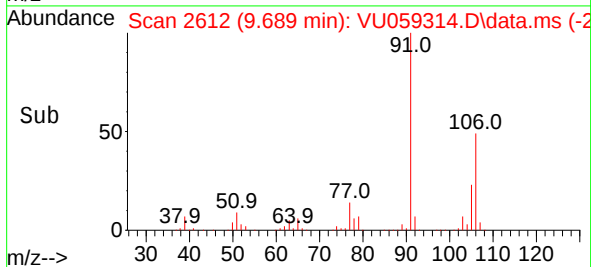
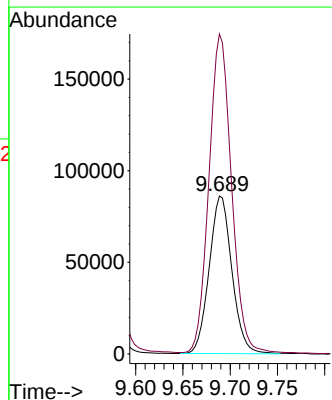
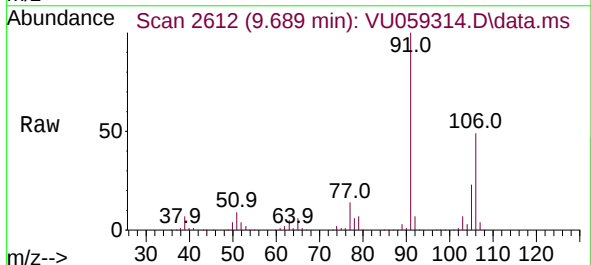
Instrument :
MSVOA_U
ClientSampleId :

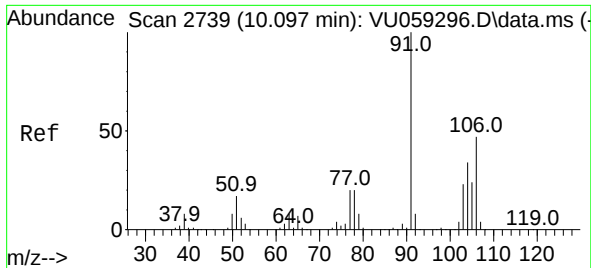
Tgt Ion: 91 Resp: 374146
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0



#53
m,p-Xylene
Concen: 53.851 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:106 Resp: 143842
Ion Ratio Lower Upper
106 100
91 202.6 146.4 272.0

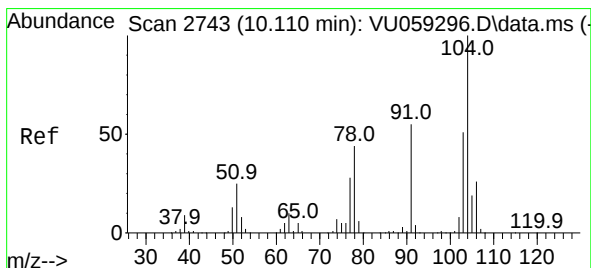
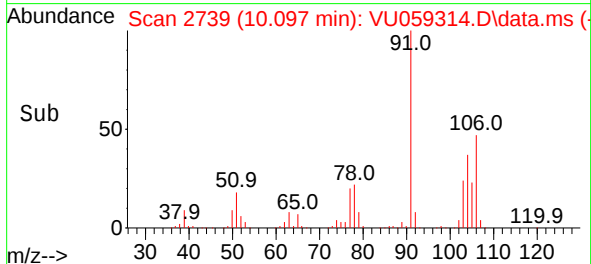
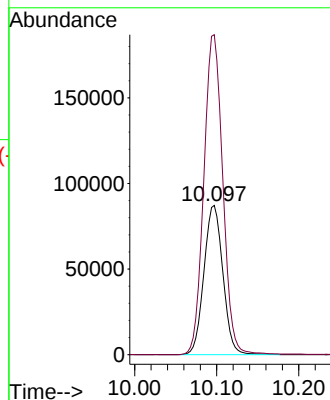
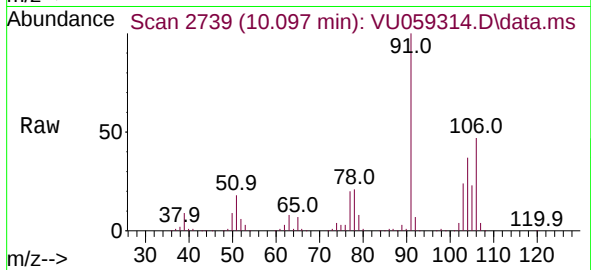




#54
o-Xylene
Concen: 54.132 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

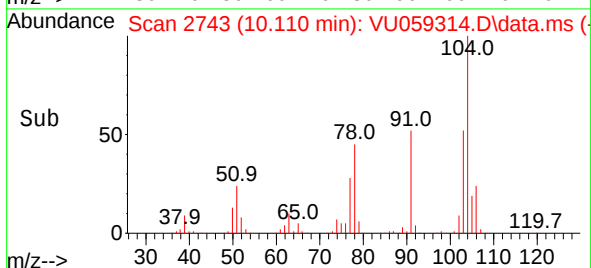
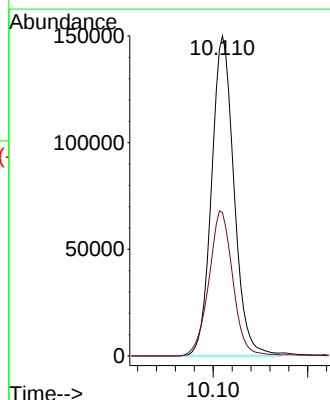
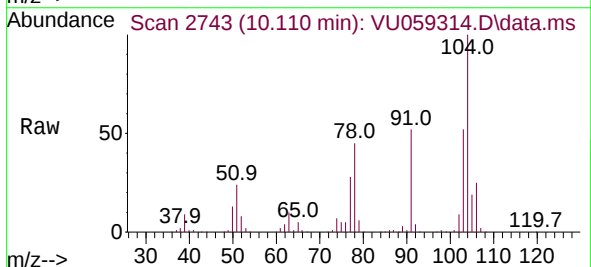
Instrument :
MSVOA_U
ClientSampleId :

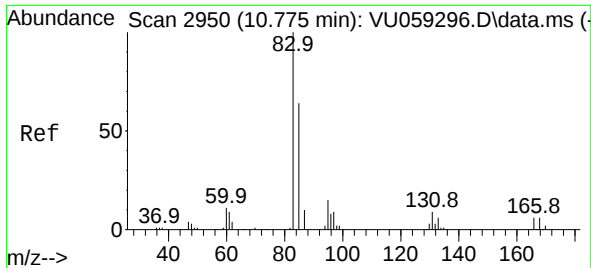
Tgt Ion:106 Resp: 140130
Ion Ratio Lower Upper
106 100
91 214.4 156.7 290.9



#55
Styrene
Concen: 56.287 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:104 Resp: 247675
Ion Ratio Lower Upper
104 100
78 44.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 47.937 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :

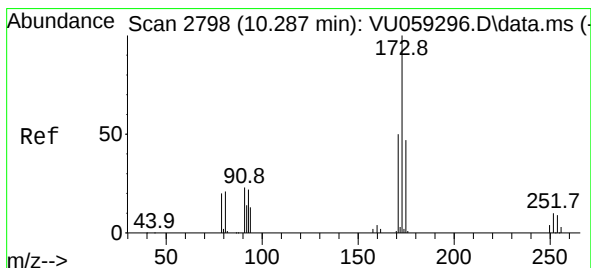
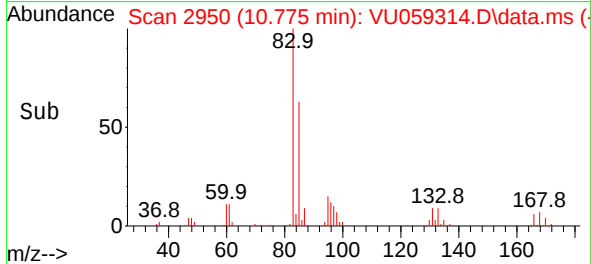
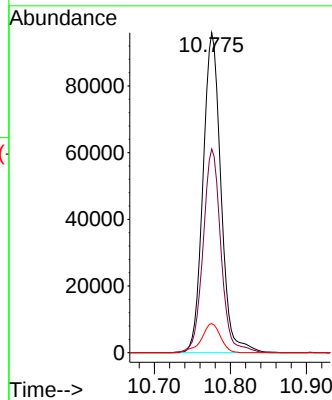
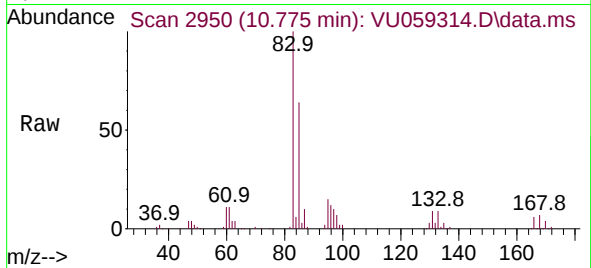
Tgt Ion: 83 Resp: 156581

Ion Ratio Lower Upper

83 100

85 63.7 46.1 85.7

131 9.1 7.0 10.4



#59

Bromoform

Concen: 51.580 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

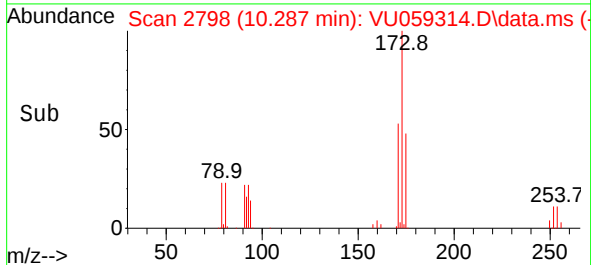
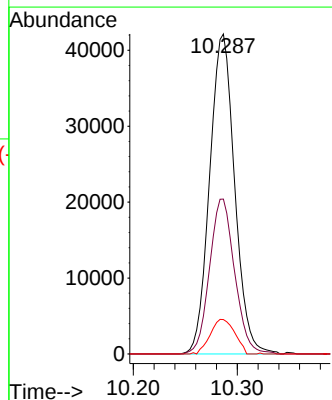
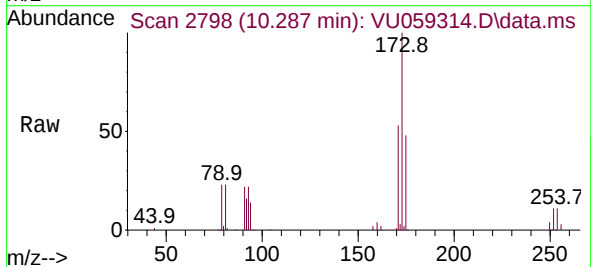
Tgt Ion:173 Resp: 70447

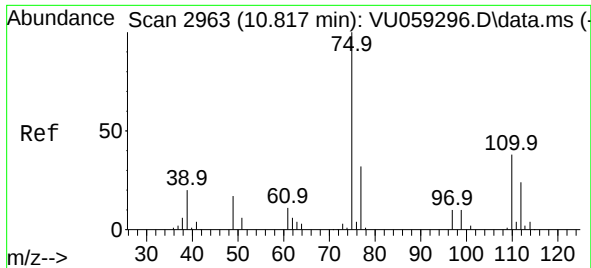
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 10.5 7.5 11.3

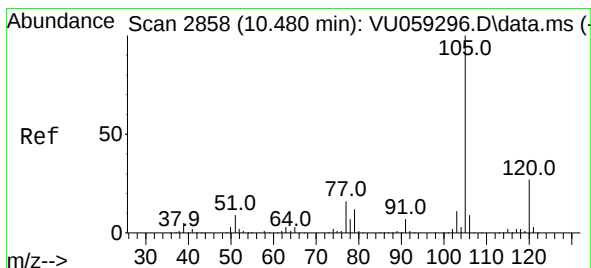
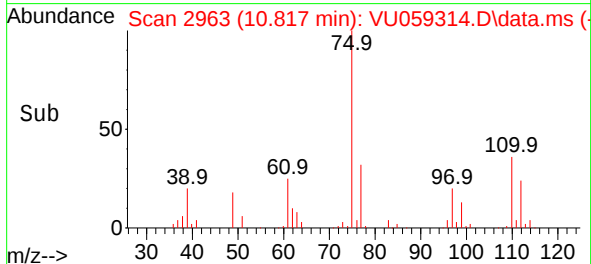
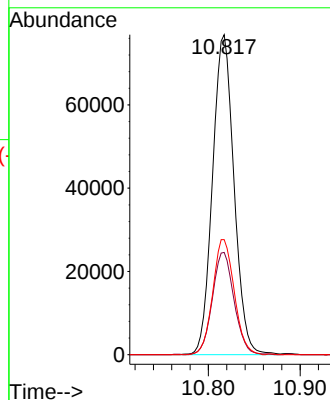
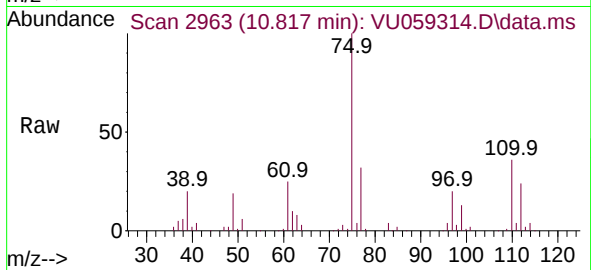




#60
1,2,3-Trichloropropane
Concen: 43.219 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

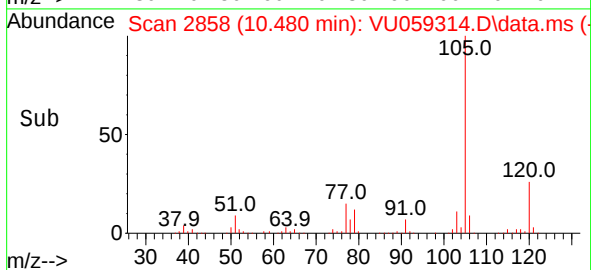
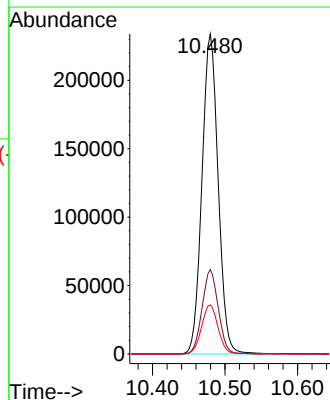
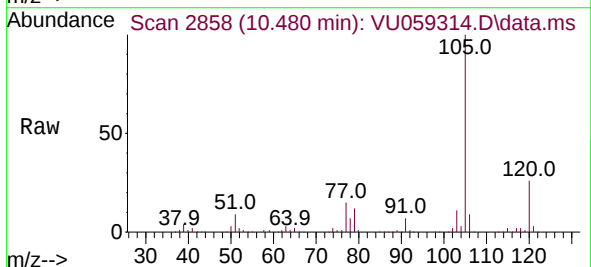
Instrument :
MSVOA_U
ClientSampleId :

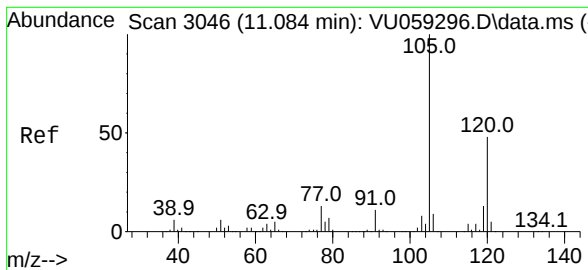
Tgt Ion: 75 Resp: 125193
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 36.0 28.4 42.6



#61
Isopropylbenzene
Concen: 49.527 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:105 Resp: 362951
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5
77 15.7 13.4 20.0

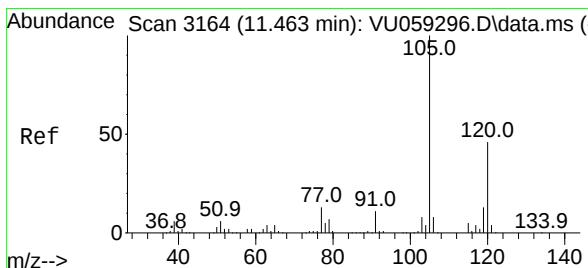
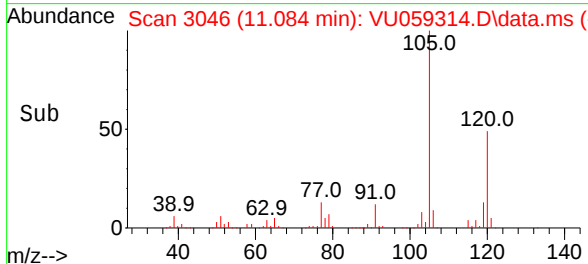
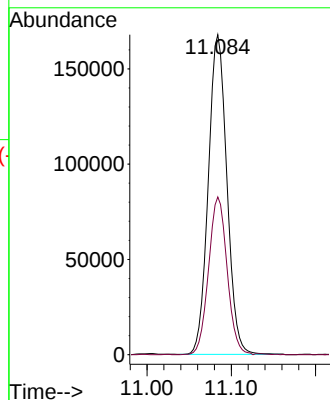
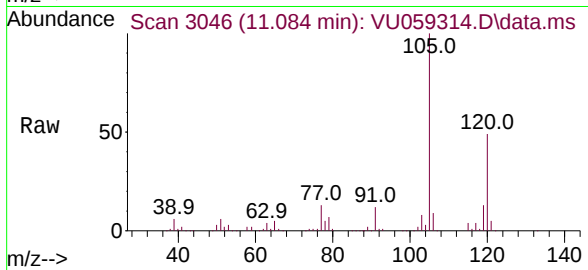




#62
 1,3,5-Trimethylbenzene
 Concen: 48.506 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU059314.D
 Acq: 18 Jun 2024 15:58

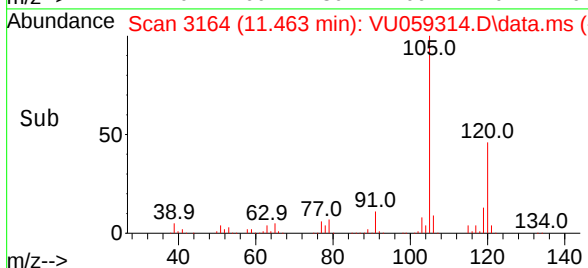
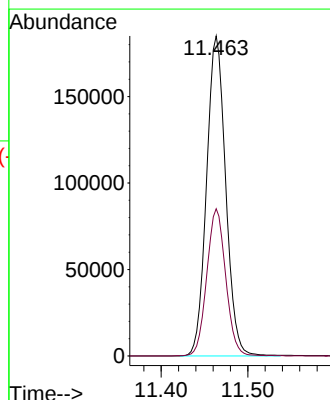
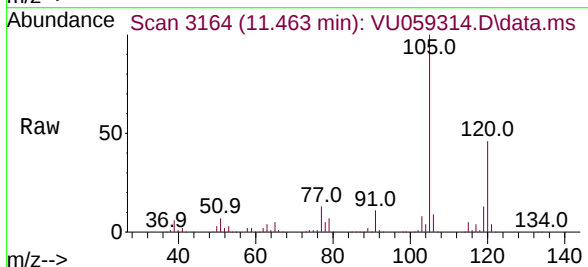
Instrument :
 MSVOA_U
 ClientSampleId :

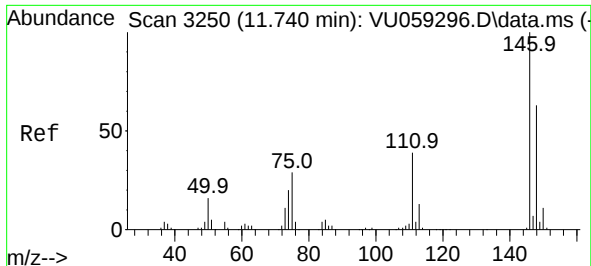
Tgt Ion:105 Resp: 257554
 Ion Ratio Lower Upper
 105 100
 120 49.2 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 49.328 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU059314.D
 Acq: 18 Jun 2024 15:58

Tgt Ion:105 Resp: 283925
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 52.199 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :

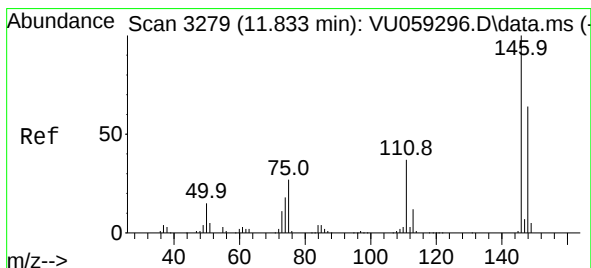
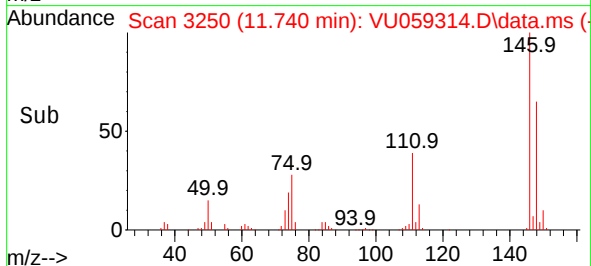
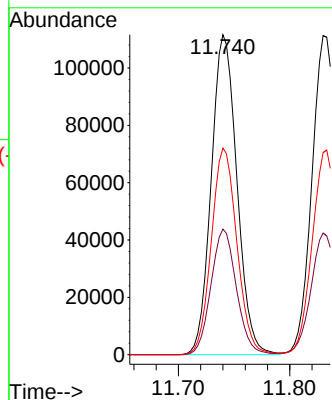
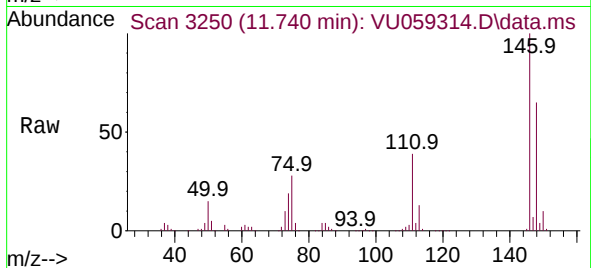
Tgt Ion:146 Resp: 178786

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 64.6 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 51.482 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

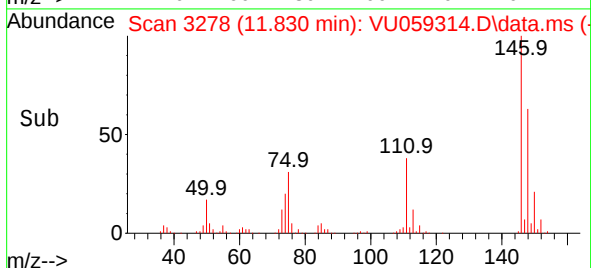
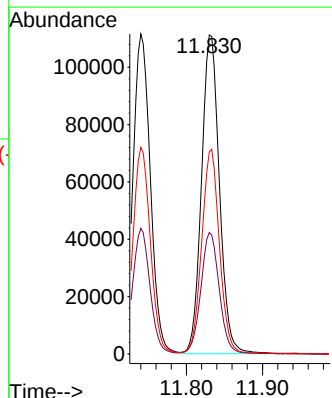
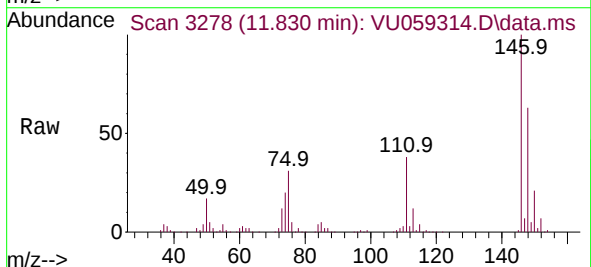
Tgt Ion:146 Resp: 182109

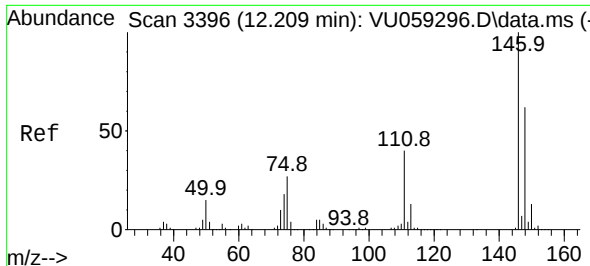
Ion Ratio Lower Upper

146 100

111 38.1 27.9 51.9

148 63.3 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 49.997 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :

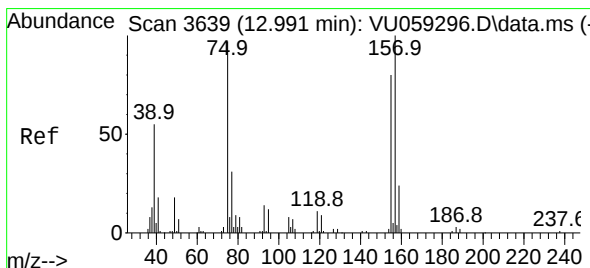
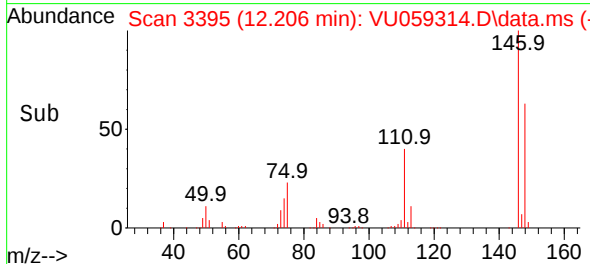
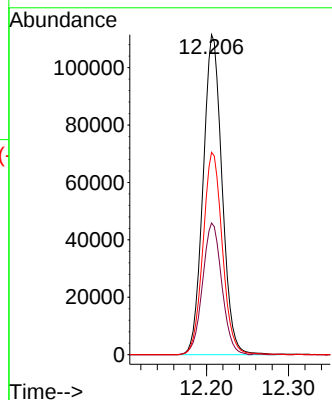
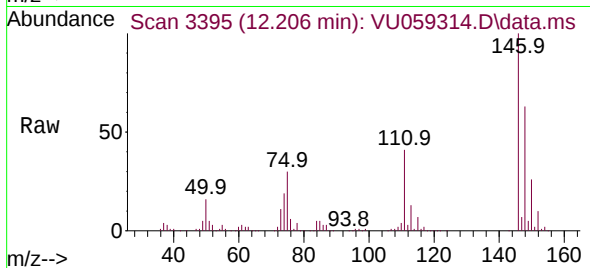
Tgt Ion:146 Resp: 178983

Ion Ratio Lower Upper

146 100

111 41.1 33.4 50.2

148 63.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 46.599 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

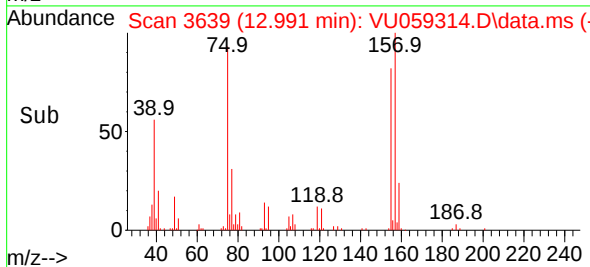
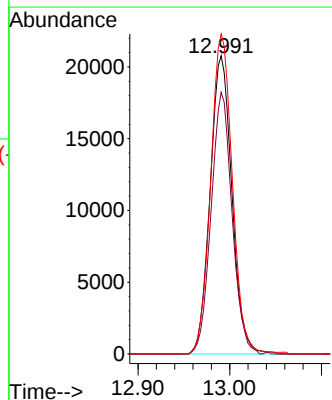
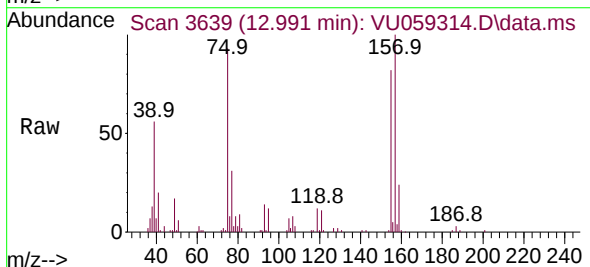
Tgt Ion: 75 Resp: 34221

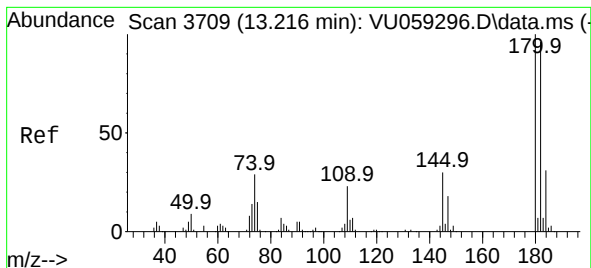
Ion Ratio Lower Upper

75 100

155 92.6 57.5 86.3#

157 107.3 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 52.864 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

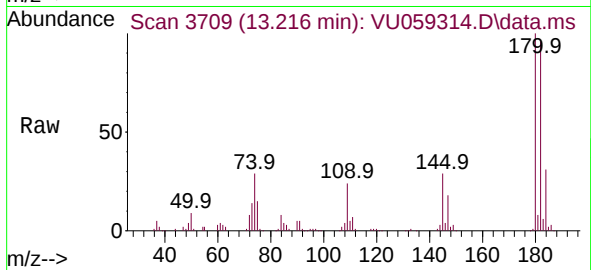
Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 119579

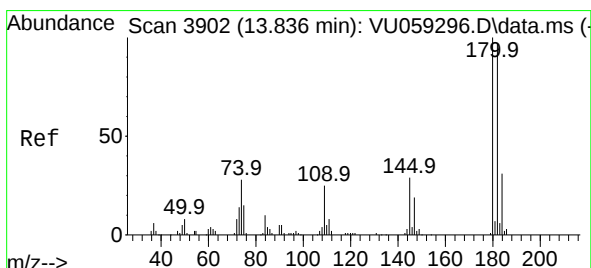
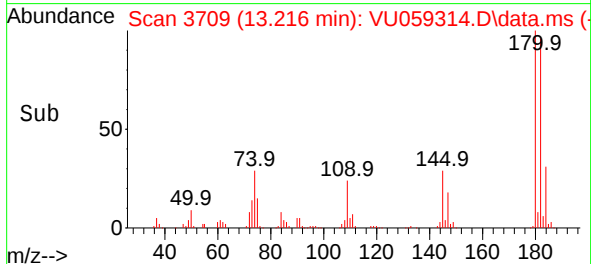
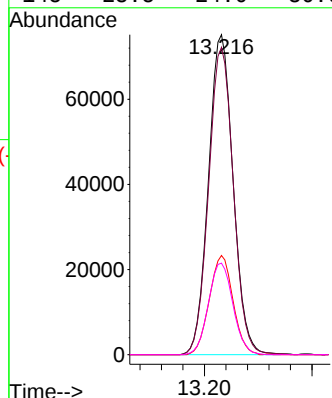
Ion Ratio Lower Upper

180 100

182 96.2 75.6 113.4

184 29.8 24.2 36.2

145 28.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 54.997 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059314.D

Acq: 18 Jun 2024 15:58

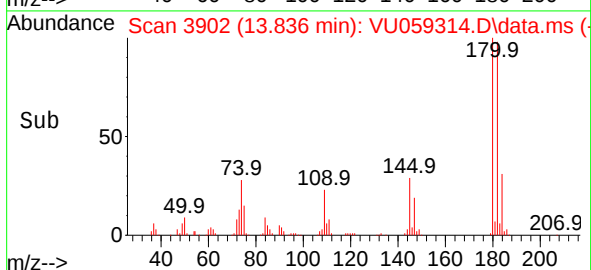
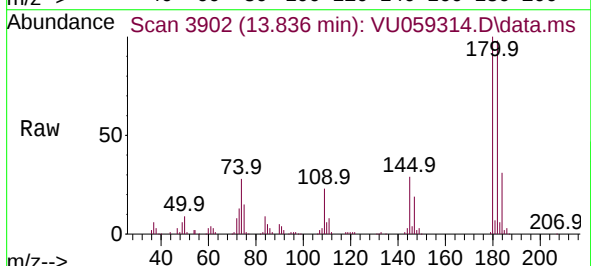
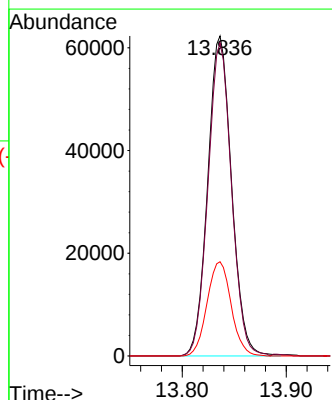
Tgt Ion:180 Resp: 99362

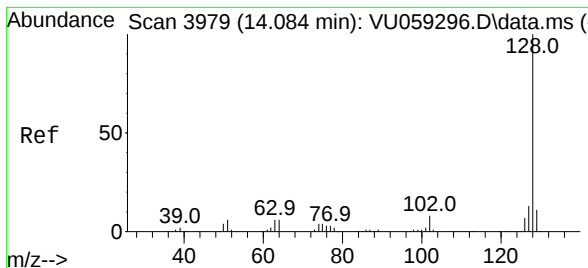
Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.2

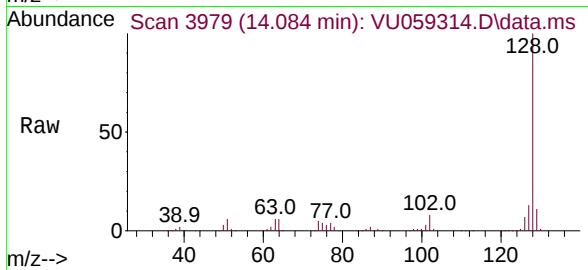
145 29.7 24.8 37.2



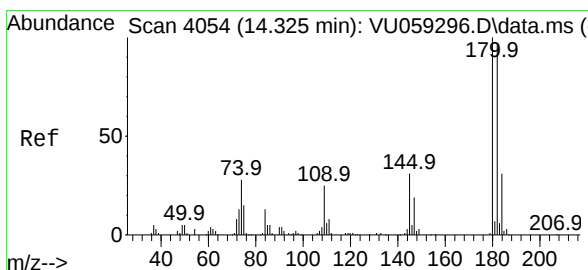
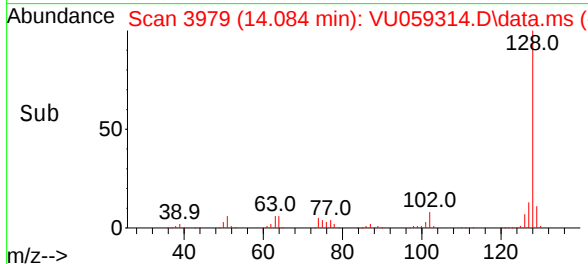
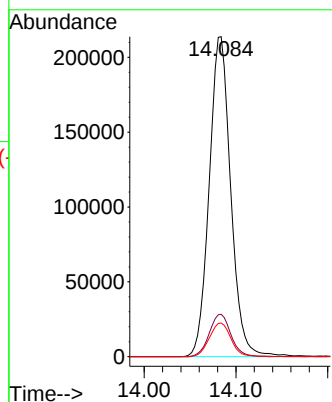


#71
Naphthalene
Concen: 60.901 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 348271
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 58.312 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059314.D
Acq: 18 Jun 2024 15:58

Tgt Ion:180 Resp: 107105
Ion Ratio Lower Upper
180 100
182 97.1 76.2 114.4
145 31.2 26.4 39.6

