

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062331.D
 Acq On : 16 Dec 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	112702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40100	5.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.911	69	30650	5.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.563	65	18372	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.634	46	73928	50.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.052	84	83724	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.692	65	41513	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.717	84	149708	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.682	67	43905	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	141304	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.174	79	18959	4.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	55924	47.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32844	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	48924	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50568	4.790	ug/L	96
3) Chloromethane	1.518	50	38992	4.712	ug/L	100
5) Vinyl chloride	1.602	62	42108	4.887	ug/L #	79
6) Bromomethane	1.856	94	25420	4.426	ug/L	99
8) Chloroethane	1.933	64	25342	5.251	ug/L	94
9) Trichlorofluoromethane	2.136	101	74433	4.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41559	5.106	ug/L	94
12) 1,1-Dichloroethene	2.576	96	36110	4.745	ug/L	91
13) Acetone	2.656	43	51078	51.492	ug/L	95
14) Carbon disulfide	2.788	76	111404	4.630	ug/L	99
15) Methyl Acetate	2.955	43	11172	4.494	ug/L #	86
16) Methylene chloride	3.039	84	39717	4.972	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	91406	4.822	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	37561	4.804	ug/L	92
19) 1,1-Dichloroethane	3.859	63	69110	4.822	ug/L	96
21) 2-Butanone	4.711	43	74094	51.434	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	42393	4.837	ug/L	98
23) Bromochloromethane	4.968	128	18862	4.910	ug/L	86
25) Chloroform	5.078	83	80512	4.988	ug/L	98

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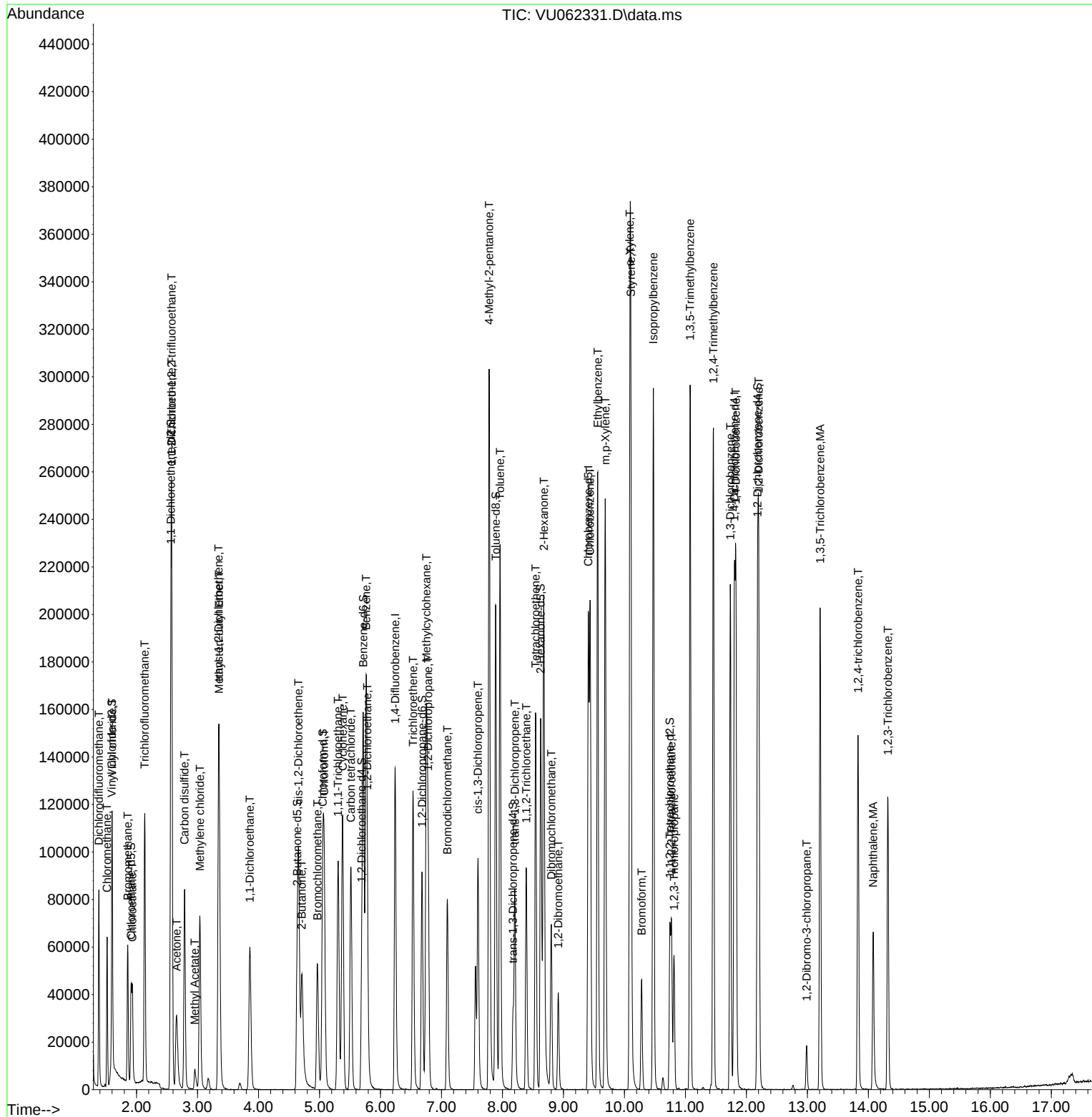
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48204	4.699	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73529	4.854	ug/L	95
30) Cyclohexane	5.380	56	58011	4.723	ug/L	95
31) Carbon tetrachloride	5.515	117	67993	4.895	ug/L	97
33) Benzene	5.766	78	158724	4.756	ug/L	100
34) Trichloroethene	6.534	95	46069	4.874	ug/L	99
35) Methylcyclohexane	6.753	83	66570	4.750	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39346	4.842	ug/L	99
38) Bromodichloromethane	7.097	83	56433	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	60910	4.676	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	183643	48.217	ug/L #	94
42) Toluene	7.962	91	172753	4.801	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	53326	5.013	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	29243	4.767	ug/L	97
47) Tetrachloroethene	8.544	164	35545	4.870	ug/L	96
48) 2-Hexanone	8.679	43	131966	46.884	ug/L #	96
49) Dibromochloromethane	8.801	129	37270	5.028	ug/L	96
50) 1,2-Dibromoethane	8.917	107	28137	4.773	ug/L #	97
51) Chlorobenzene	9.438	112	109987	4.770	ug/L	98
52) Ethylbenzene	9.563	91	192178	4.764	ug/L	99
53) m,p-Xylene	9.688	106	73147	4.911	ug/L	96
54) o-Xylene	10.090	106	70096	4.839	ug/L	98
55) Styrene	10.106	104	114983	4.815	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32845	4.600	ug/L #	96
59) Bromoform	10.283	173	21710	5.184	ug/L	98
60) Isopropylbenzene	10.476	105	194886	5.063	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24447	4.961	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	165045	5.066	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	161582	5.063	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	86638	4.900	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	87110	4.892	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	79875	4.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5445	5.066	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	64227	4.886	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48011	4.626	ug/L	99
71) Naphthalene	14.080	128	59035	3.788	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39696	4.337	ug/L	96

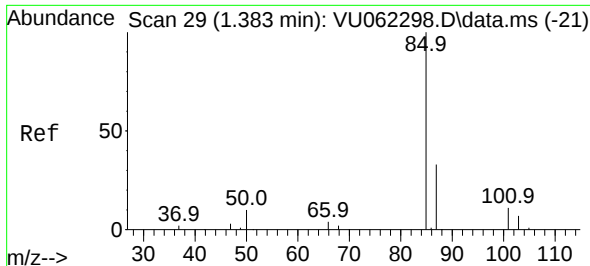
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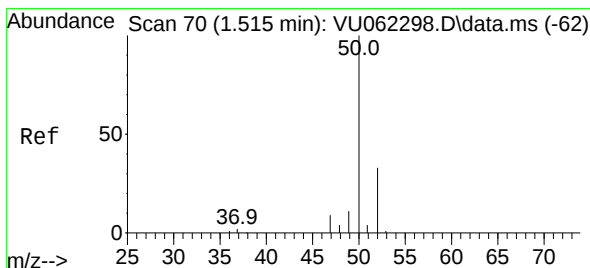
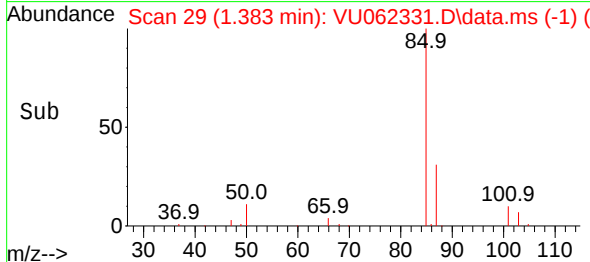
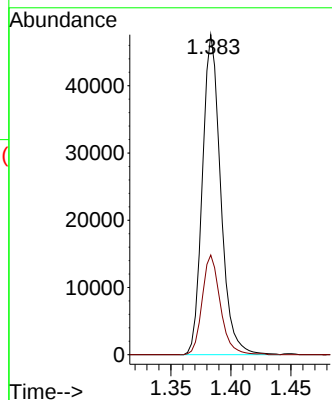
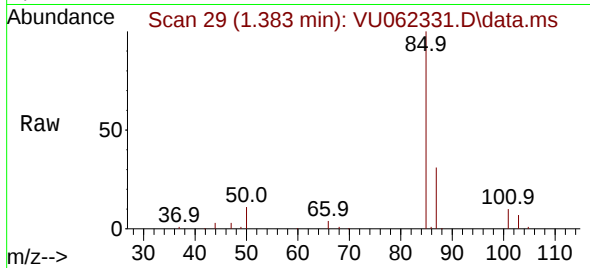




#2
Dichlorodifluoromethane
Concen: 4.790 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

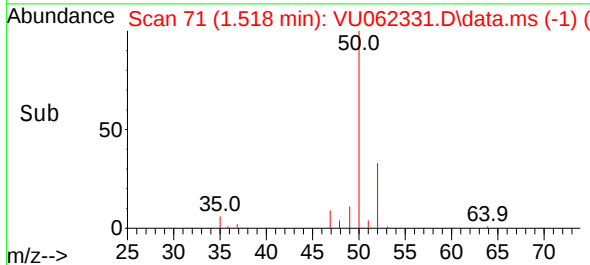
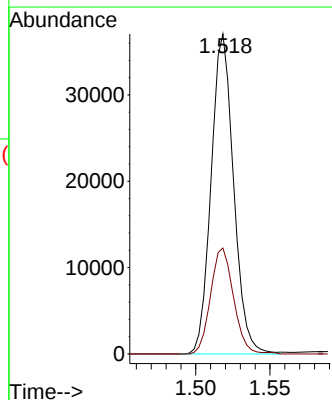
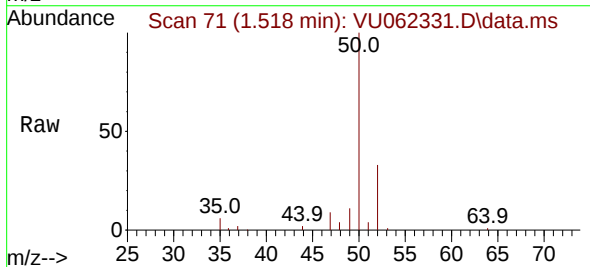
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MSVOA_U
ClientSampleId :

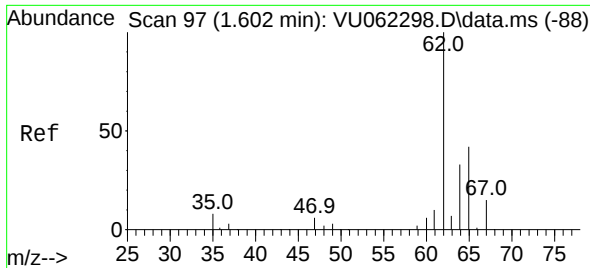
Tgt Ion: 85 Resp: 50568
Ion Ratio Lower Upper
85 100
87 30.9 26.6 40.0



#3
Chloromethane
Concen: 4.712 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 50 Resp: 38992
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9

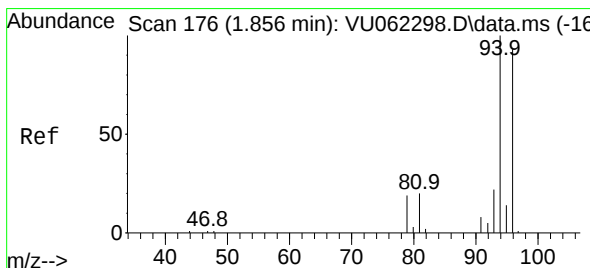
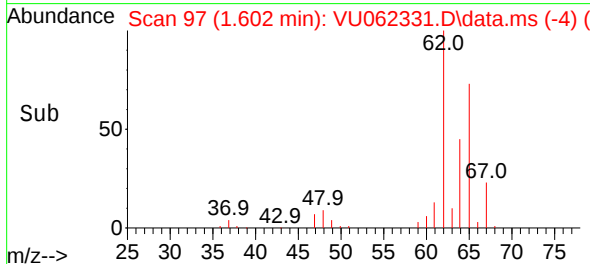
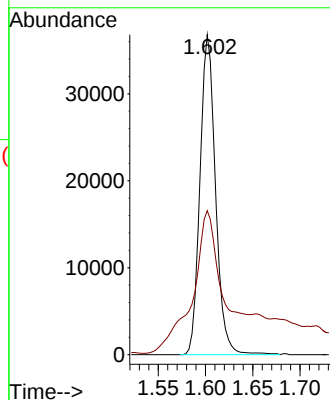
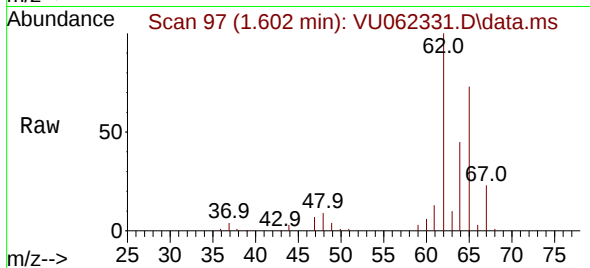




#5
 Vinyl chloride
 Concen: 4.887 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU062331.D
 Acq: 16 Dec 2024 08:48

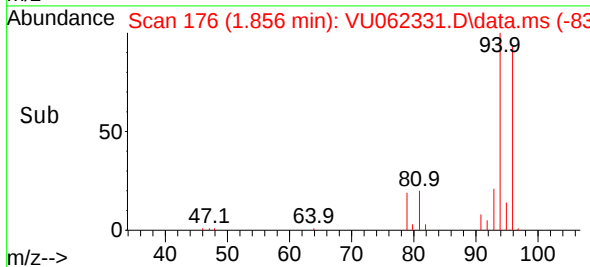
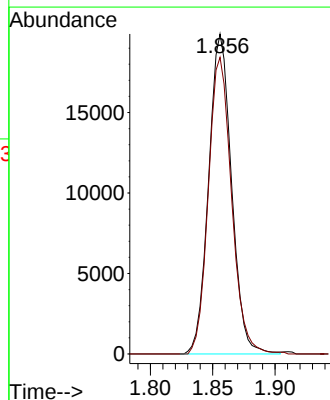
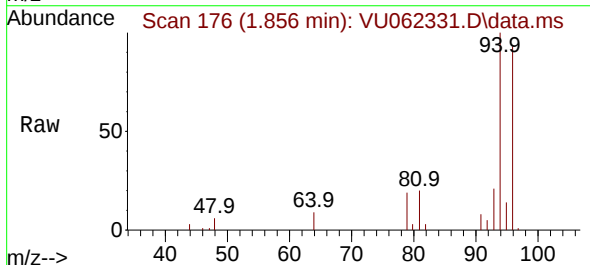
Instrument :
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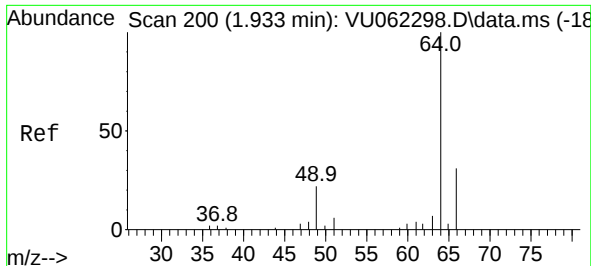
Tgt Ion: 62 Resp: 42108
 Ion Ratio Lower Upper
 62 100
 64 45.0 23.1 42.9#



#6
 Bromomethane
 Concen: 4.426 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU062331.D
 Acq: 16 Dec 2024 08:48

Tgt Ion: 94 Resp: 25420
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.5 119.9

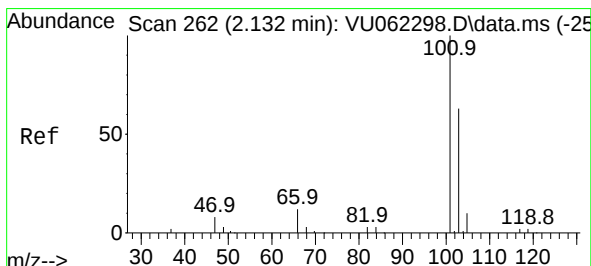
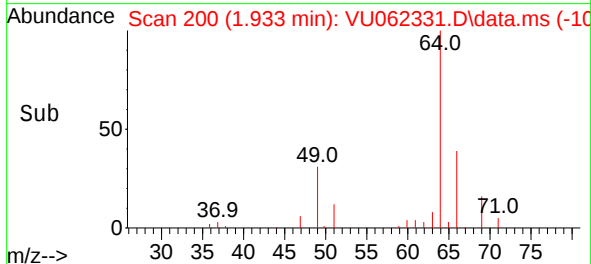
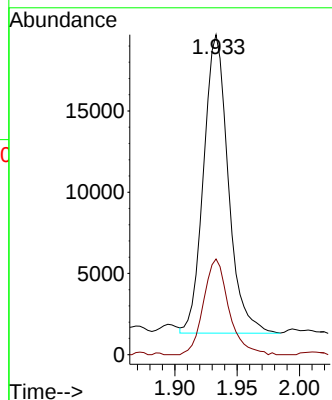
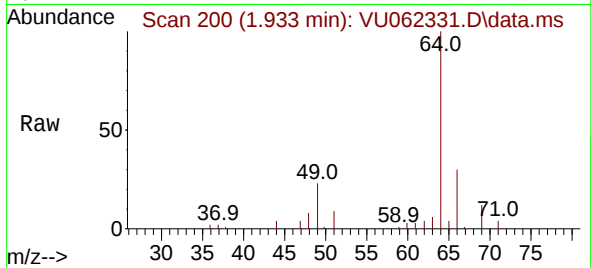




#8
Chloroethane
Concen: 5.251 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

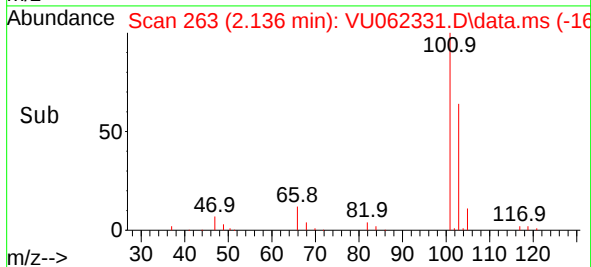
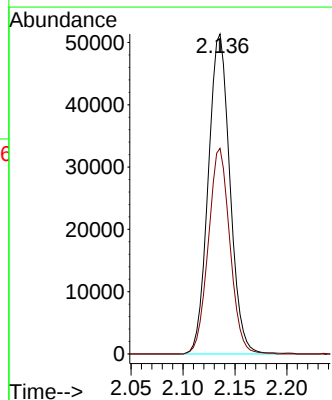
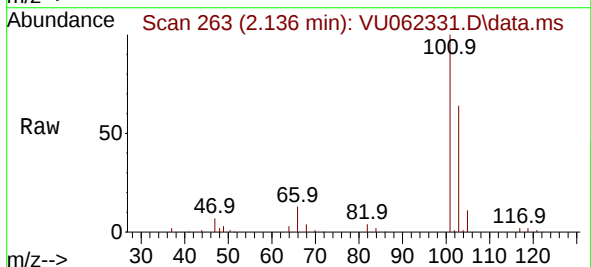
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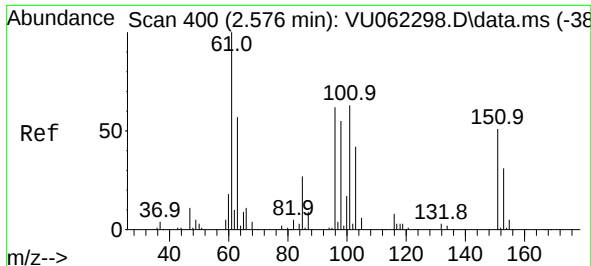
Tgt Ion: 64 Resp: 25342
Ion Ratio Lower Upper
64 100
66 29.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.978 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion:101 Resp: 74433
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

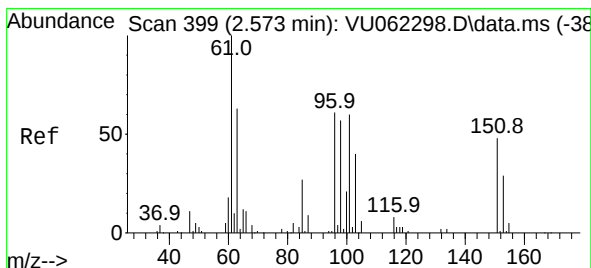
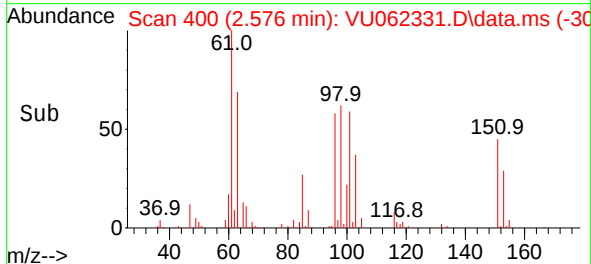
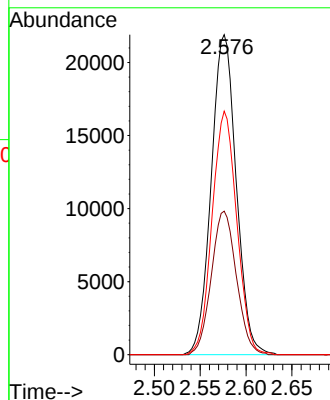
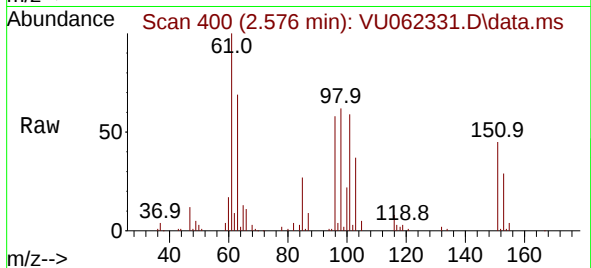




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.106 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

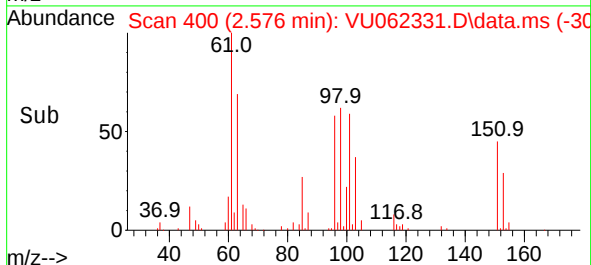
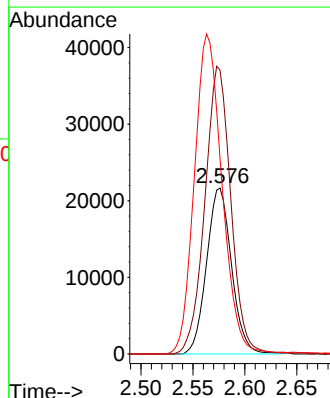
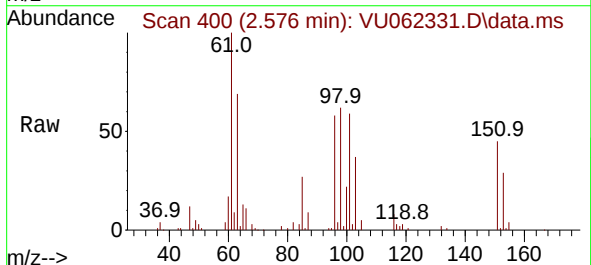
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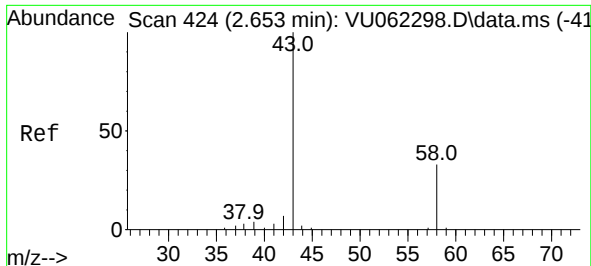
Tgt Ion:101 Resp: 41559
Ion Ratio Lower Upper
101 100
85 45.0 38.0 57.0
151 75.1 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.745 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 96 Resp: 36110
Ion Ratio Lower Upper
96 100
61 171.0 119.6 222.2
63 117.6 65.0 120.6





#13

Acetone

Concen: 51.492 ug/L

RT: 2.656 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

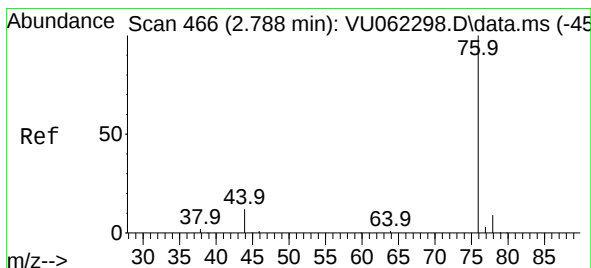
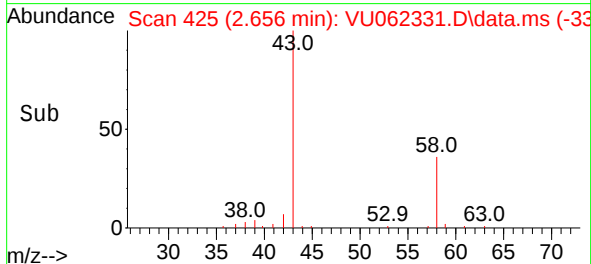
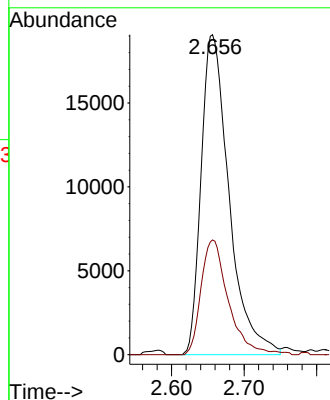
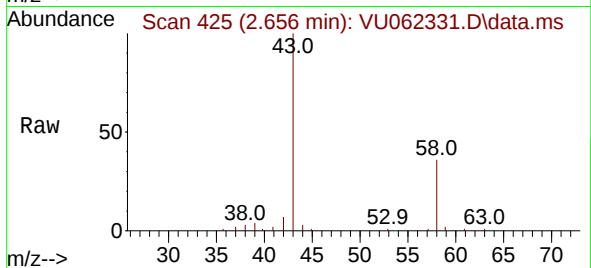
ClientSampleId :

Tgt Ion: 43 Resp: 51078

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.0



#14

Carbon disulfide

Concen: 4.630 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062331.D

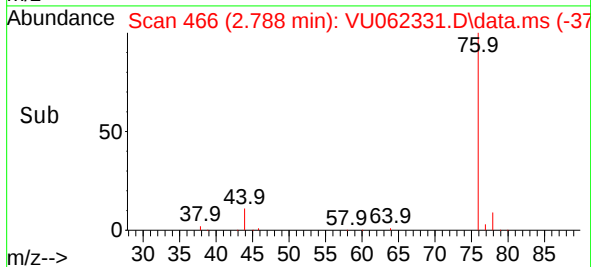
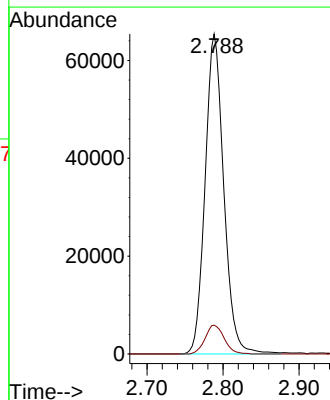
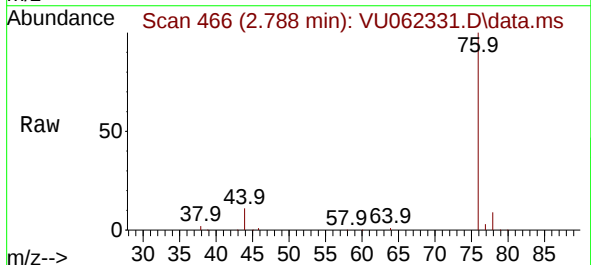
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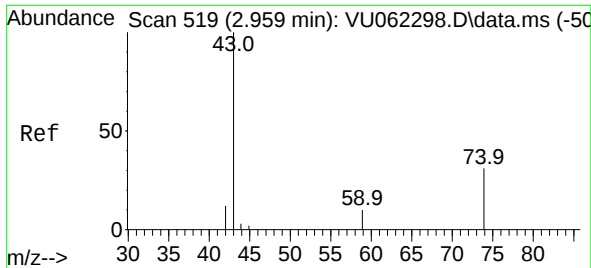
Tgt Ion: 76 Resp: 111404

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

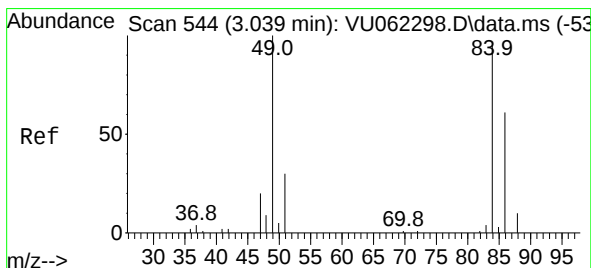
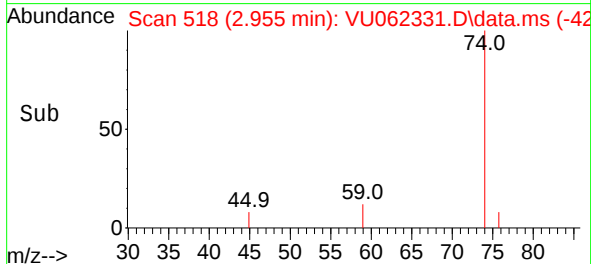
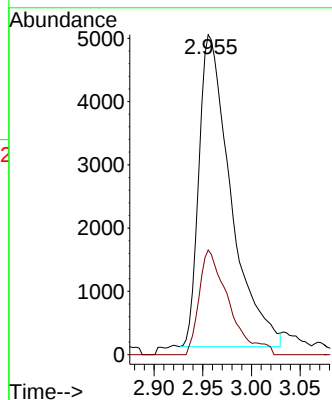
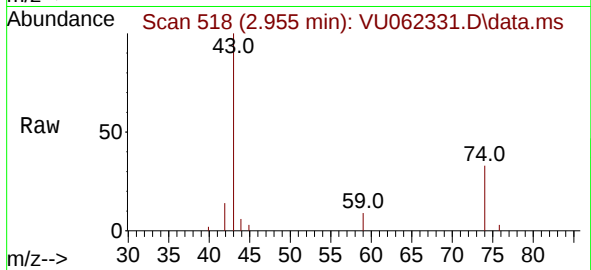




#15
Methyl Acetate
Concen: 4.494 ug/L
RT: 2.955 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

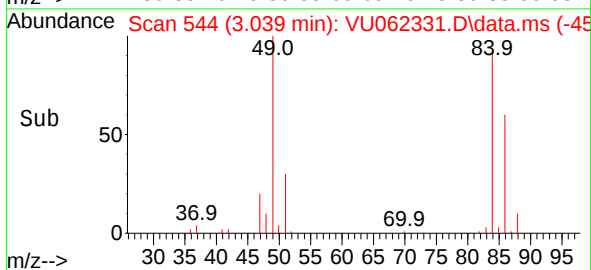
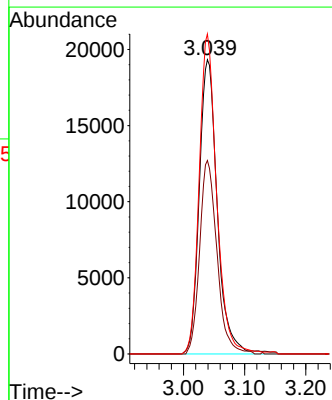
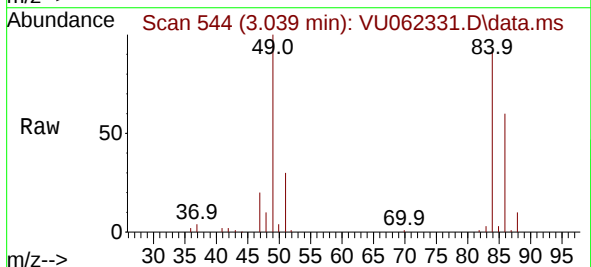
Instrument :
MSVOA_U
ClientSampleId :

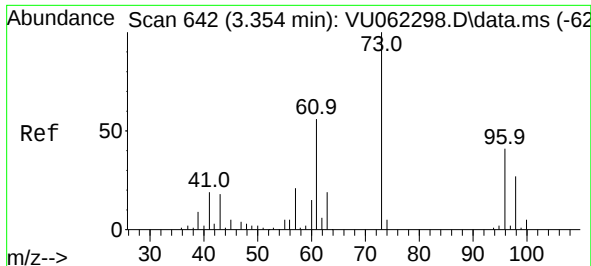
Tgt Ion: 43 Resp: 11172
Ion Ratio Lower Upper
43 100
74 31.3 19.4 29.2#



#16
Methylene chloride
Concen: 4.972 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 84 Resp: 39717
Ion Ratio Lower Upper
84 100
86 65.7 43.5 80.7
49 108.7 81.9 152.1

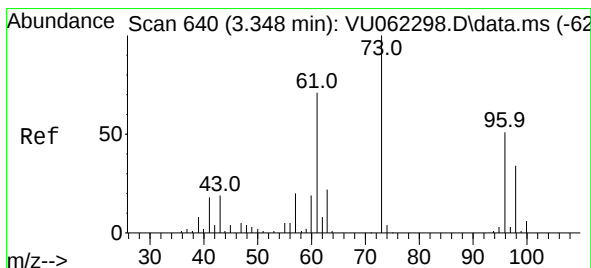
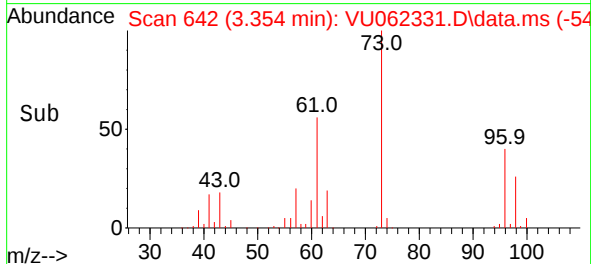
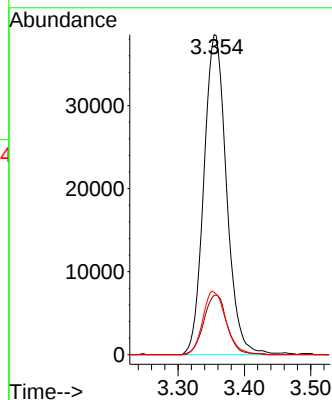
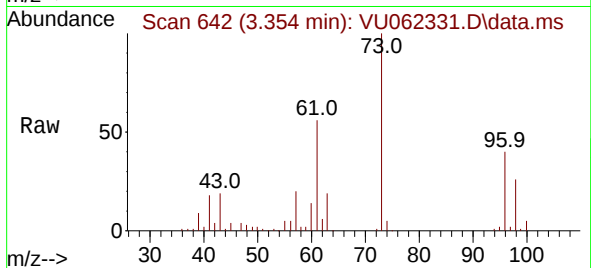




#17
Methyl tert-butyl Ether
Concen: 4.822 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

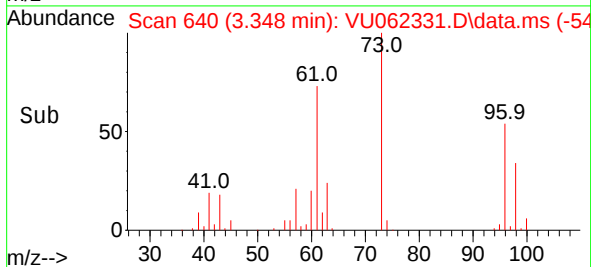
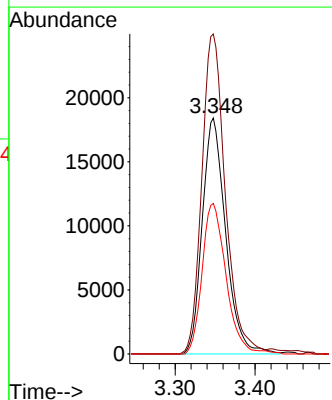
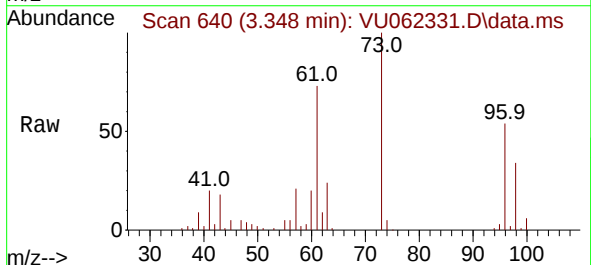
Instrument :
MSVOA_U
ClientSampleId :

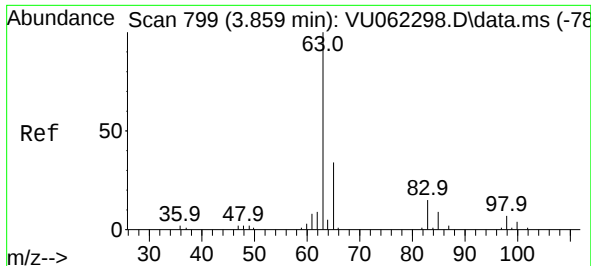
Tgt Ion: 73 Resp: 91406
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5
57 20.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.804 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 96 Resp: 37561
Ion Ratio Lower Upper
96 100
61 135.6 104.2 193.4
98 63.8 45.7 84.9

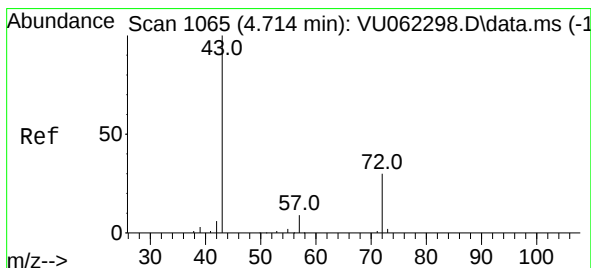
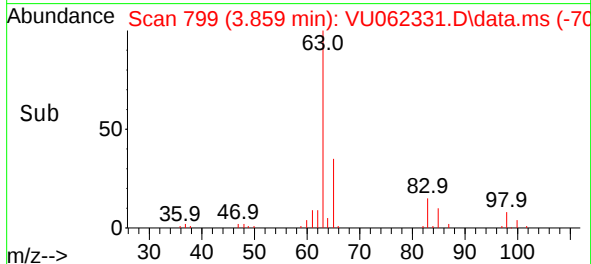
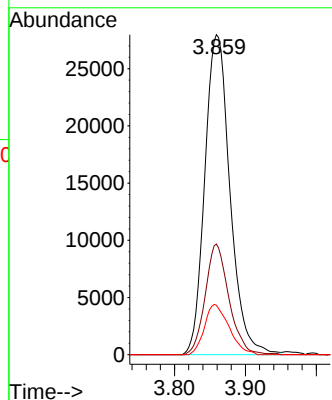
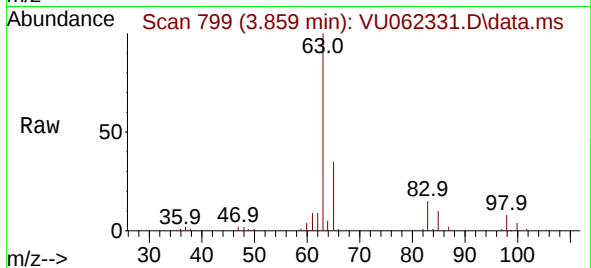




#19
1,1-Dichloroethane
Concen: 4.822 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

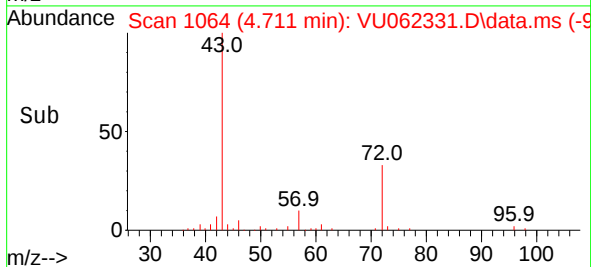
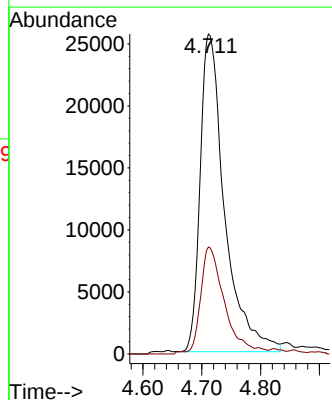
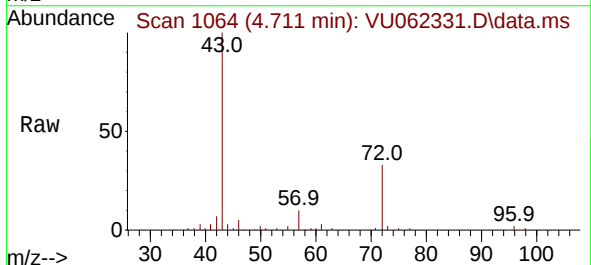
Instrument :
MSVOA_U
ClientSampleId :

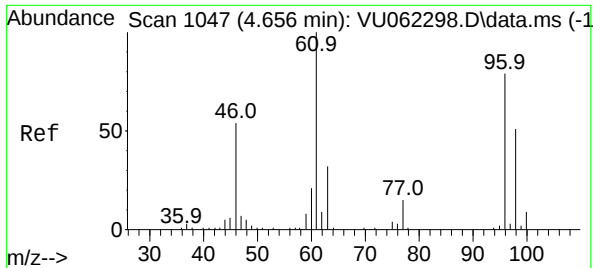
Tgt Ion: 63 Resp: 69110
Ion Ratio Lower Upper
63 100
65 34.6 22.7 42.3
83 15.4 9.9 18.3



#21
2-Butanone
Concen: 51.434 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 43 Resp: 74094
Ion Ratio Lower Upper
43 100
72 32.3 14.8 44.4

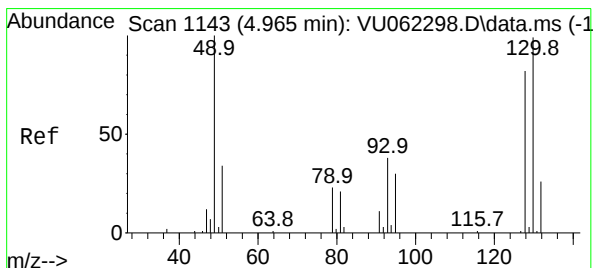
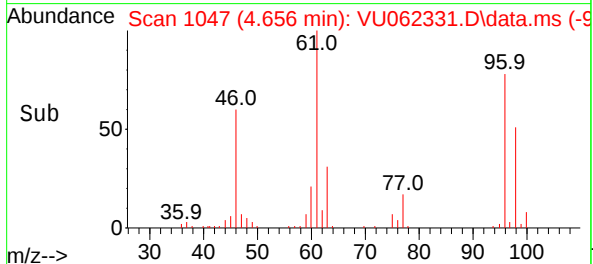
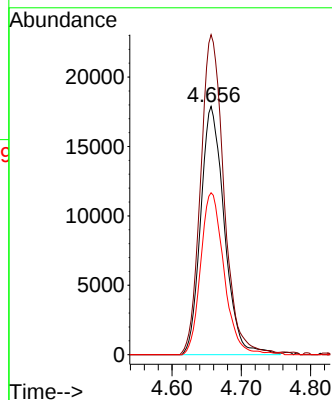
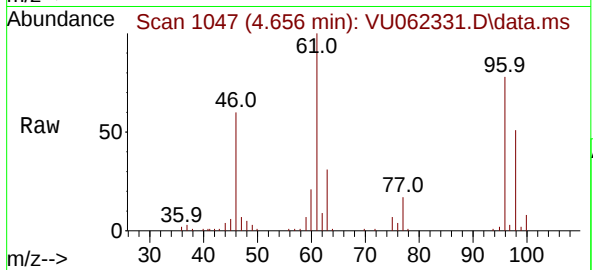




#22
 cis-1,2-Dichloroethene
 Concen: 4.837 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062331.D
 Acq: 16 Dec 2024 08:48

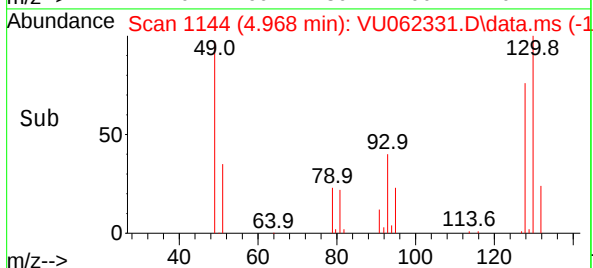
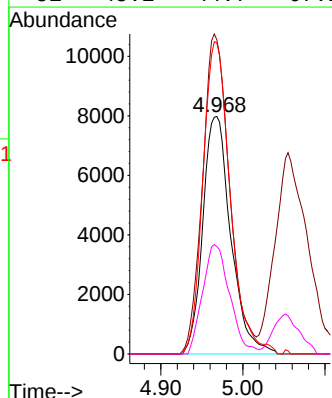
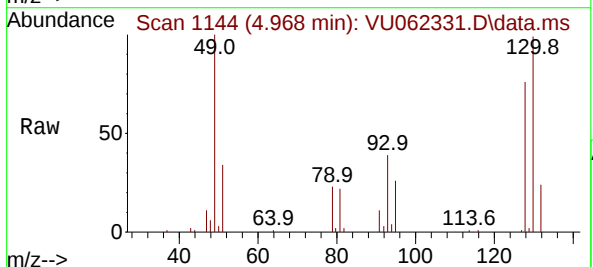
Instrument :
 MSVOA_U
 ClientSampleId :

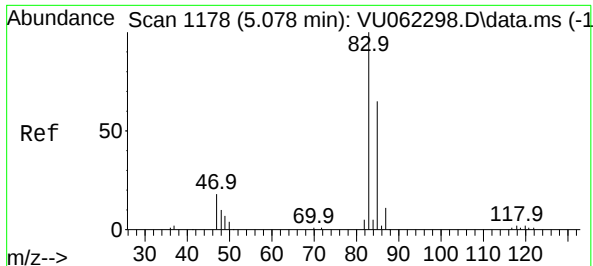
Tgt Ion: 96 Resp: 42393
 Ion Ratio Lower Upper
 96 100
 61 128.9 92.0 170.8
 98 65.2 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.910 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU062331.D
 Acq: 16 Dec 2024 08:48

Tgt Ion:128 Resp: 18862
 Ion Ratio Lower Upper
 128 100
 49 132.3 115.3 214.1
 130 131.0 92.0 170.8
 51 45.2 44.7 67.1





#25

Chloroform

Concen: 4.988 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

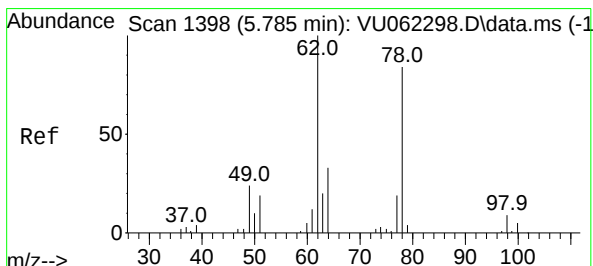
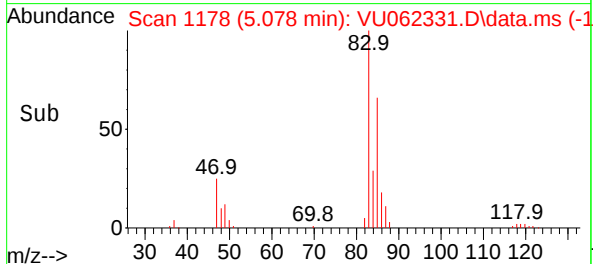
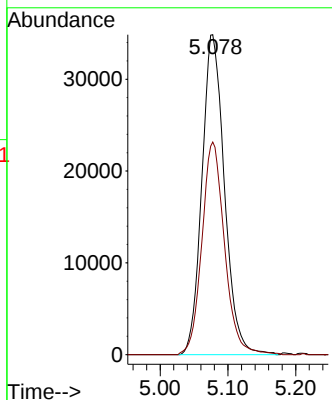
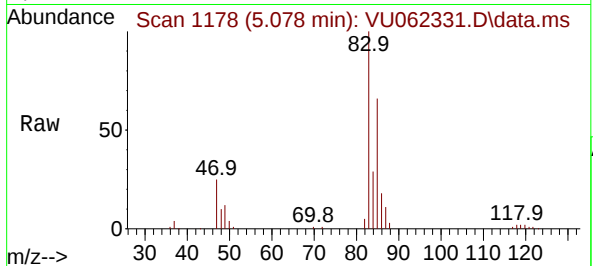
ClientSampleId :

Tgt Ion: 83 Resp: 80512

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.699 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062331.D

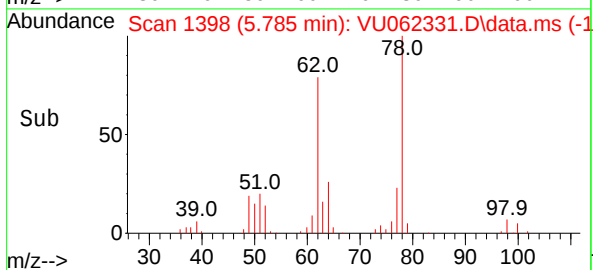
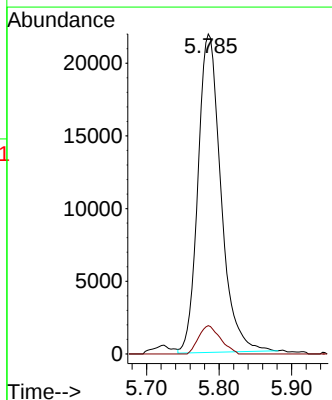
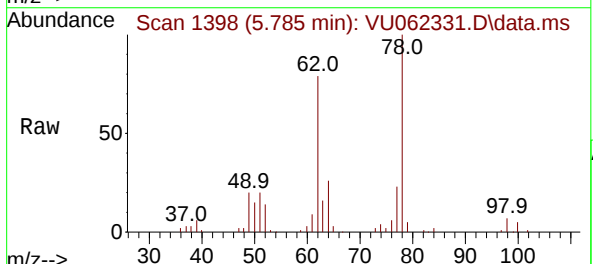
Acq: 16 Dec 2024 08:48

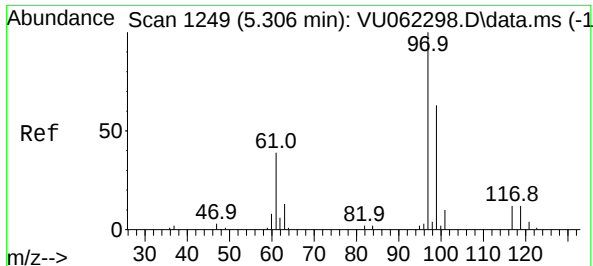
Tgt Ion: 62 Resp: 48204

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

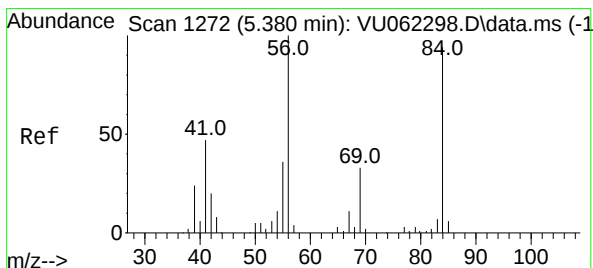
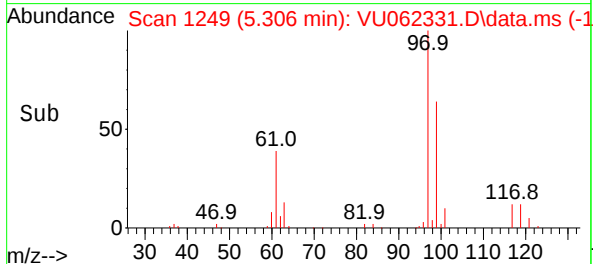
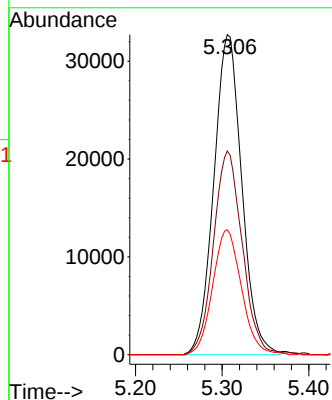
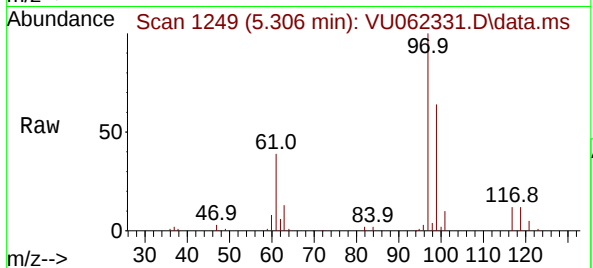




#29
1,1,1-Trichloroethane
Concen: 4.854 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

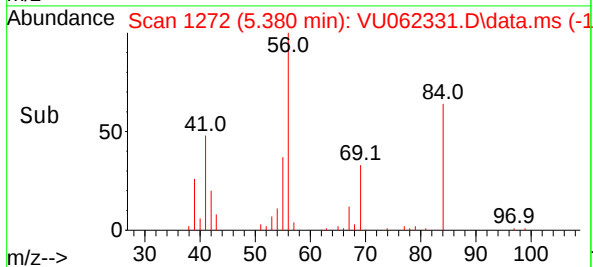
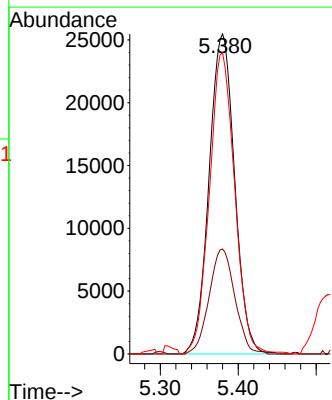
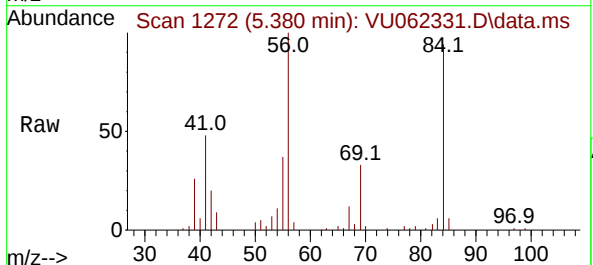
Instrument :
MSVOA_U
ClientSampleId :

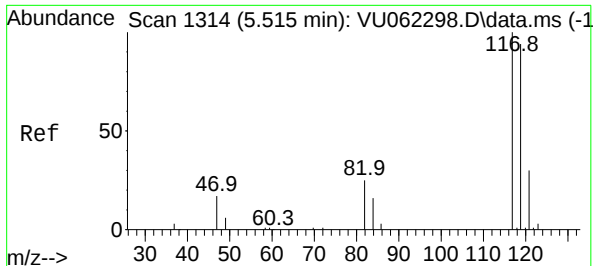
Tgt Ion:	97	Resp:	73529
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	40.1	37.8	56.6



#30
Cyclohexane
Concen: 4.723 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion:	56	Resp:	58011
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.1	37.7
84	93.3	70.6	105.8





#31

Carbon tetrachloride

Concen: 4.895 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

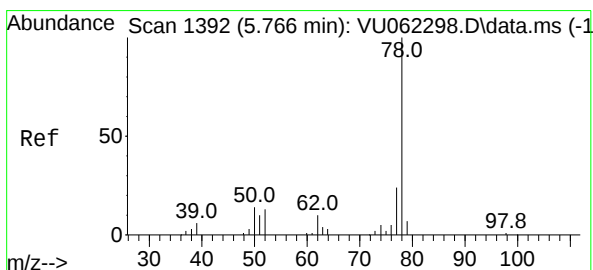
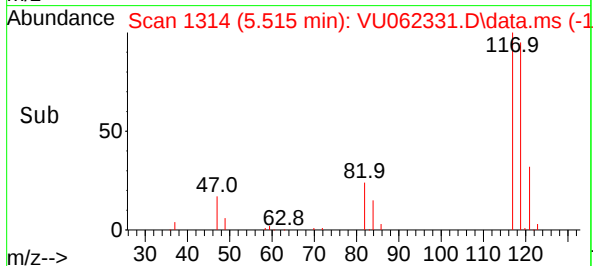
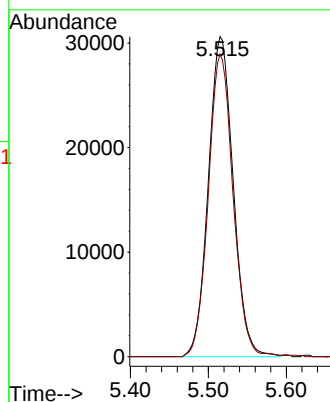
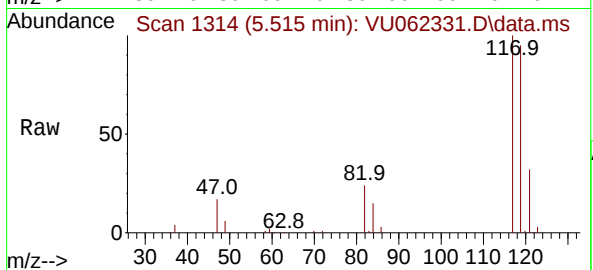
ClientSampleId :

Tgt Ion:117 Resp: 67993

Ion Ratio Lower Upper

117 100

119 93.9 77.5 116.3



#33

Benzene

Concen: 4.756 ug/L

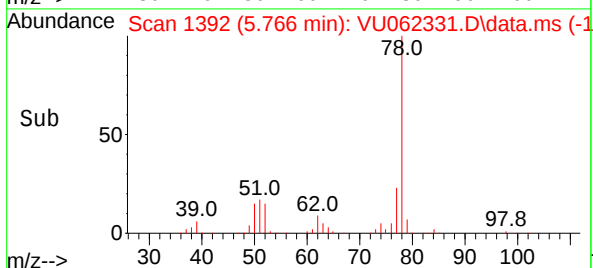
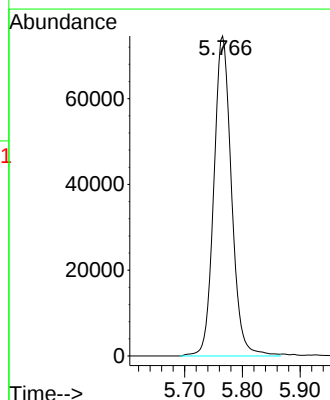
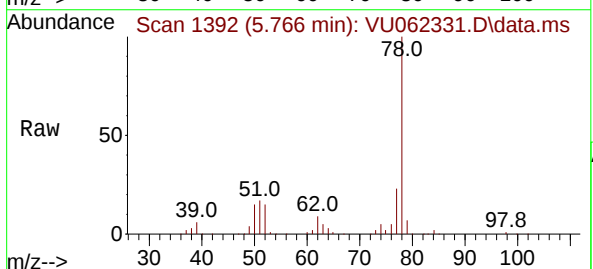
RT: 5.766 min Scan# 1392

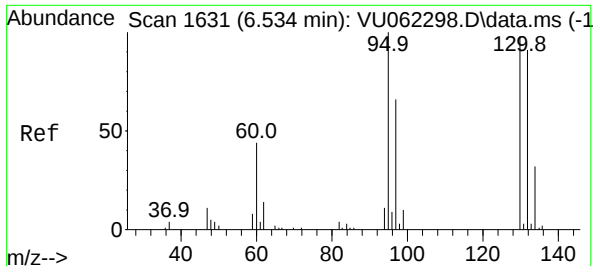
Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Tgt Ion: 78 Resp: 158724

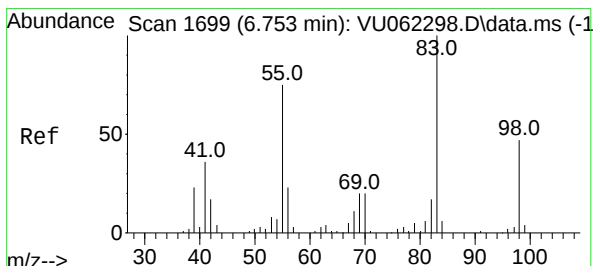
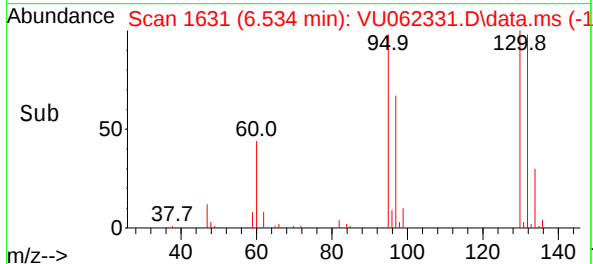
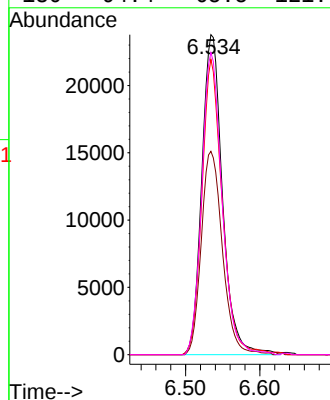
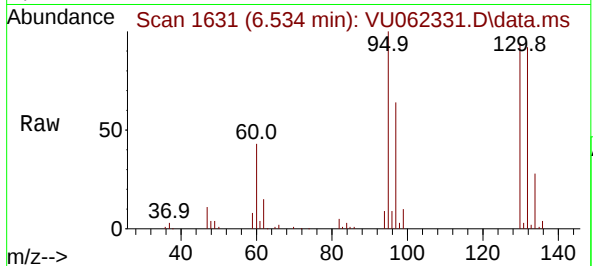




#34
Trichloroethene
Concen: 4.874 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

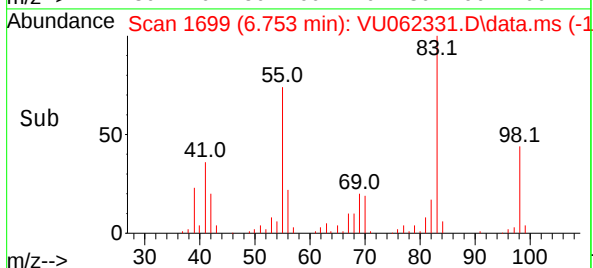
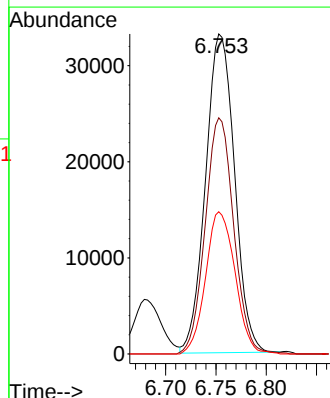
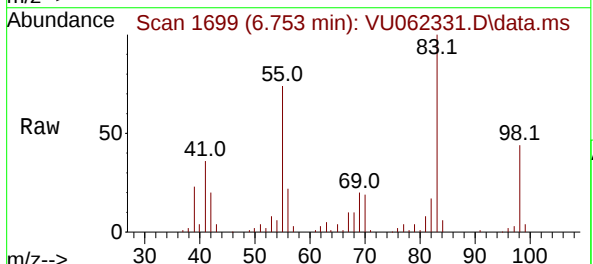
Instrument :
MSVOA_U
ClientSampleId :

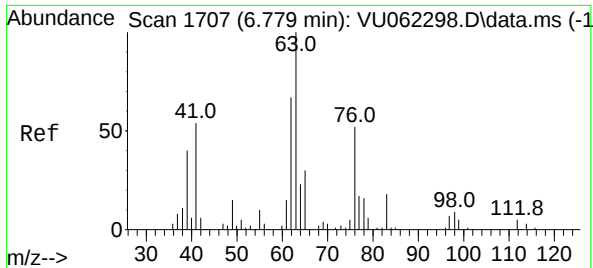
Tgt Ion: 95 Resp: 46069
Ion Ratio Lower Upper
95 100
97 63.5 45.9 85.3
132 92.3 63.8 118.4
130 94.4 65.5 121.7



#35
Methylcyclohexane
Concen: 4.750 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 83 Resp: 66570
Ion Ratio Lower Upper
83 100
55 72.9 60.7 91.1
98 45.3 34.8 52.2

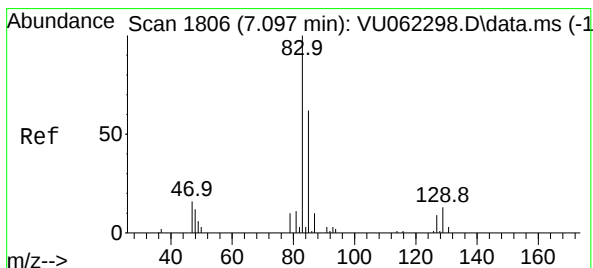
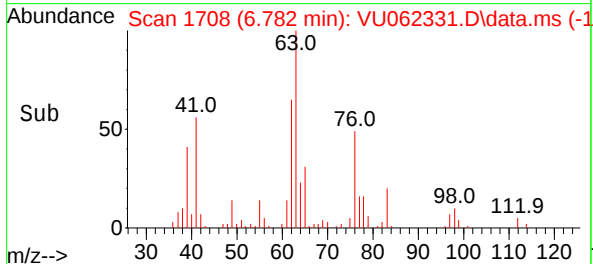
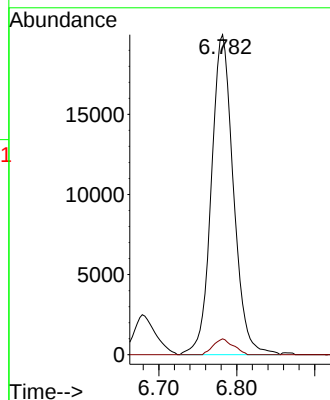
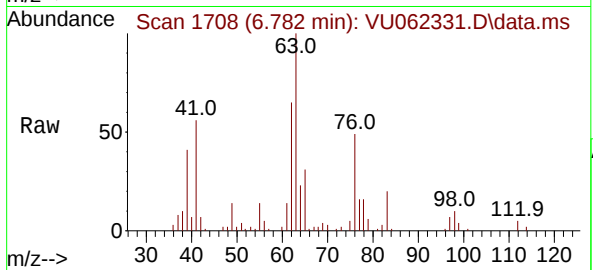




#37
1,2-Dichloropropane
Concen: 4.842 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

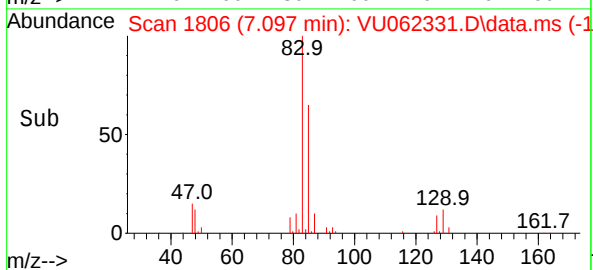
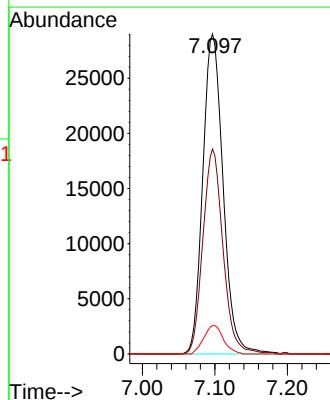
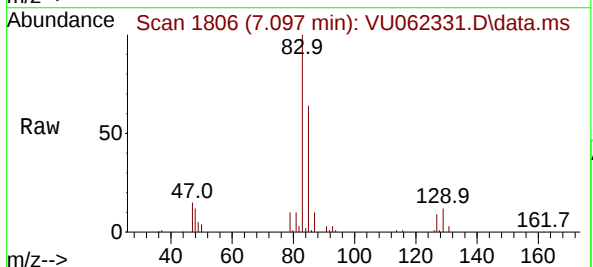
Instrument :
MSVOA_U
ClientSampleId :

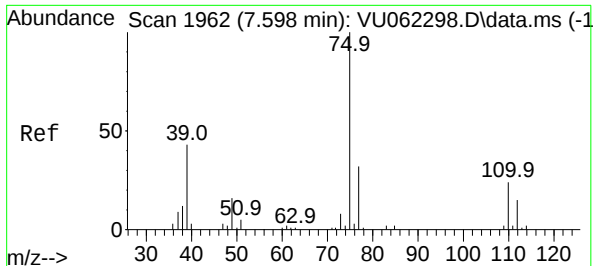
Tgt Ion: 63 Resp: 39346
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 4.922 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 83 Resp: 56433
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.676 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

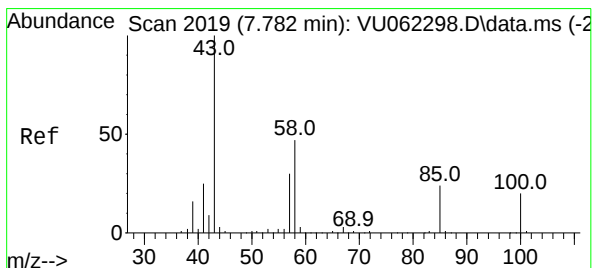
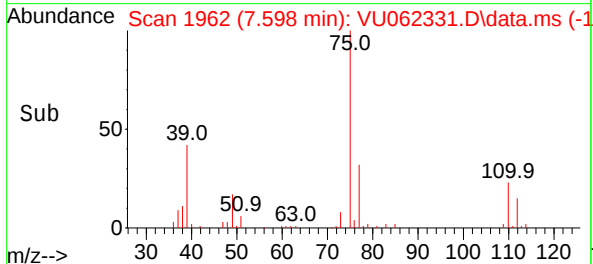
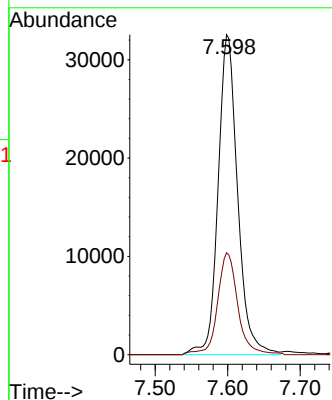
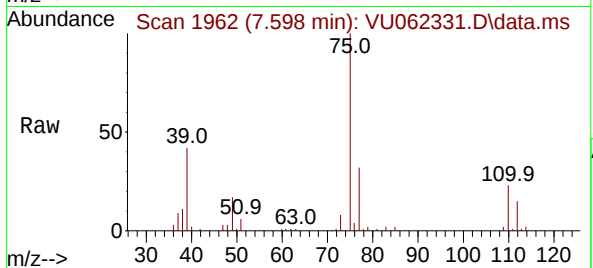
ClientSampleId :

Tgt Ion: 75 Resp: 60910

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 48.217 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

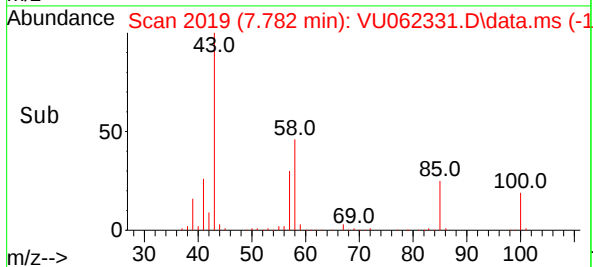
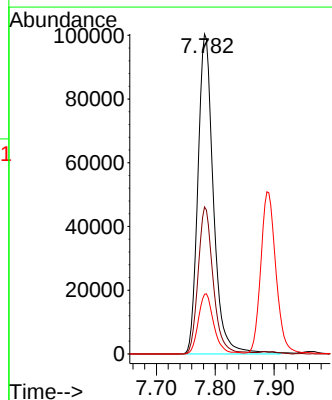
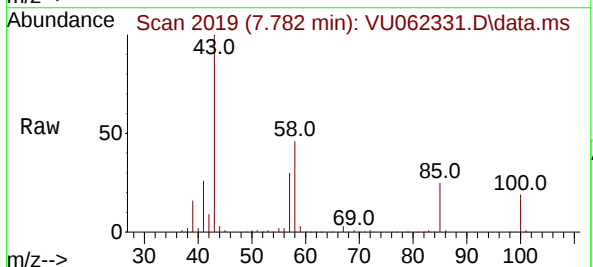
Tgt Ion: 43 Resp: 183643

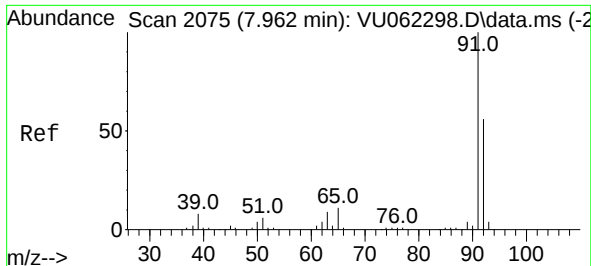
Ion Ratio Lower Upper

43 100

58 44.8 33.3 49.9

100 18.7 12.4 18.6#





#42

Toluene

Concen: 4.801 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

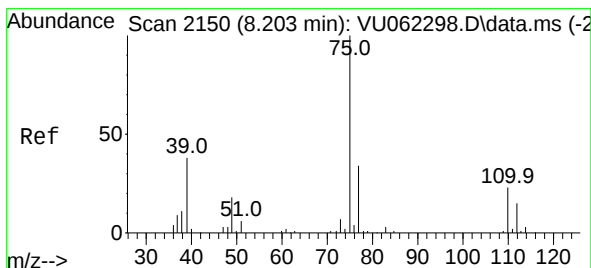
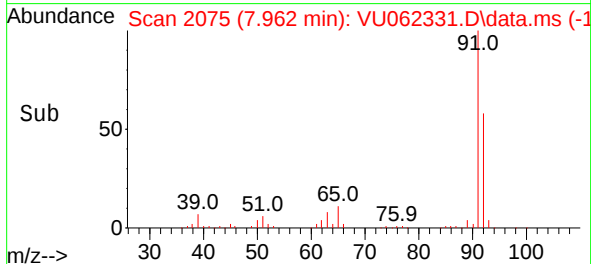
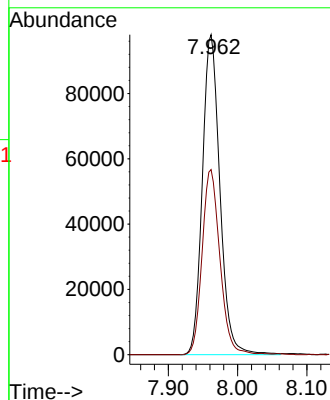
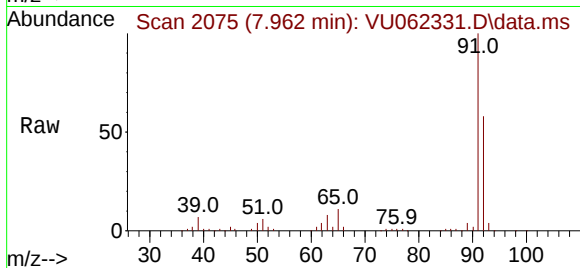
ClientSampleId :

Tgt Ion: 91 Resp: 172753

Ion Ratio Lower Upper

91 100

92 57.8 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.013 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062331.D

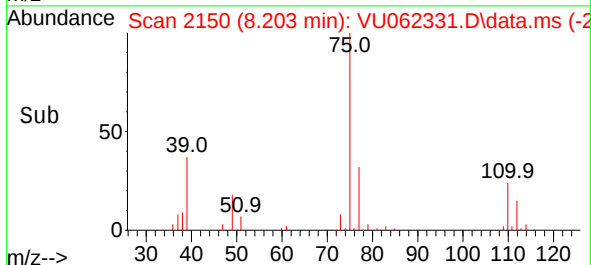
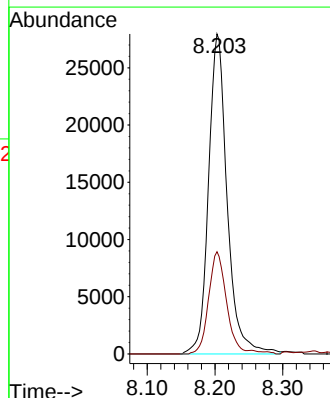
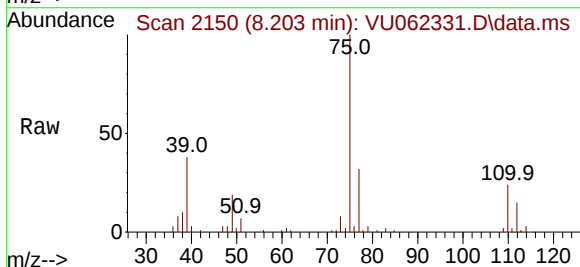
Acq: 16 Dec 2024 08:48

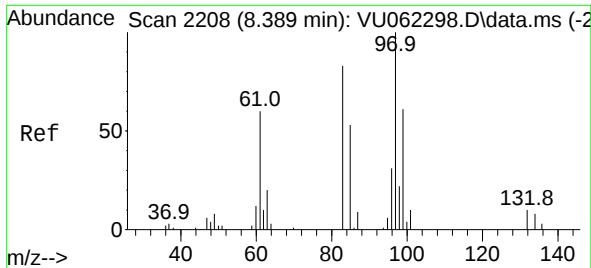
Tgt Ion: 75 Resp: 53326

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



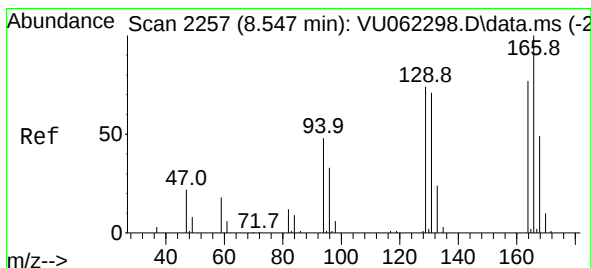
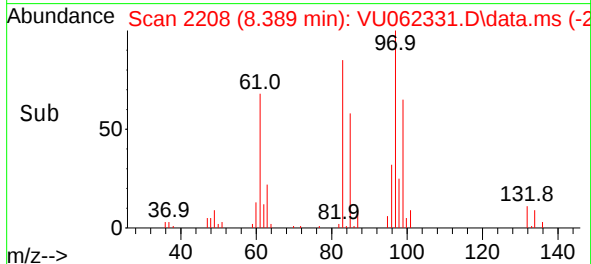
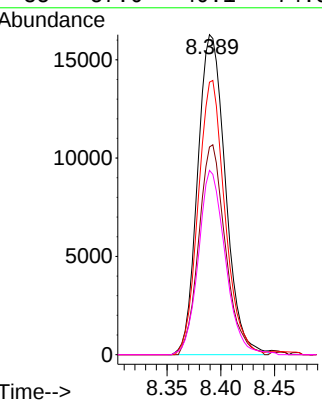
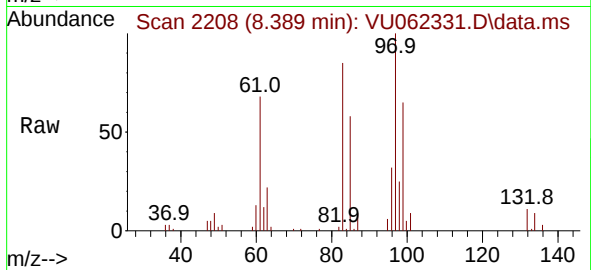


#45
1,1,2-Trichloroethane
Concen: 4.767 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 29243

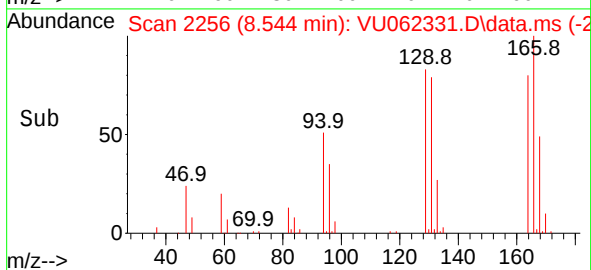
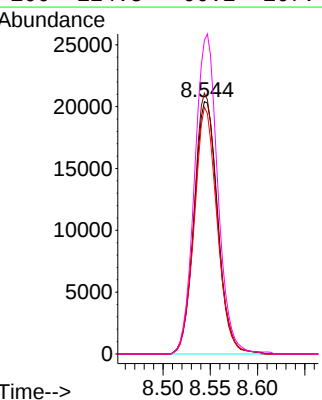
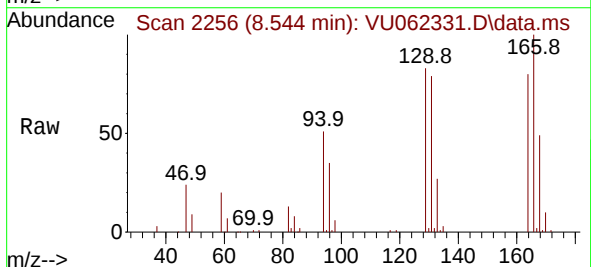
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.0	79.8
83	85.2	61.7	114.5
85	57.6	40.1	74.5

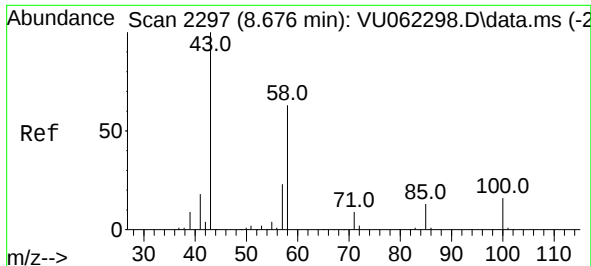


#47
Tetrachloroethene
Concen: 4.870 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 164 Resp: 35545

Ion	Ratio	Lower	Upper
164	100		
129	103.3	73.2	136.0
131	97.8	72.3	134.3
166	124.3	90.2	167.4





#48

2-Hexanone

Concen: 46.884 ug/L

RT: 8.679 min Scan# 2297

Delta R.T. 0.003 min

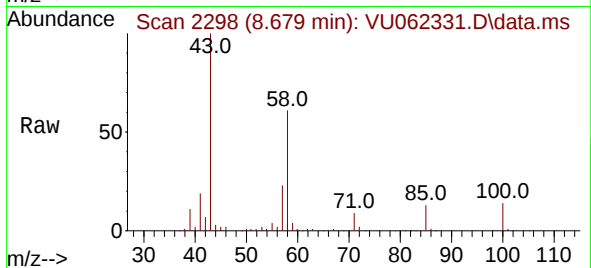
Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 131966

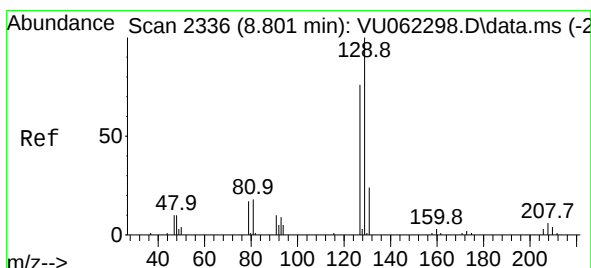
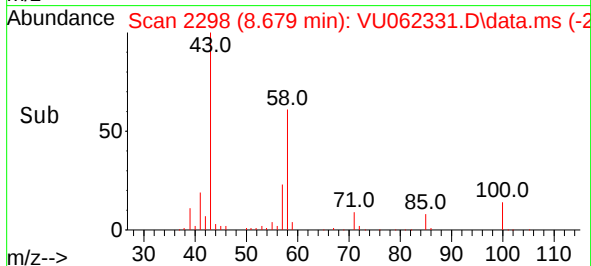
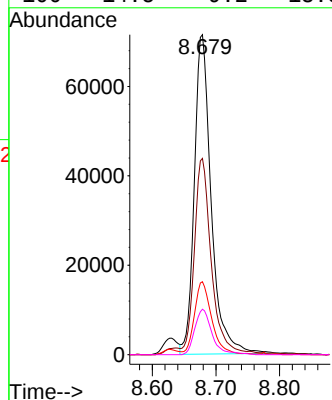
Ion Ratio Lower Upper

43 100

58 61.0 47.5 71.3

57 22.6 15.6 23.4

100 14.5 9.2 13.8#



#49

Dibromochloromethane

Concen: 5.028 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU062331.D

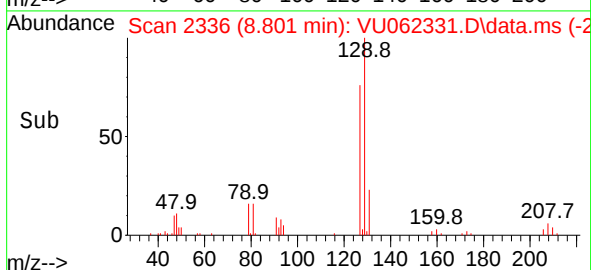
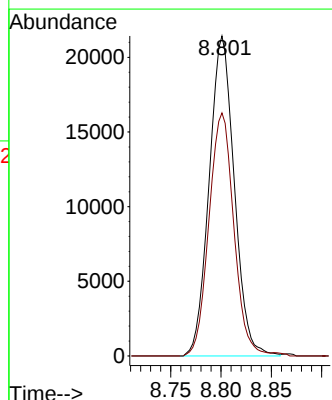
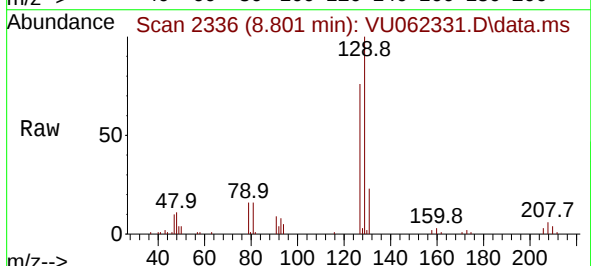
Acq: 16 Dec 2024 08:48

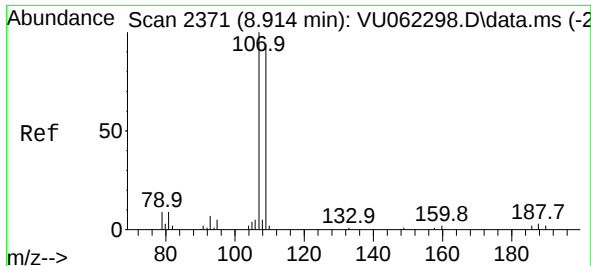
Tgt Ion:129 Resp: 37270

Ion Ratio Lower Upper

129 100

127 76.0 51.1 94.9

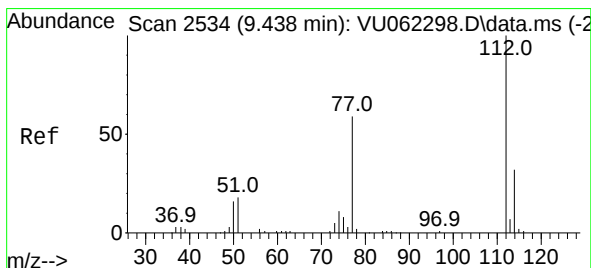
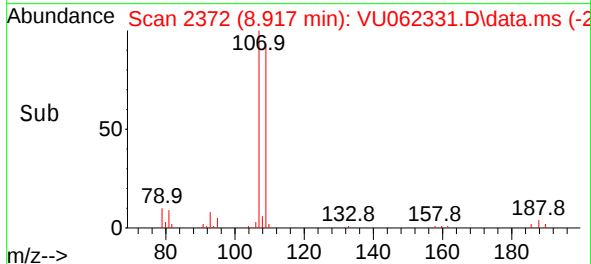
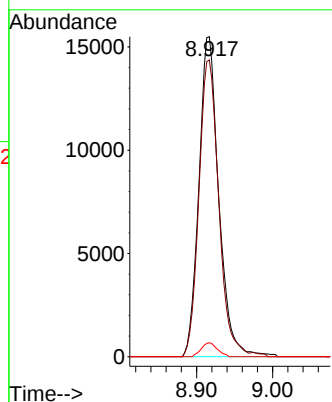
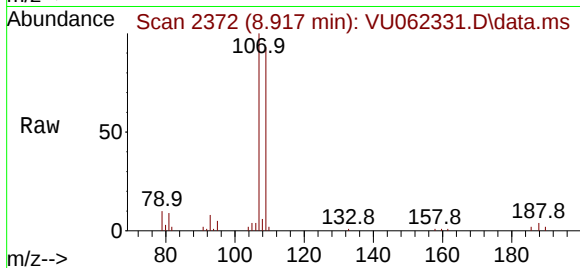




#50
1,2-Dibromoethane
Concen: 4.773 ug/L
RT: 8.917 min Scan# 2371
Delta R.T. 0.003 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

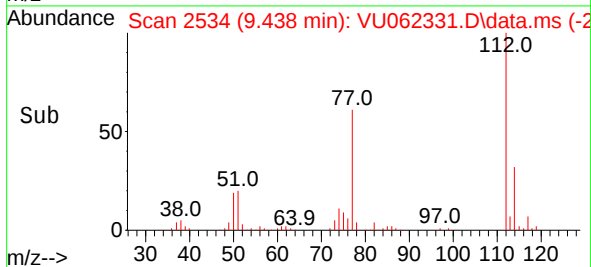
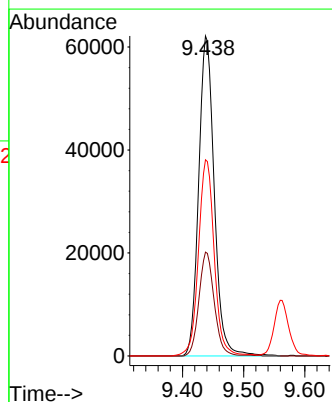
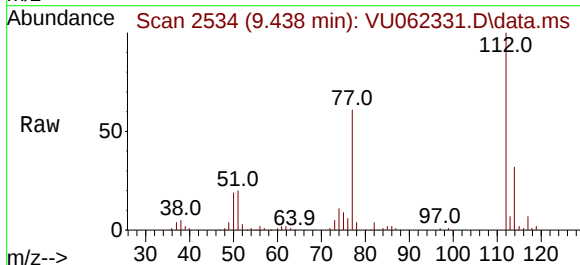
Instrument :
MSVOA_U
ClientSampleId :

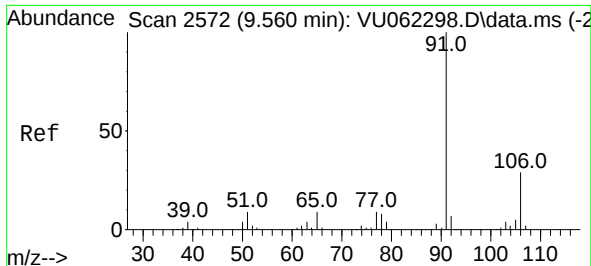
Tgt Ion:107 Resp: 28137
Ion Ratio Lower Upper
107 100
109 92.7 66.8 124.2
188 4.3 2.3 3.5#



#51
Chlorobenzene
Concen: 4.770 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion:112 Resp: 109987
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 61.3 50.5 75.7





#52

Ethylbenzene

Concen: 4.764 ug/L

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

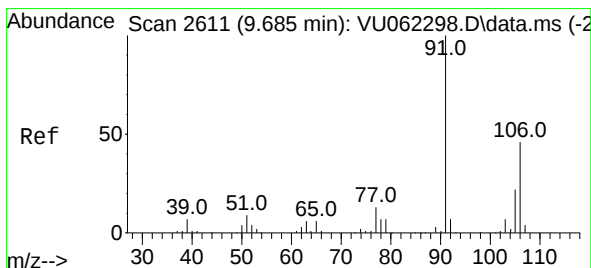
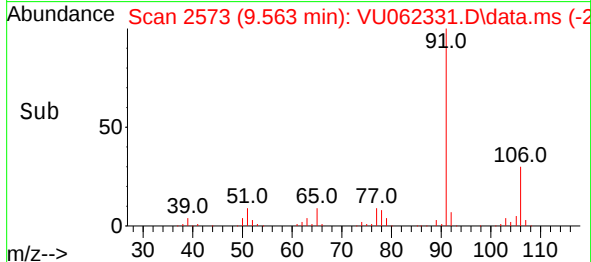
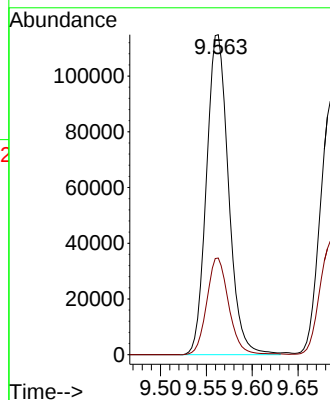
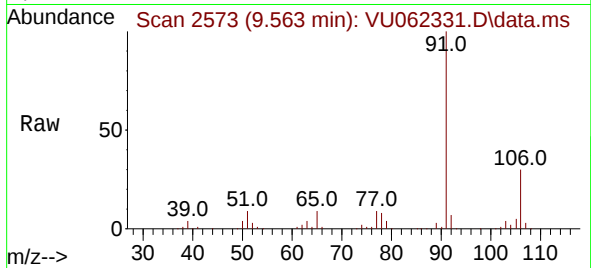
ClientSampleId :

Tgt Ion: 91 Resp: 192178

Ion Ratio Lower Upper

91 100

106 30.2 21.6 40.0



#53

m,p-Xylene

Concen: 4.911 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU062331.D

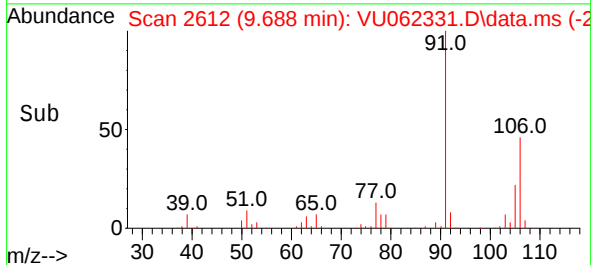
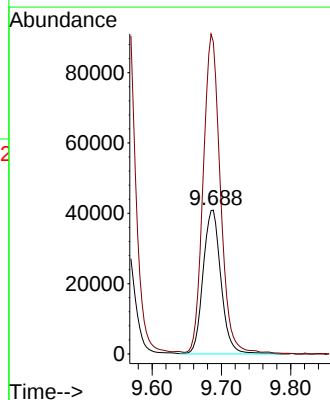
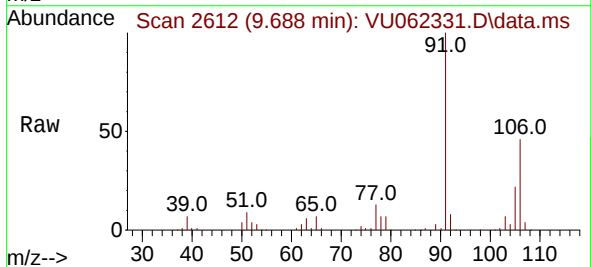
Acq: 16 Dec 2024 08:48

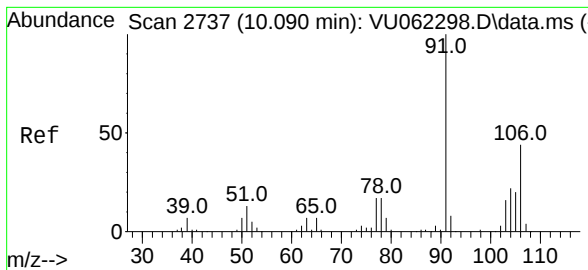
Tgt Ion:106 Resp: 73147

Ion Ratio Lower Upper

106 100

91 216.9 147.6 274.0

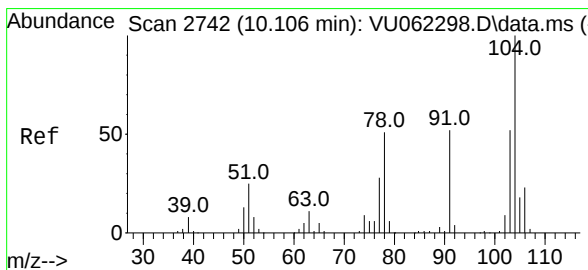
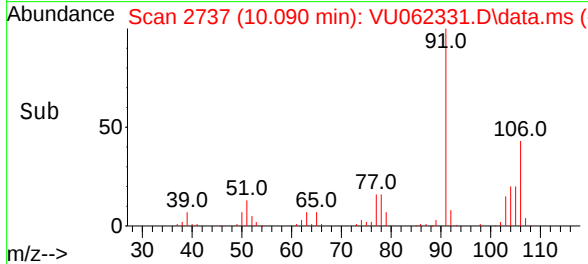
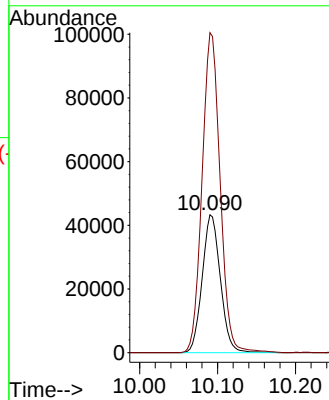
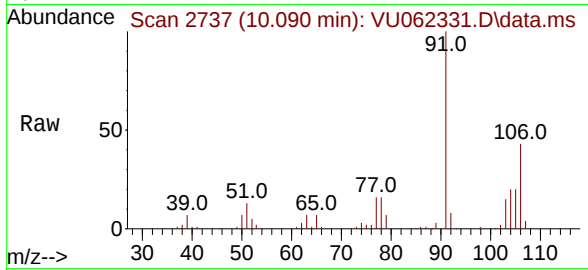




#54
o-Xylene
Concen: 4.839 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

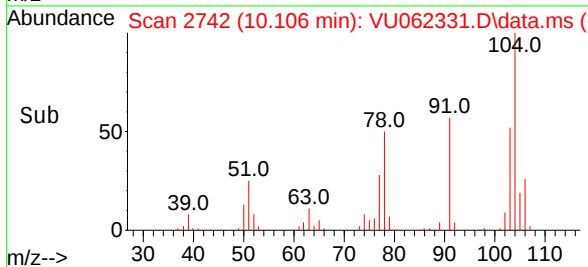
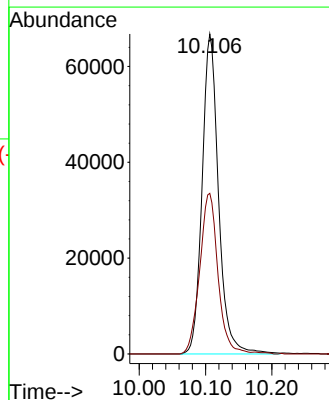
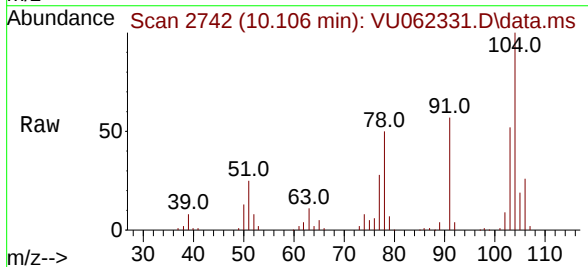
Instrument :
MSVOA_U
ClientSampleId :

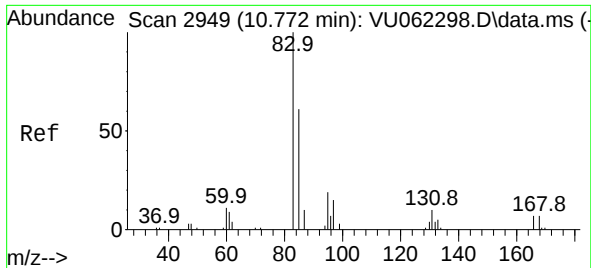
Tgt Ion:106 Resp: 70096
Ion Ratio Lower Upper
106 100
91 232.1 159.8 296.8



#55
Styrene
Concen: 4.815 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion:104 Resp: 114983
Ion Ratio Lower Upper
104 100
78 50.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.600 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062331.D

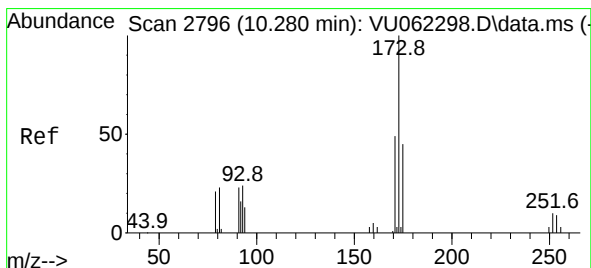
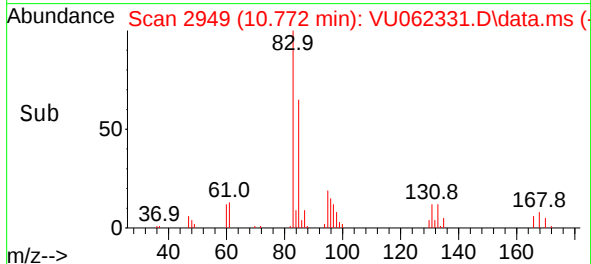
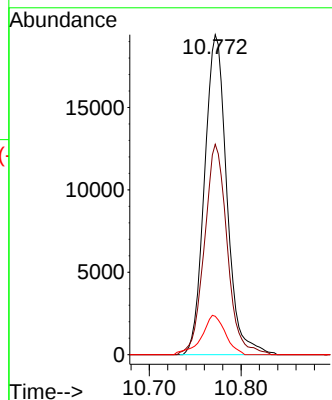
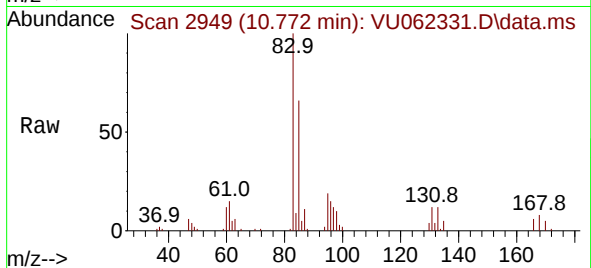
Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	32845
Ion Ratio	Lower	Upper	
83	100		
85	65.8	44.4	82.4
131	12.0	7.3	10.9#



#59

Bromoform

Concen: 5.184 ug/L

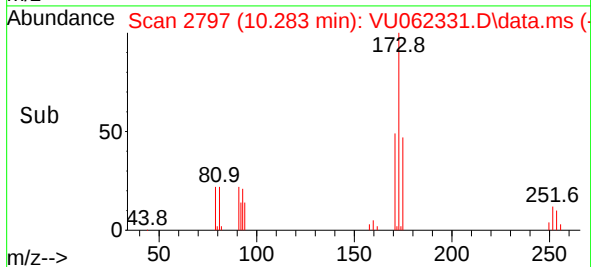
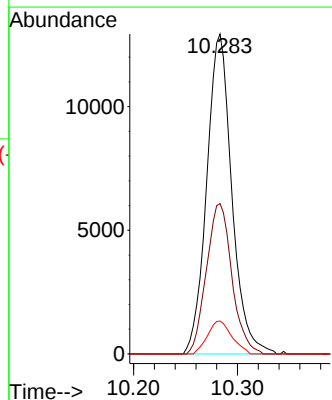
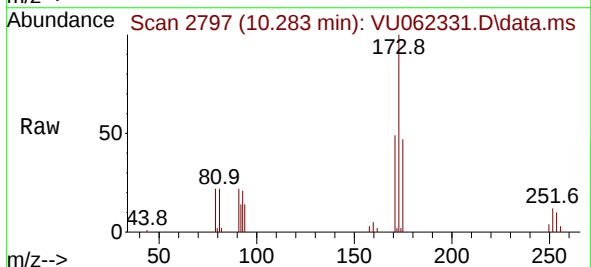
RT: 10.283 min Scan# 2797

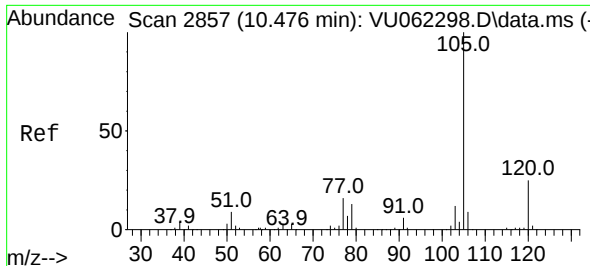
Delta R.T. 0.003 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Tgt Ion:	173	Resp:	21710
Ion Ratio	Lower	Upper	
173	100		
175	47.6	39.0	58.4
254	9.9	7.4	11.0

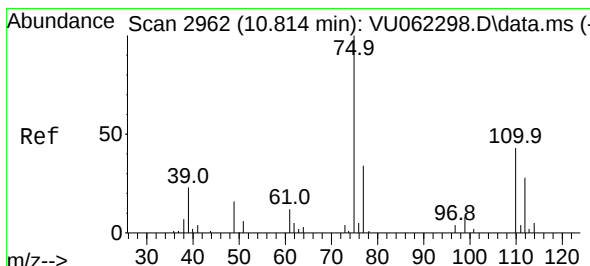
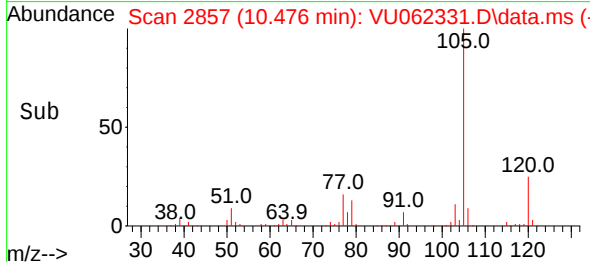
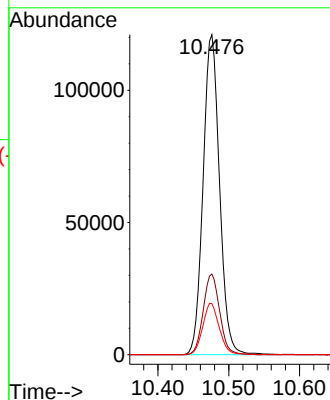
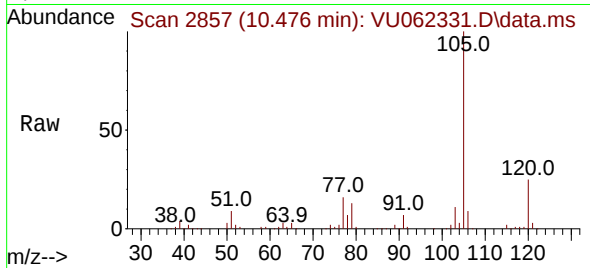




#60
Isopropylbenzene
Concen: 5.063 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

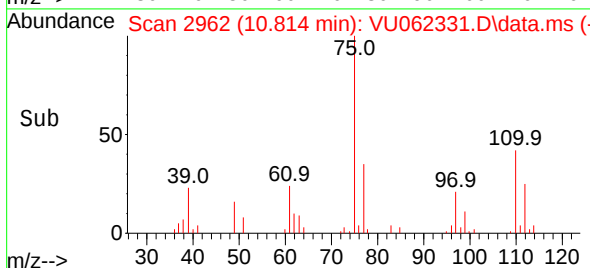
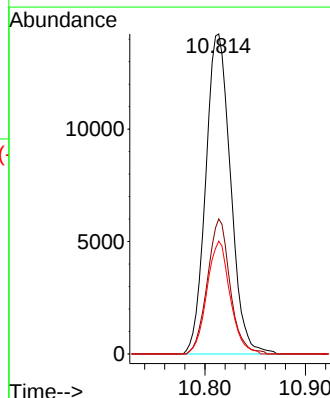
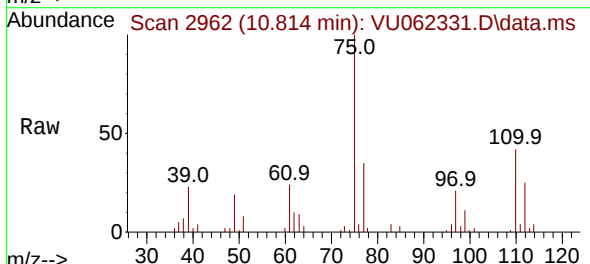
Instrument :
MSVOA_U
ClientSampleId :

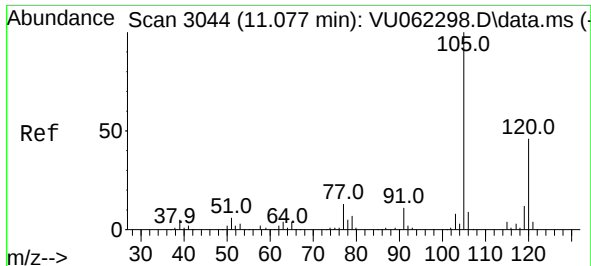
Tgt Ion:105 Resp: 194886
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion: 75 Resp: 24447
Ion Ratio Lower Upper
75 100
110 38.5 28.9 43.3
77 32.9 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.066 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

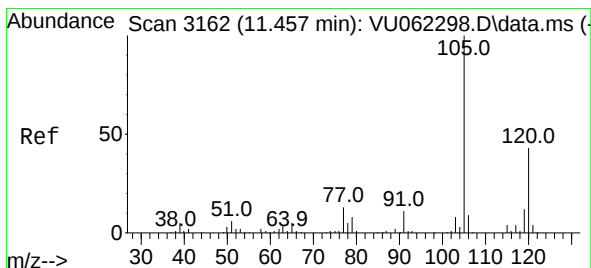
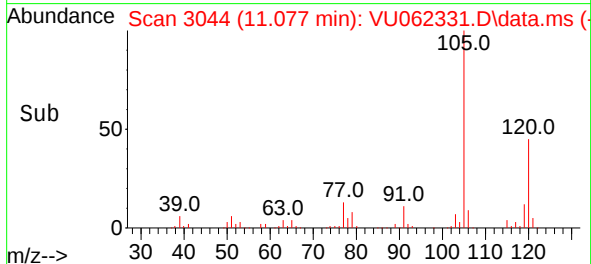
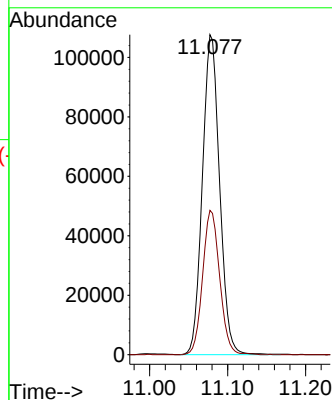
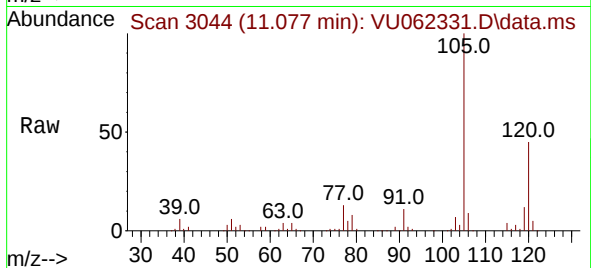
ClientSampleId :

Tgt Ion:105 Resp: 165045

Ion Ratio Lower Upper

105 100

120 44.7 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.063 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062331.D

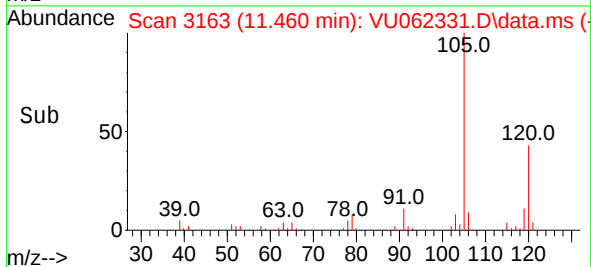
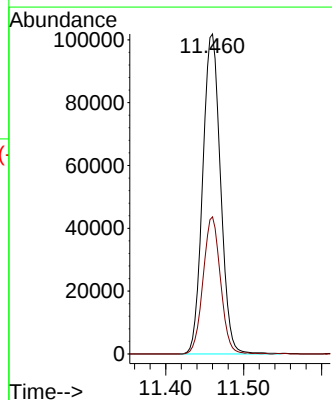
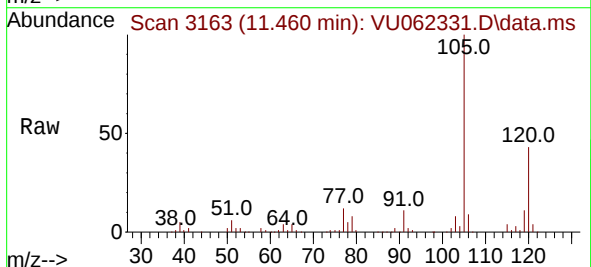
Acq: 16 Dec 2024 08:48

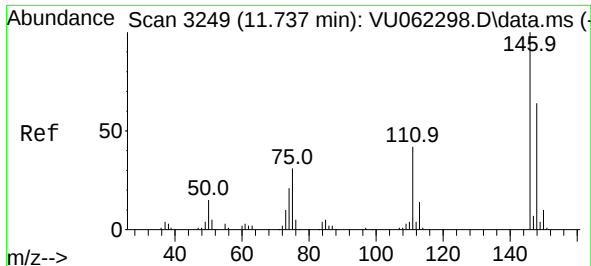
Tgt Ion:105 Resp: 161582

Ion Ratio Lower Upper

105 100

120 41.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.900 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

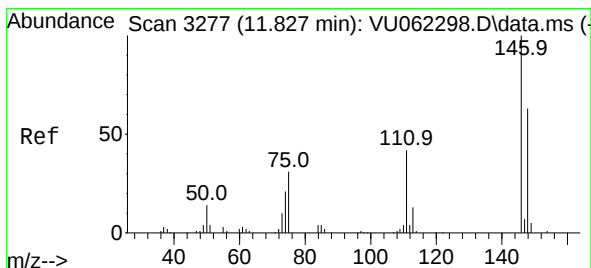
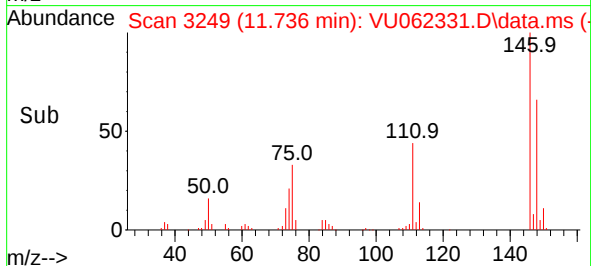
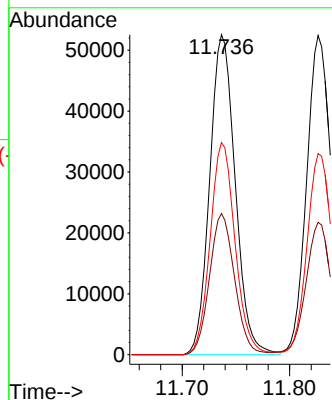
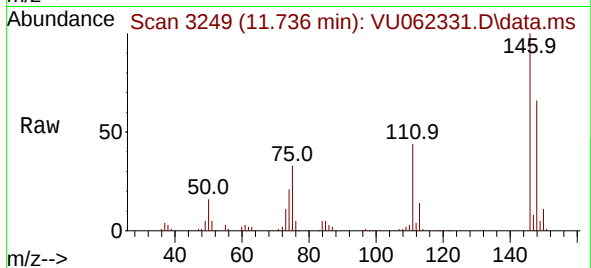
Tgt Ion:146 Resp: 86638

Ion Ratio Lower Upper

146 100

111 44.1 30.7 57.1

148 66.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.892 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

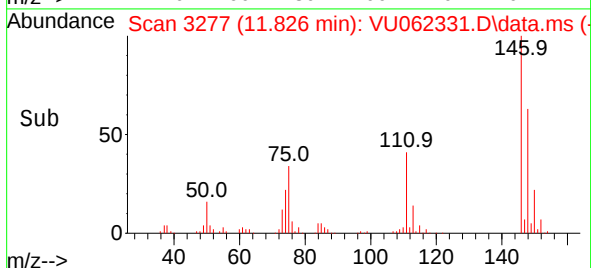
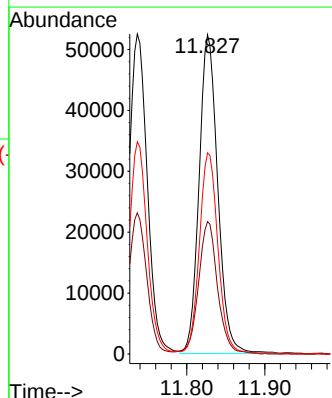
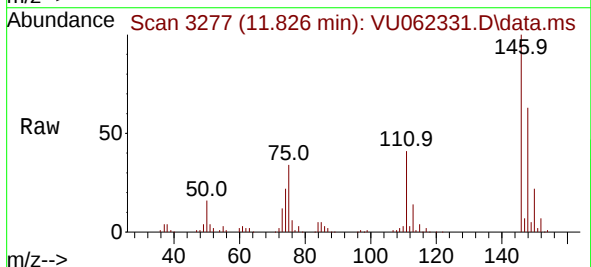
Tgt Ion:146 Resp: 87110

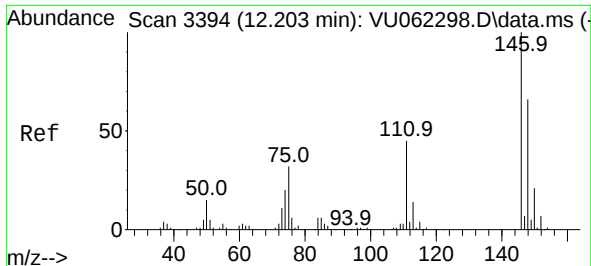
Ion Ratio Lower Upper

146 100

111 41.5 29.3 54.3

148 63.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.888 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

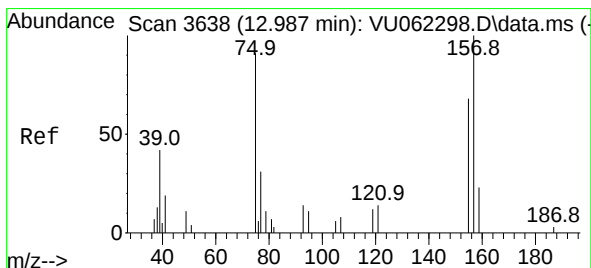
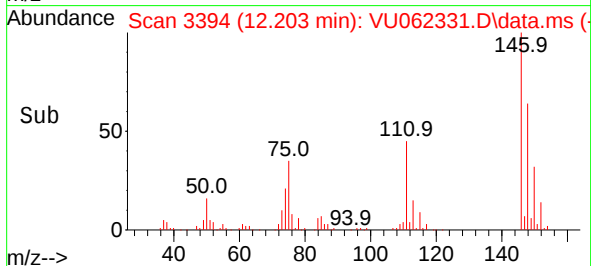
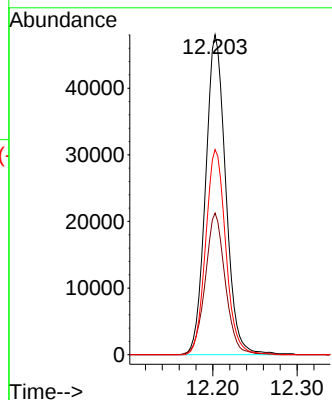
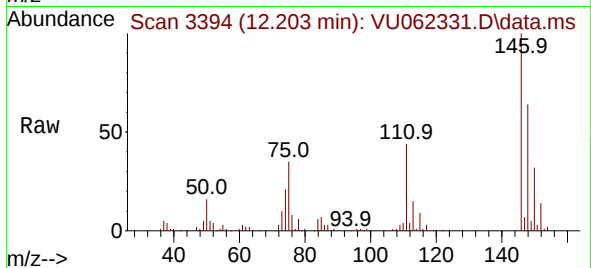
Tgt Ion:146 Resp: 79875

Ion Ratio Lower Upper

146 100

111 44.2 36.0 54.0

148 64.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.066 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

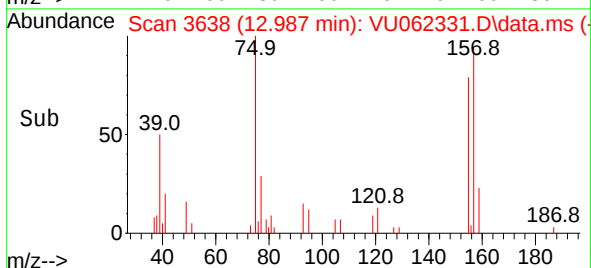
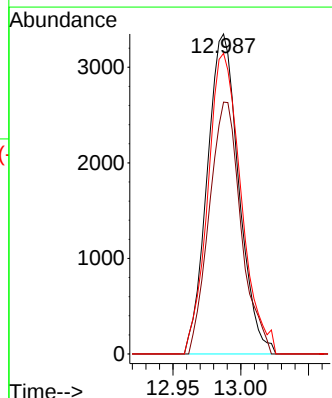
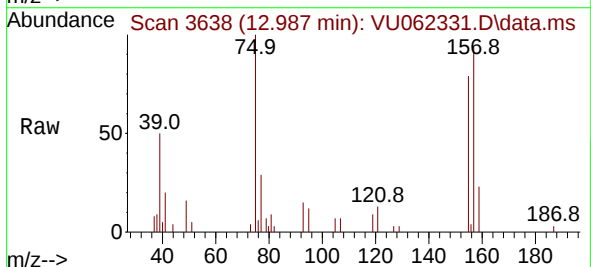
Tgt Ion: 75 Resp: 5445

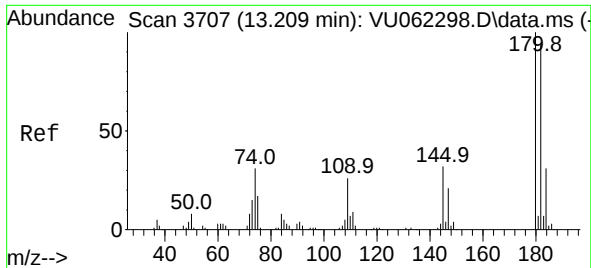
Ion Ratio Lower Upper

75 100

155 78.7 55.2 82.8

157 94.0 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.886 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 64227

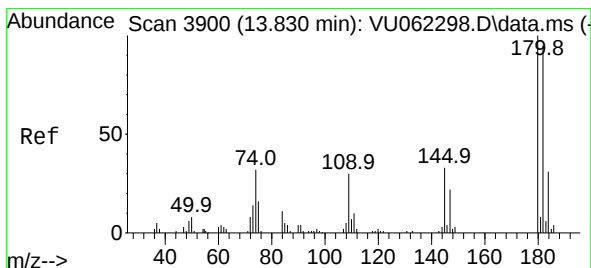
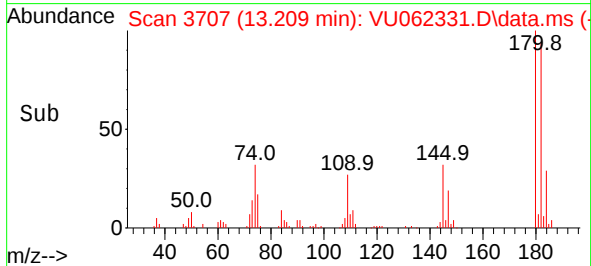
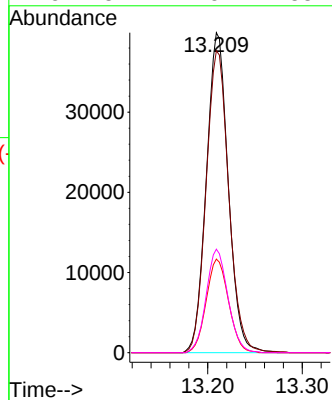
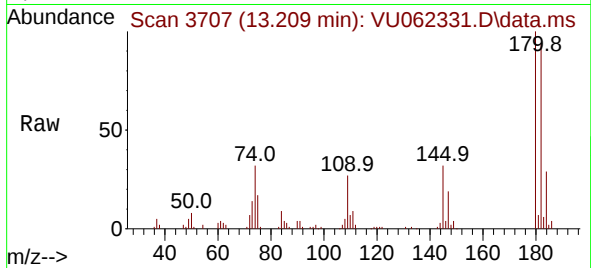
Ion Ratio Lower Upper

180 100

182 97.4 76.7 115.1

184 29.8 24.8 37.2

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.626 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062331.D

Acq: 16 Dec 2024 08:48

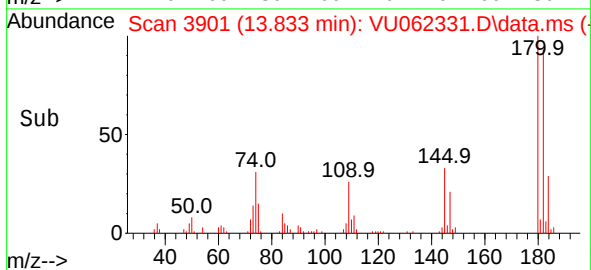
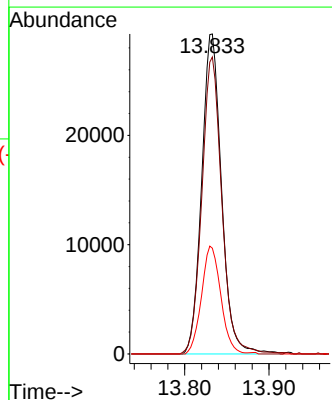
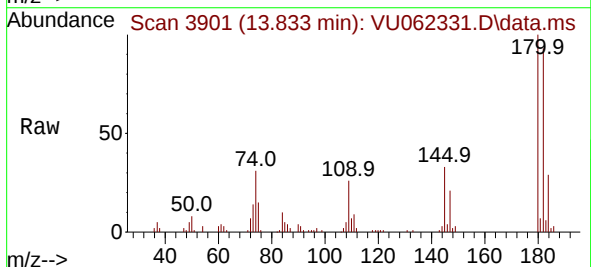
Tgt Ion:180 Resp: 48011

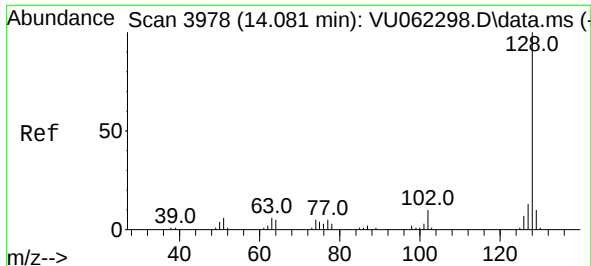
Ion Ratio Lower Upper

180 100

182 93.5 74.5 111.7

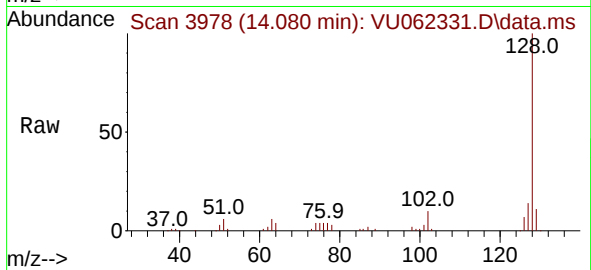
145 32.7 25.6 38.4



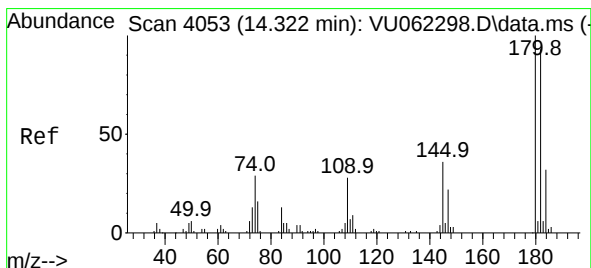
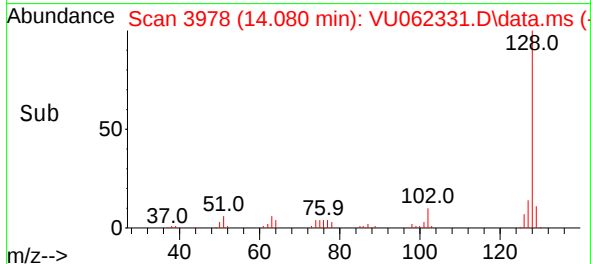
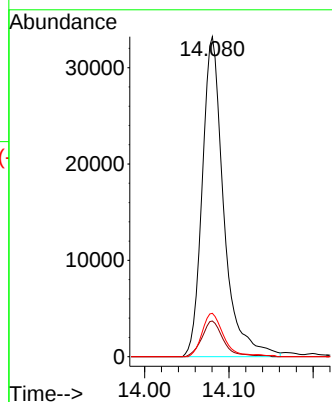


#71
Naphthalene
Concen: 3.788 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 59035
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.337 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062331.D
Acq: 16 Dec 2024 08:48

Tgt Ion:180 Resp: 39696
Ion Ratio Lower Upper
180 100
182 90.4 76.1 114.1
145 33.7 27.4 41.0

