

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062298.D
 Acq On : 13 Dec 2024 08:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23586	3.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.911	69	19767	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.563	65	12199	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	64487	51.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	5.052	84	65021	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	32357	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.718	84	107806	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.682	67	32435	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	100278	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.171	79	14496	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	47581	47.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28615	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	39321	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47510	5.191	ug/L	97
3) Chloromethane	1.515	50	35063	4.888	ug/L	100
5) Vinyl chloride	1.602	62	39447	5.281	ug/L	100
6) Bromomethane	1.856	94	24593	4.940	ug/L	100
8) Chloroethane	1.933	64	22843	5.460	ug/L	96
9) Trichlorofluoromethane	2.132	101	69958	5.396	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	38204	5.414	ug/L	91
12) 1,1-Dichloroethene	2.573	96	33259	5.042	ug/L	90
13) Acetone	2.653	43	47974	55.788	ug/L	99
14) Carbon disulfide	2.788	76	100395	4.813	ug/L	100
15) Methyl Acetate	2.959	43	11284	5.236	ug/L	98
16) Methylene chloride	3.039	84	35036	5.059	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	84001	5.112	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	34509	5.091	ug/L	95
19) 1,1-Dichloroethane	3.859	63	63625	5.121	ug/L	98
21) 2-Butanone	4.714	43	67923	54.389	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	39684	5.223	ug/L	97
23) Bromochloromethane	4.965	128	18142	5.448	ug/L	# 79
25) Chloroform	5.078	83	73733	5.269	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062298.D
 Acq On : 13 Dec 2024 08:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

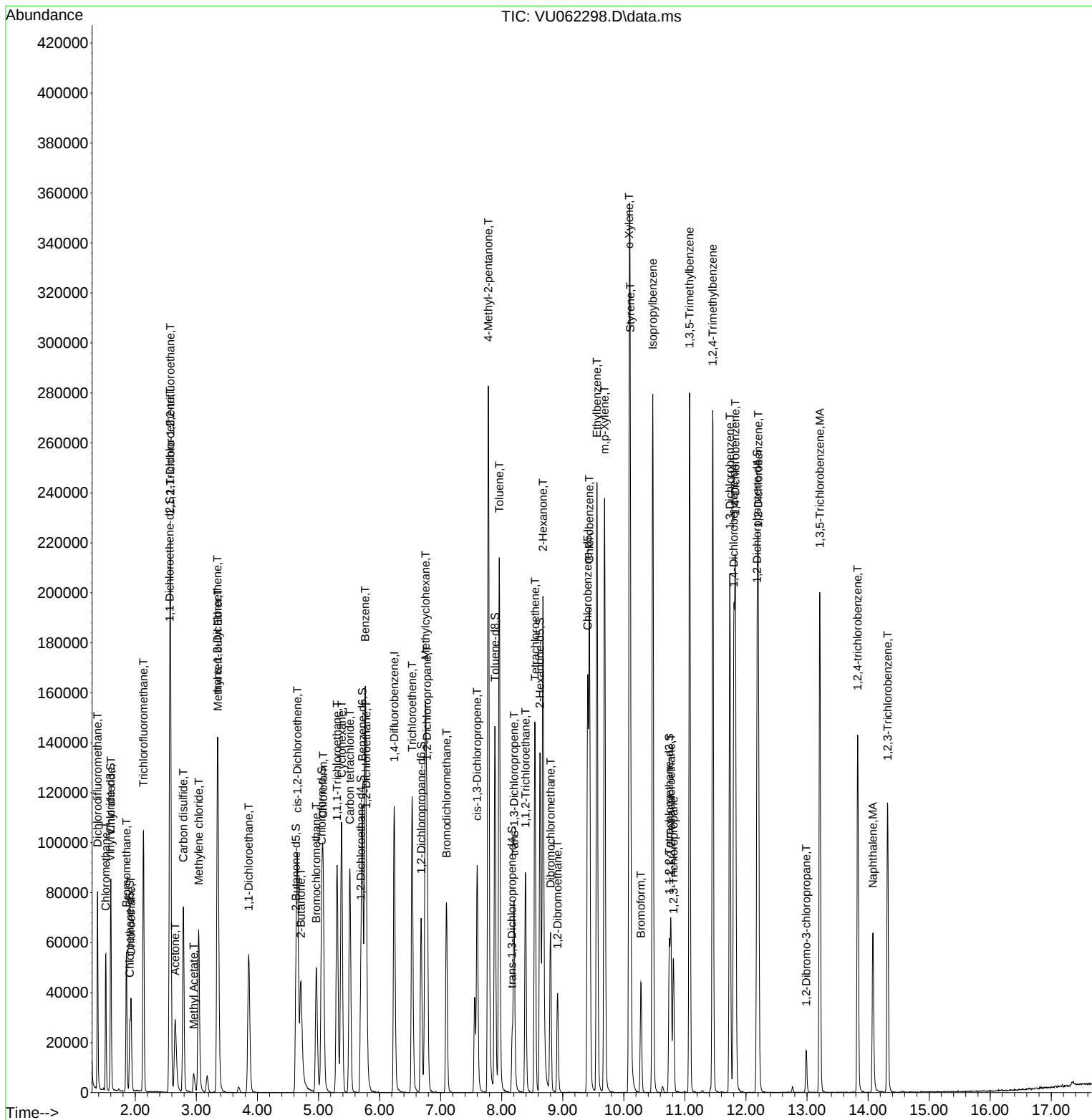
Instrument :
 MSVOA_U
 ClientSampleId :

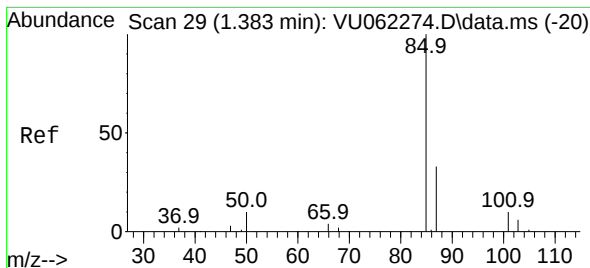
Quant Time: Dec 14 03:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45408	5.106	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	70691	5.454	ug/L	94
30) Cyclohexane	5.380	56	53534	5.094	ug/L	95
31) Carbon tetrachloride	5.515	117	64335	5.413	ug/L	99
33) Benzene	5.766	78	145283	5.088	ug/L	100
34) Trichloroethene	6.534	95	42599	5.267	ug/L	98
35) Methylcyclohexane	6.753	83	62794	5.236	ug/L	96
37) 1,2-Dichloropropane	6.779	63	36040	5.183	ug/L	100
38) Bromodichloromethane	7.097	83	51686	5.269	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	57963	5.201	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	170419	52.296	ug/L #	92
42) Toluene	7.962	91	161679	5.251	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	48871	5.370	ug/L	95
45) 1,1,2-Trichloroethane	8.389	97	27880	5.311	ug/L	96
47) Tetrachloroethene	8.547	164	33725	5.401	ug/L	94
48) 2-Hexanone	8.676	43	123103	51.116	ug/L #	95
49) Dibromochloromethane	8.801	129	34857	5.496	ug/L	97
50) 1,2-Dibromoethane	8.914	107	27104	5.374	ug/L	98
51) Chlorobenzene	9.438	112	104455	5.295	ug/L	96
52) Ethylbenzene	9.560	91	184392	5.342	ug/L	96
53) m,p-Xylene	9.685	106	68752	5.395	ug/L	97
54) o-Xylene	10.090	106	66134	5.336	ug/L	100
55) Styrene	10.106	104	109967	5.382	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31967	5.233	ug/L #	97
59) Bromoform	10.280	173	20764	5.562	ug/L	99
60) Isopropylbenzene	10.476	105	186582	5.438	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	22946	5.224	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	156183	5.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	154277	5.423	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	85643	5.433	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	83532	5.263	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77587	5.327	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5138	5.363	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	63730	5.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	45326	4.900	ug/L	98
71) Naphthalene	14.081	128	56816	4.090	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37688	4.620	ug/L	99

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

Quant Time: Dec 14 03:37:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 13 00:13:55 2024
Response via : Initial Calibration

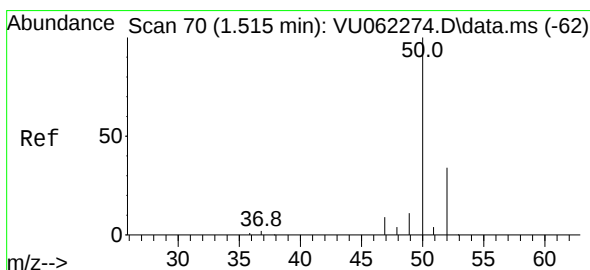
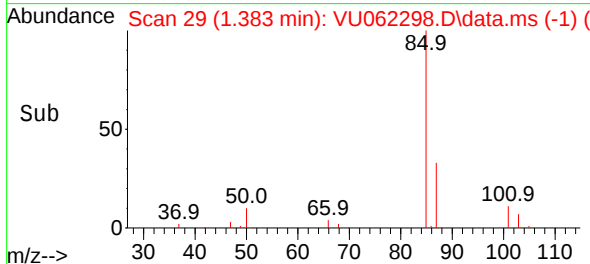
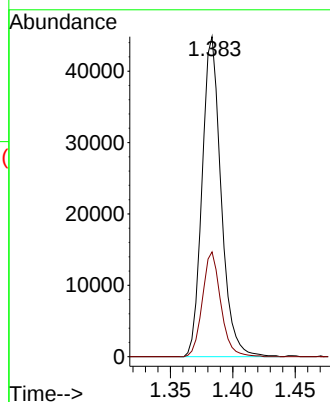
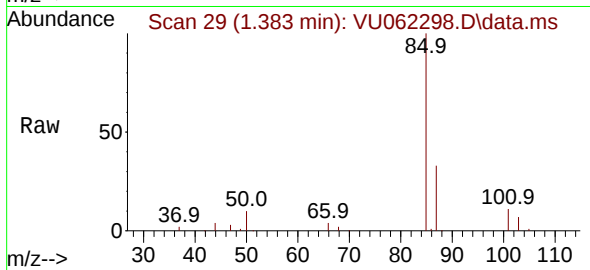




#2
 Dichlorodifluoromethane
 Concen: 5.191 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062298.D
 Acq: 13 Dec 2024 08:43

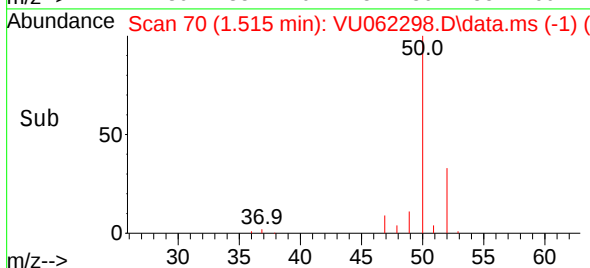
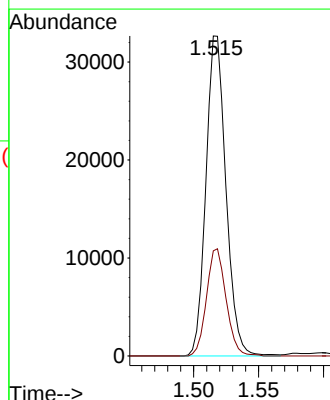
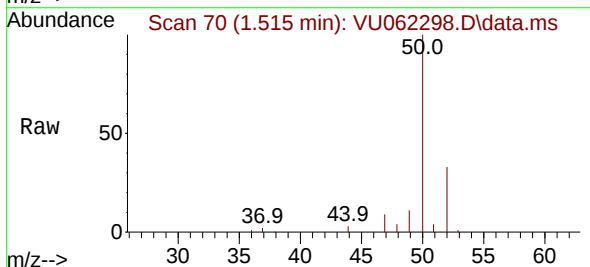
Instrument :
 MSVOA_U
 ClientSampleId :

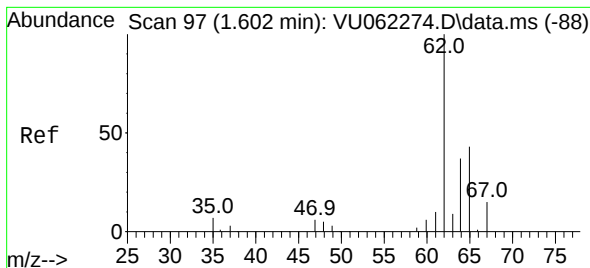
Tgt Ion: 85 Resp: 47510
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 40.0



#3
 Chloromethane
 Concen: 4.888 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062298.D
 Acq: 13 Dec 2024 08:43

Tgt Ion: 50 Resp: 35063
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9





#5

Vinyl chloride

Concen: 5.281 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

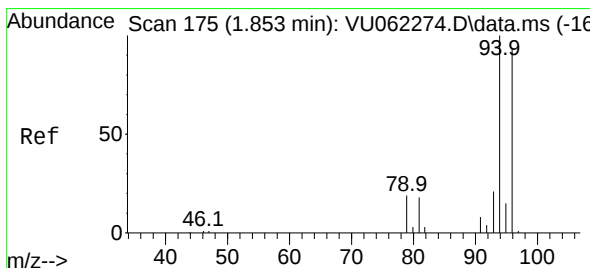
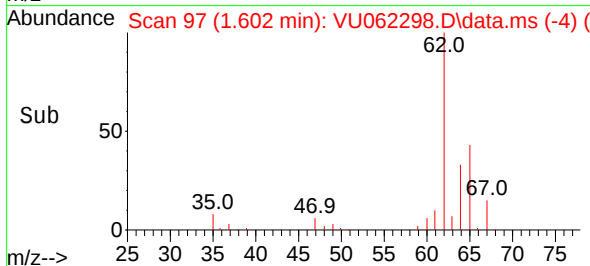
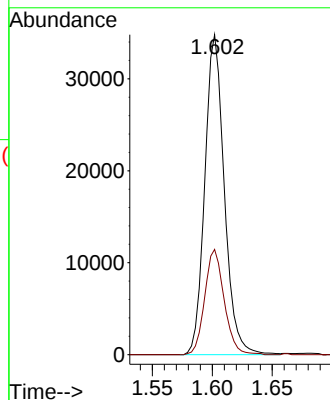
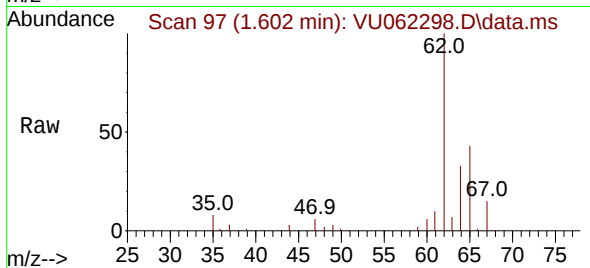
ClientSampleId :

Tgt Ion: 62 Resp: 39447

Ion Ratio Lower Upper

62 100

64 32.9 23.1 42.9



#6

Bromomethane

Concen: 4.940 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU062298.D

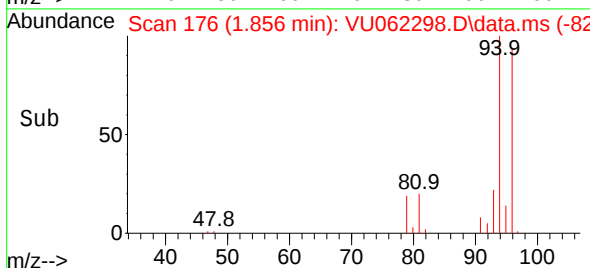
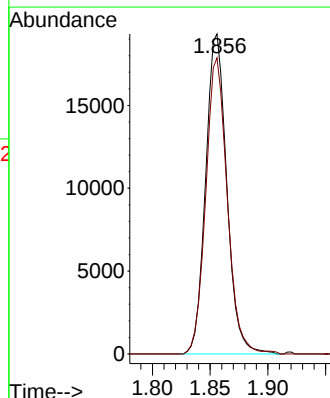
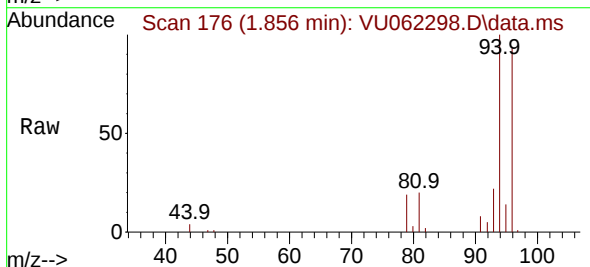
Acq: 13 Dec 2024 08:43

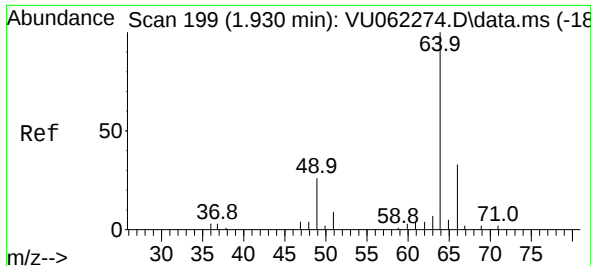
Tgt Ion: 94 Resp: 24593

Ion Ratio Lower Upper

94 100

96 92.5 64.5 119.9

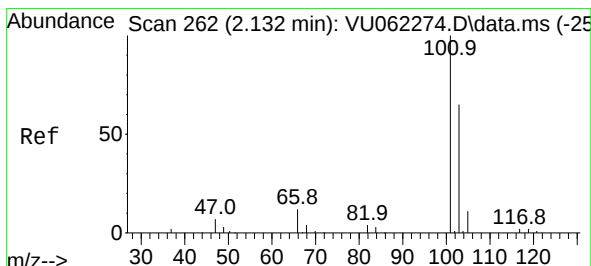
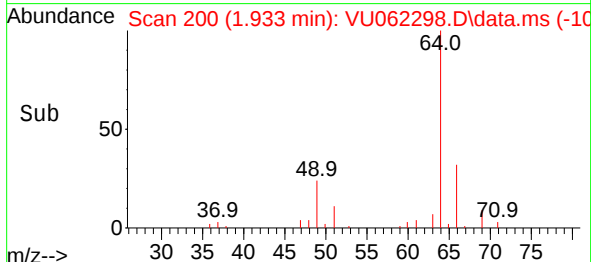
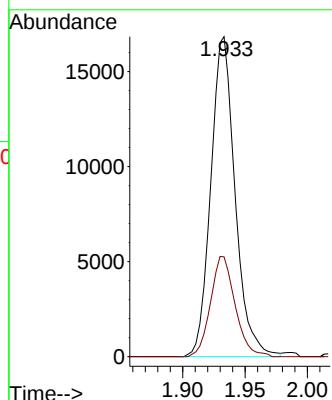
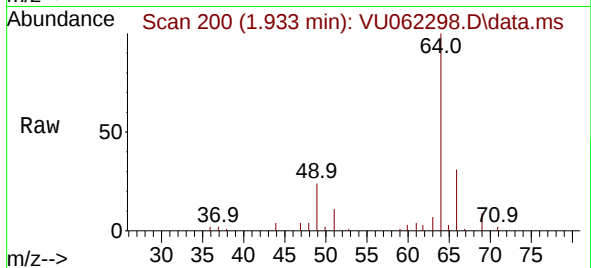




#8
Chloroethane
Concen: 5.460 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

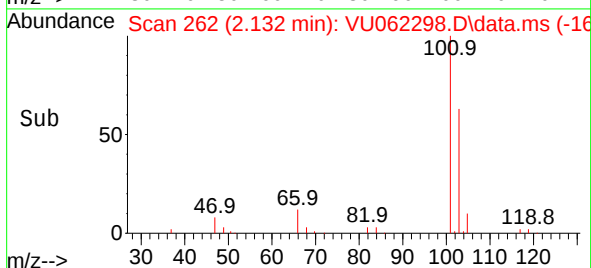
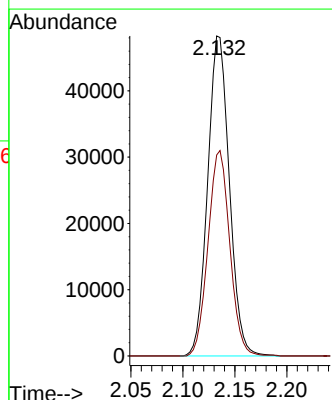
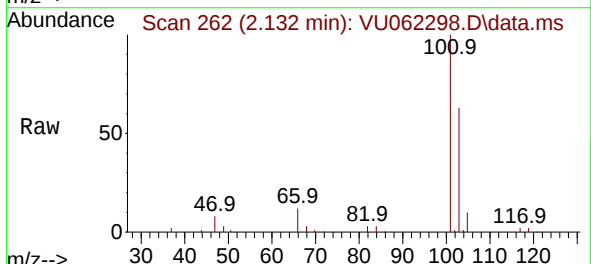
Instrument :
MSVOA_U
ClientSampleId :

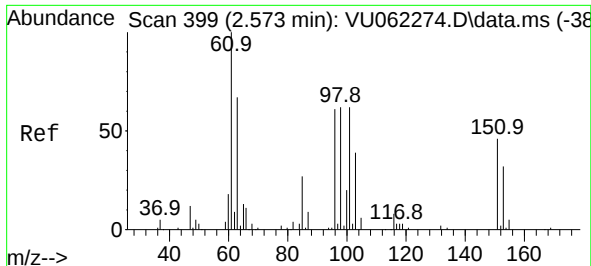
Tgt Ion: 64 Resp: 22843
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.396 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:101 Resp: 69958
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8





#10

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

Concen: 5.414 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU062298.D

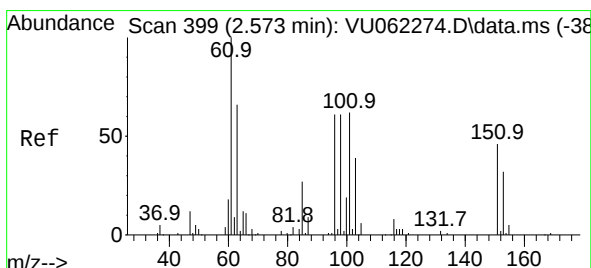
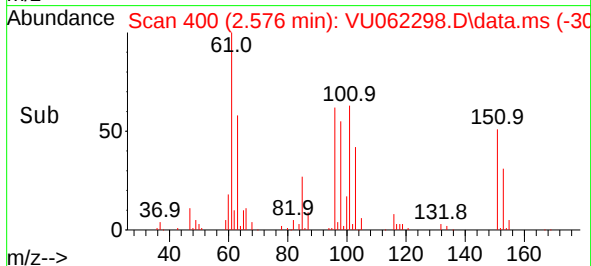
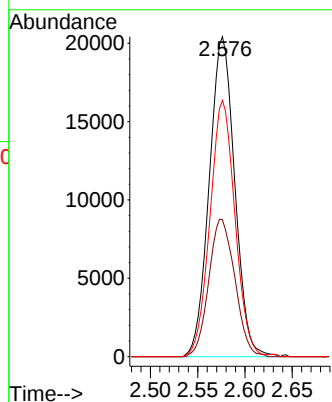
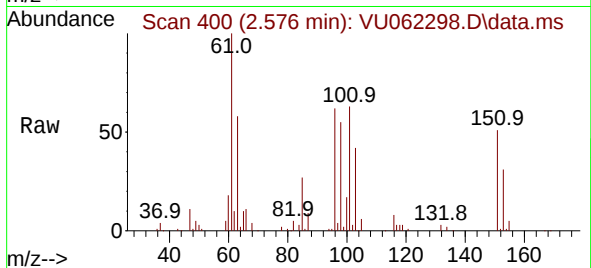
Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	38204
Ion Ratio	Lower	Upper	
101	100		
85	44.1	38.0	57.0
151	78.9	55.3	82.9



#12

1,1-Dichloroethene

Concen: 5.042 ug/L

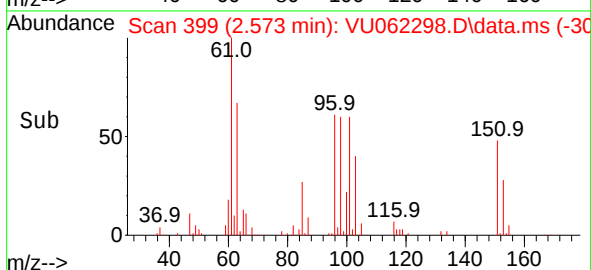
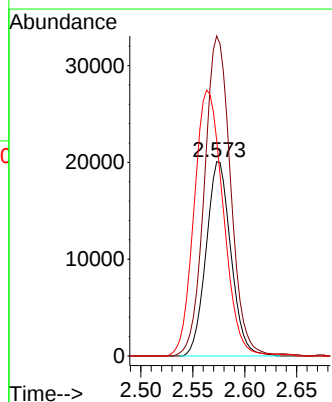
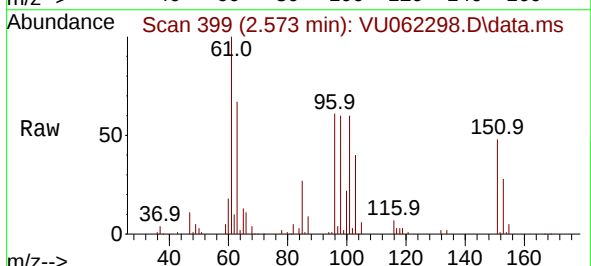
RT: 2.573 min Scan# 399

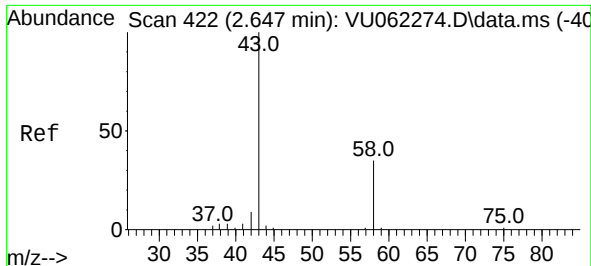
Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Tgt Ion:	96	Resp:	33259
Ion Ratio	Lower	Upper	
96	100		
61	164.8	119.6	222.2
63	111.1	65.0	120.6





#13

Acetone

Concen: 55.788 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

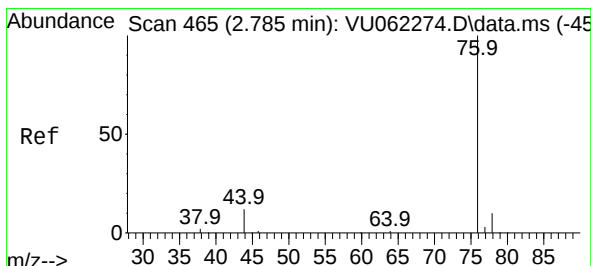
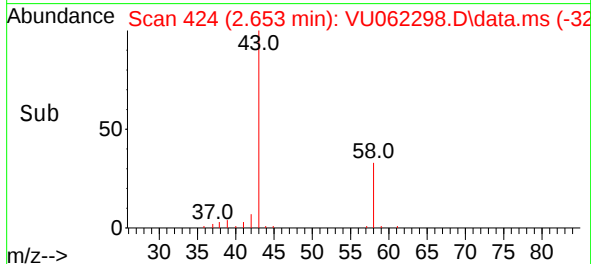
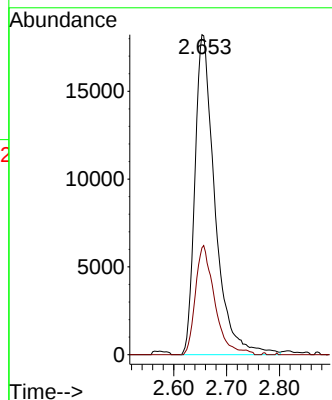
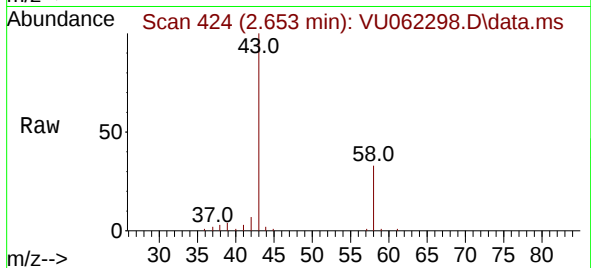
ClientSampleId :

Tgt Ion: 43 Resp: 47974

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.813 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062298.D

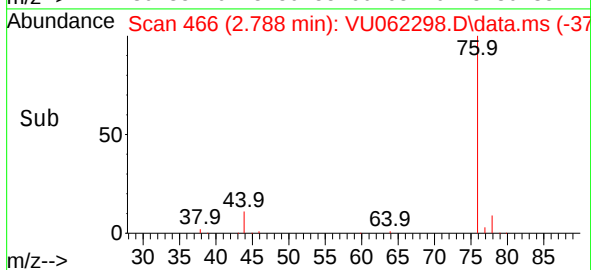
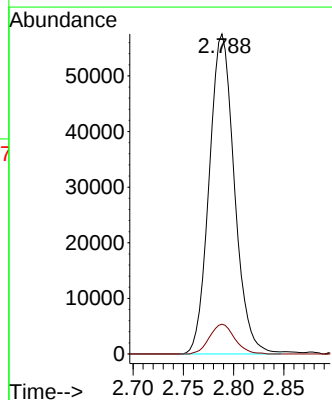
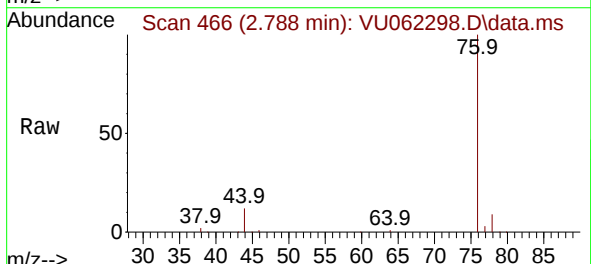
Acq: 13 Dec 2024 08:43

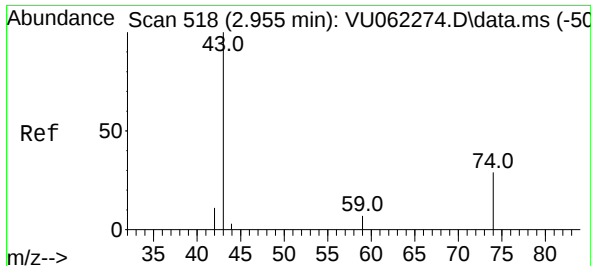
Tgt Ion: 76 Resp: 100395

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 5.236 ug/L

RT: 2.959 min Scan# 518

Delta R.T. 0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

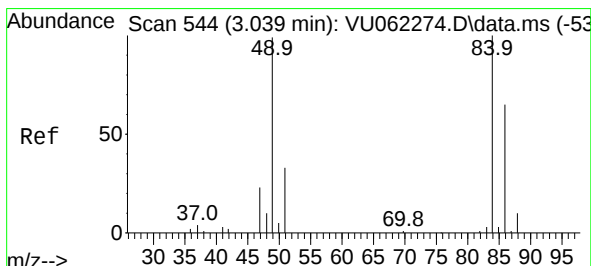
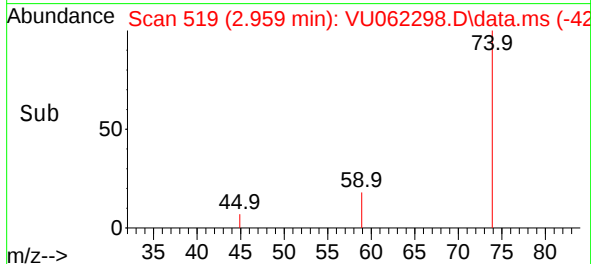
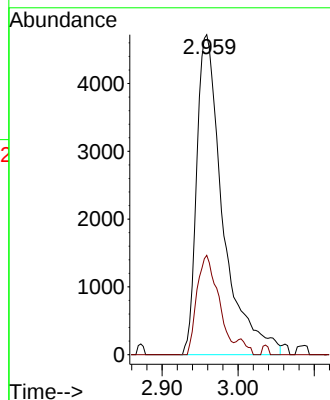
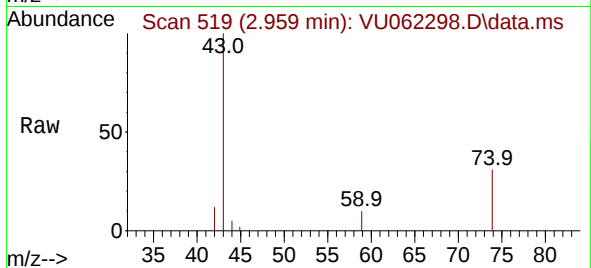
ClientSampleId :

Tgt Ion: 43 Resp: 11284

Ion Ratio Lower Upper

43 100

74 25.5 19.4 29.2



#16

Methylene chloride

Concen: 5.059 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

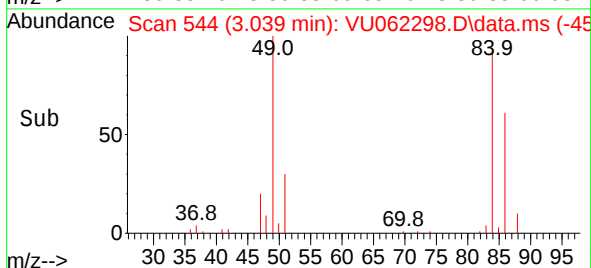
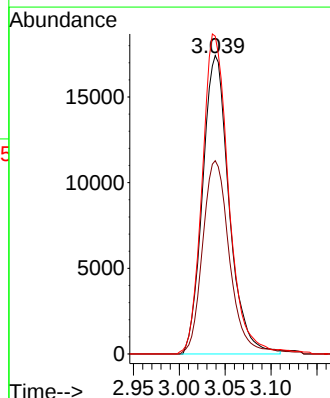
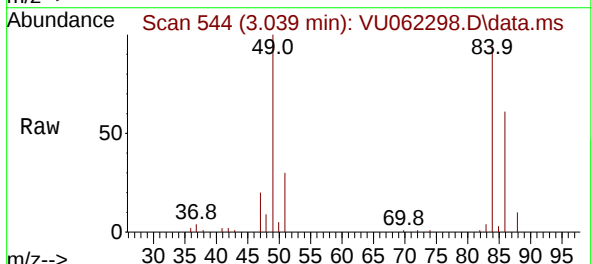
Tgt Ion: 84 Resp: 35036

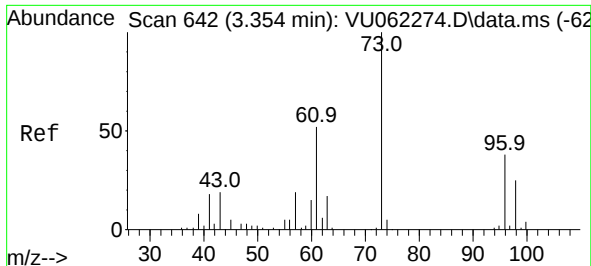
Ion Ratio Lower Upper

84 100

86 64.8 43.5 80.7

49 106.5 81.9 152.1

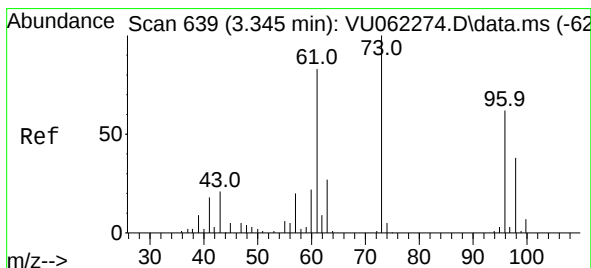
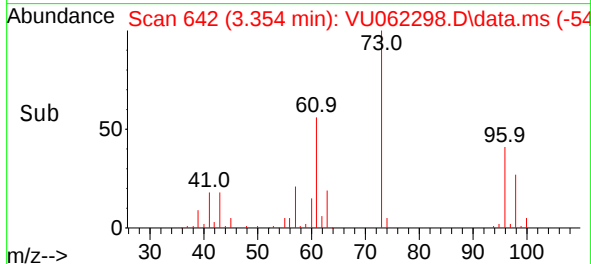
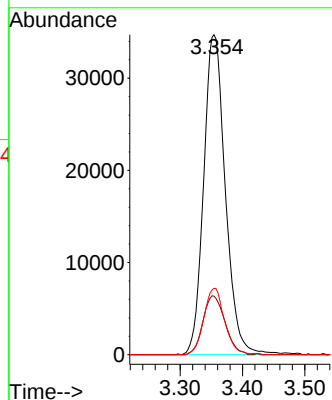
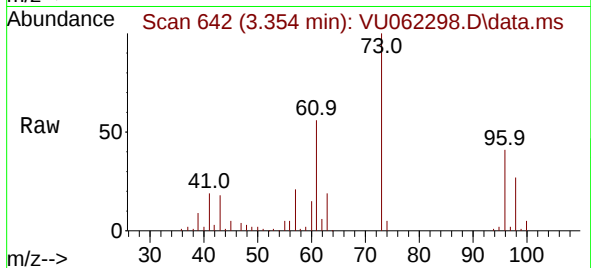




#17
Methyl tert-butyl Ether
Concen: 5.112 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

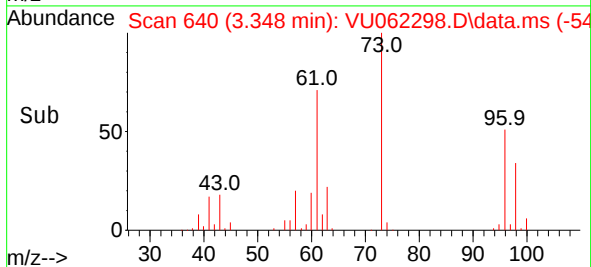
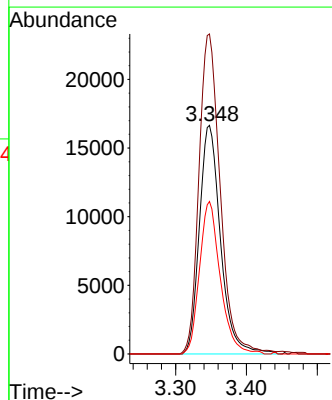
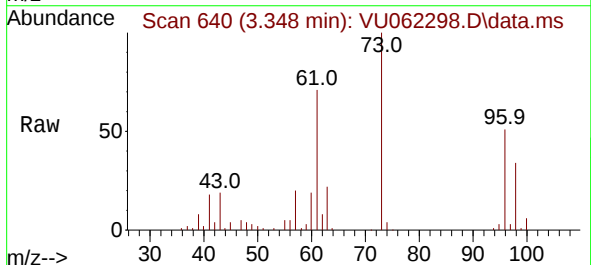
Instrument :
MSVOA_U
ClientSampleId :

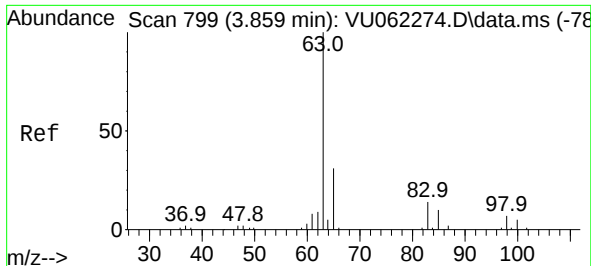
Tgt Ion: 73	Resp: 84001
Ion Ratio	Lower Upper
73	100
43	18.5 16.3 24.5
57	19.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.091 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

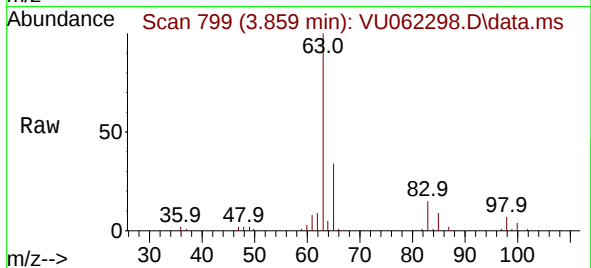
Tgt Ion: 96	Resp: 34509
Ion Ratio	Lower Upper
96	100
61	140.0 104.2 193.4
98	66.7 45.7 84.9



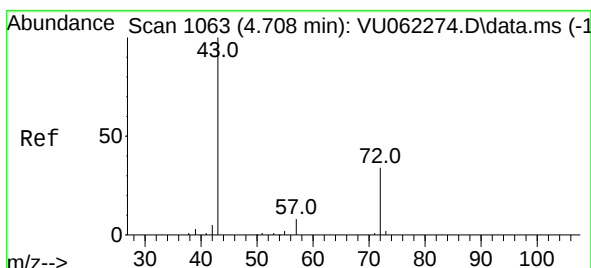
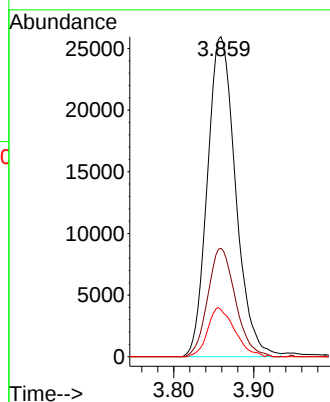
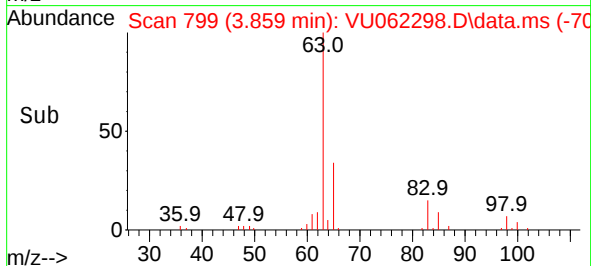


#19
1,1-Dichloroethane
Concen: 5.121 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

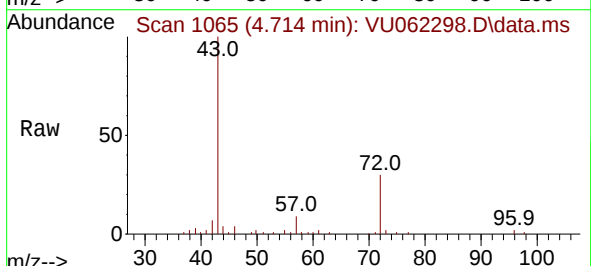
Instrument :
MSVOA_U
ClientSampleId :



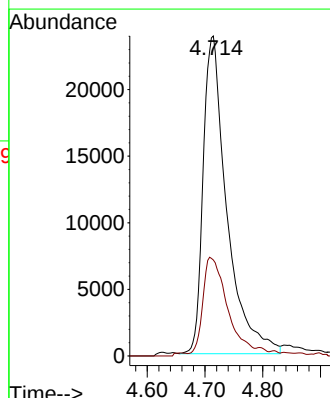
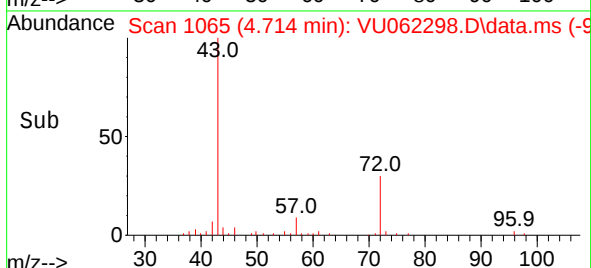
Tgt Ion: 63 Resp: 63625
Ion Ratio Lower Upper
63 100
65 33.9 22.7 42.3
83 14.6 9.9 18.3

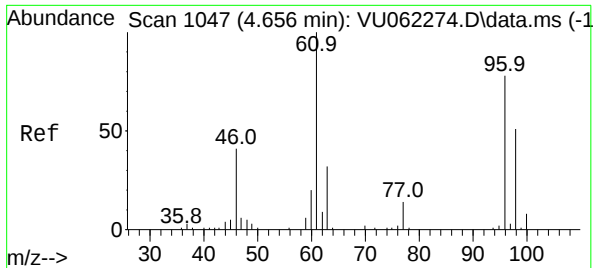


#21
2-Butanone
Concen: 54.389 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43



Tgt Ion: 43 Resp: 67923
Ion Ratio Lower Upper
43 100
72 30.6 14.8 44.4

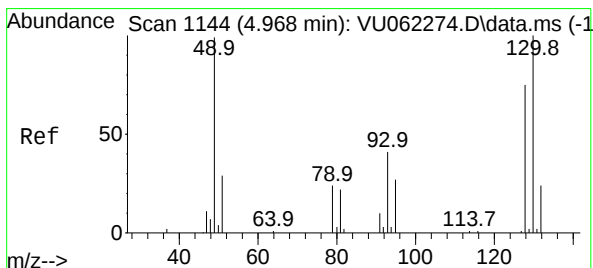
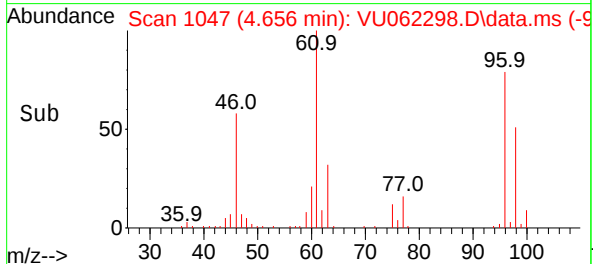
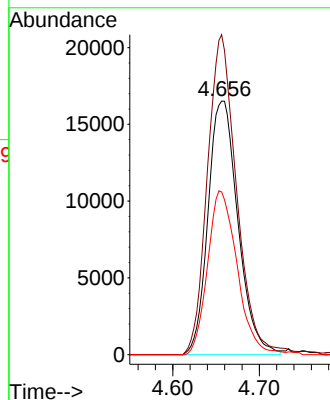
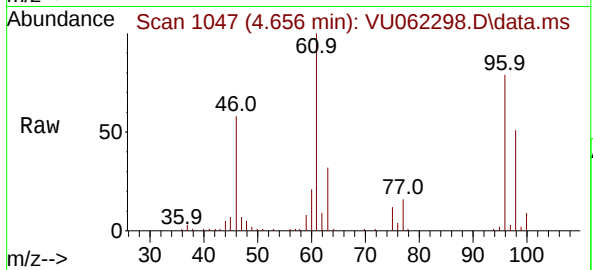




#22
cis-1,2-Dichloroethene
Concen: 5.223 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

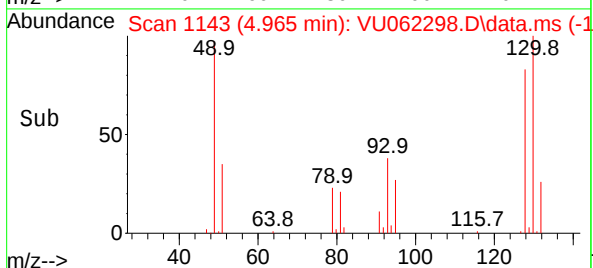
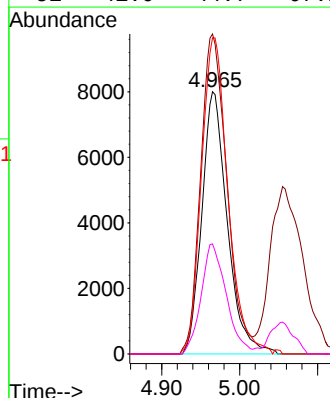
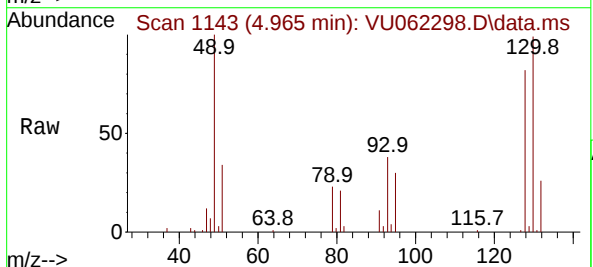
Instrument :
MSVOA_U
ClientSampleId :

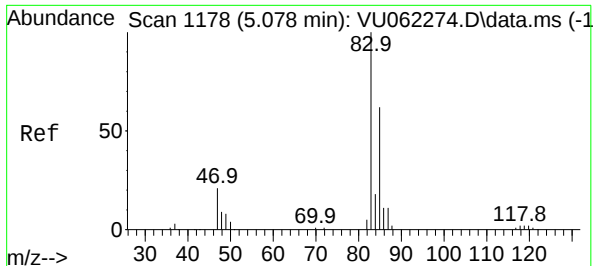
Tgt Ion: 96 Resp: 39684
Ion Ratio Lower Upper
96 100
61 126.2 92.0 170.8
98 64.1 44.5 82.7



#23
Bromochloromethane
Concen: 5.448 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:128 Resp: 18142
Ion Ratio Lower Upper
128 100
49 122.0 115.3 214.1
130 120.5 92.0 170.8
51 41.9 44.7 67.1#





#25

Chloroform

Concen: 5.269 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

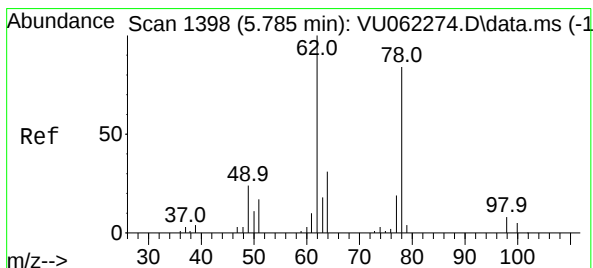
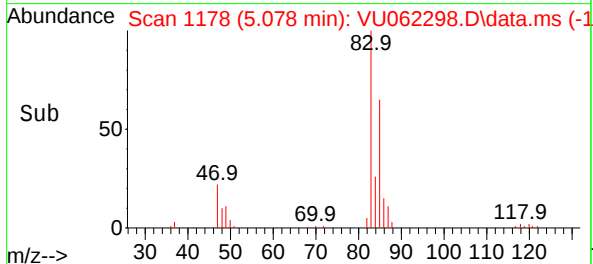
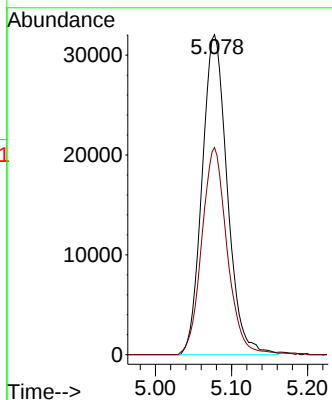
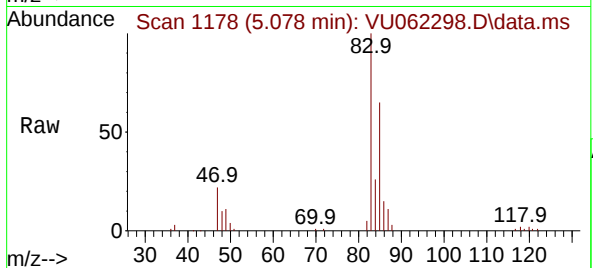
ClientSampleId :

Tgt Ion: 83 Resp: 73733

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.106 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062298.D

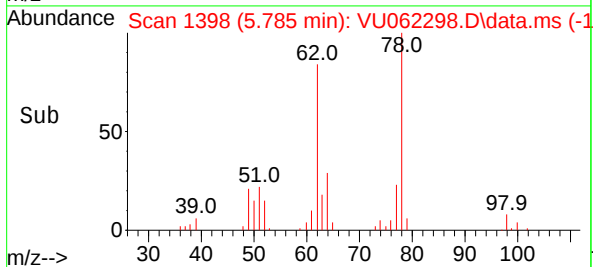
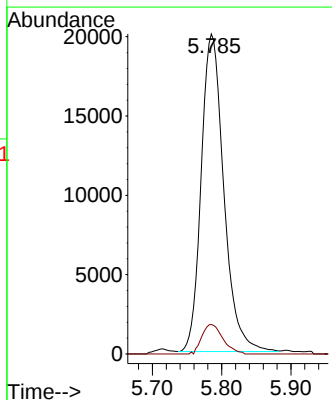
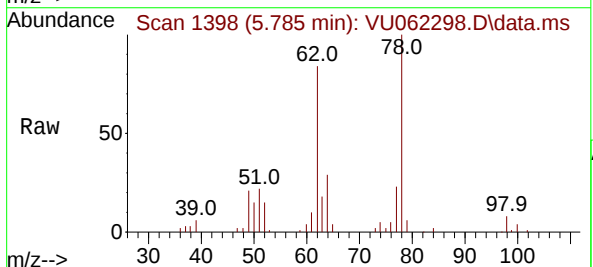
Acq: 13 Dec 2024 08:43

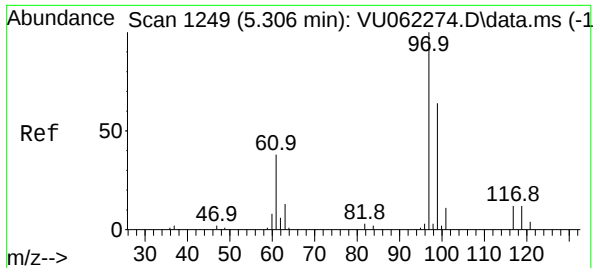
Tgt Ion: 62 Resp: 45408

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

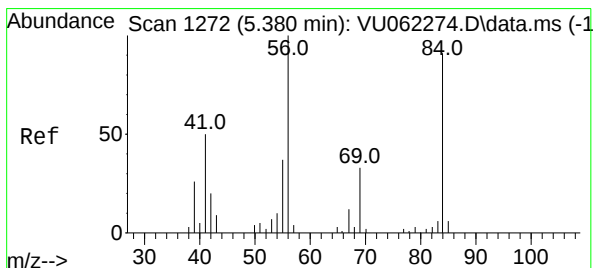
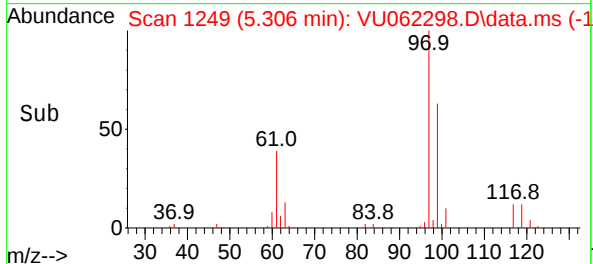
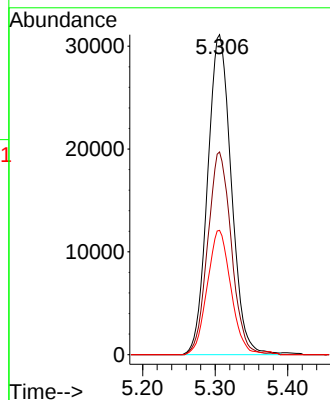
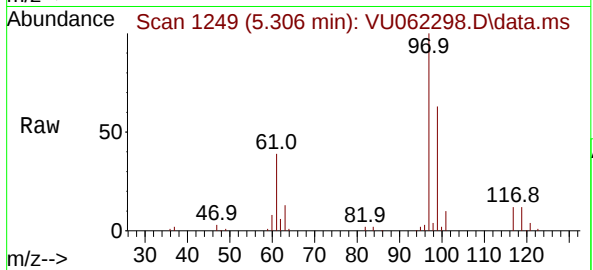




#29
1,1,1-Trichloroethane
Concen: 5.454 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

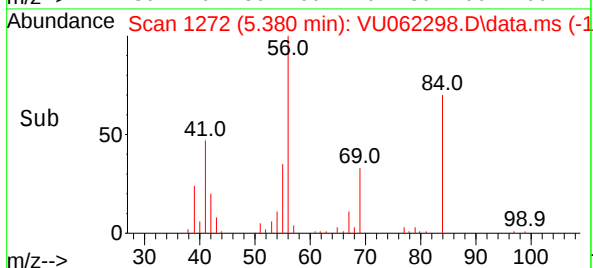
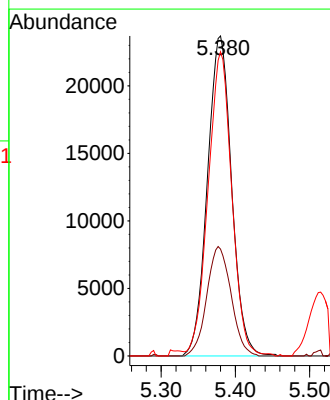
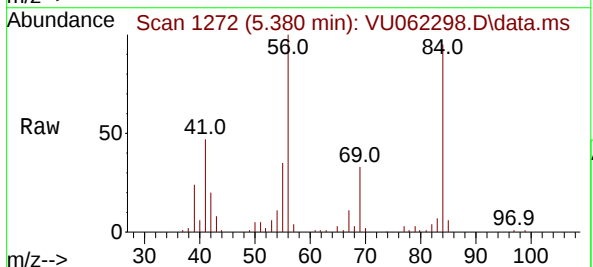
Instrument :
MSVOA_U
ClientSampleId :

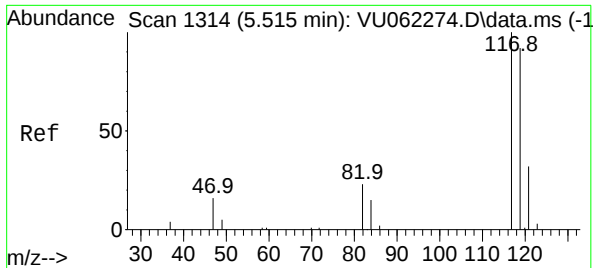
Tgt Ion: 97 Resp: 70691
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 38.8 37.8 56.6



#30
Cyclohexane
Concen: 5.094 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion: 56 Resp: 53534
Ion Ratio Lower Upper
56 100
69 34.4 25.1 37.7
84 93.3 70.6 105.8

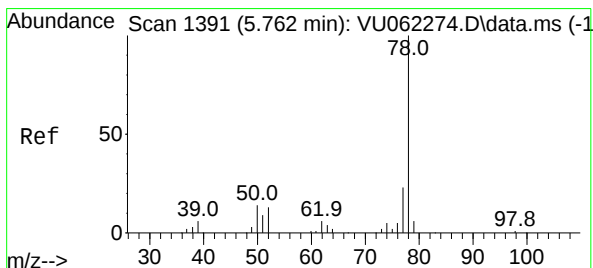
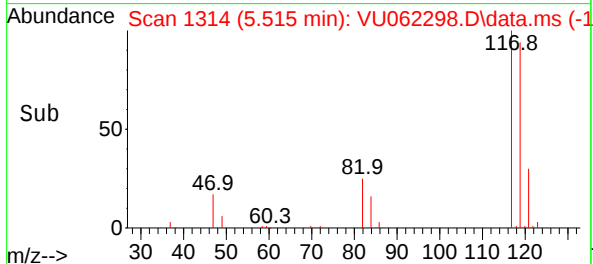
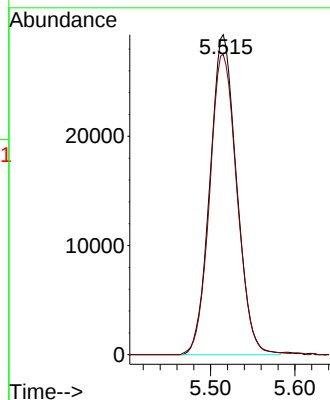
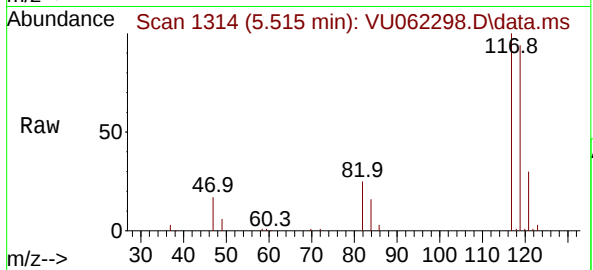




#31
Carbon tetrachloride
Concen: 5.413 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

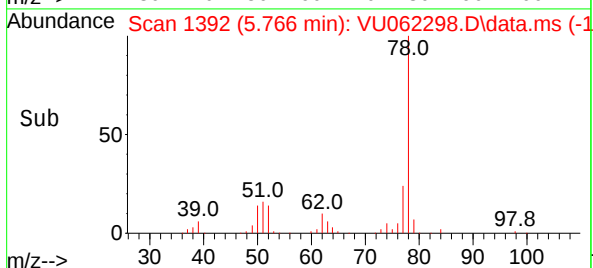
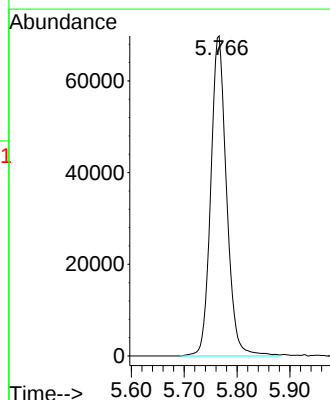
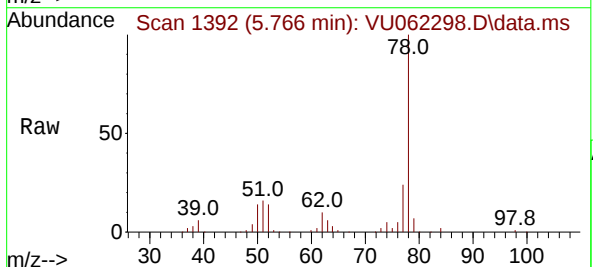
Instrument :
MSVOA_U
ClientSampleId :

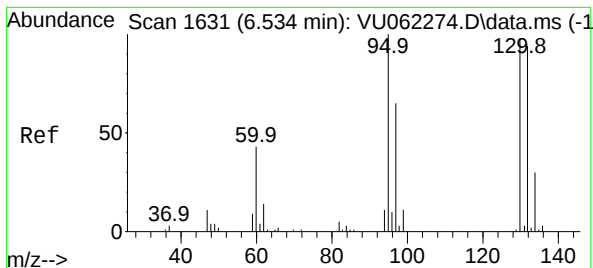
Tgt Ion:117 Resp: 64335
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 5.088 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion: 78 Resp: 145283





#34

Trichloroethene

Concen: 5.267 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 42599

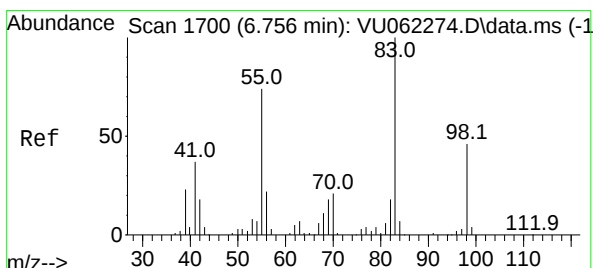
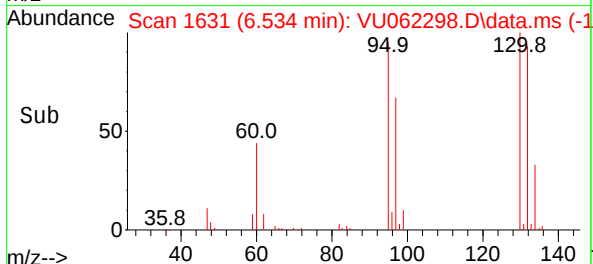
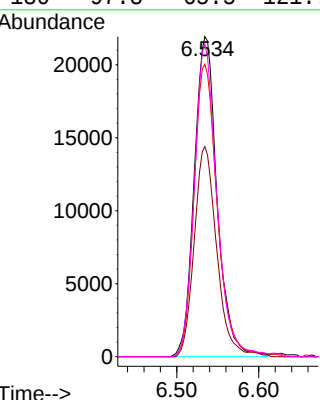
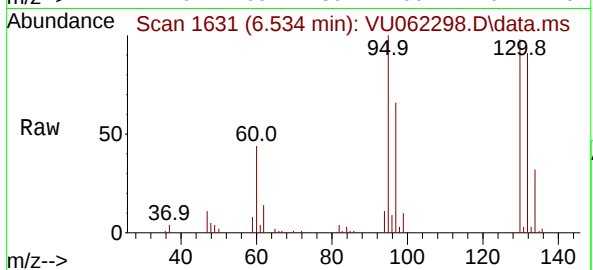
Ion Ratio Lower Upper

95 100

97 65.7 45.9 85.3

132 91.4 63.8 118.4

130 97.8 65.5 121.7



#35

Methylcyclohexane

Concen: 5.236 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

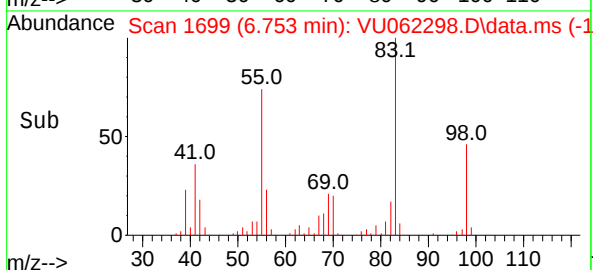
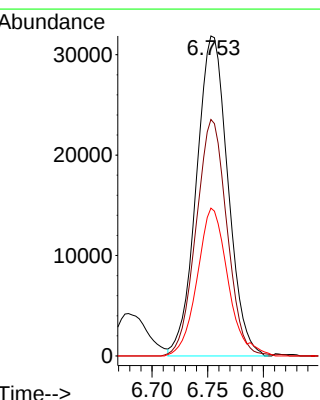
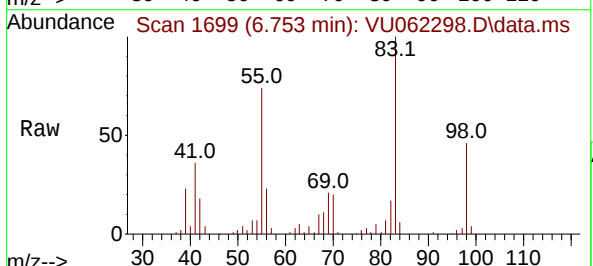
Tgt Ion: 83 Resp: 62794

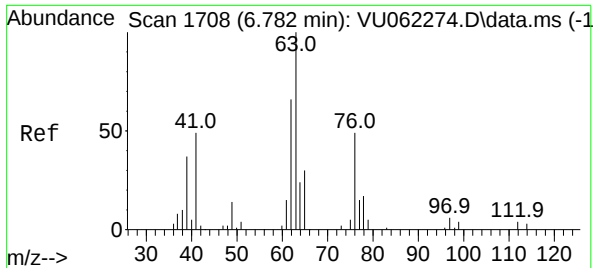
Ion Ratio Lower Upper

83 100

55 72.2 60.7 91.1

98 45.2 34.8 52.2

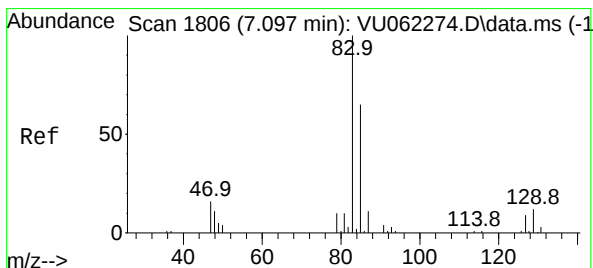
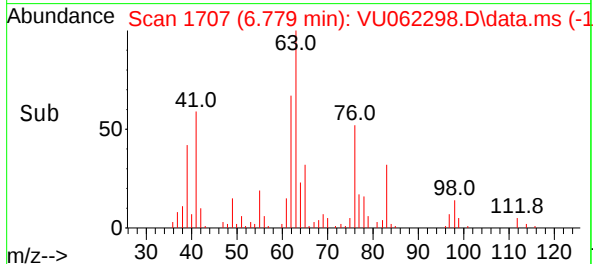
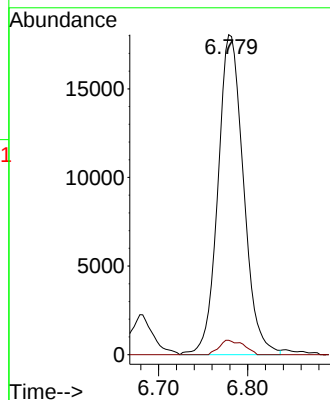
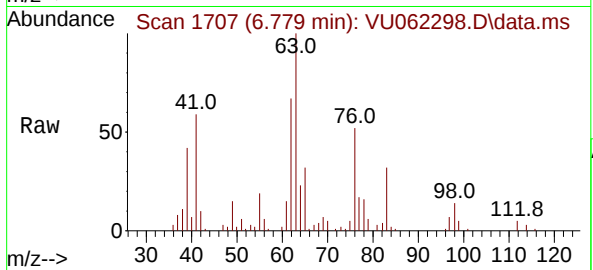




#37
1,2-Dichloropropane
Concen: 5.183 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

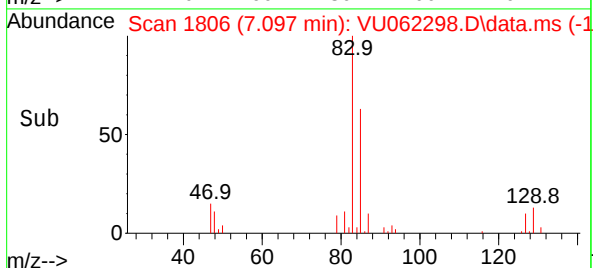
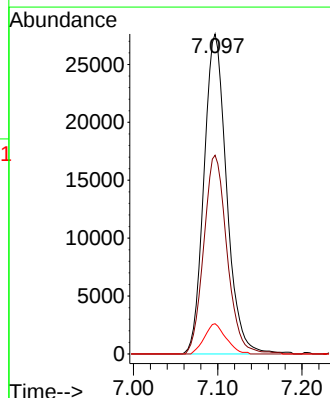
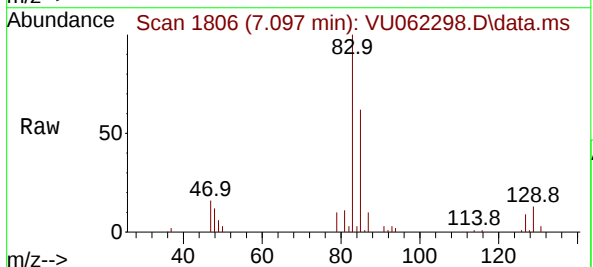
Instrument :
MSVOA_U
ClientSampleId :

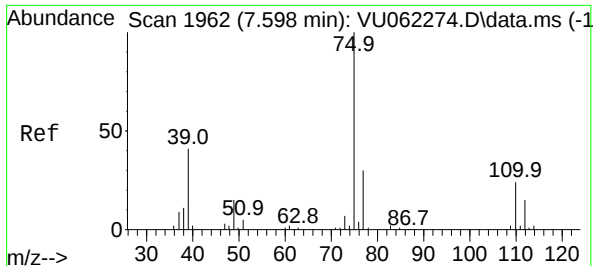
Tgt Ion: 63 Resp: 36040
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 5.269 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion: 83 Resp: 51686
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9
127 9.4 6.9 10.3

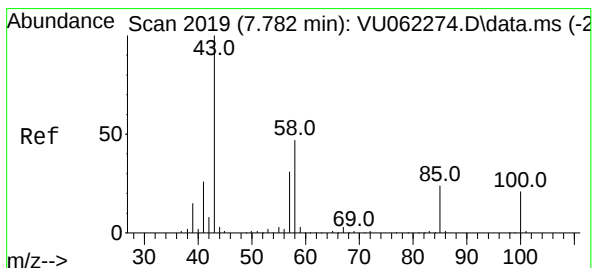
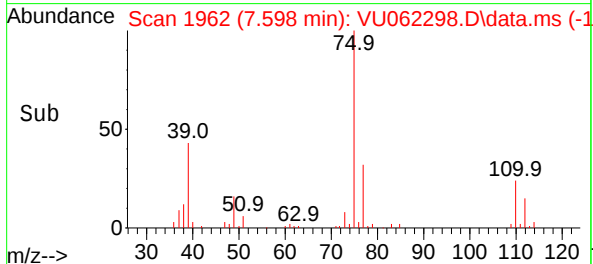
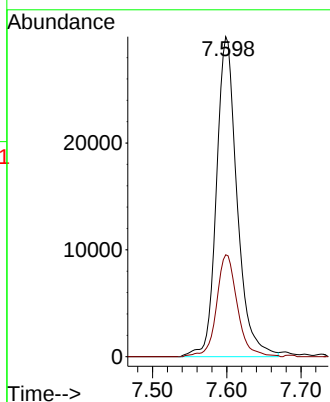
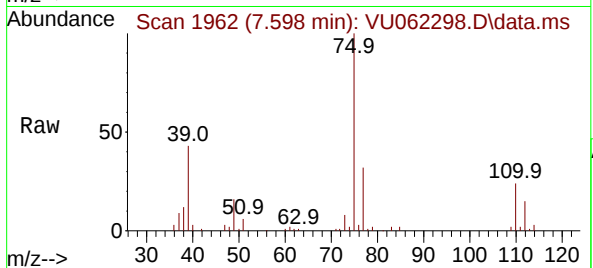




#39
 cis-1,3-Dichloropropene
 Concen: 5.201 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062298.D
 Acq: 13 Dec 2024 08:43

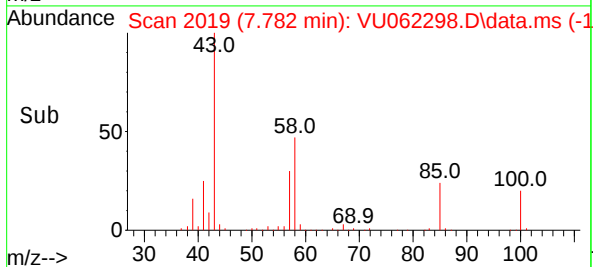
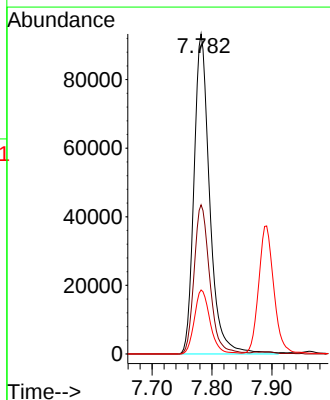
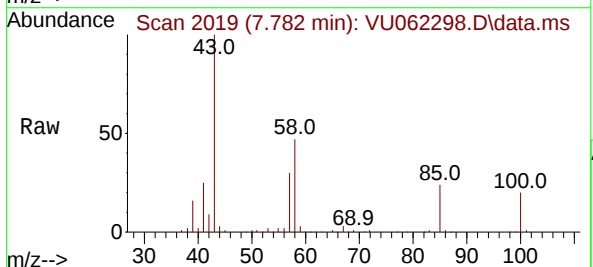
Instrument :
 MSVOA_U
 ClientSampleId :

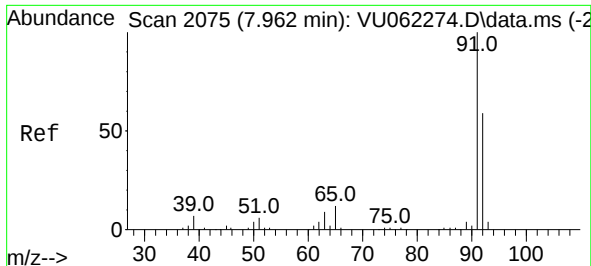
Tgt Ion: 75 Resp: 57963
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 52.296 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062298.D
 Acq: 13 Dec 2024 08:43

Tgt Ion: 43 Resp: 170419
 Ion Ratio Lower Upper
 43 100
 58 46.4 33.3 49.9
 100 20.0 12.4 18.6#





#42

Toluene

Concen: 5.251 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

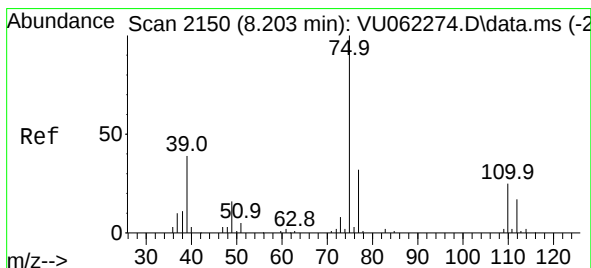
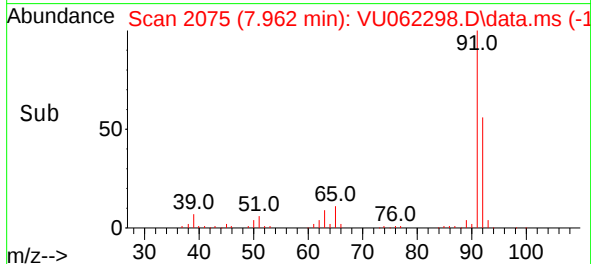
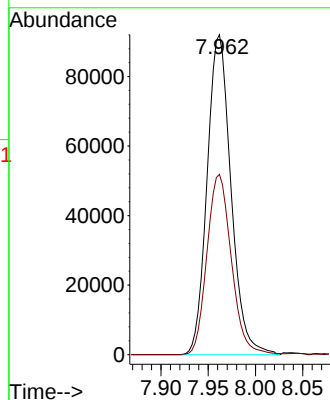
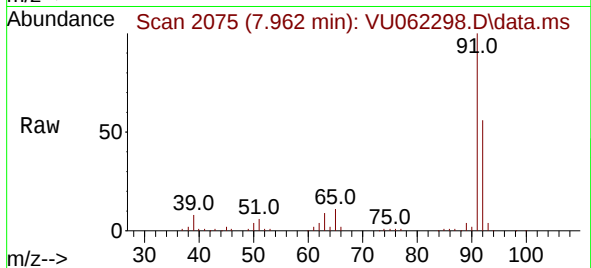
ClientSampleId :

Tgt Ion: 91 Resp: 161679

Ion Ratio Lower Upper

91 100

92 56.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.370 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062298.D

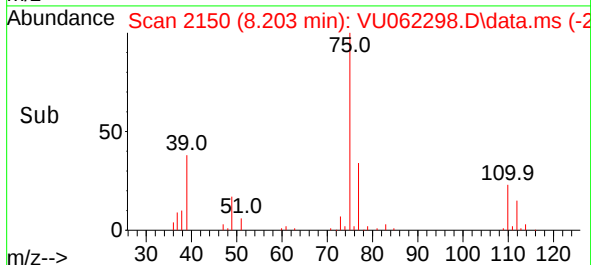
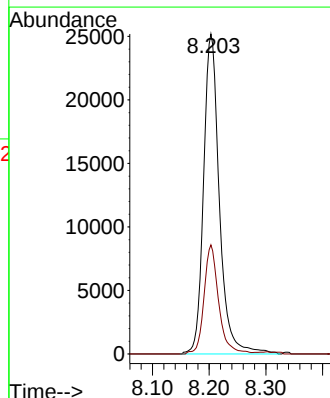
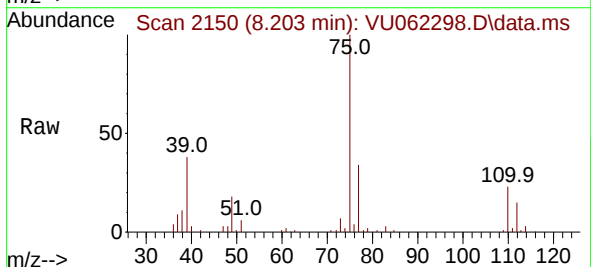
Acq: 13 Dec 2024 08:43

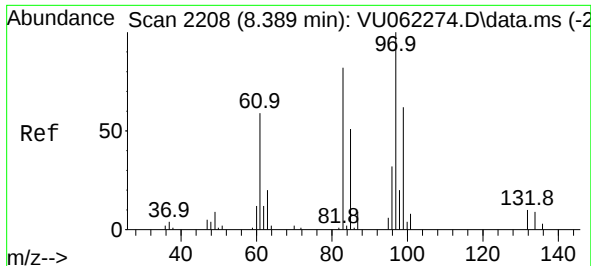
Tgt Ion: 75 Resp: 48871

Ion Ratio Lower Upper

75 100

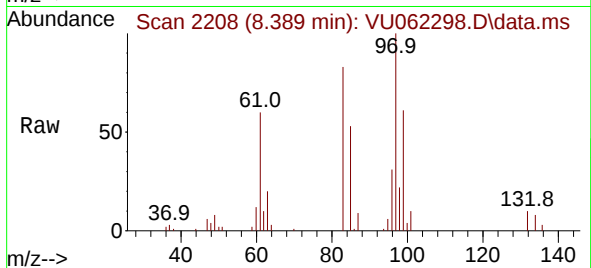
77 34.1 21.8 40.4



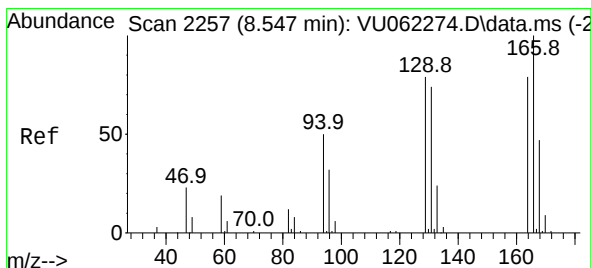
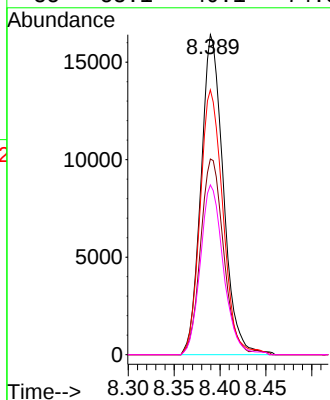
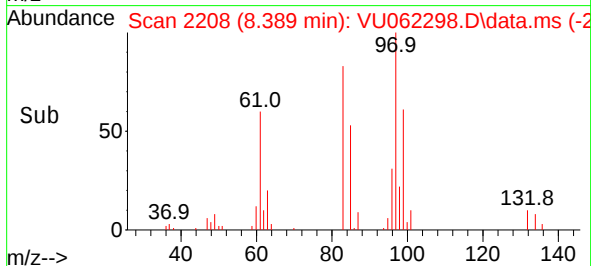


#45
1,1,2-Trichloroethane
Concen: 5.311 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

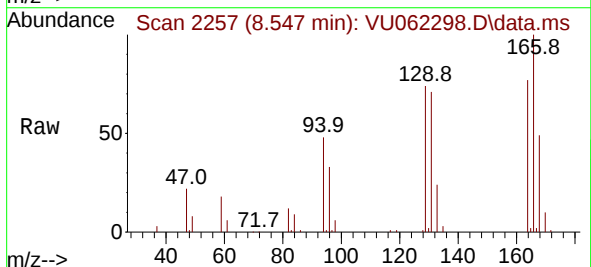
Instrument :
MSVOA_U
ClientSampleId :



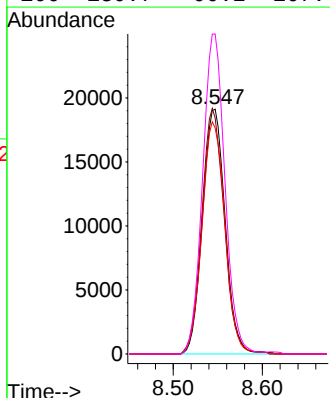
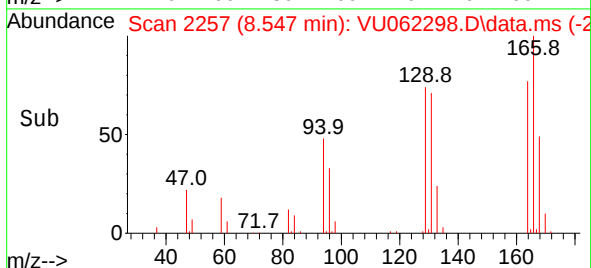
Tgt Ion:	97	Resp:	27880
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.0	79.8
83	82.8	61.7	114.5
85	53.1	40.1	74.5

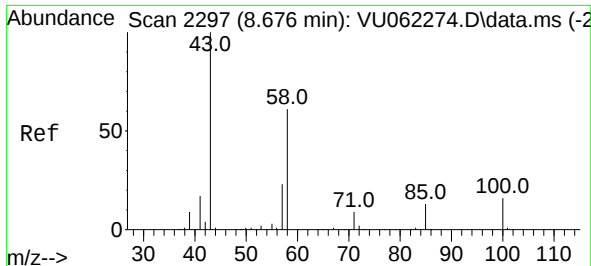


#47
Tetrachloroethene
Concen: 5.401 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43



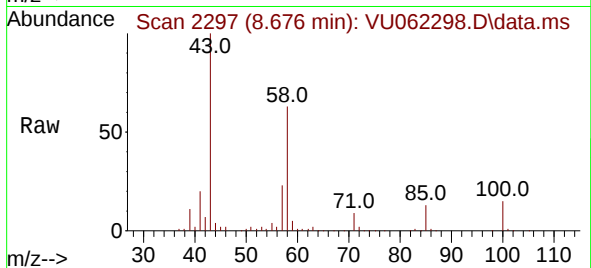
Tgt Ion:	164	Resp:	33725
Ion	Ratio	Lower	Upper
164	100		
129	96.4	73.2	136.0
131	92.3	72.3	134.3
166	130.7	90.2	167.4



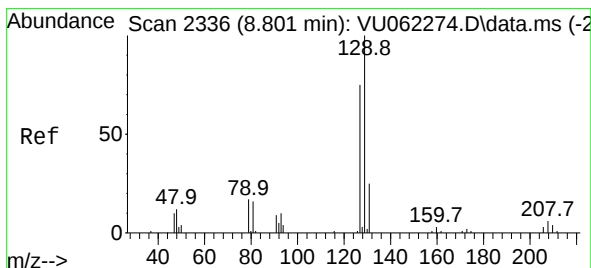
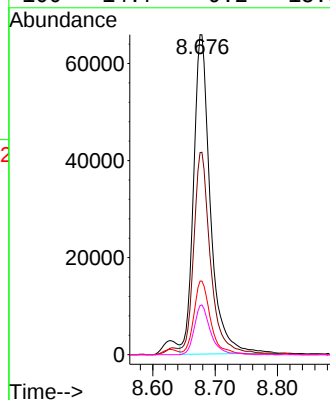
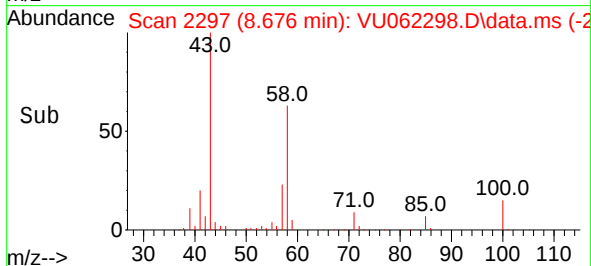


#48
2-Hexanone
Concen: 51.116 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Instrument :
MSVOA_U
ClientSampleId :

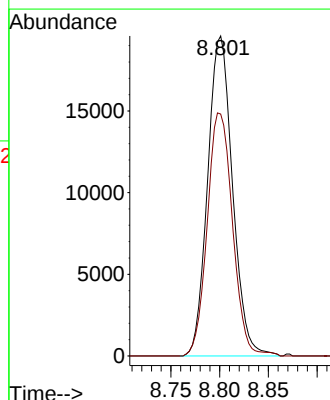
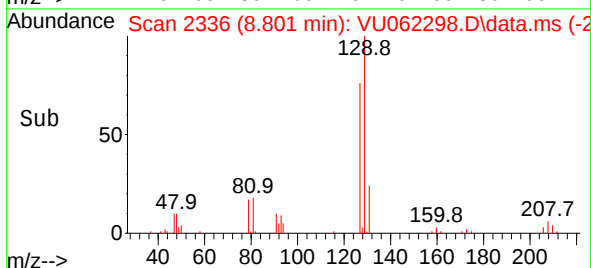
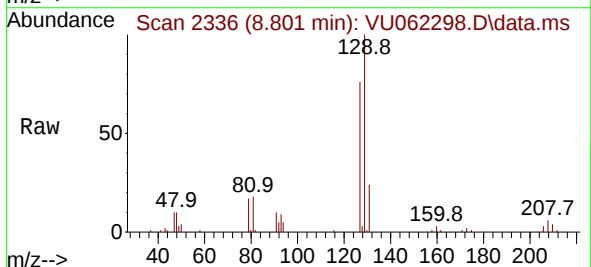


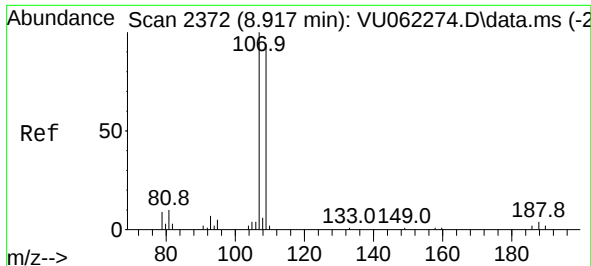
Tgt Ion: 43 Resp: 123103
Ion Ratio Lower Upper
43 100
58 62.5 47.5 71.3
57 22.8 15.6 23.4
100 14.7 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.496 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion: 129 Resp: 34857
Ion Ratio Lower Upper
129 100
127 75.6 51.1 94.9

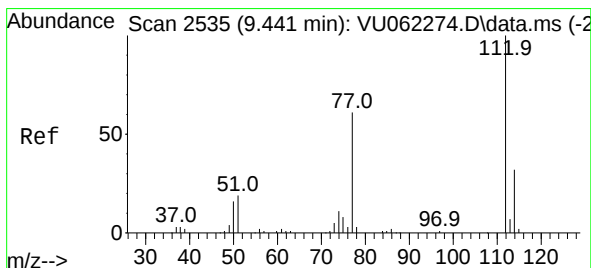
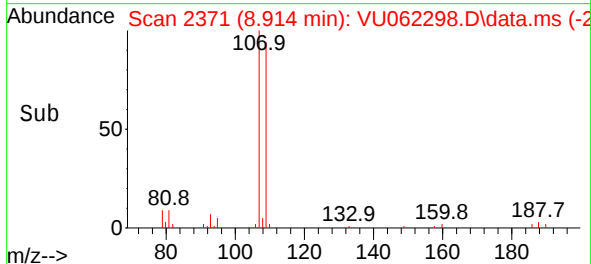
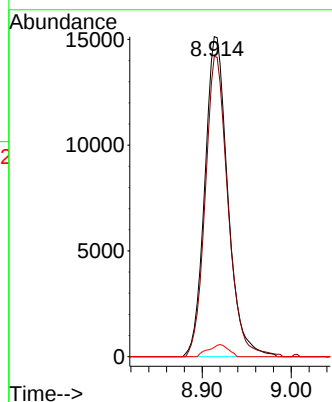
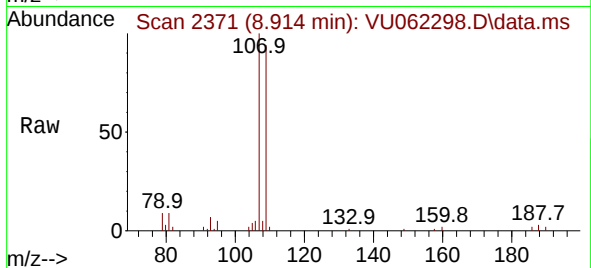




#50
1,2-Dibromoethane
Concen: 5.374 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

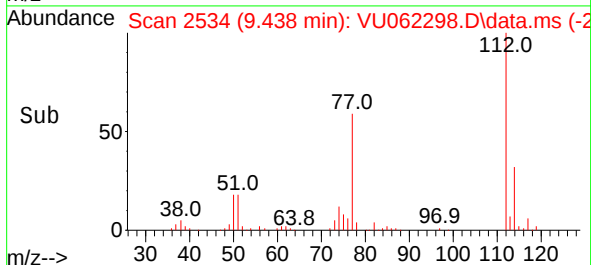
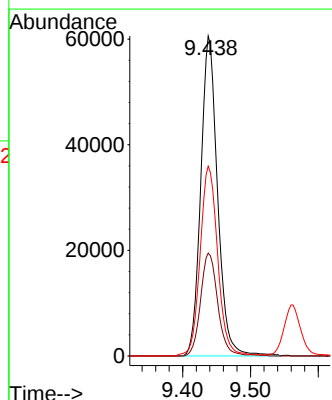
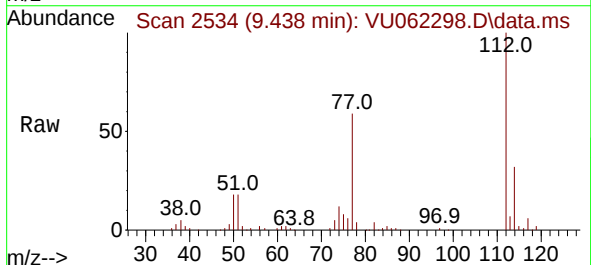
Instrument :
MSVOA_U
ClientSampleId :

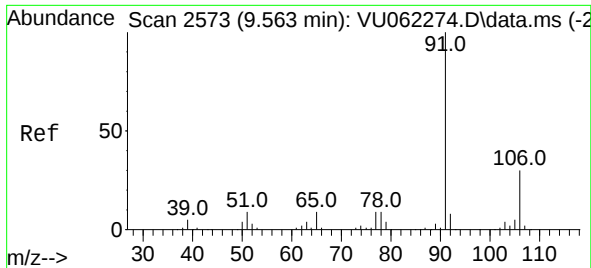
Tgt Ion:107 Resp: 27104
Ion Ratio Lower Upper
107 100
109 93.8 66.8 124.2
188 3.0 2.3 3.5



#51
Chlorobenzene
Concen: 5.295 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:112 Resp: 104455
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.6
77 59.3 50.5 75.7

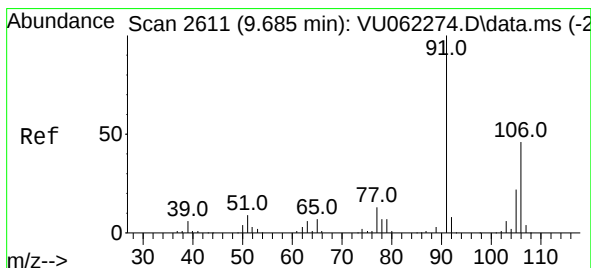
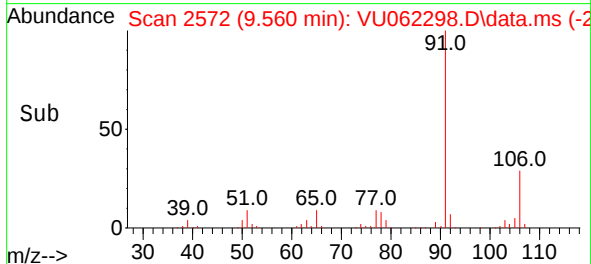
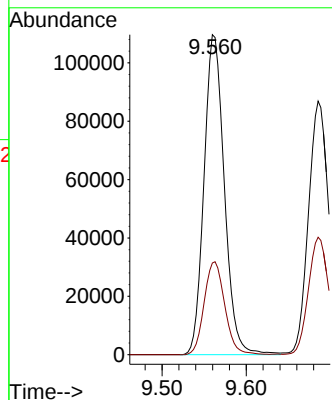
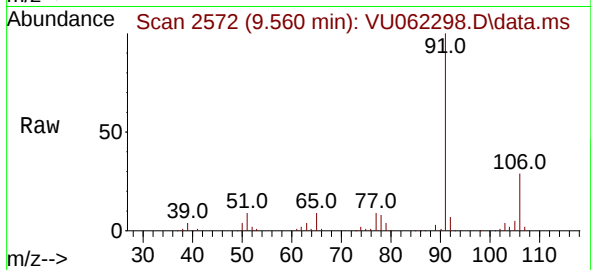




#52
Ethylbenzene
Concen: 5.342 ug/L
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

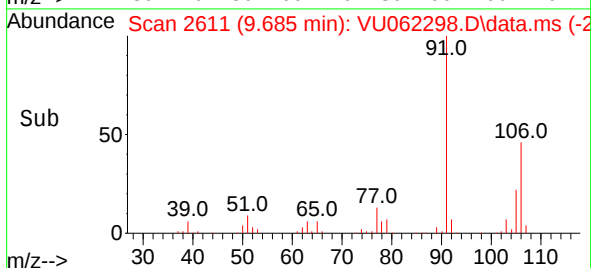
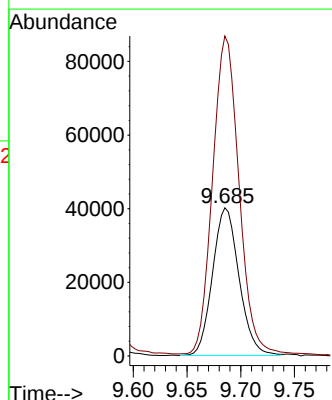
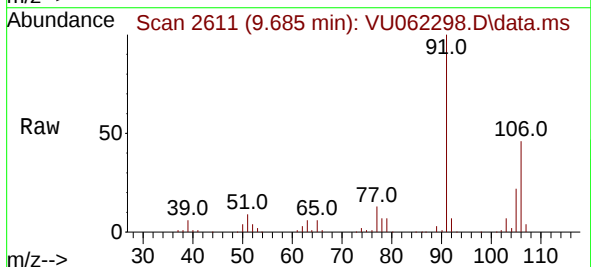
Instrument :
MSVOA_U
ClientSampleId :

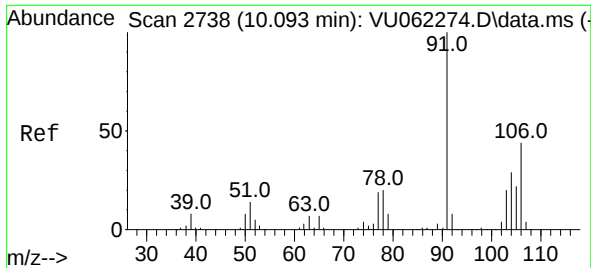
Tgt Ion: 91 Resp: 184392
Ion Ratio Lower Upper
91 100
106 28.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.395 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion: 106 Resp: 68752
Ion Ratio Lower Upper
106 100
91 216.0 147.6 274.0

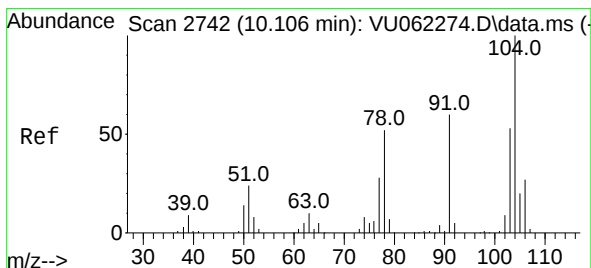
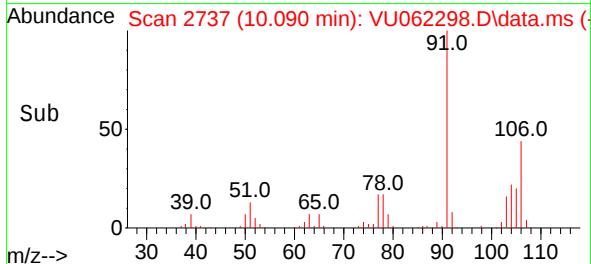
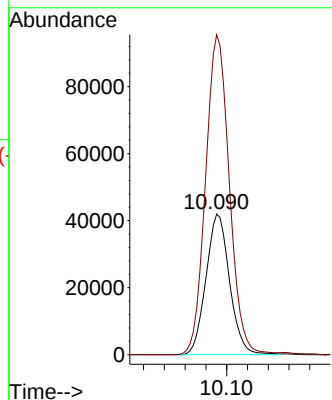
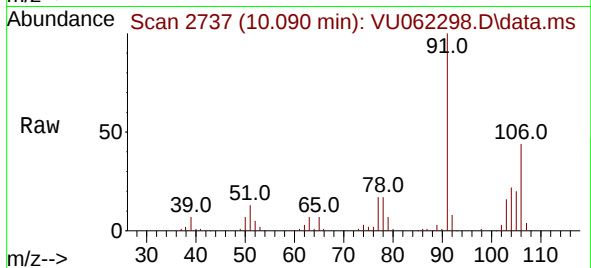




#54
o-Xylene
Concen: 5.336 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

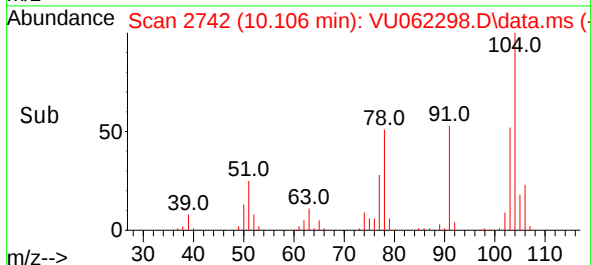
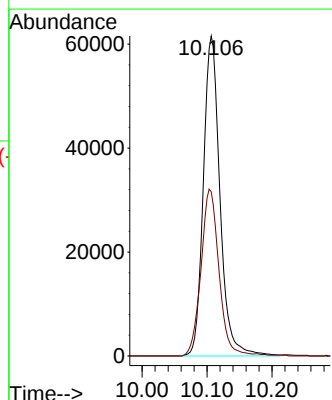
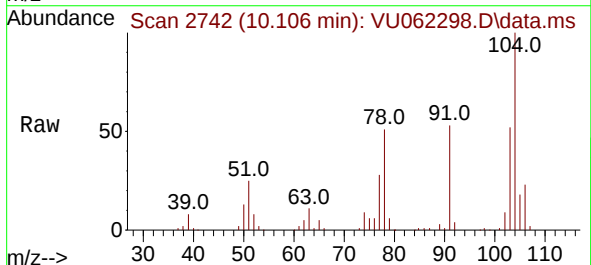
Instrument :
MSVOA_U
ClientSampleId :

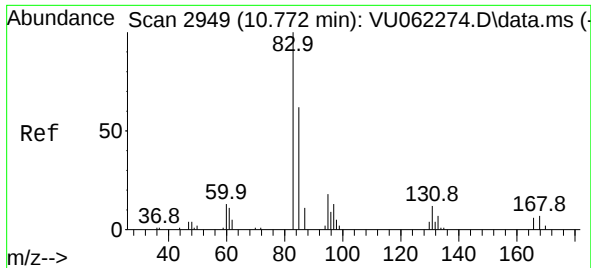
Tgt Ion:106 Resp: 66134
Ion Ratio Lower Upper
106 100
91 227.6 159.8 296.8



#55
Styrene
Concen: 5.382 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:104 Resp: 109967
Ion Ratio Lower Upper
104 100
78 51.3 33.2 61.7

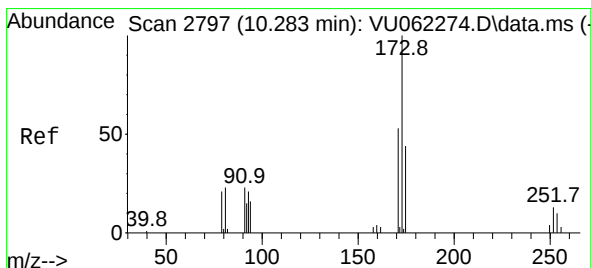
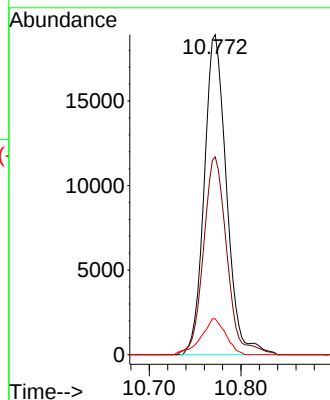
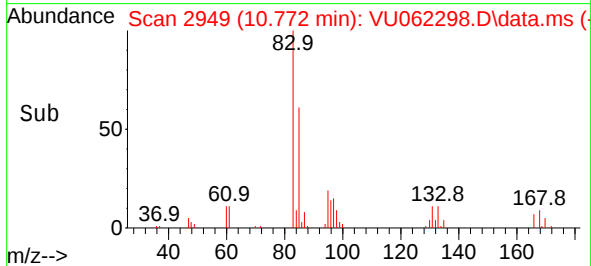
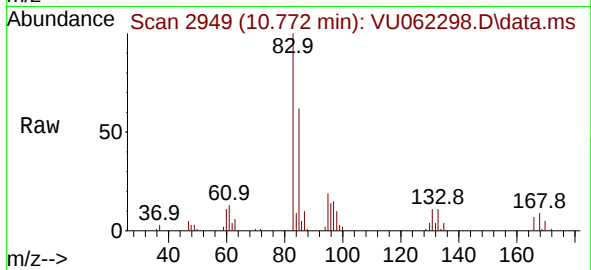




#57
1,1,2,2-Tetrachloroethane
Concen: 5.233 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

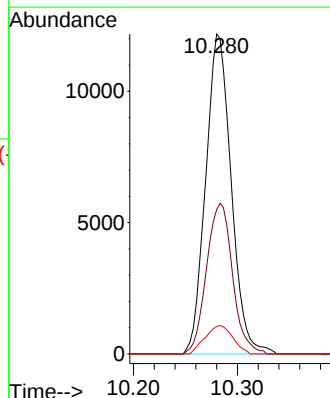
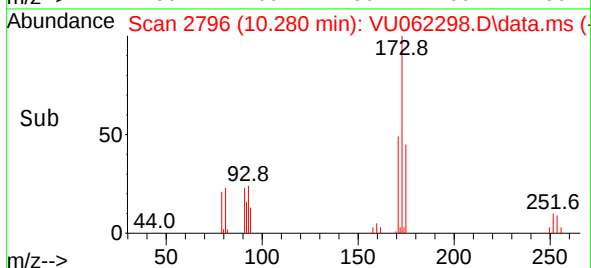
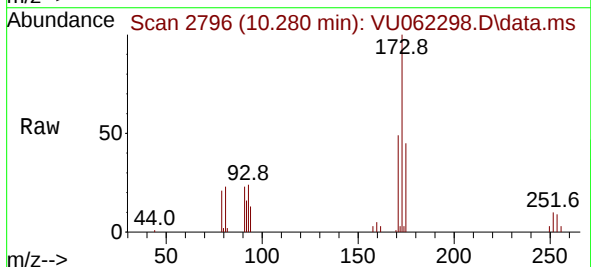
Instrument :
MSVOA_U
ClientSampleId :

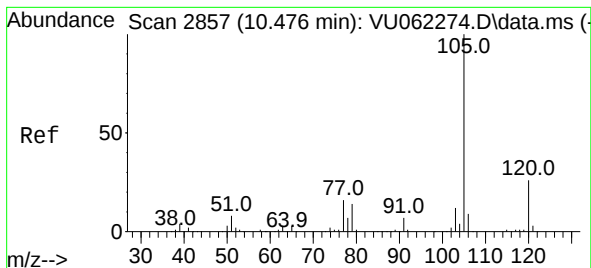
Tgt Ion: 83 Resp: 31967
Ion Ratio Lower Upper
83 100
85 61.8 44.4 82.4
131 11.2 7.3 10.9#



#59
Bromoform
Concen: 5.562 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:173 Resp: 20764
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 9.6 7.4 11.0





#60

Isopropylbenzene

Concen: 5.438 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

ClientSampleId :

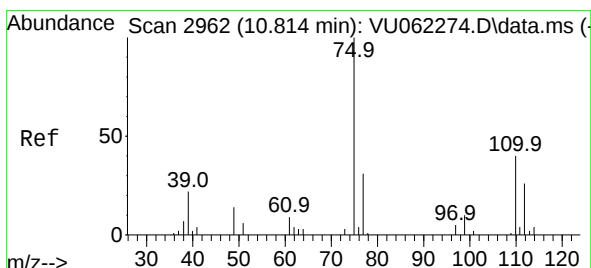
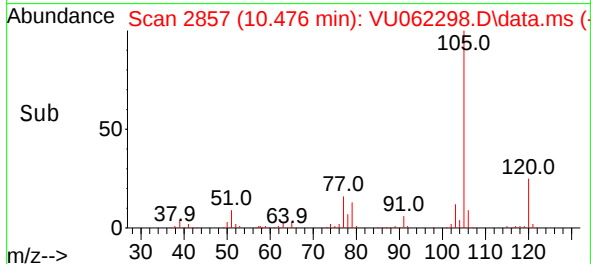
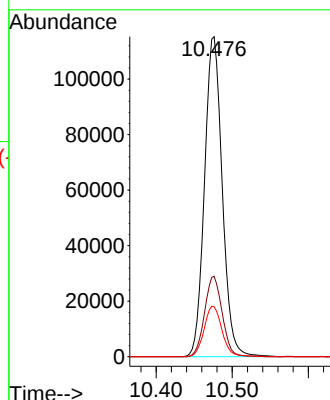
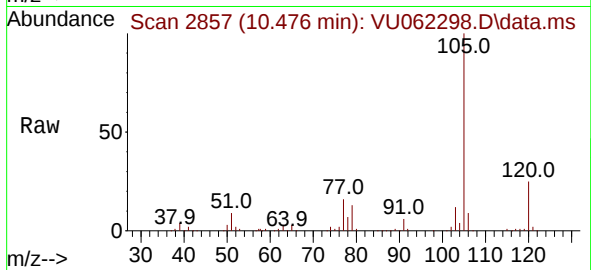
Tgt Ion:105 Resp: 186582

Ion Ratio Lower Upper

105 100

120 24.9 20.6 31.0

77 15.9 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.224 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

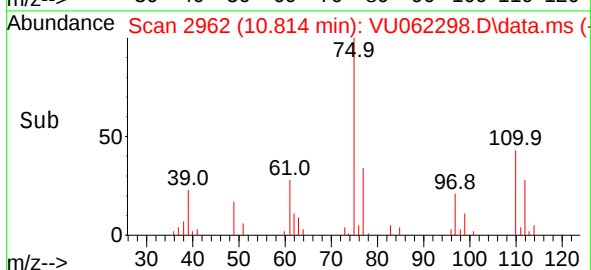
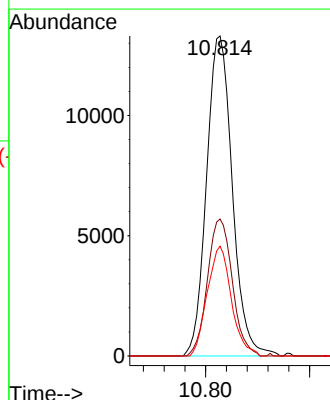
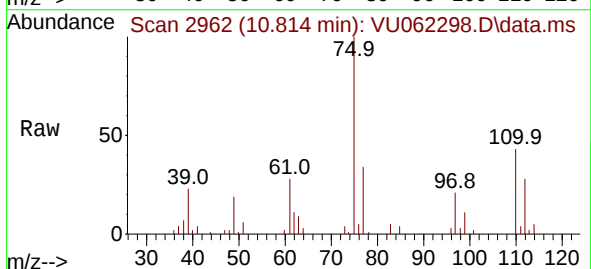
Tgt Ion: 75 Resp: 22946

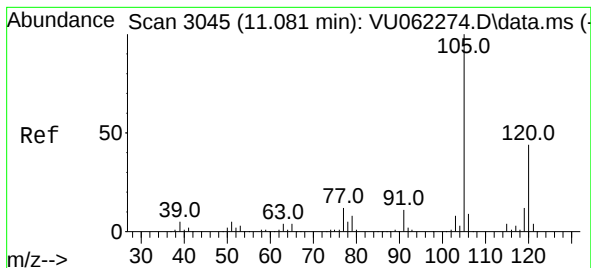
Ion Ratio Lower Upper

75 100

110 41.2 28.9 43.3

77 32.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.379 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

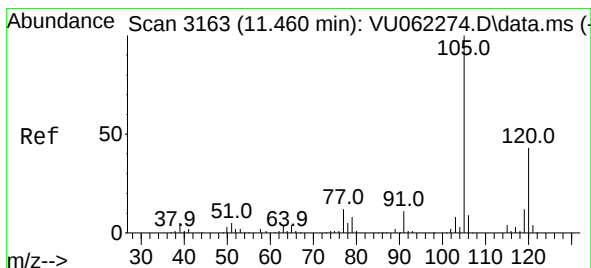
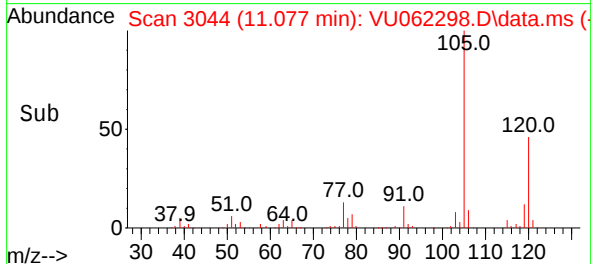
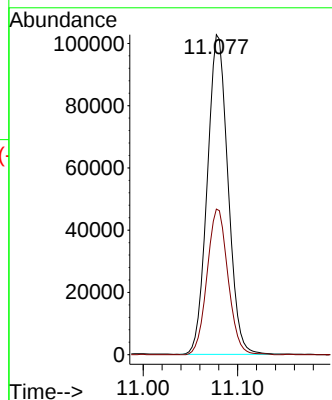
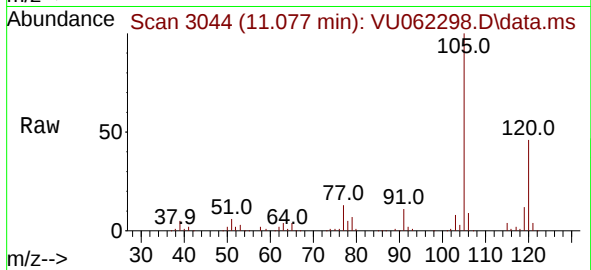
ClientSampleId :

Tgt Ion:105 Resp: 156183

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.423 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062298.D

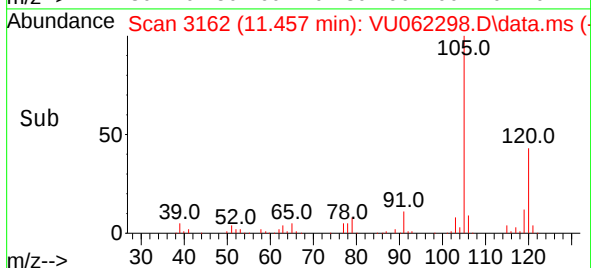
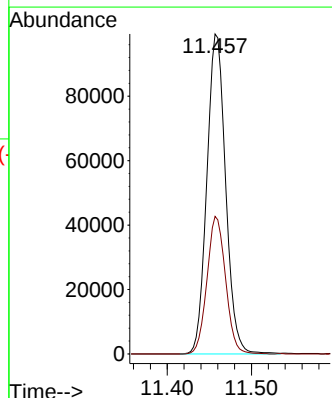
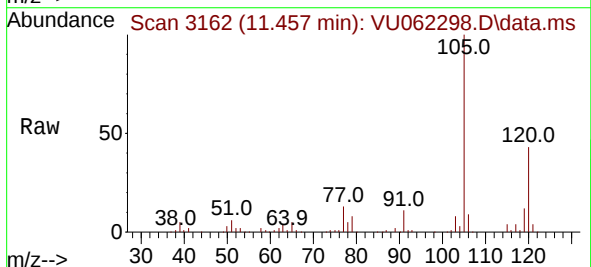
Acq: 13 Dec 2024 08:43

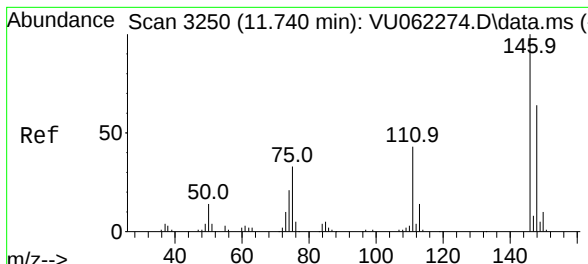
Tgt Ion:105 Resp: 154277

Ion Ratio Lower Upper

105 100

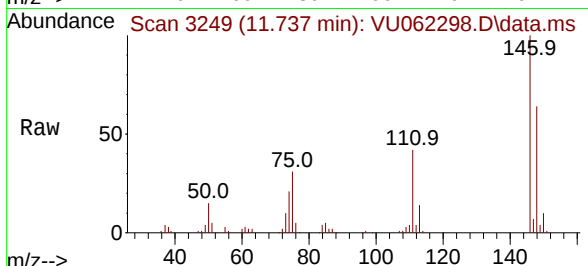
120 42.4 34.7 52.1



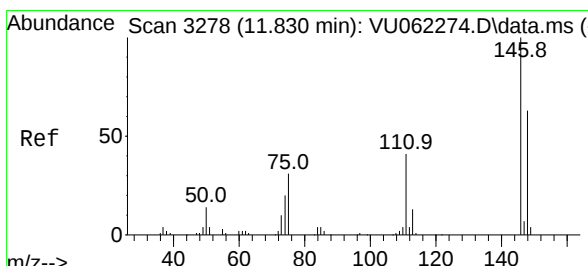
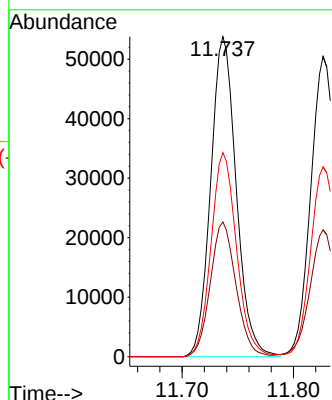
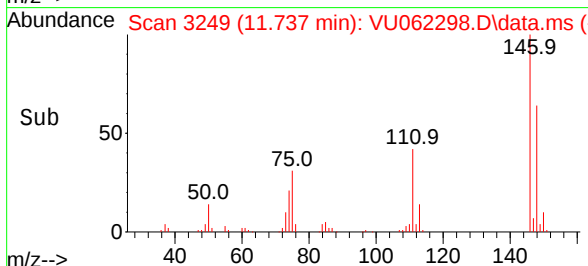


#64
1,3-Dichlorobenzene
Concen: 5.433 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

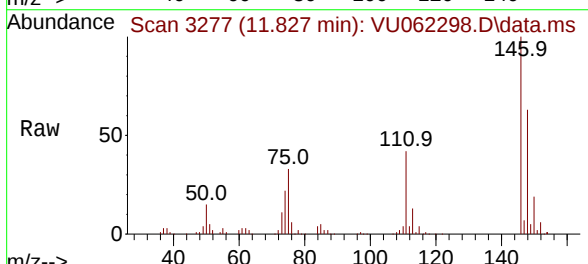
Instrument :
MSVOA_U
ClientSampleId :



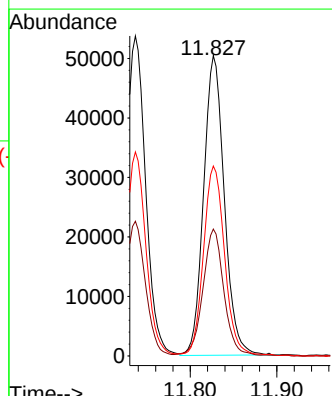
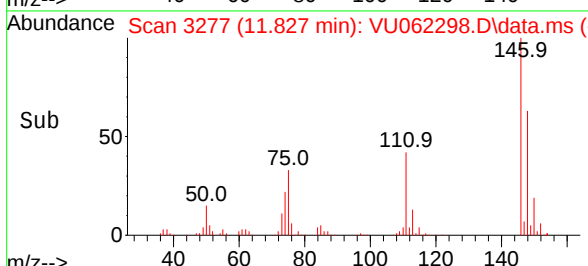
Tgt Ion:146 Resp: 85643
Ion Ratio Lower Upper
146 100
111 42.1 30.7 57.1
148 63.8 45.1 83.7

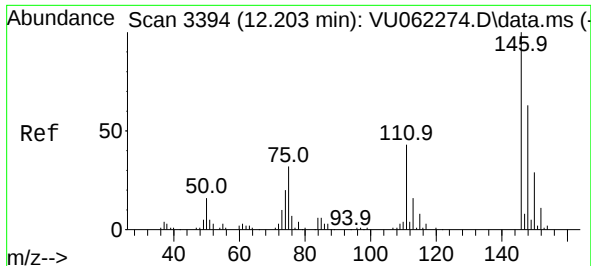


#65
1,4-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43



Tgt Ion:146 Resp: 83532
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 63.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.327 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

ClientSampleId :

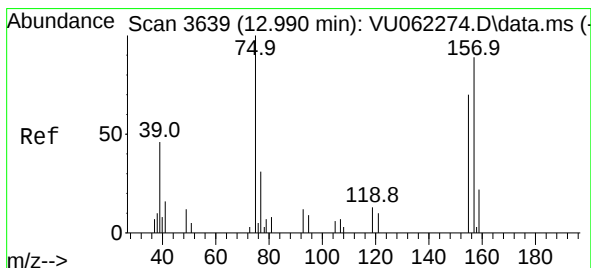
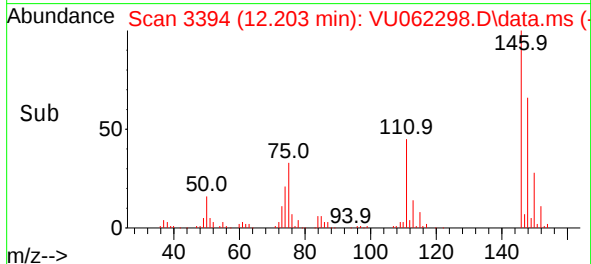
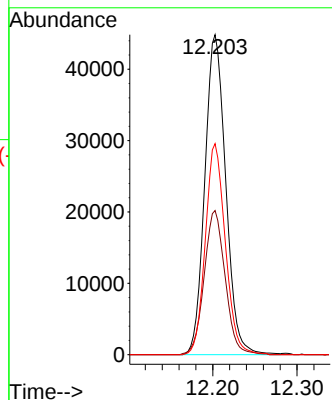
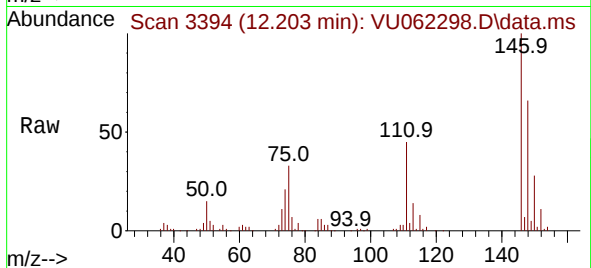
Tgt Ion:146 Resp: 77587

Ion Ratio Lower Upper

146 100

111 45.1 36.0 54.0

148 65.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.363 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

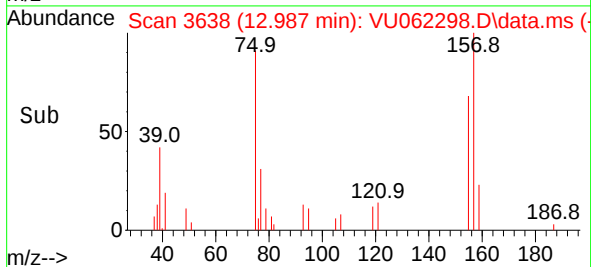
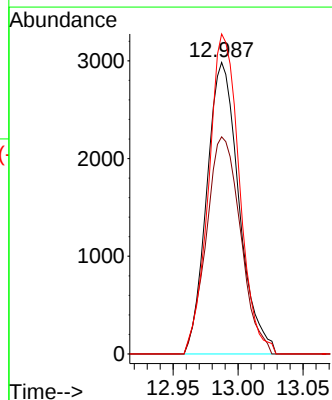
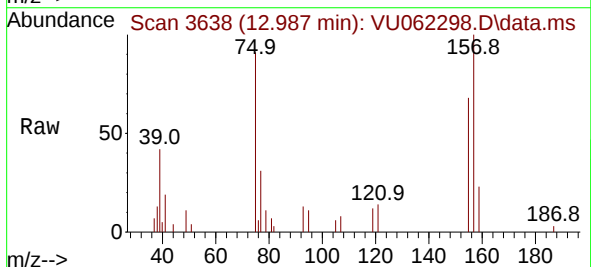
Tgt Ion: 75 Resp: 5138

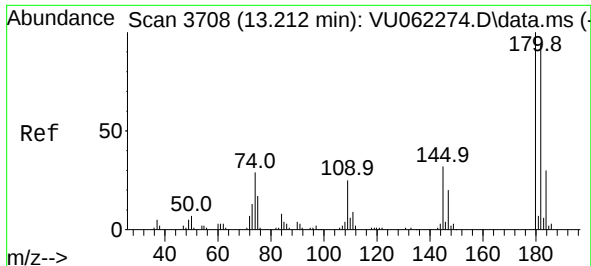
Ion Ratio Lower Upper

75 100

155 74.5 55.2 82.8

157 109.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.439 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 63730

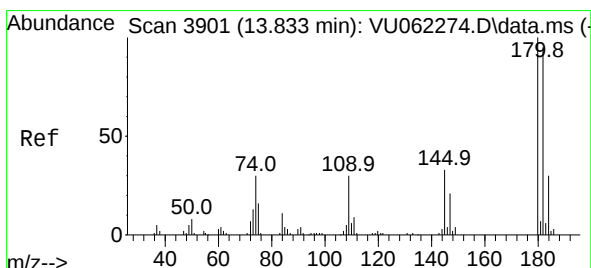
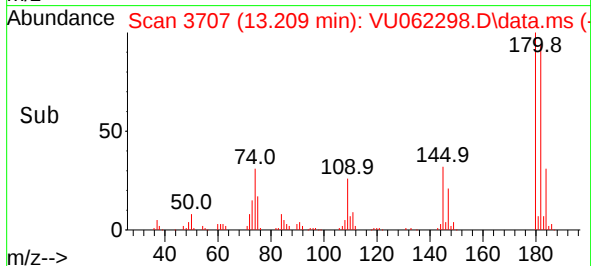
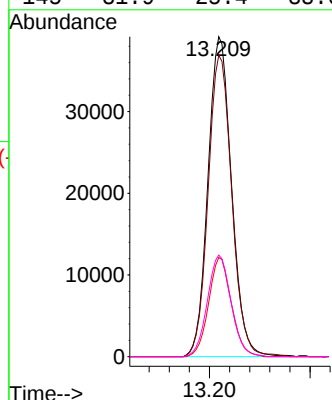
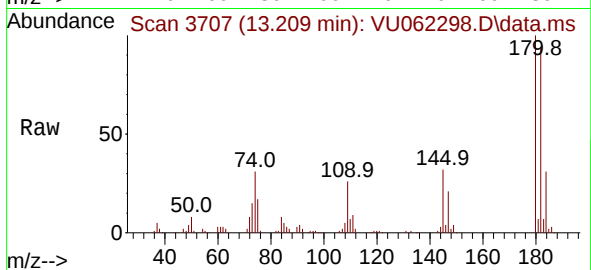
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

184 30.0 24.8 37.2

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.900 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062298.D

Acq: 13 Dec 2024 08:43

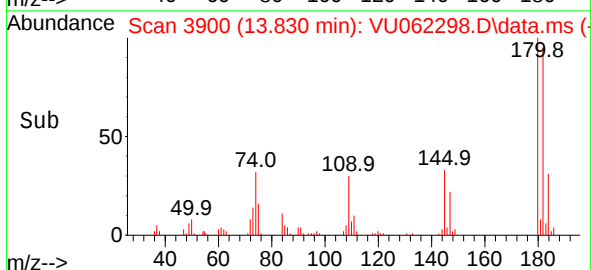
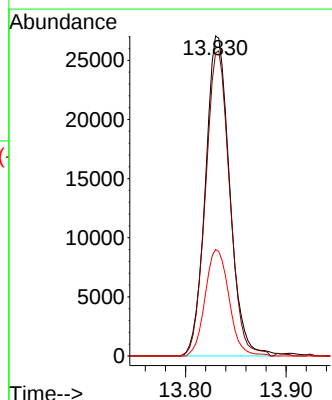
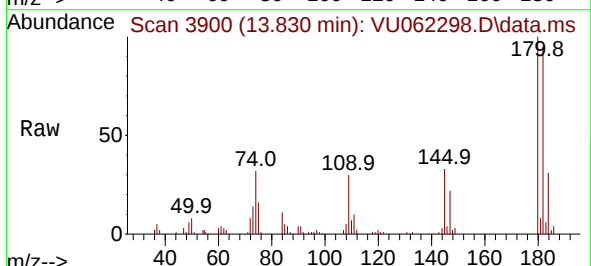
Tgt Ion:180 Resp: 45326

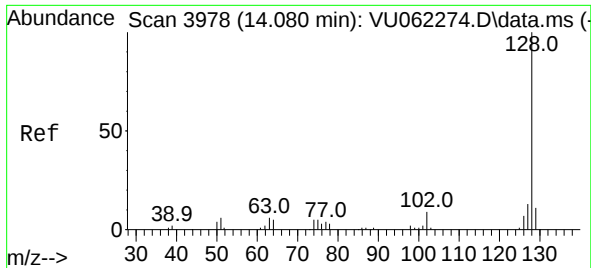
Ion Ratio Lower Upper

180 100

182 94.8 74.5 111.7

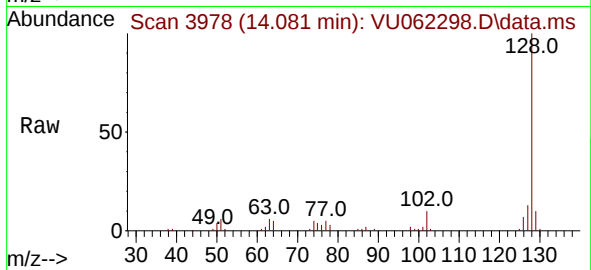
145 32.7 25.6 38.4



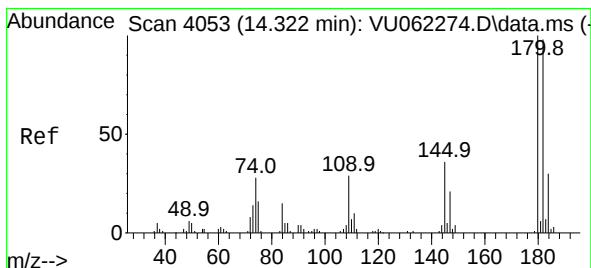
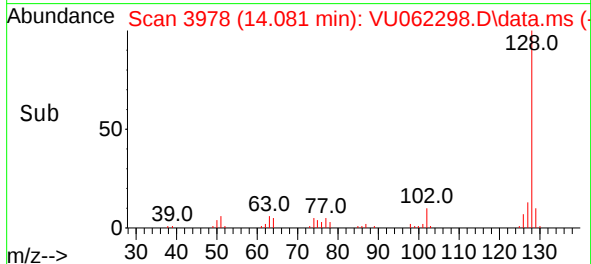
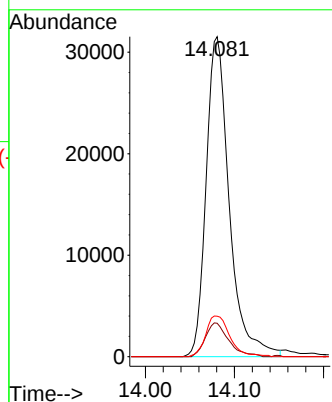


#71
Naphthalene
Concen: 4.090 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 56816
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.620 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062298.D
Acq: 13 Dec 2024 08:43

Tgt Ion:180 Resp: 37688
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 35.0 27.4 41.0

