

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060887.D
 Acq On : 19 Sep 2024 10:20
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	145684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44377	3.406	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.911	69	36886	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	17945	3.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.637	46	96925	46.339	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.680%
24) Chloroform-d	5.055	84	91311	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	44225	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	172242	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	55066	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	163314	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	19497	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	84111	49.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44987	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57741	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48477	4.433	ug/L	99
3) Chloromethane	1.518	50	48621	4.209	ug/L	97
5) Vinyl chloride	1.602	62	54874	4.389	ug/L	98
6) Bromomethane	1.856	94	32683	4.091	ug/L	99
8) Chloroethane	1.930	64	34708	4.544	ug/L	100
9) Trichlorofluoromethane	2.136	101	84871	4.943	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41993	4.208	ug/L	94
12) 1,1-Dichloroethene	2.576	96	42948	4.713	ug/L	85
13) Acetone	2.660	43	62372	44.697	ug/L	91
14) Carbon disulfide	2.788	76	109955	4.350	ug/L	98
15) Methyl Acetate	2.962	43	16760	4.926	ug/L	91
16) Methylene chloride	3.042	84	52433	4.969	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	104854	5.091	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	41970	4.445	ug/L	99
19) 1,1-Dichloroethane	3.862	63	89980	4.746	ug/L	98
21) 2-Butanone	4.714	43	108147	47.609	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	50165	4.801	ug/L	97
23) Bromochloromethane	4.965	128	24604	4.985	ug/L	95
25) Chloroform	5.078	83	98784	4.997	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:51:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

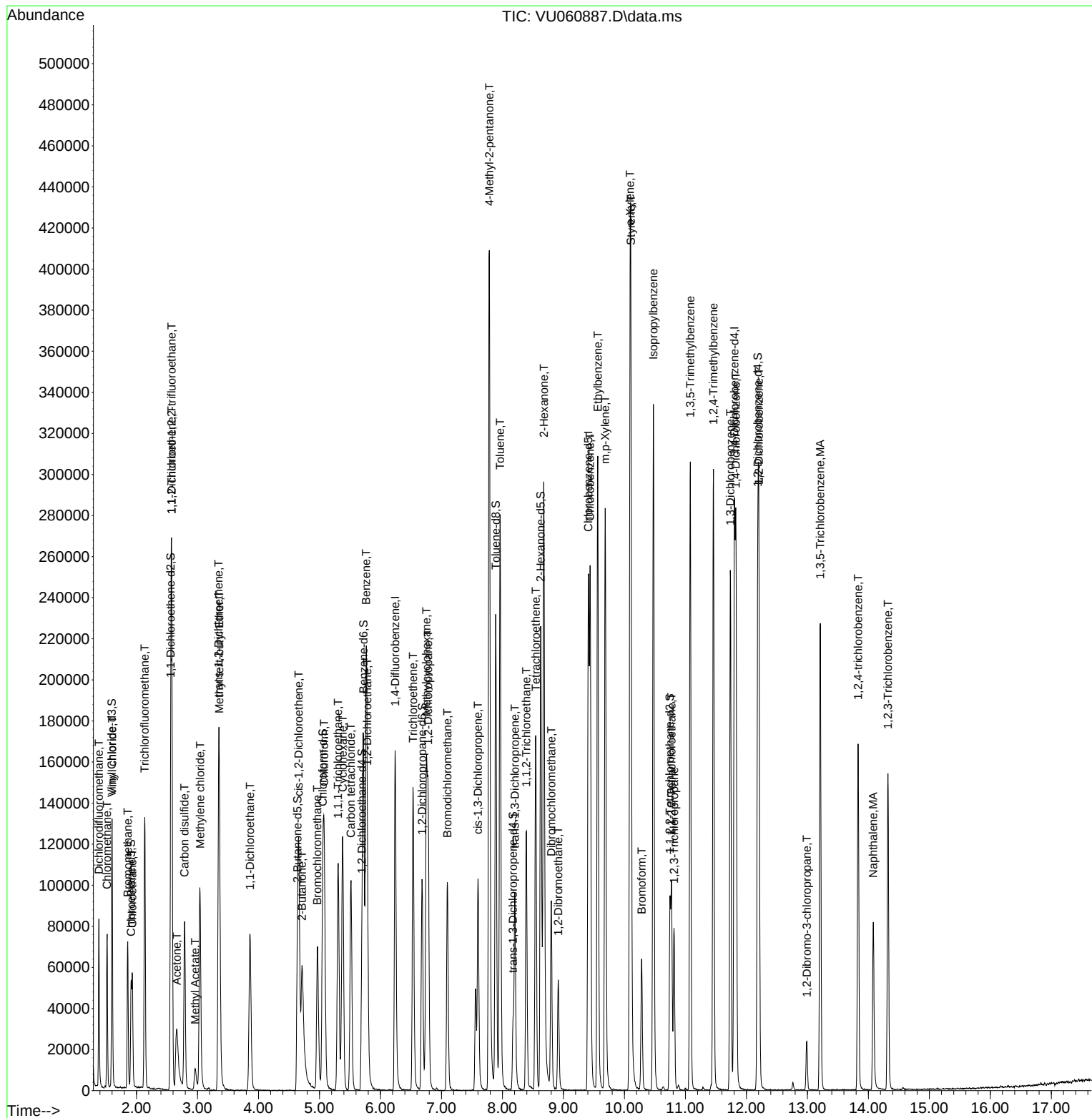
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57934	5.058	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	83406	5.303	ug/L	99
30) Cyclohexane	5.380	56	58429	4.520	ug/L	97
31) Carbon tetrachloride	5.515	117	74579	5.356	ug/L	99
33) Benzene	5.766	78	198240	4.949	ug/L	100
34) Trichloroethene	6.534	95	52167	4.968	ug/L	93
35) Methylcyclohexane	6.753	83	59375	4.121	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54199	4.910	ug/L #	96
38) Bromodichloromethane	7.097	83	67957	5.019	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	66882	4.556	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	266154	51.635	ug/L	99
42) Toluene	7.962	91	216081	5.159	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59667	4.942	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	40258	5.052	ug/L	97
47) Tetrachloroethene	8.547	164	40377	4.838	ug/L	98
48) 2-Hexanone	8.679	43	181687	48.358	ug/L	96
49) Dibromochloromethane	8.801	129	47377	5.223	ug/L	96
50) 1,2-Dibromoethane	8.917	107	36176	5.087	ug/L #	97
51) Chlorobenzene	9.438	112	139275	4.952	ug/L	98
52) Ethylbenzene	9.563	91	222021	5.035	ug/L	99
53) m,p-Xylene	9.685	106	85981	5.143	ug/L	99
54) o-Xylene	10.094	106	83871	5.084	ug/L	96
55) Styrene	10.106	104	142368	5.120	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	49953	5.026	ug/L	99
59) Bromoform	10.283	173	29559	5.256	ug/L	98
60) Isopropylbenzene	10.476	105	220134	4.978	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	33958	4.879	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	167741	4.880	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	167168	4.922	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	111187	5.000	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	109297	4.755	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	104165	4.954	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6722	4.946	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	76681	4.610	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	56585	4.829	ug/L	99
71) Naphthalene	14.080	128	73014	4.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	50593	4.998	ug/L	99

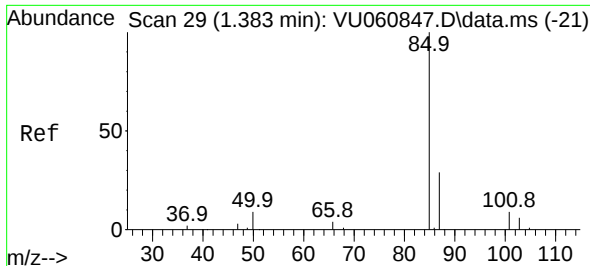
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Data File : VU060887.D
Acq On : 19 Sep 2024 10:20
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 19 23:51:29 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

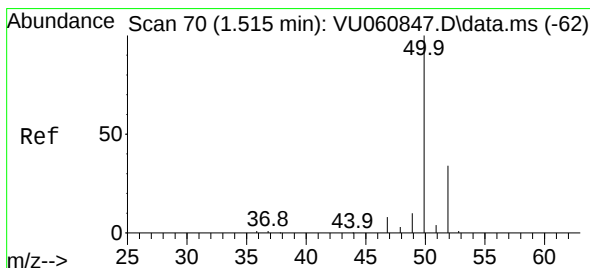
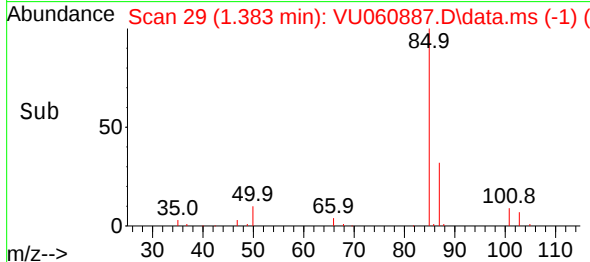
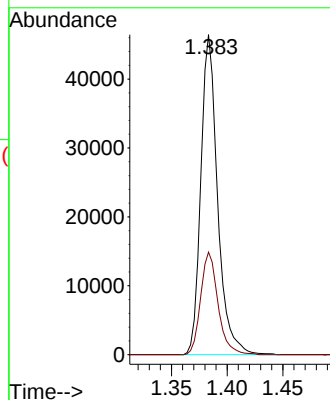
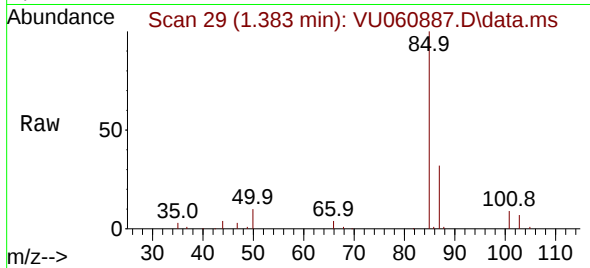




#2
 Dichlorodifluoromethane
 Concen: 4.433 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060887.D
 Acq: 19 Sep 2024 10:20

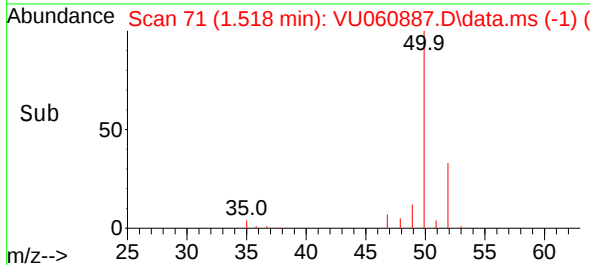
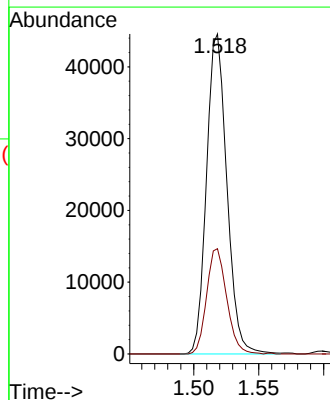
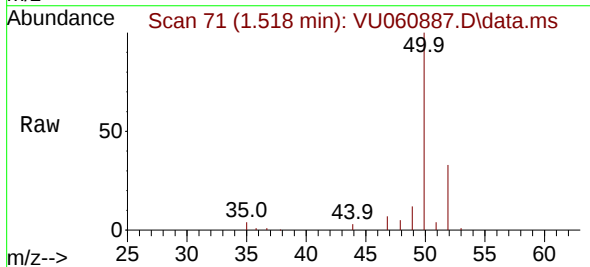
Instrument :
 MSVOA_U
 ClientSampleId :

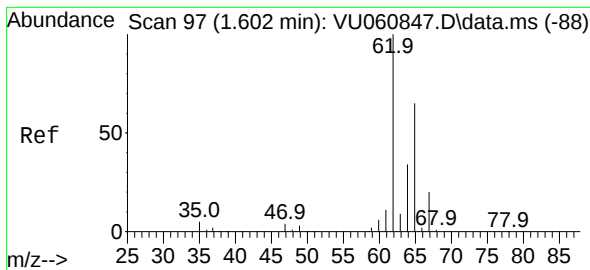
Tgt Ion: 85 Resp: 48477
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.2 39.2



#3
 Chloromethane
 Concen: 4.209 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060887.D
 Acq: 19 Sep 2024 10:20

Tgt Ion: 50 Resp: 48621
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.4 45.4





#5

Vinyl chloride

Concen: 4.389 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

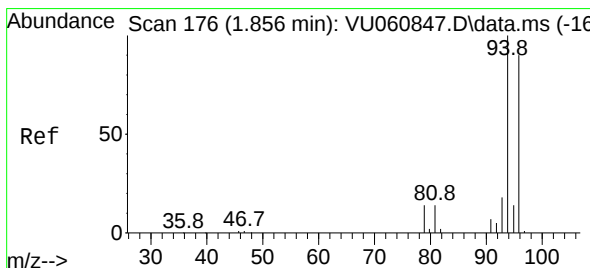
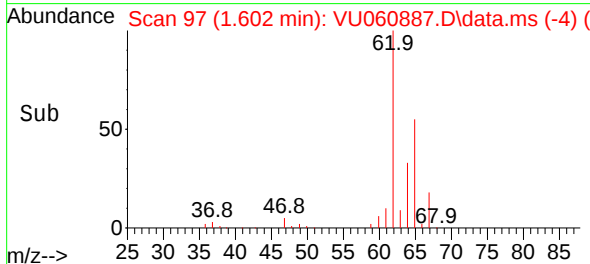
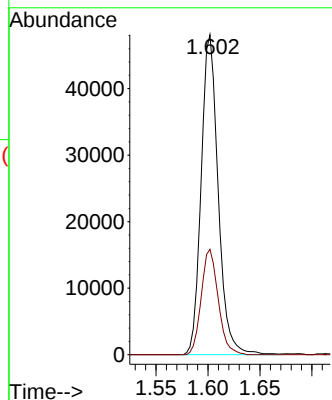
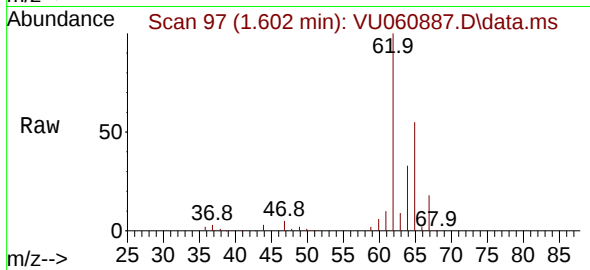
ClientSampleId :

Tgt Ion: 62 Resp: 54874

Ion Ratio Lower Upper

62 100

64 32.9 24.0 44.6



#6

Bromomethane

Concen: 4.091 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060887.D

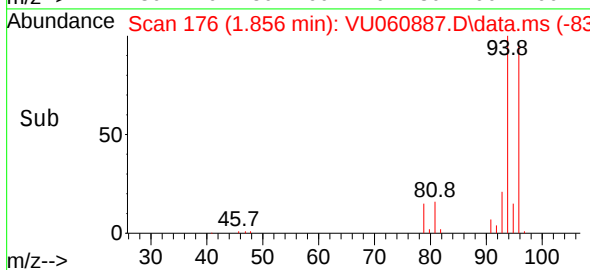
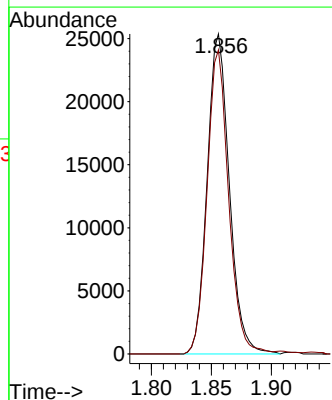
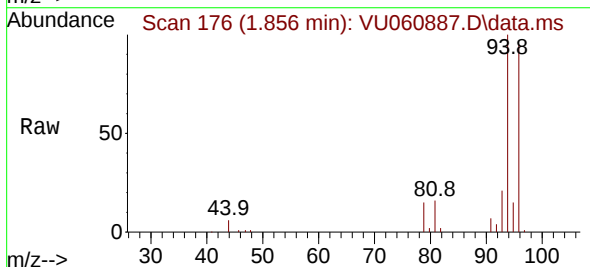
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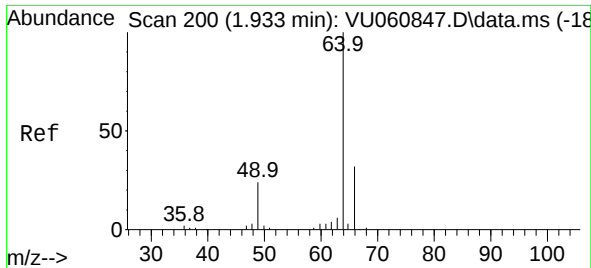
Tgt Ion: 94 Resp: 32683

Ion Ratio Lower Upper

94 100

96 95.0 67.3 124.9

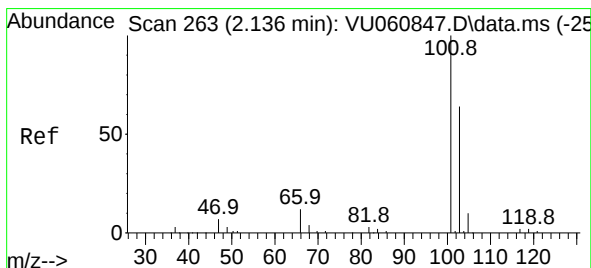
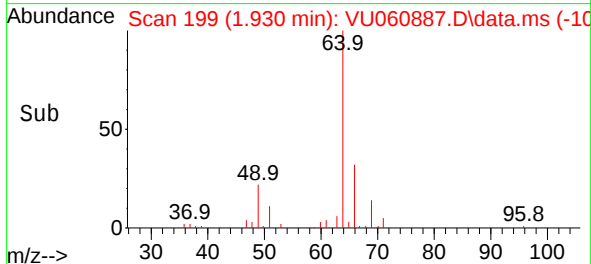
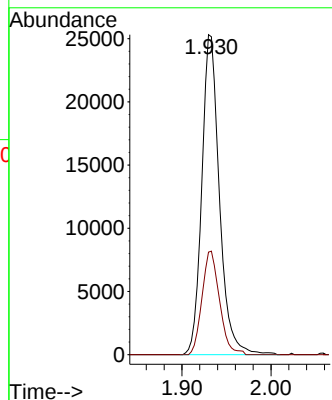
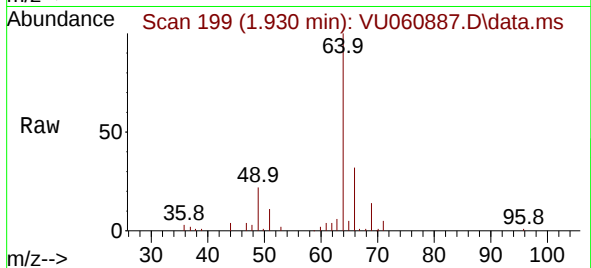




#8
Chloroethane
Concen: 4.544 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

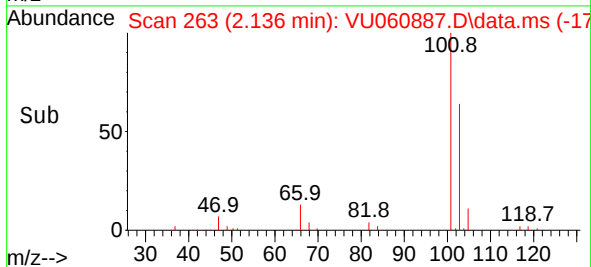
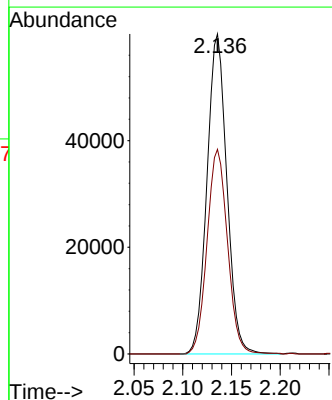
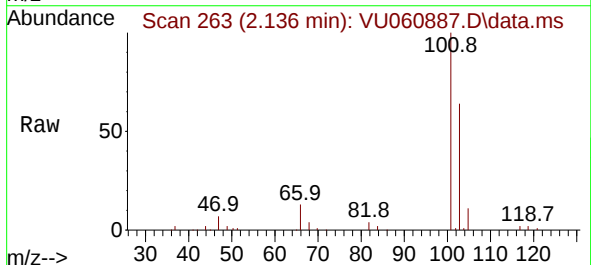
Instrument :
MSVOA_U
ClientSampleId :

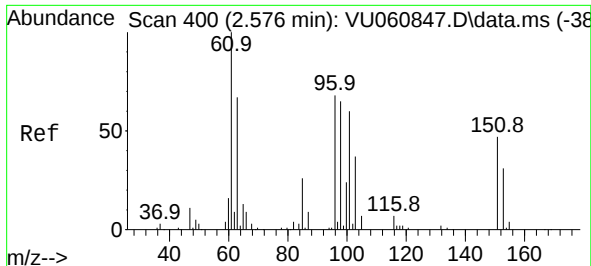
Tgt Ion: 64 Resp: 34708
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.943 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion:101 Resp: 84871
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2





#10

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

Concen: 4.208 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

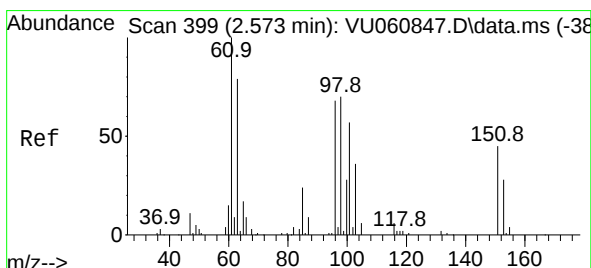
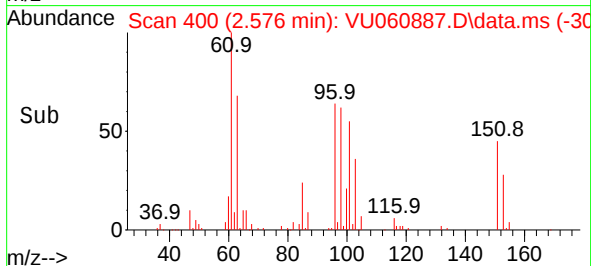
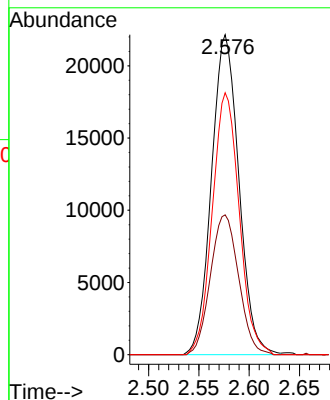
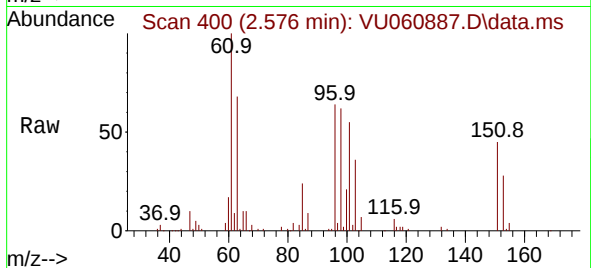
Tgt Ion:101 Resp: 41993

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

151 80.3 58.6 88.0



#12

1,1-Dichloroethene

Concen: 4.713 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

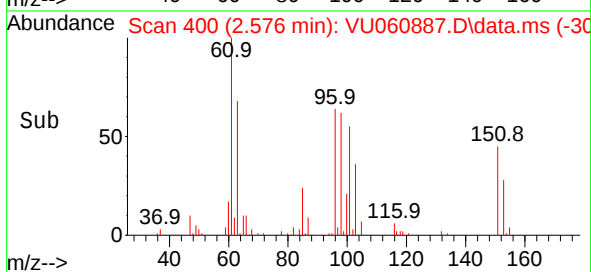
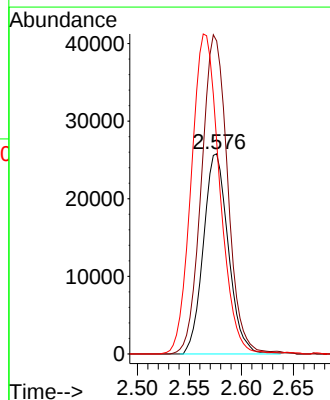
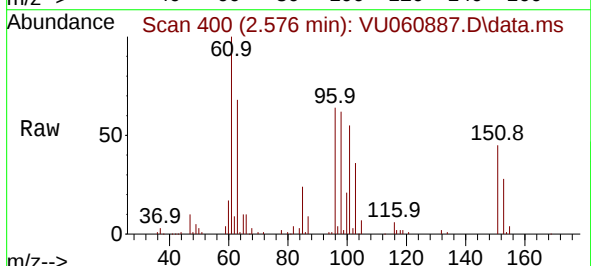
Tgt Ion: 96 Resp: 42948

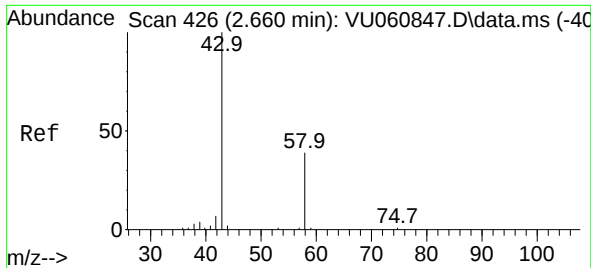
Ion Ratio Lower Upper

96 100

61 156.4 120.7 224.1

63 106.0 90.0 167.2





#13

Acetone

Concen: 44.697 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

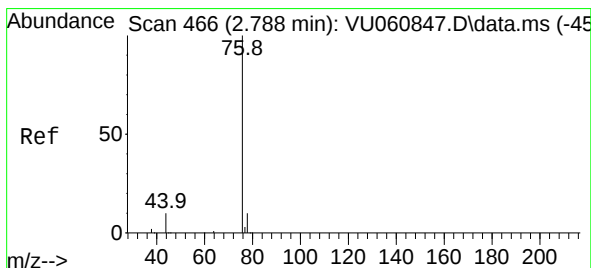
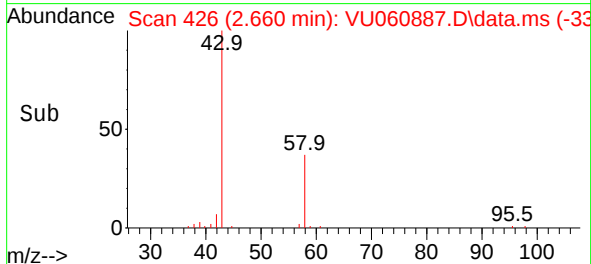
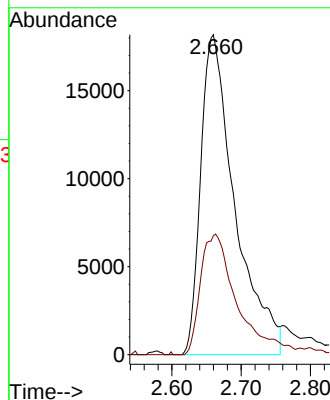
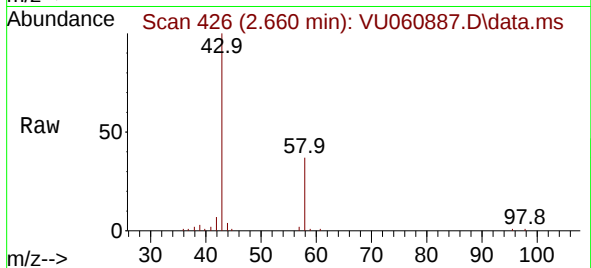
ClientSampleId :

Tgt Ion: 43 Resp: 62372

Ion Ratio Lower Upper

43 100

58 40.1 0.0 69.6



#14

Carbon disulfide

Concen: 4.350 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060887.D

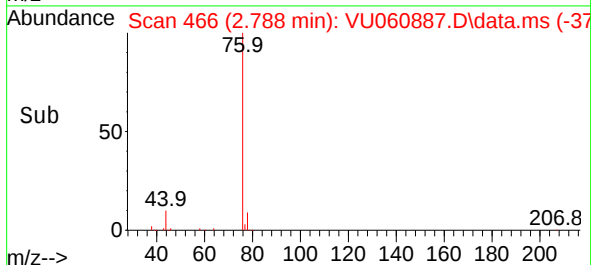
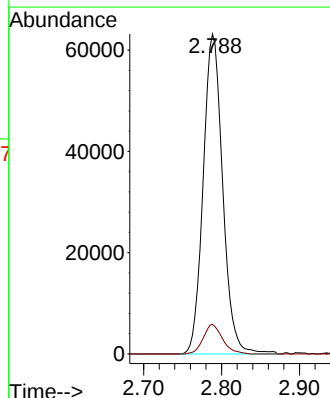
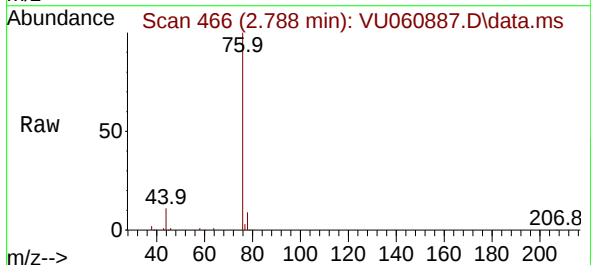
Acq: 19 Sep 2024 10:20

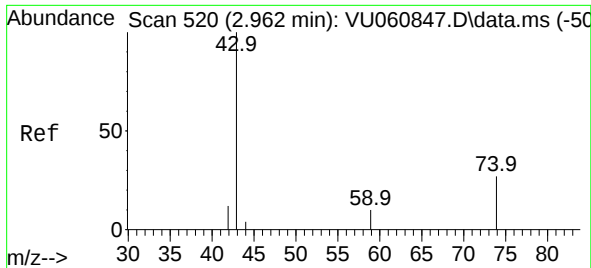
Tgt Ion: 76 Resp: 109955

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7





#15

Methyl Acetate

Concen: 4.926 ug/L

RT: 2.962 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

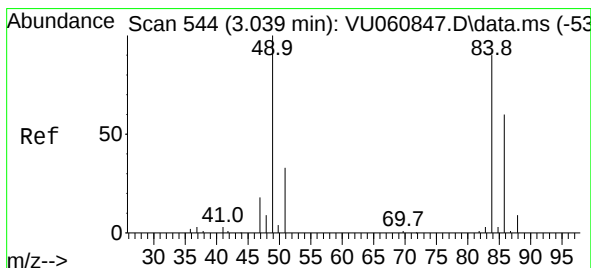
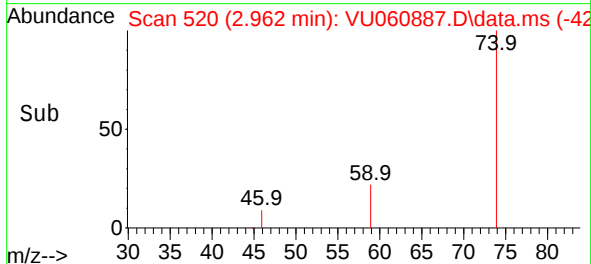
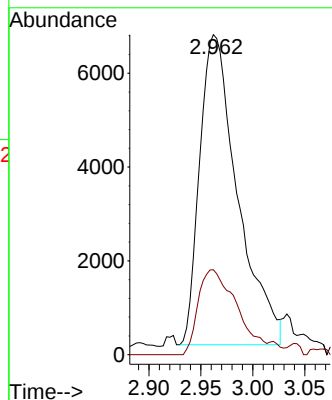
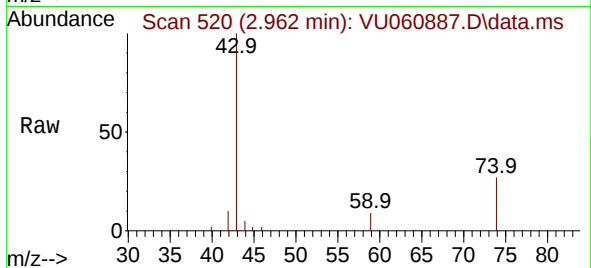
ClientSampleId :

Tgt Ion: 43 Resp: 16760

Ion Ratio Lower Upper

43 100

74 28.0 18.9 28.3



#16

Methylene chloride

Concen: 4.969 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

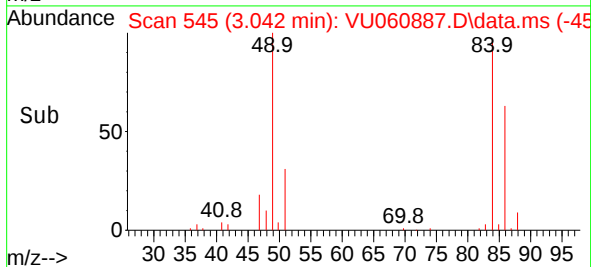
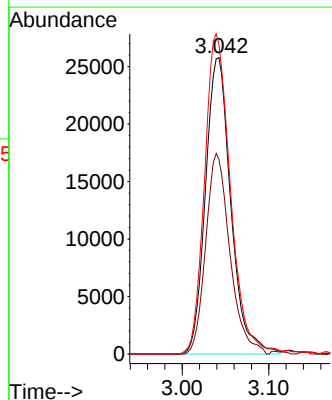
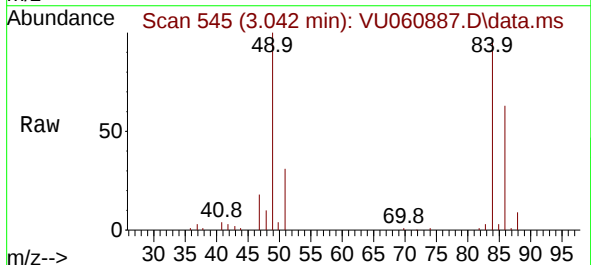
Tgt Ion: 84 Resp: 52433

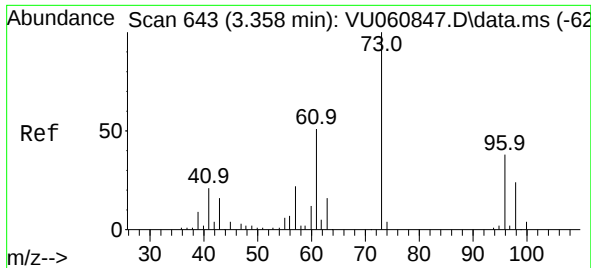
Ion Ratio Lower Upper

84 100

86 65.7 47.3 87.8

49 109.0 78.7 146.1

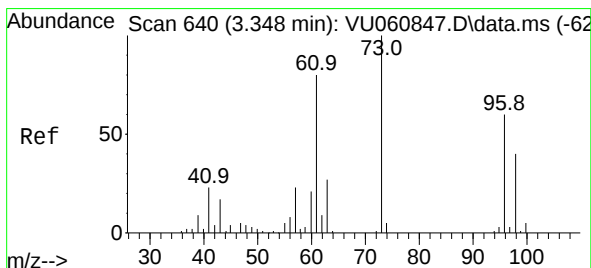
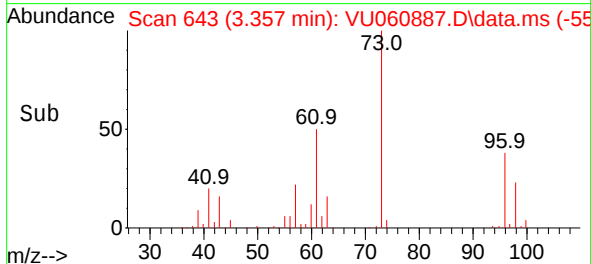
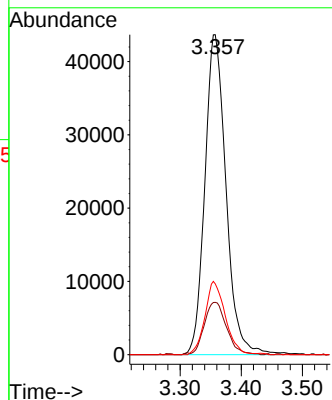
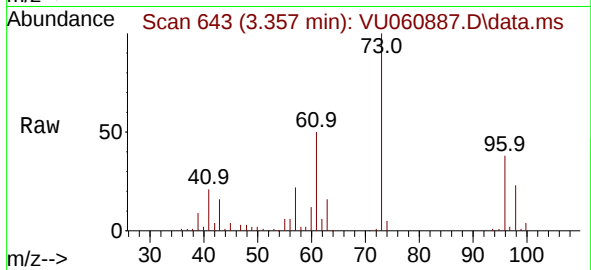




#17
Methyl tert-butyl Ether
Concen: 5.091 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

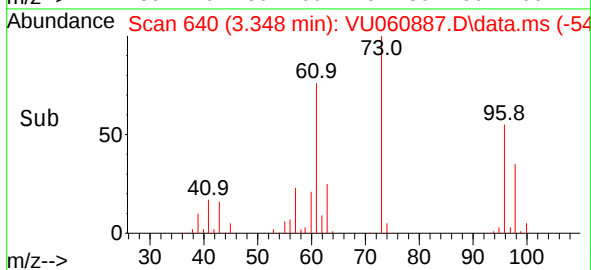
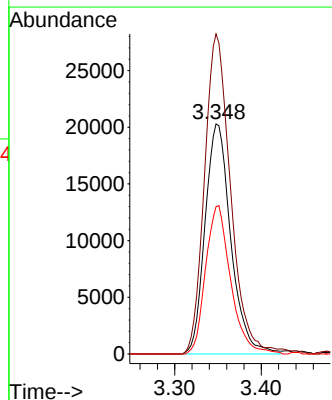
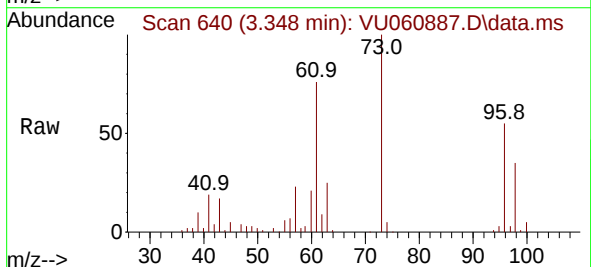
Instrument :
MSVOA_U
ClientSampleId :

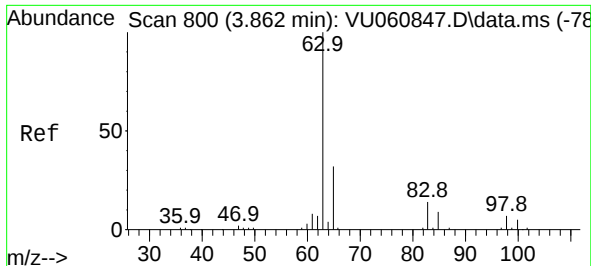
Tgt Ion: 73 Resp: 104854
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.8
57 22.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.445 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion: 96 Resp: 41970
Ion Ratio Lower Upper
96 100
61 139.1 97.2 180.6
98 64.1 43.3 80.5

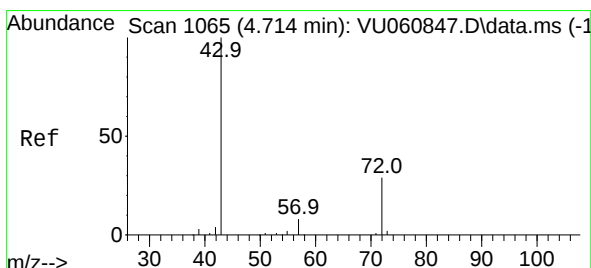
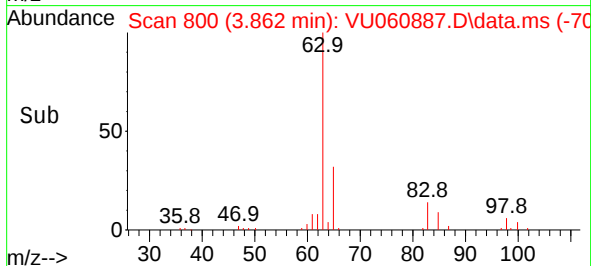
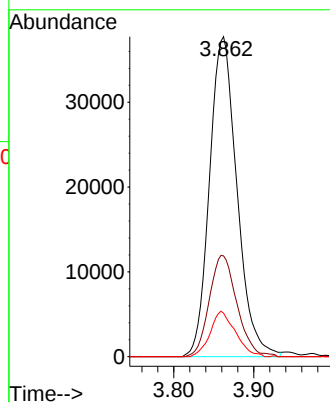
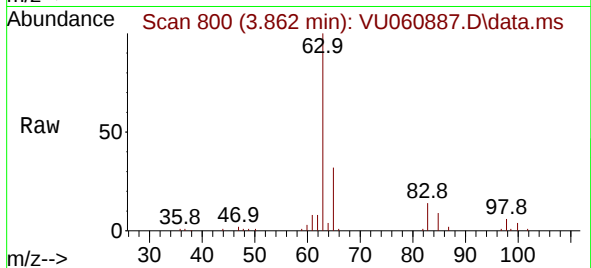




#19
1,1-Dichloroethane
Concen: 4.746 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

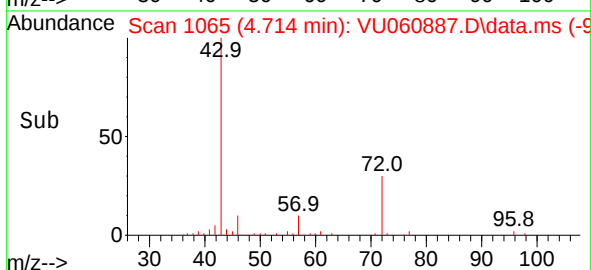
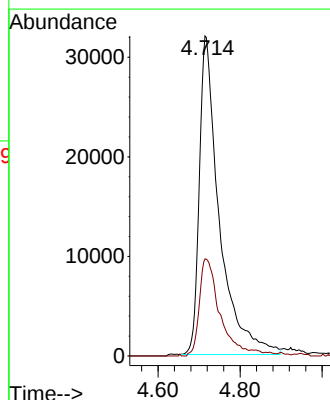
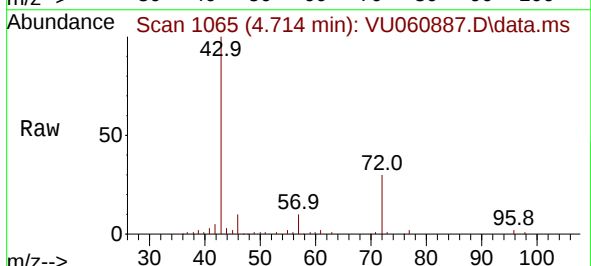
Instrument :
MSVOA_U
ClientSampleId :

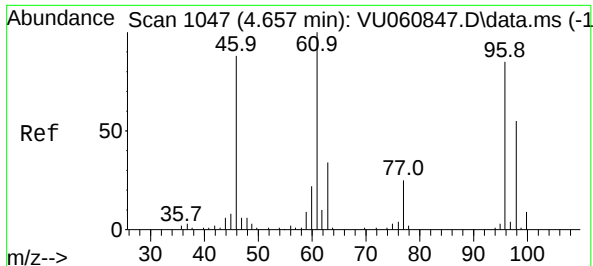
Tgt Ion:	63	Resp:	89980
Ion Ratio	Lower	Upper	
63	100		
65	31.5	23.0	42.8
83	13.6	9.0	16.6



#21
2-Butanone
Concen: 47.609 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion:	43	Resp:	108147
Ion Ratio	Lower	Upper	
43	100		
72	30.6	14.8	44.3





#22

cis-1,2-Dichloroethene

Concen: 4.801 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

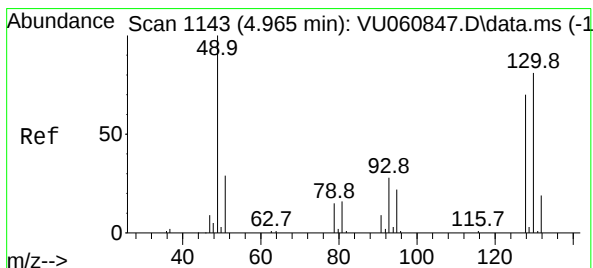
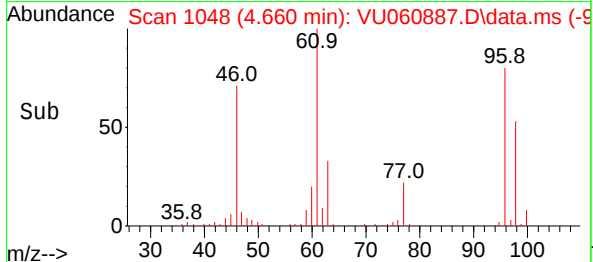
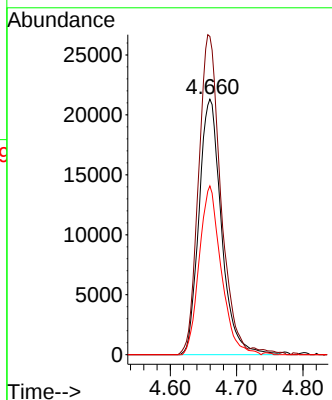
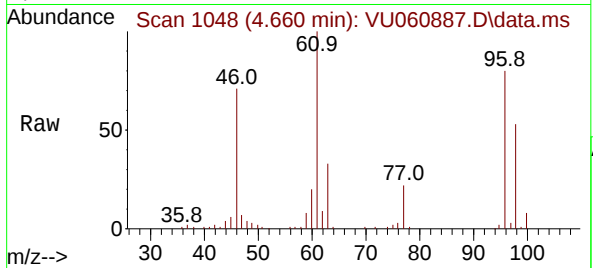
Tgt Ion: 96 Resp: 50165

Ion Ratio Lower Upper

96 100

61 124.5 89.7 166.5

98 66.1 45.1 83.9



#23

Bromochloromethane

Concen: 4.985 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Tgt Ion:128 Resp: 24604

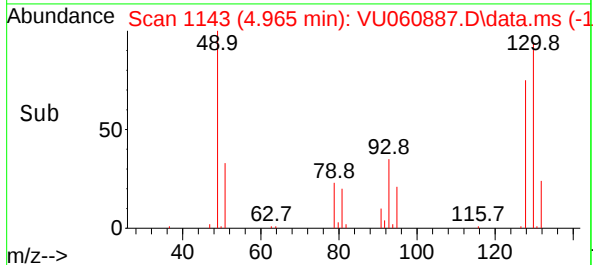
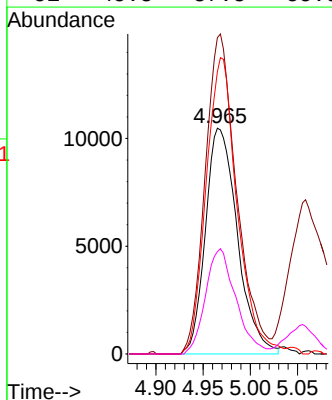
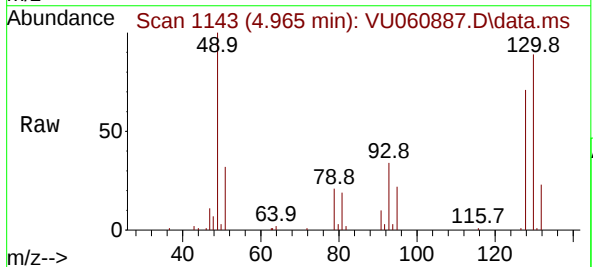
Ion Ratio Lower Upper

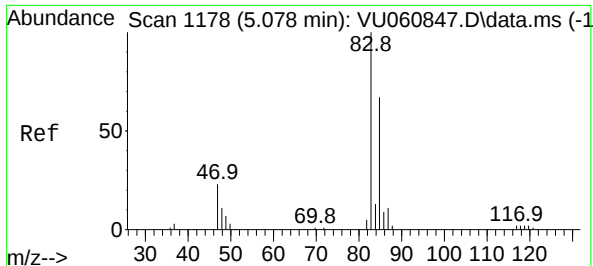
128 100

49 144.5 109.6 203.6

130 125.0 87.8 163.0

51 45.3 37.3 55.9

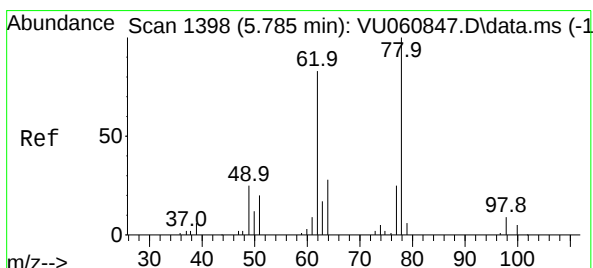
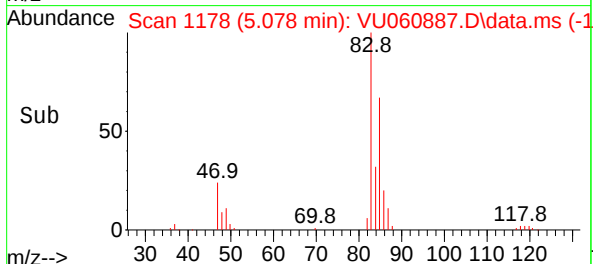
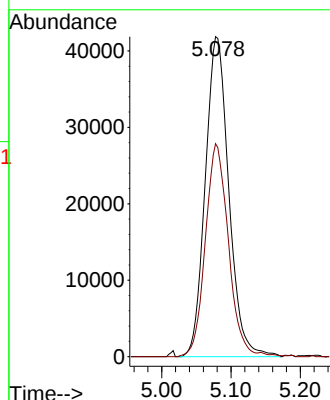
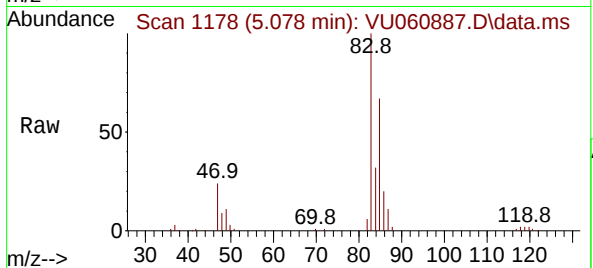




#25
Chloroform
Concen: 4.997 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

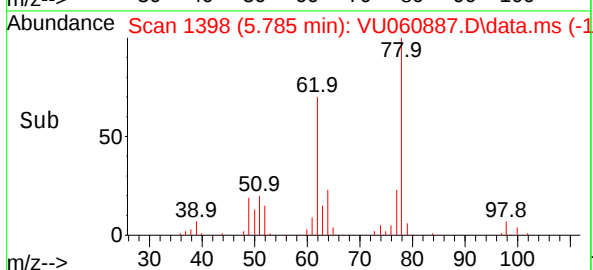
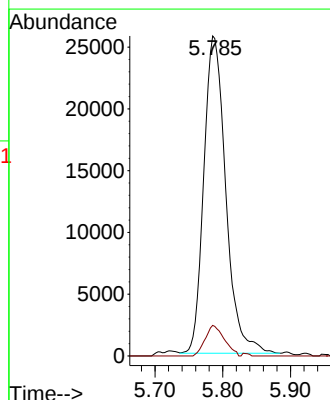
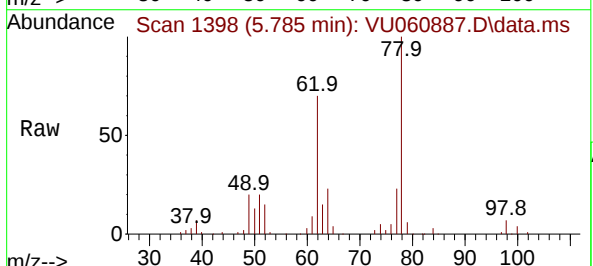
Instrument :
MSVOA_U
ClientSampleId :

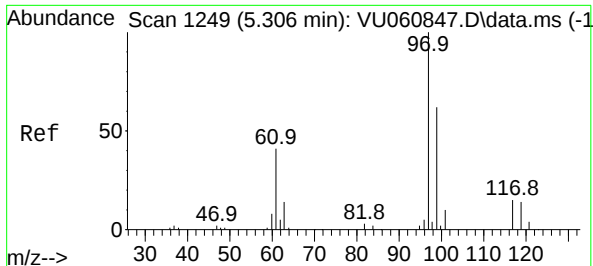
Tgt Ion: 83 Resp: 98784
Ion Ratio Lower Upper
83 100
85 66.6 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.058 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion: 62 Resp: 57934
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4

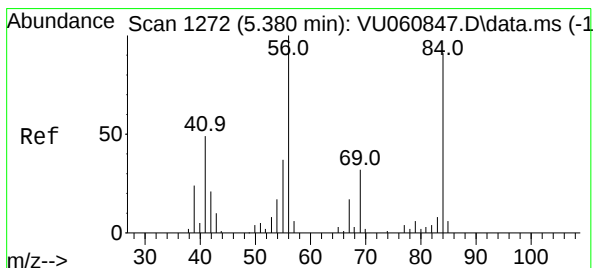
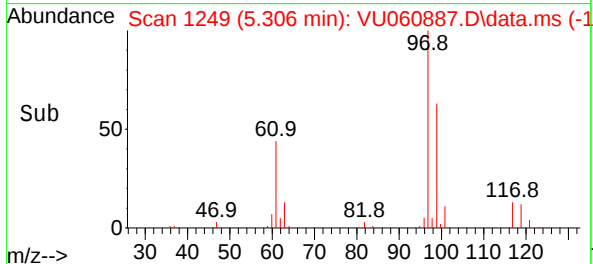
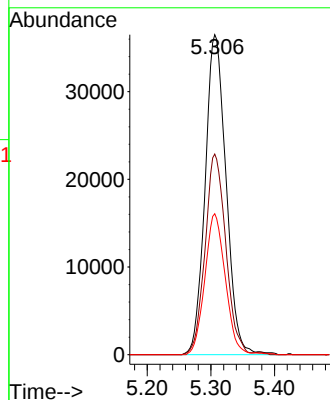
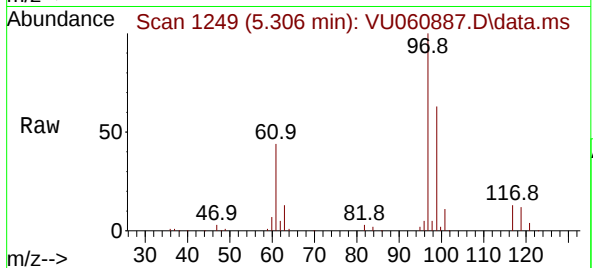




#29
1,1,1-Trichloroethane
Concen: 5.303 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

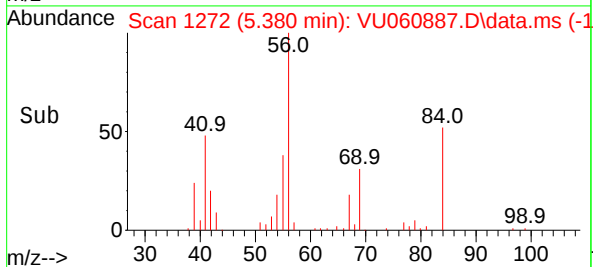
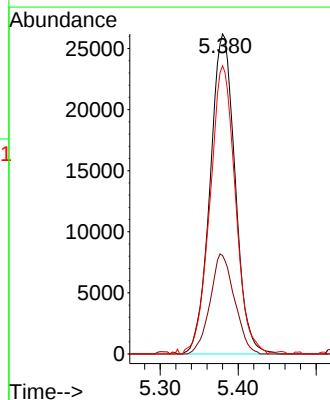
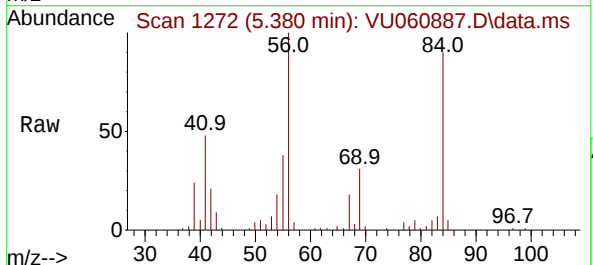
Instrument :
MSVOA_U
ClientSampleId :

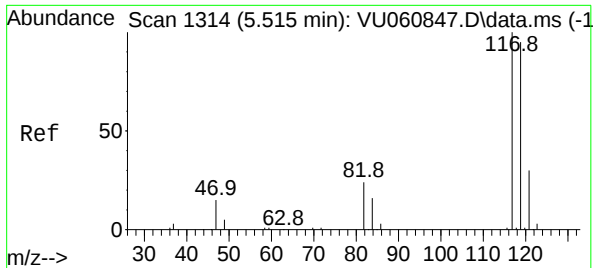
Tgt Ion: 97 Resp: 83406
Ion Ratio Lower Upper
97 100
99 62.3 50.5 75.7
61 43.0 34.4 51.6



#30
Cyclohexane
Concen: 4.520 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion: 56 Resp: 58429
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 91.3 71.0 106.6

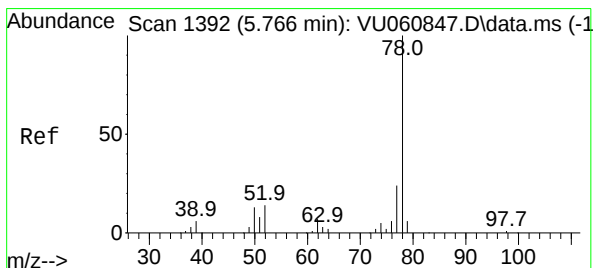
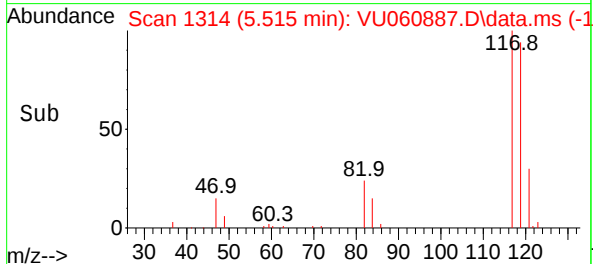
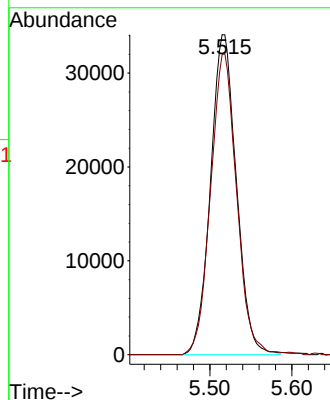
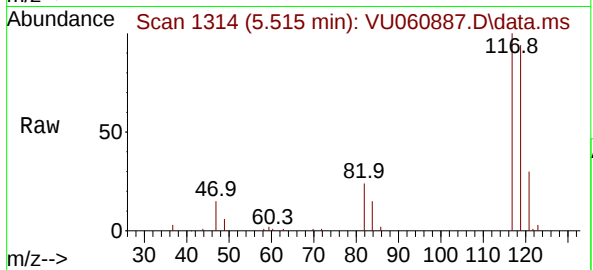




#31
Carbon tetrachloride
Concen: 5.356 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

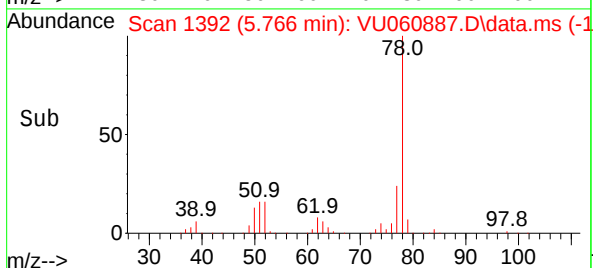
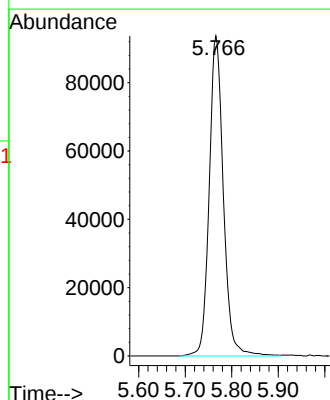
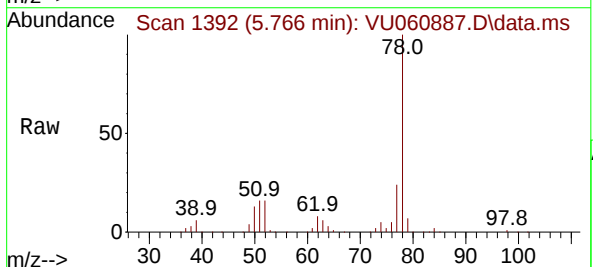
Instrument :
MSVOA_U
ClientSampleId :

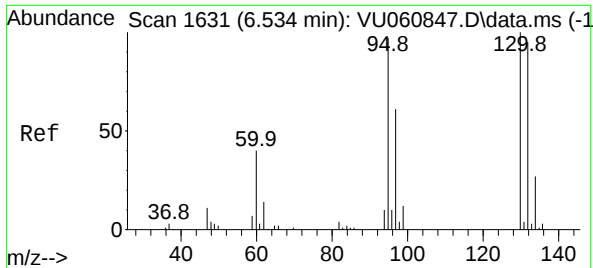
Tgt Ion:117 Resp: 74579
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5



#33
Benzene
Concen: 4.949 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

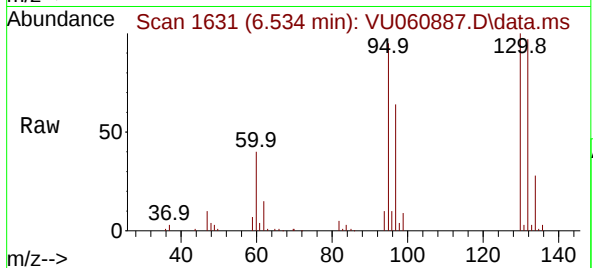
Tgt Ion: 78 Resp: 198240





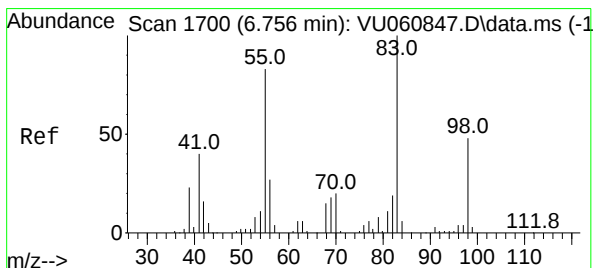
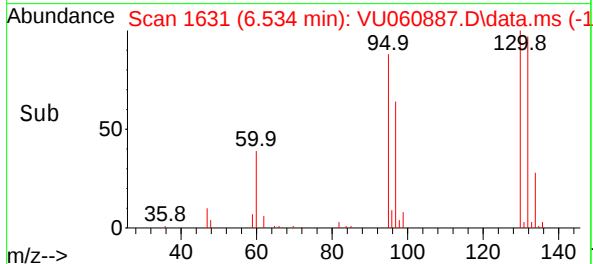
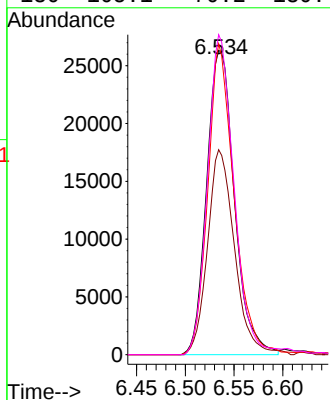
#34
Trichloroethene
Concen: 4.968 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 52167

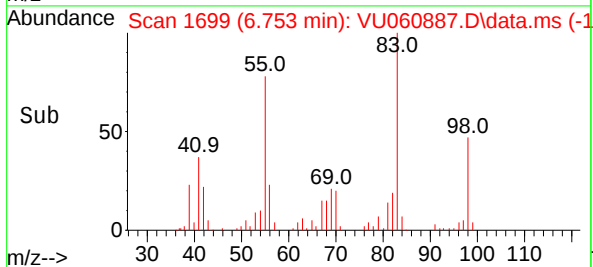
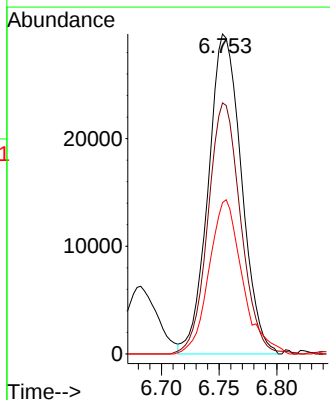
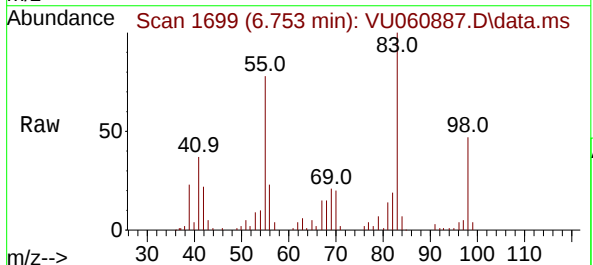
Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.9	83.5
132	102.1	63.5	117.9
130	105.1	70.2	130.4

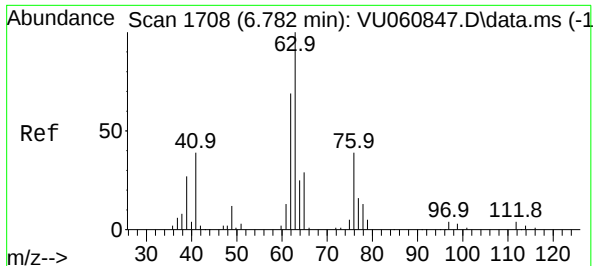


#35
Methylcyclohexane
Concen: 4.121 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion: 83 Resp: 59375

Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.6	94.0
98	48.2	37.6	56.4

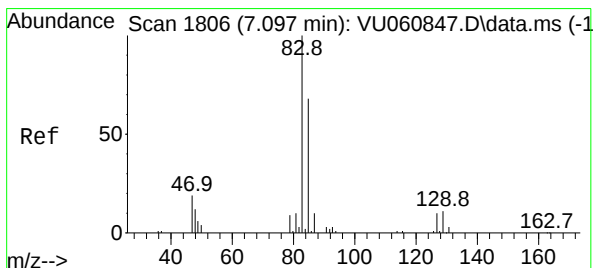
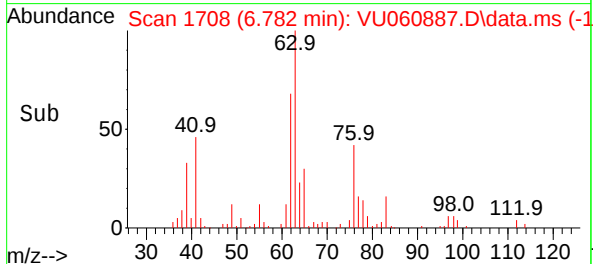
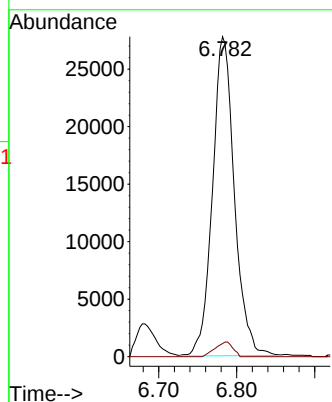
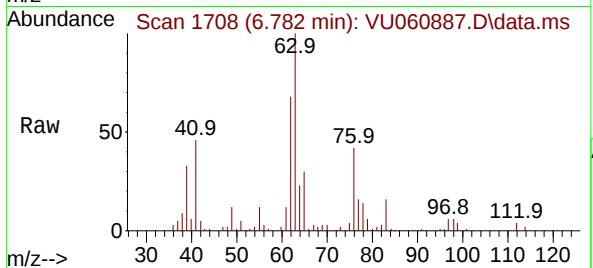




#37
1,2-Dichloropropane
Concen: 4.910 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

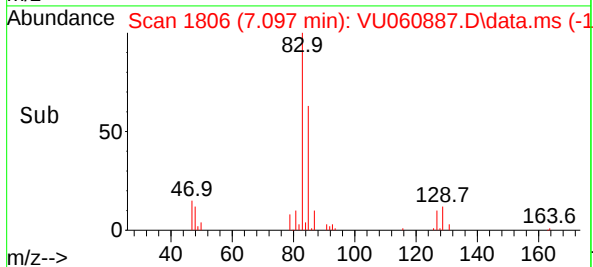
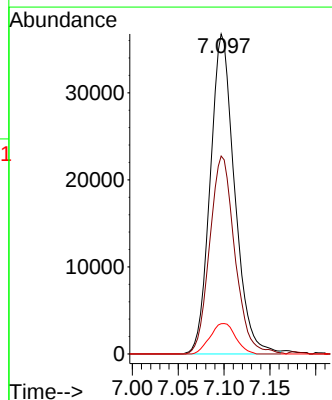
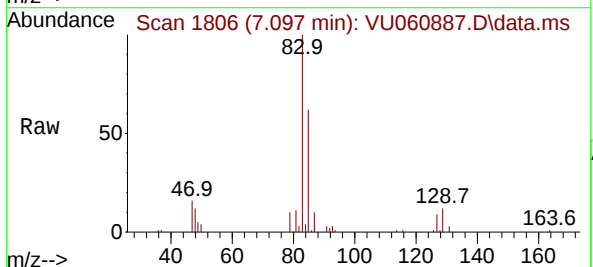
Instrument :
MSVOA_U
ClientSampleId :

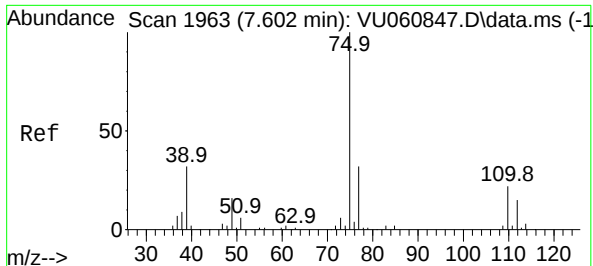
Tgt Ion: 63 Resp: 54199
Ion Ratio Lower Upper
63 100
112 3.7 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.019 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion: 83 Resp: 67957
Ion Ratio Lower Upper
83 100
85 61.8 45.6 84.8
127 9.5 7.0 10.6

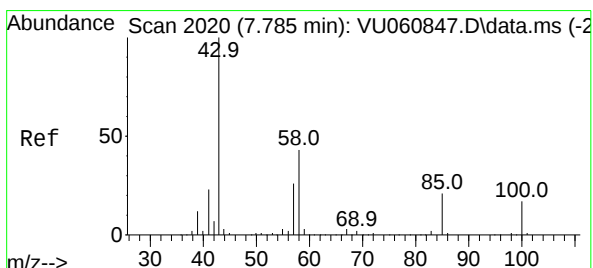
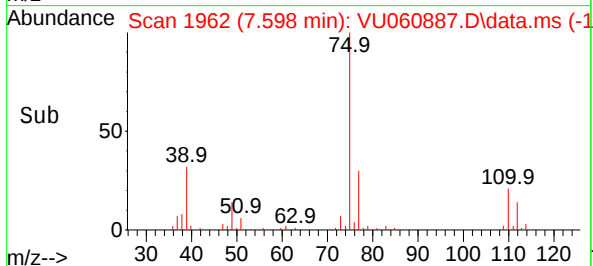
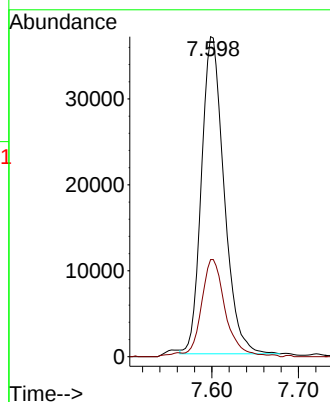
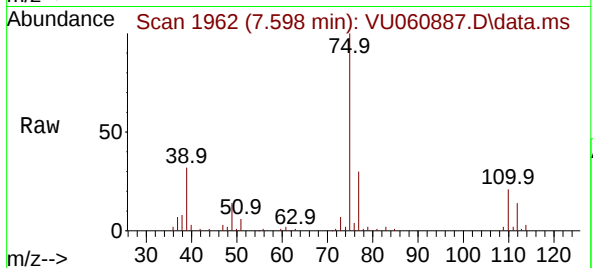




#39
 cis-1,3-Dichloropropene
 Concen: 4.556 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU060887.D
 Acq: 19 Sep 2024 10:20

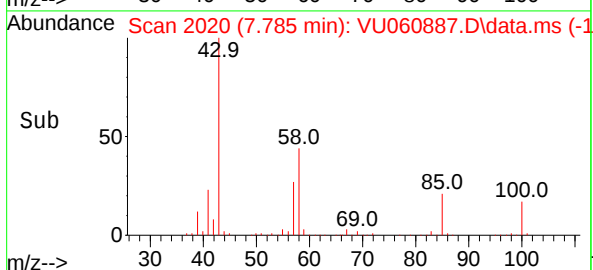
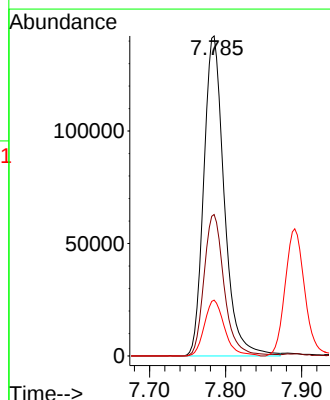
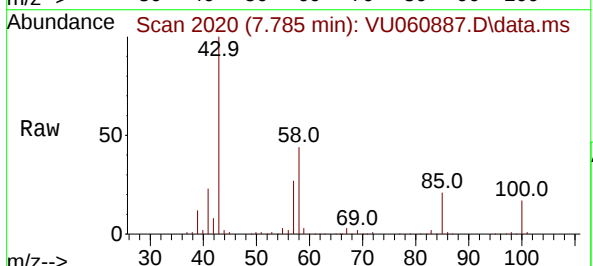
Instrument :
 MSVOA_U
 ClientSampleId :

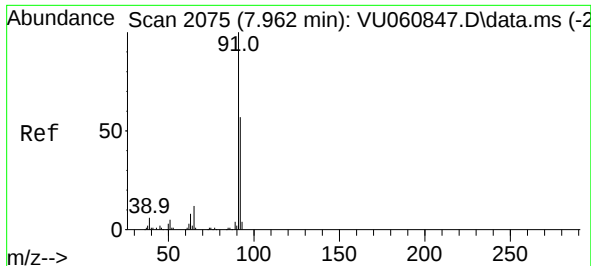
Tgt Ion: 75 Resp: 66882
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 51.635 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060887.D
 Acq: 19 Sep 2024 10:20

Tgt Ion: 43 Resp: 266154
 Ion Ratio Lower Upper
 43 100
 58 43.8 34.9 52.3
 100 17.2 13.4 20.0





#42

Toluene

Concen: 5.159 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

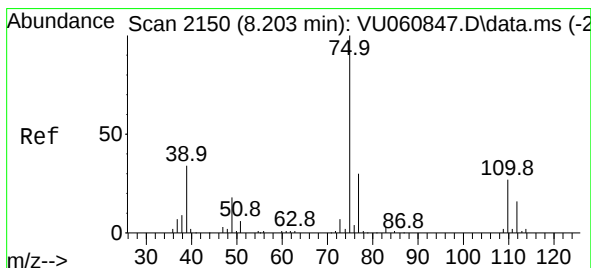
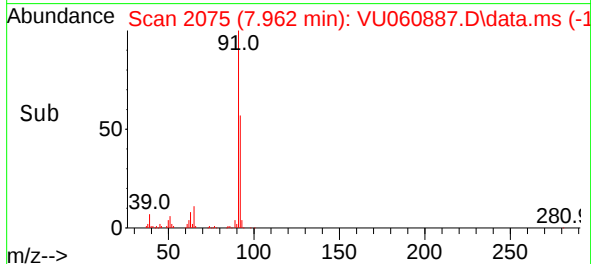
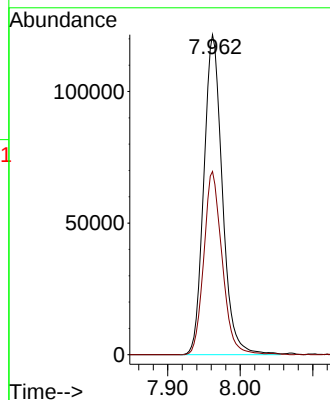
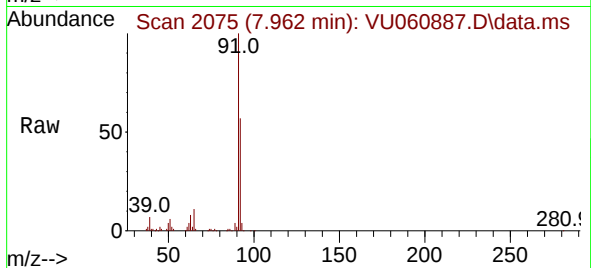
ClientSampleId :

Tgt Ion: 91 Resp: 216081

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060887.D

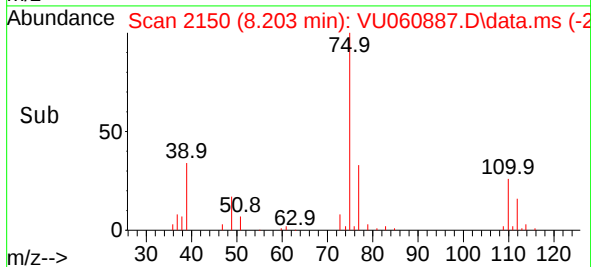
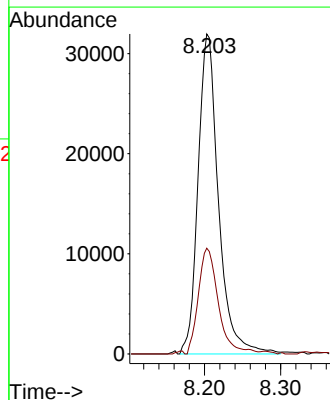
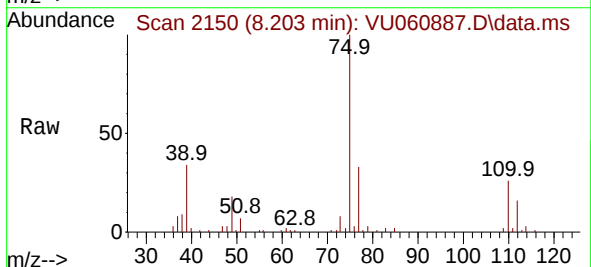
Acq: 19 Sep 2024 10:20

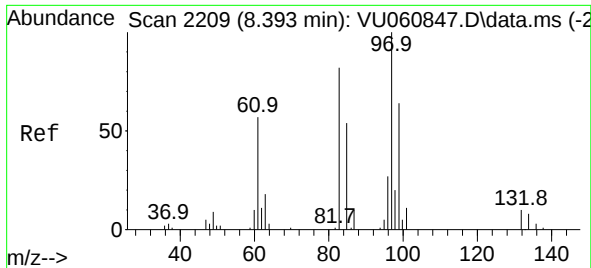
Tgt Ion: 75 Resp: 59667

Ion Ratio Lower Upper

75 100

77 33.1 23.1 42.9

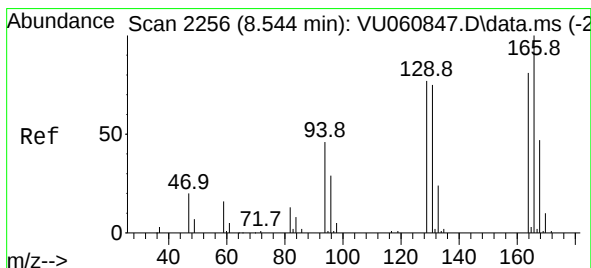
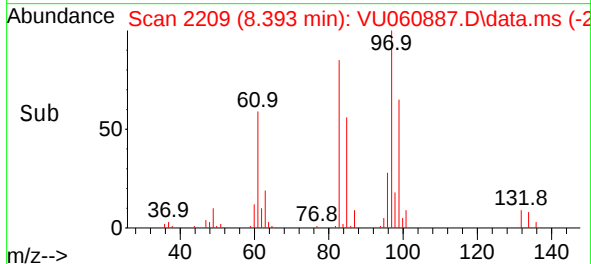
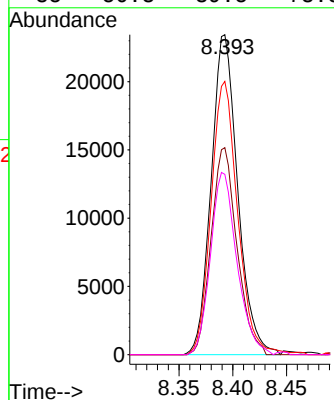
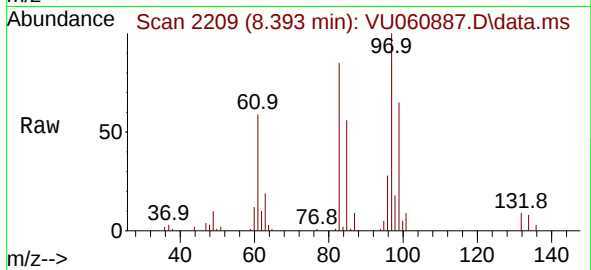




#45
1,1,2-Trichloroethane
Concen: 5.052 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

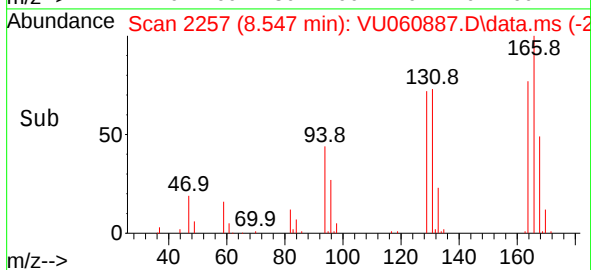
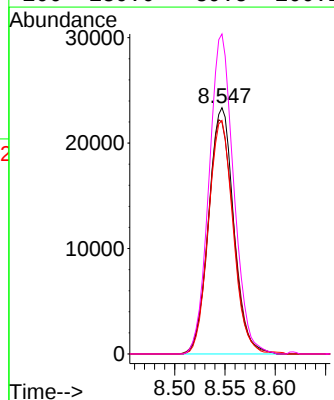
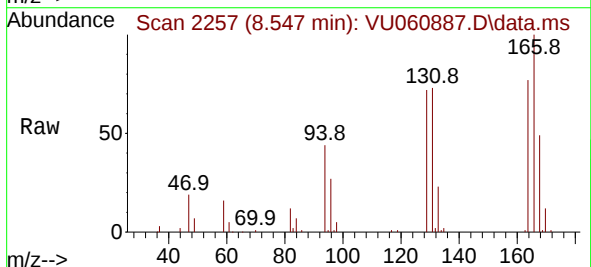
Instrument :
MSVOA_U
ClientSampleId :

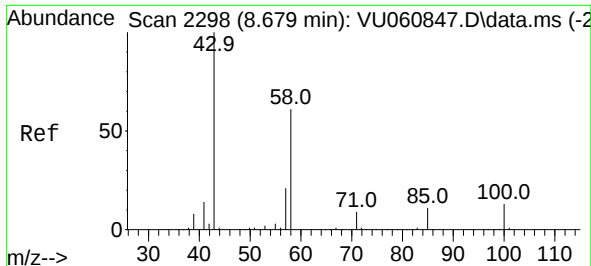
Tgt Ion:	97	Resp:	40258
Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.3	78.5
83	85.4	61.7	114.5
85	56.3	39.5	73.3



#47
Tetrachloroethene
Concen: 4.838 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

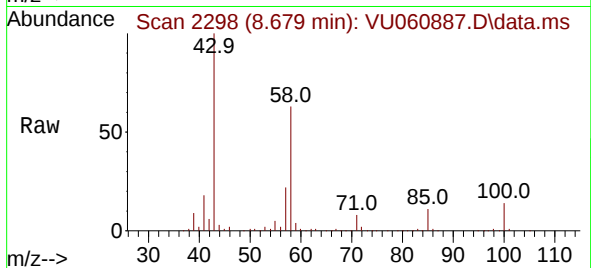
Tgt Ion:	164	Resp:	40377
Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.3	124.9
131	94.8	65.4	121.4
166	130.0	89.5	166.1



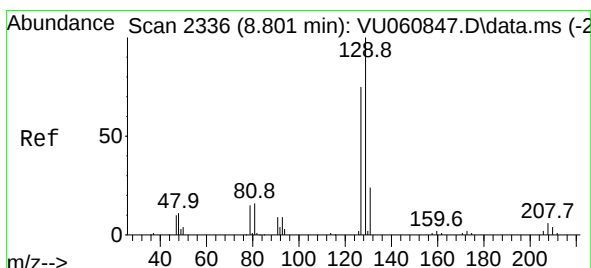
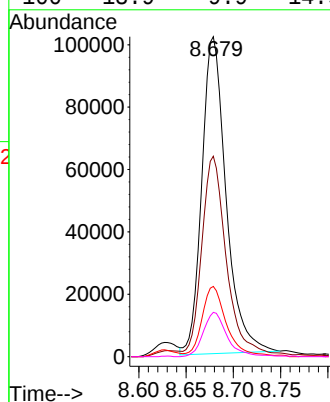
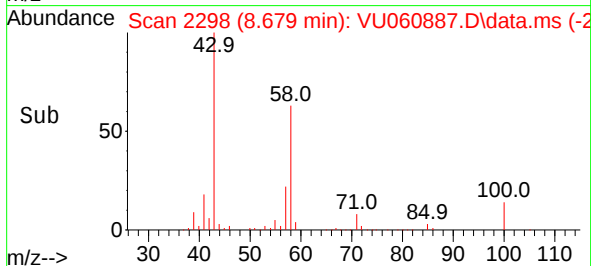


#48
2-Hexanone
Concen: 48.358 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

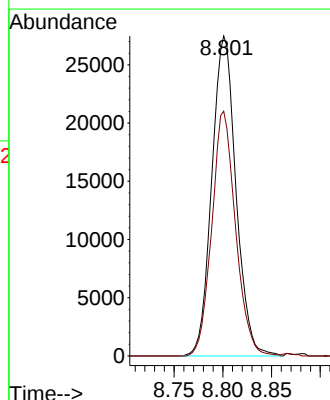
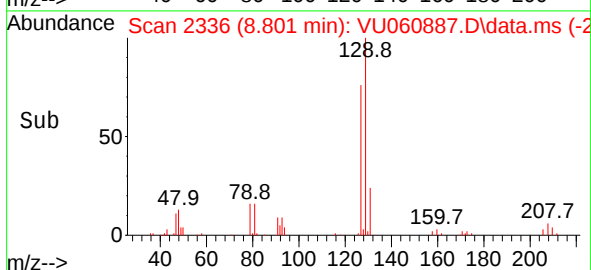
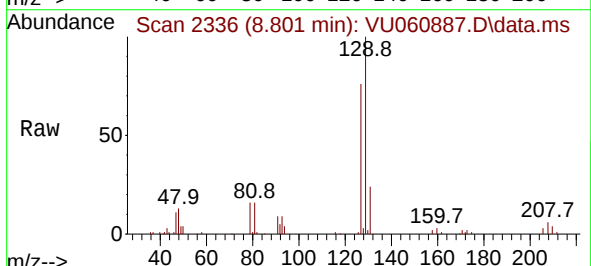


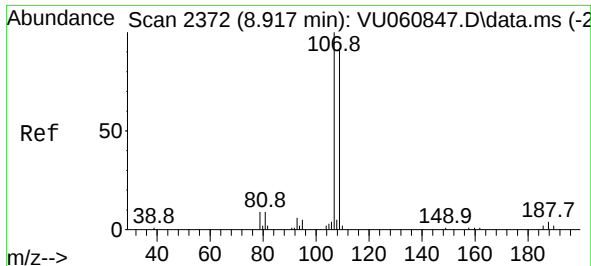
Tgt Ion:	43	Resp:	181687
Ion	Ratio	Lower	Upper
43	100		
58	63.6	48.3	72.5
57	21.5	15.9	23.9
100	13.9	9.9	14.9



#49
Dibromochloromethane
Concen: 5.223 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

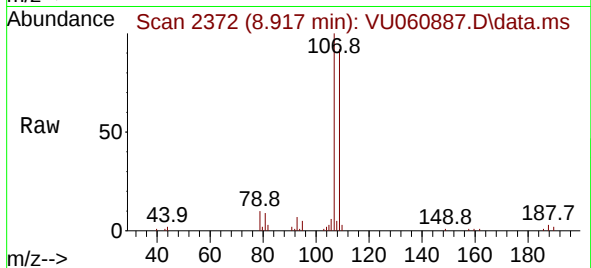
Tgt Ion:	129	Resp:	47377
Ion	Ratio	Lower	Upper
129	100		
127	76.5	56.1	104.1



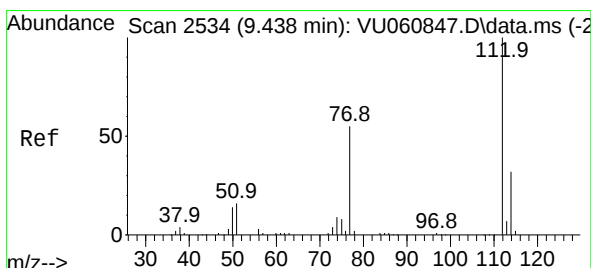
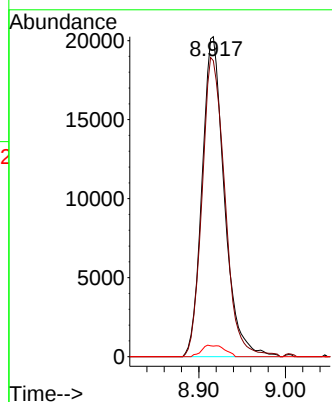
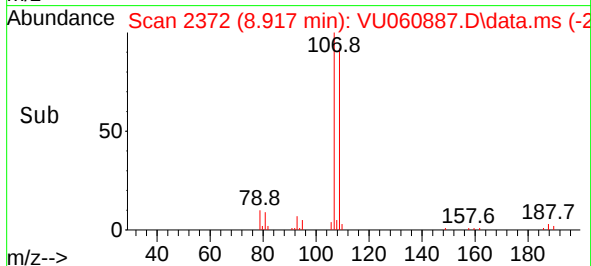


#50
1,2-Dibromoethane
Concen: 5.087 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

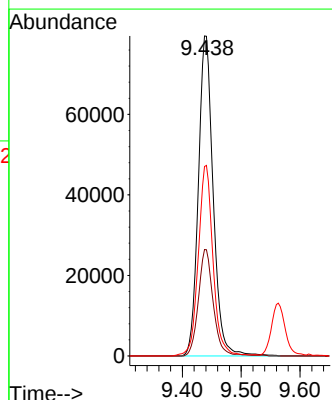
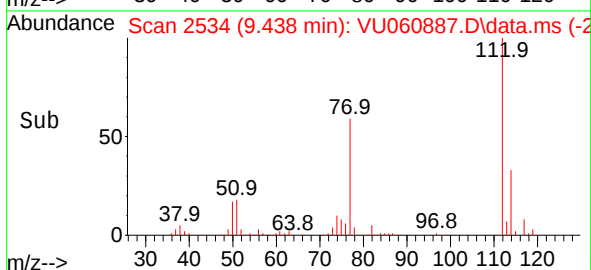
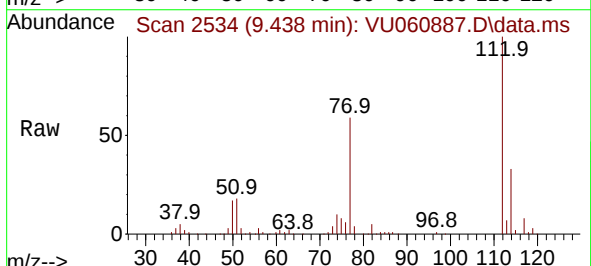


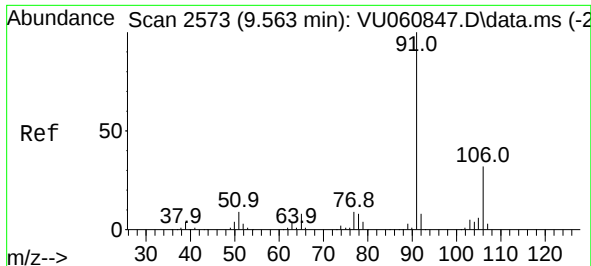
Tgt Ion:107 Resp: 36176
Ion Ratio Lower Upper
107 100
109 92.5 66.8 124.0
188 3.3 3.4 5.0#



#51
Chlorobenzene
Concen: 4.952 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion:112 Resp: 139275
Ion Ratio Lower Upper
112 100
114 33.3 22.2 41.2
77 59.2 46.1 69.1





#52

Ethylbenzene

Concen: 5.035 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

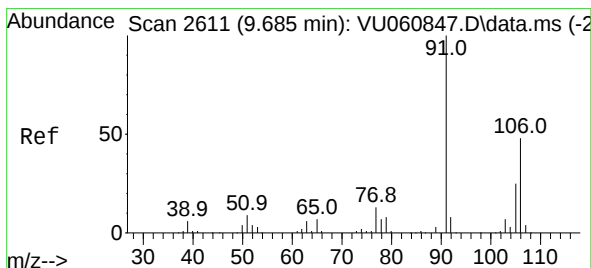
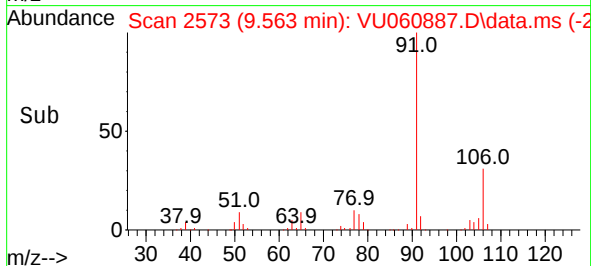
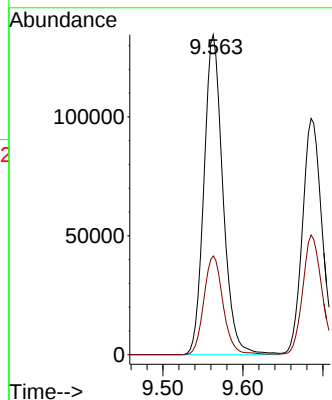
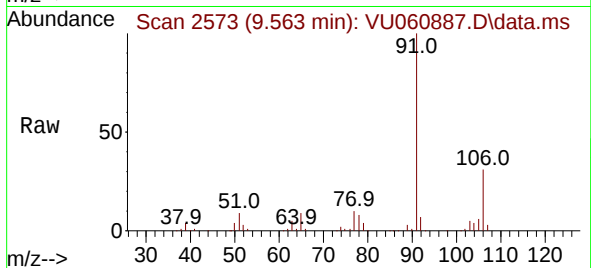
ClientSampleId :

Tgt Ion: 91 Resp: 222021

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.6



#53

m,p-Xylene

Concen: 5.143 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060887.D

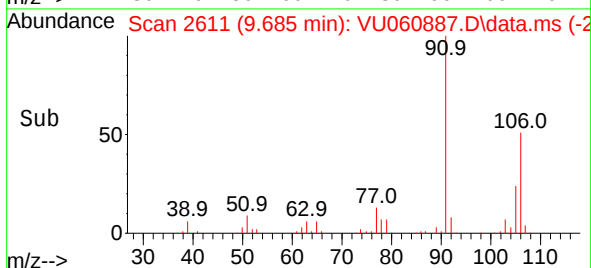
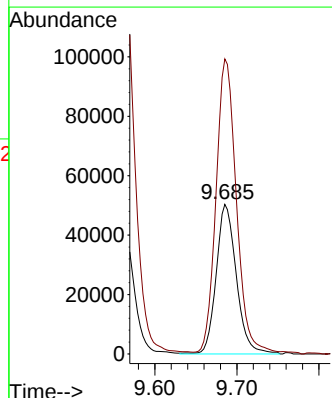
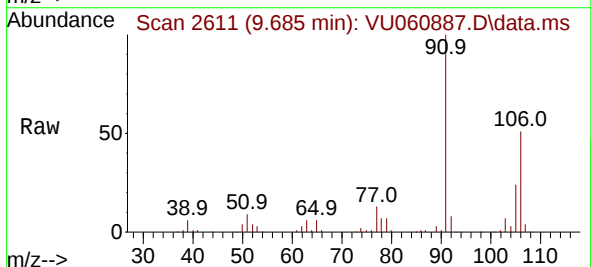
Acq: 19 Sep 2024 10:20

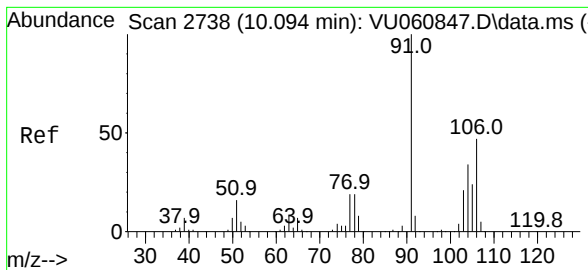
Tgt Ion:106 Resp: 85981

Ion Ratio Lower Upper

106 100

91 197.3 139.7 259.4

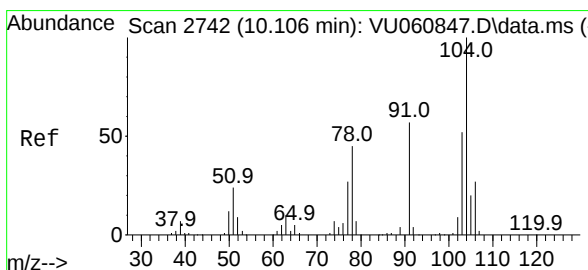
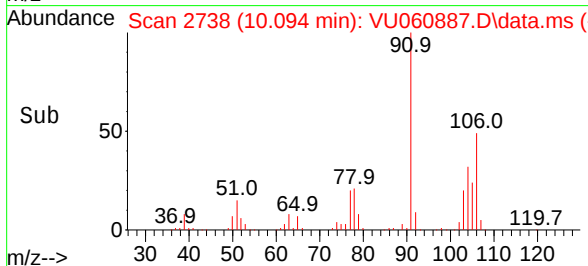
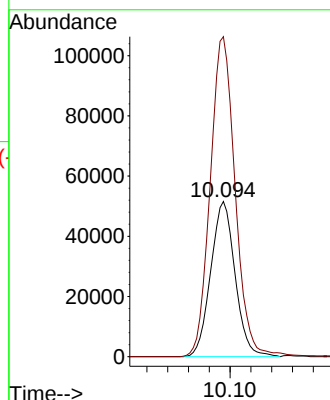
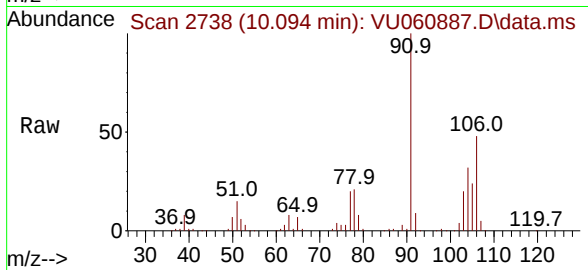




#54
o-Xylene
Concen: 5.084 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

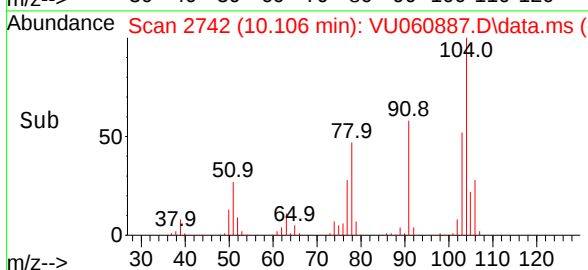
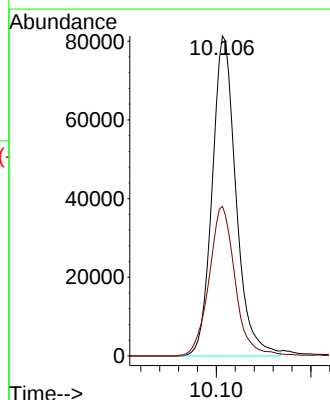
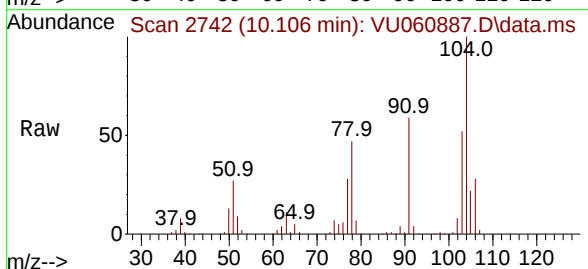
Instrument :
MSVOA_U
ClientSampleId :

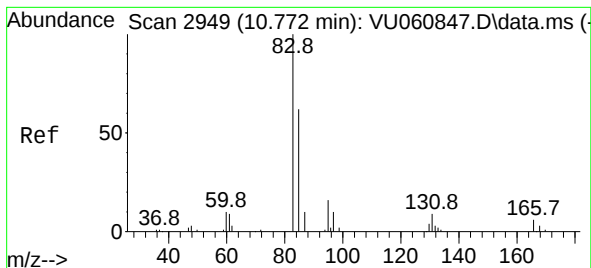
Tgt Ion:106 Resp: 83871
Ion Ratio Lower Upper
106 100
91 206.3 148.6 276.0



#55
Styrene
Concen: 5.120 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion:104 Resp: 142368
Ion Ratio Lower Upper
104 100
78 46.8 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.026 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

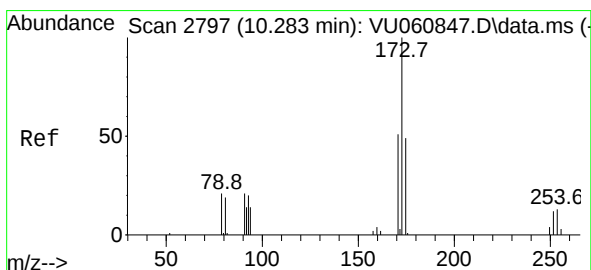
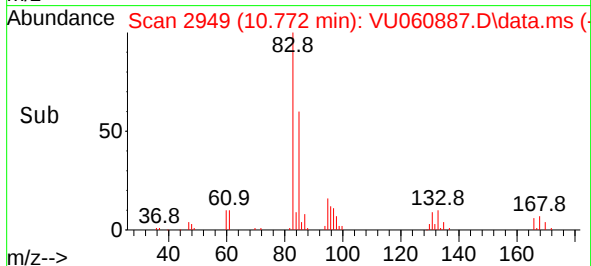
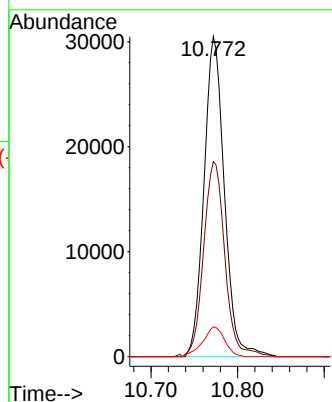
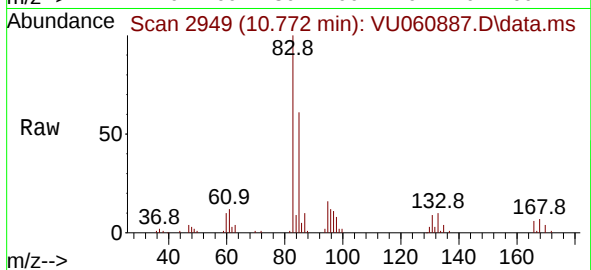
Tgt Ion: 83 Resp: 49953

Ion Ratio Lower Upper

83 100

85 60.9 42.9 79.7

131 9.3 8.4 12.6



#59

Bromoform

Concen: 5.256 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

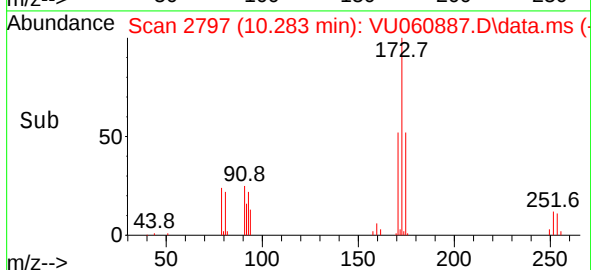
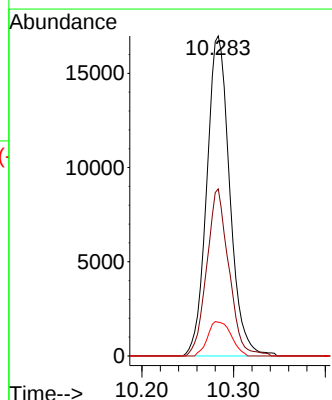
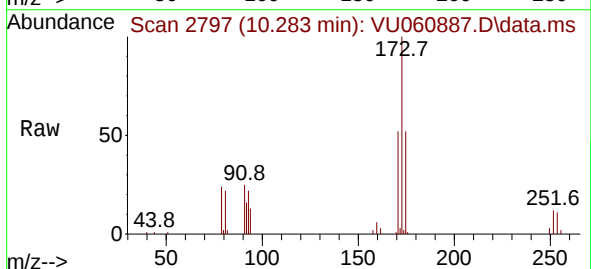
Tgt Ion:173 Resp: 29559

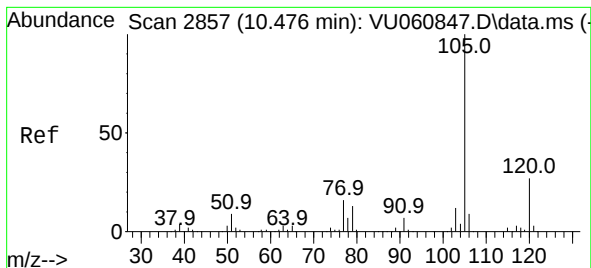
Ion Ratio Lower Upper

173 100

175 50.2 39.1 58.7

254 11.0 8.7 13.1





#60

Isopropylbenzene

Concen: 4.978 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU060887.D

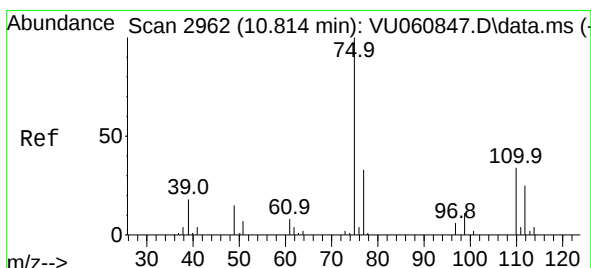
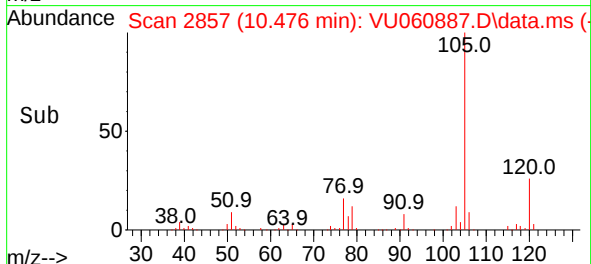
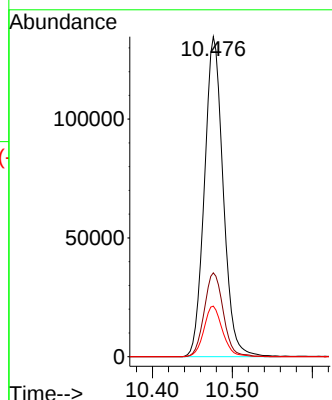
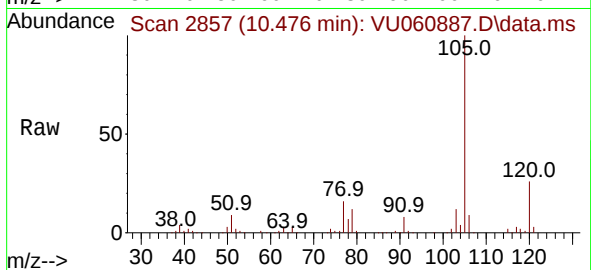
Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	220134
Ion	Ratio	Lower Upper
105	100	
120	26.6	21.5 32.3
77	15.7	12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 4.879 ug/L

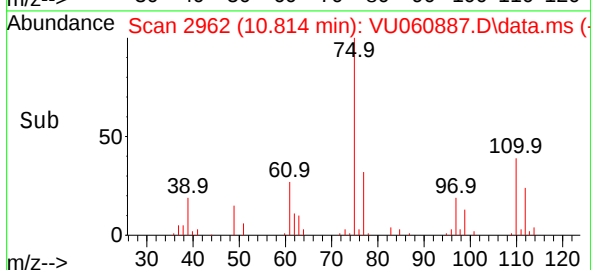
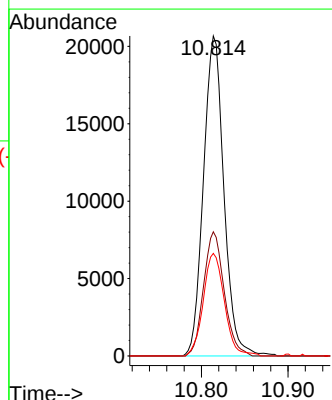
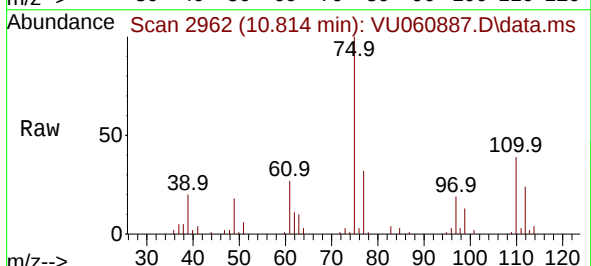
RT: 10.814 min Scan# 2962

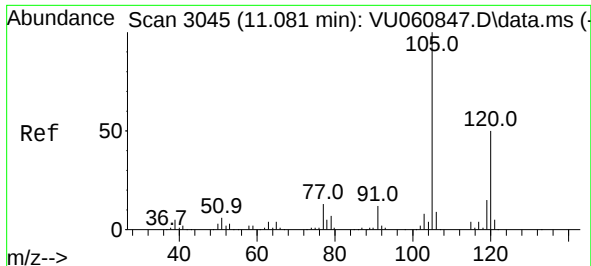
Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Tgt Ion: 75	Resp:	33958
Ion	Ratio	Lower Upper
75	100	
110	39.1	28.6 43.0
77	33.0	26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.880 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

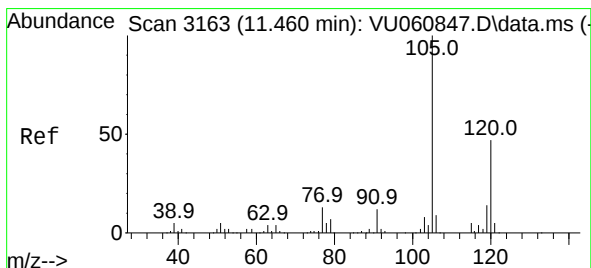
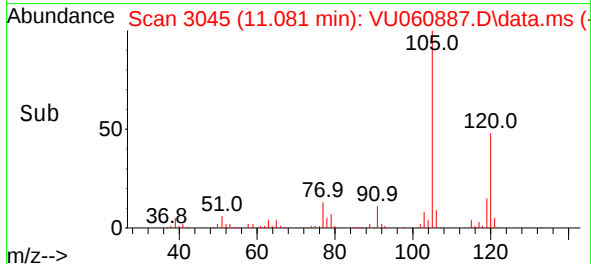
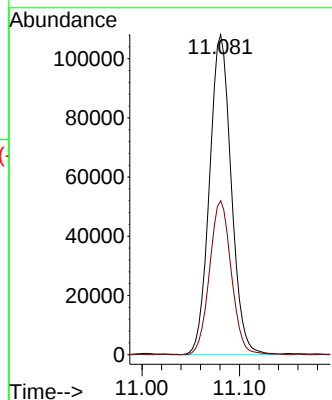
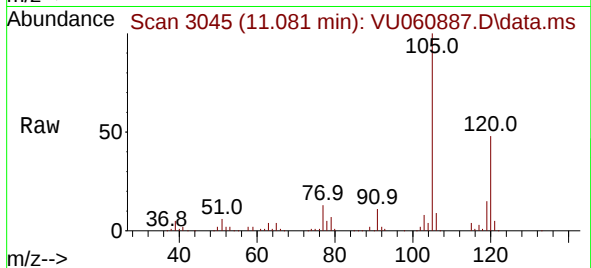
ClientSampleId :

Tgt Ion:105 Resp: 167741

Ion Ratio Lower Upper

105 100

120 48.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.922 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060887.D

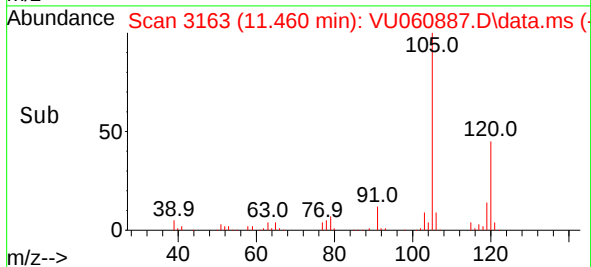
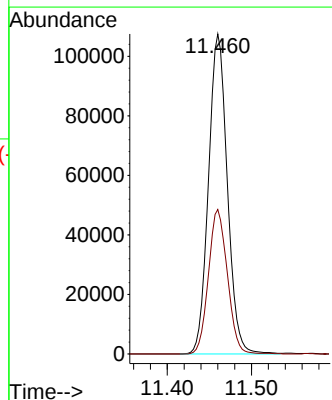
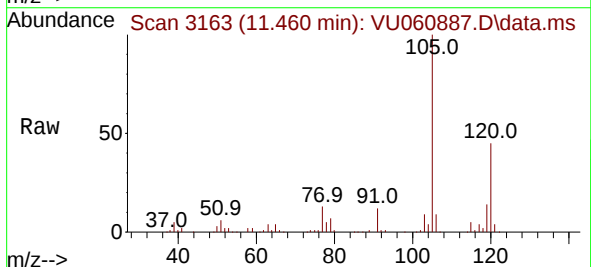
Acq: 19 Sep 2024 10:20

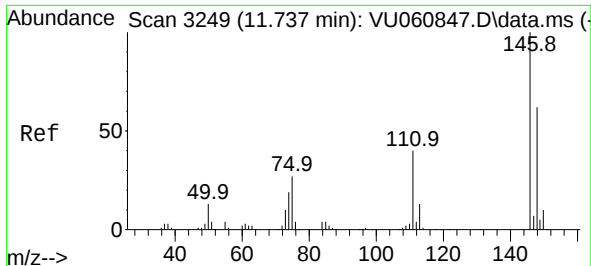
Tgt Ion:105 Resp: 167168

Ion Ratio Lower Upper

105 100

120 45.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.000 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

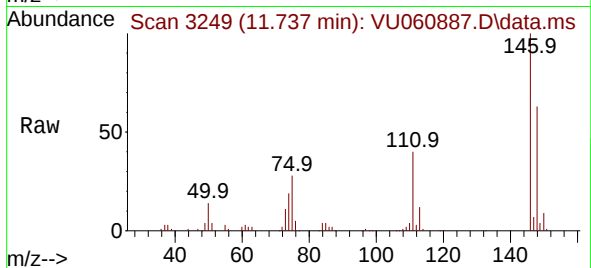
Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :



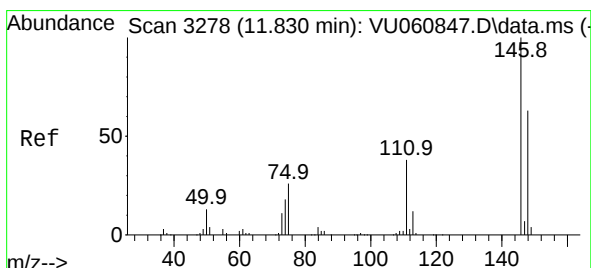
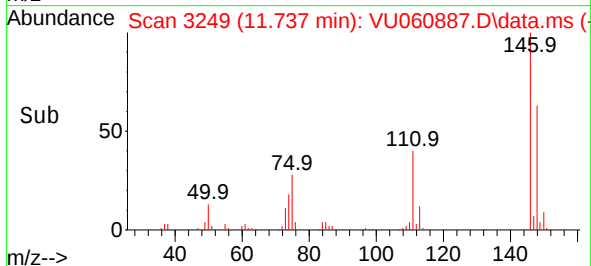
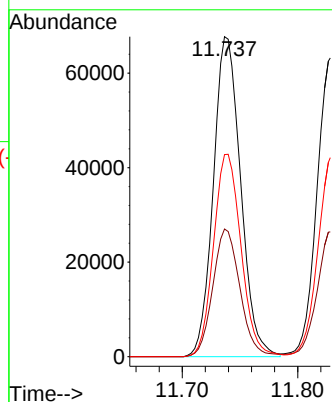
Tgt Ion:146 Resp: 111187

Ion Ratio Lower Upper

146 100

111 39.9 27.5 51.1

148 63.1 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.755 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

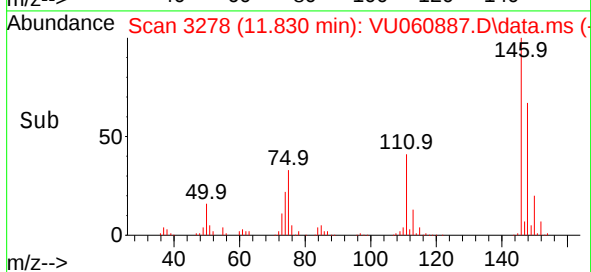
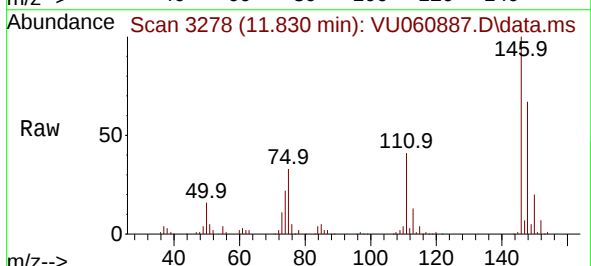
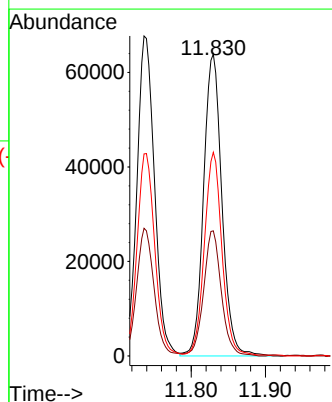
Tgt Ion:146 Resp: 109297

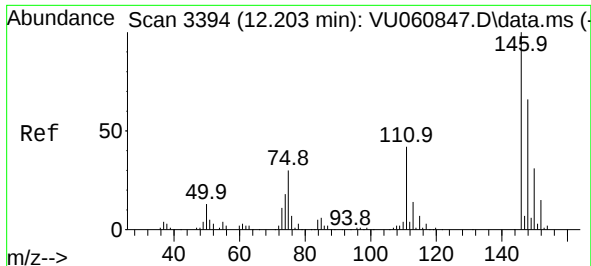
Ion Ratio Lower Upper

146 100

111 41.5 26.3 48.9

148 67.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.954 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. -0.000 min

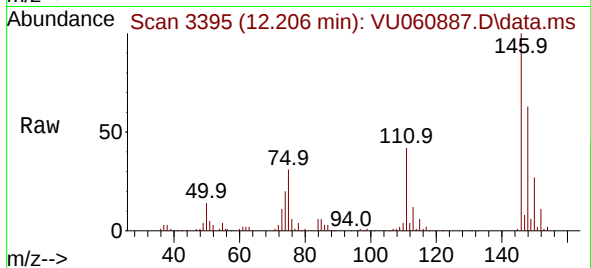
Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :



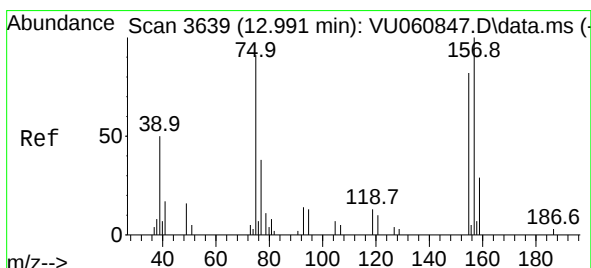
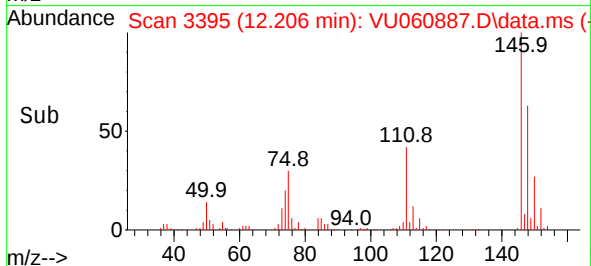
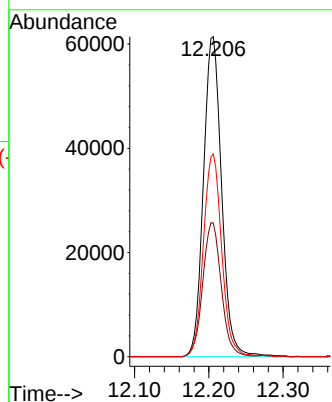
Tgt Ion:146 Resp: 104165

Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.0

148 63.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.946 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

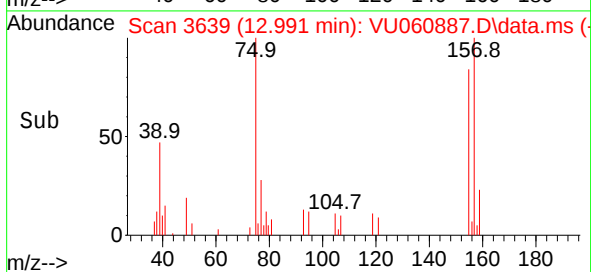
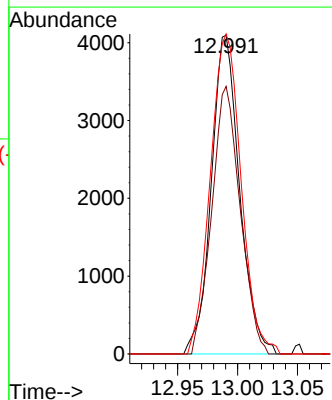
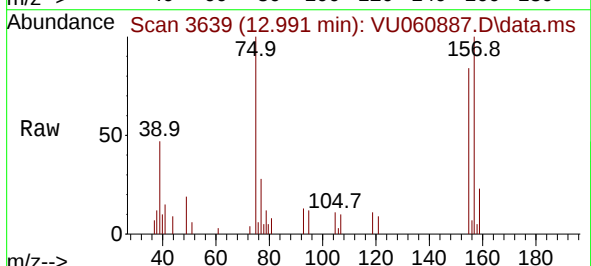
Tgt Ion: 75 Resp: 6722

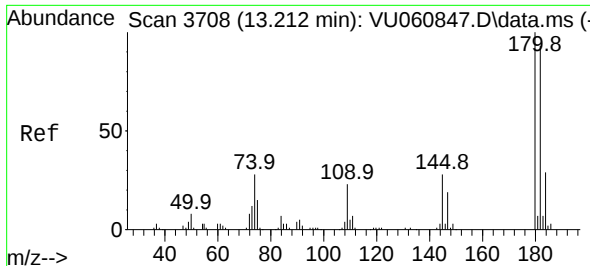
Ion Ratio Lower Upper

75 100

155 84.0 73.1 109.7

157 100.4 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.610 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

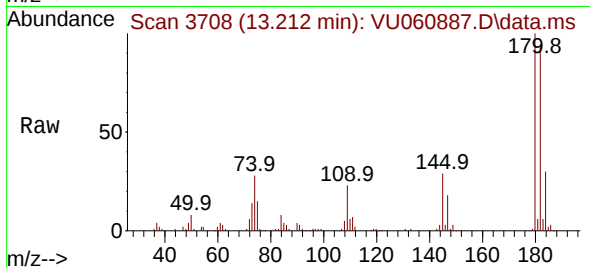
Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 76681

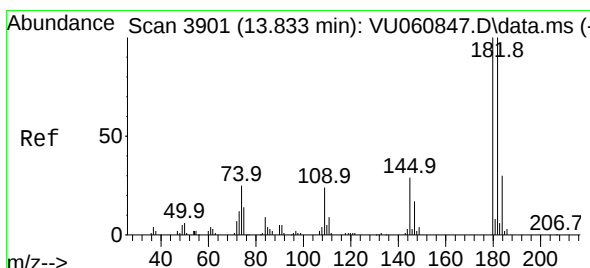
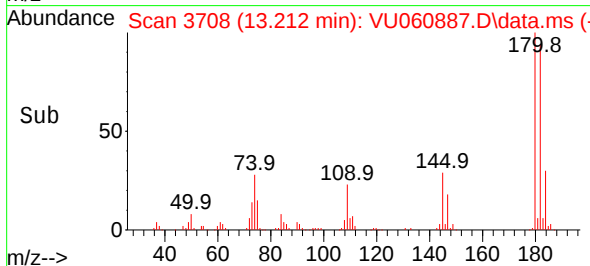
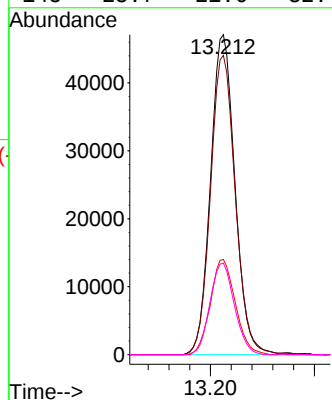
Ion Ratio Lower Upper

180 100

182 95.4 74.5 111.7

184 30.5 23.2 34.8

145 28.7 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.829 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060887.D

Acq: 19 Sep 2024 10:20

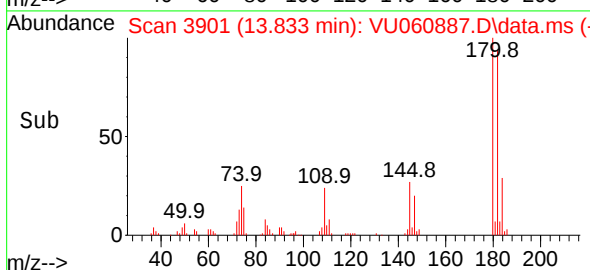
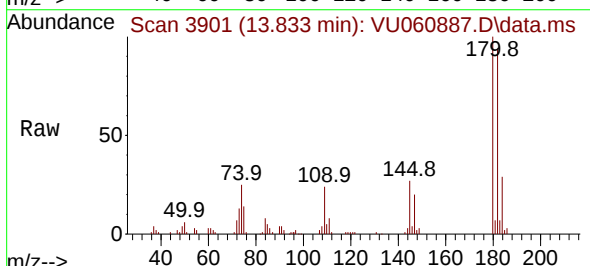
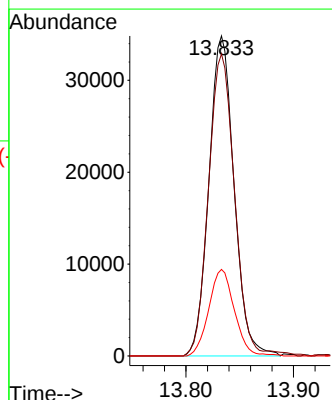
Tgt Ion:180 Resp: 56585

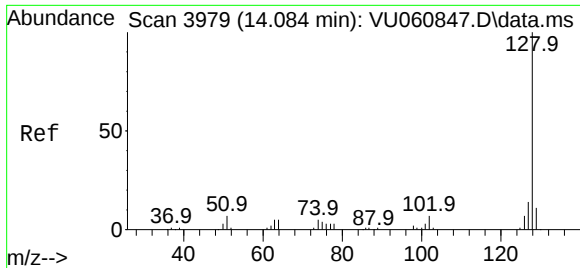
Ion Ratio Lower Upper

180 100

182 97.8 77.4 116.2

145 27.5 22.9 34.3

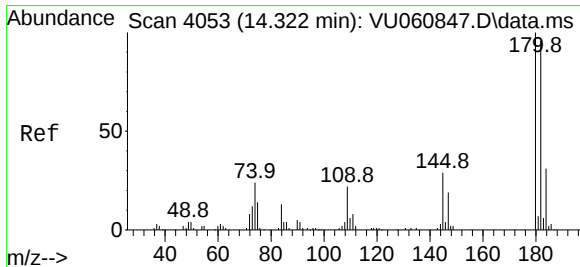
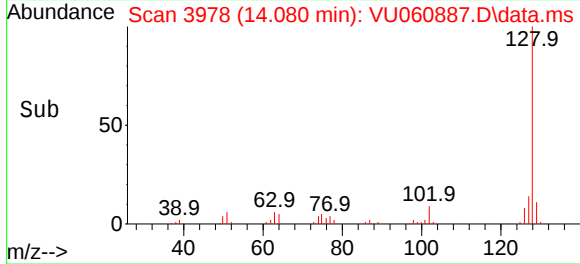
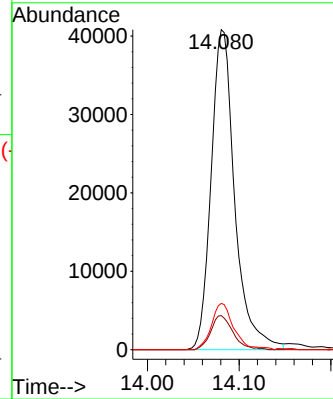
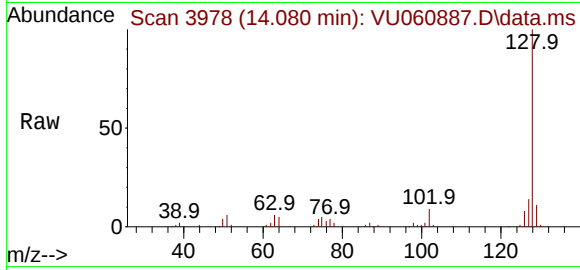




#71
Naphthalene
Concen: 4.725 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 73014
Ion Ratio Lower Upper
128 100
129 10.0 8.3 12.5
127 13.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.998 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060887.D
Acq: 19 Sep 2024 10:20

Tgt Ion:180 Resp: 50593
Ion Ratio Lower Upper
180 100
182 94.0 75.7 113.5
145 30.6 23.5 35.3

