

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062181.D
 Acq On : 10 Dec 2024 01:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 01:52:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32675	4.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.907	69	23894	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.557	65	15252	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.621	46	79832	63.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	5.052	84	76128	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.692	65	40792	5.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.718	84	136129	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.679	67	40620	5.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.888	98	127089	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	8.171	79	18089	5.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.624	63	61974	63.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34186	6.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	46049	5.533	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37930	4.179	ug/L	97
3) Chloromethane	1.515	50	34946	4.912	ug/L	99
5) Vinyl chloride	1.599	62	34848	4.705	ug/L	100
6) Bromomethane	1.853	94	25570	5.179	ug/L	94
8) Chloroethane	1.927	64	19495	4.699	ug/L	99
9) Trichlorofluoromethane	2.133	101	54774	4.260	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27949	3.994	ug/L	92
12) 1,1-Dichloroethene	2.573	96	28556	4.365	ug/L	87
13) Acetone	2.637	43	50873	59.652	ug/L	96
14) Carbon disulfide	2.785	76	86148	4.164	ug/L	98
15) Methyl Acetate	2.952	43	12022	5.625	ug/L #	88
16) Methylene chloride	3.036	84	36436	5.305	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	94865	5.821	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	31237	4.647	ug/L	90
19) 1,1-Dichloroethane	3.859	63	61205	4.968	ug/L	97
21) 2-Butanone	4.702	43	78708	63.550	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	38296	5.083	ug/L	96
23) Bromochloromethane	4.965	128	18591	5.629	ug/L #	80
25) Chloroform	5.078	83	70686	5.093	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062181.D
 Acq On : 10 Dec 2024 01:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

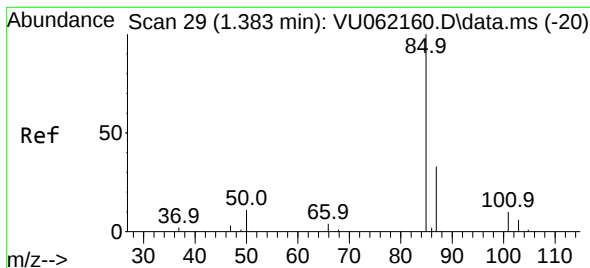
Quant Time: Dec 10 01:52:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47094	5.340	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	57348	4.591	ug/L	95
30) Cyclohexane	5.377	56	39423	3.892	ug/L	95
31) Carbon tetrachloride	5.515	117	50722	4.428	ug/L	98
33) Benzene	5.766	78	133647	4.857	ug/L	100
34) Trichloroethene	6.534	95	36091	4.630	ug/L	99
35) Methylcyclohexane	6.753	83	44037	3.810	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35156	5.246	ug/L	99
38) Bromodichloromethane	7.097	83	50753	5.368	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	53878	5.016	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	197871	63.003	ug/L #	92
42) Toluene	7.962	91	136866	4.613	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	46400	5.290	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	28968	5.726	ug/L	96
47) Tetrachloroethene	8.547	164	25144	4.178	ug/L	97
48) 2-Hexanone	8.676	43	146362	63.059	ug/L #	93
49) Dibromochloromethane	8.801	129	35084	5.740	ug/L	93
50) 1,2-Dibromoethane	8.914	107	27644	5.687	ug/L	97
51) Chlorobenzene	9.438	112	89898	4.728	ug/L	97
52) Ethylbenzene	9.563	91	143756	4.321	ug/L	99
53) m,p-Xylene	9.685	106	54200	4.413	ug/L	96
54) o-Xylene	10.090	106	54856	4.592	ug/L	98
55) Styrene	10.106	104	93770	4.762	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33916	5.761	ug/L #	94
59) Bromoform	10.280	173	21447	6.043	ug/L	99
60) Isopropylbenzene	10.476	105	141996	4.352	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	25486	6.103	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	120333	4.358	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	119685	4.424	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	68695	4.584	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	68581	4.544	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	66914	4.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5972	6.556	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	49425	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	42673	4.851	ug/L	99
71) Naphthalene	14.081	128	75635	5.727	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39050	5.034	ug/L	99

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

Quant Time: Dec 10 01:52:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 10 00:32:19 2024
Response via : Initial Calibration

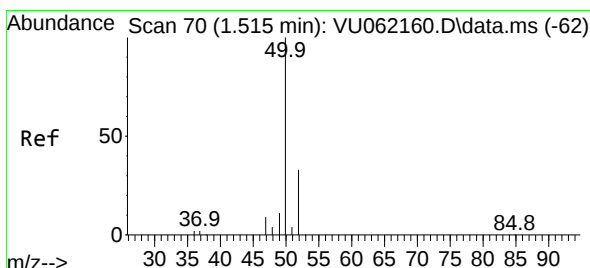
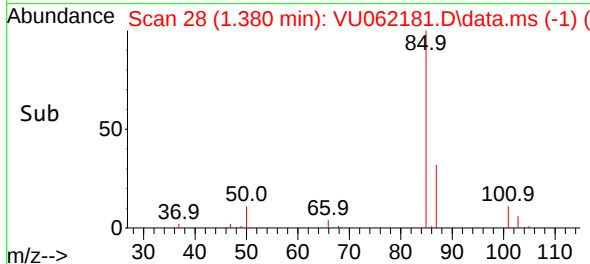
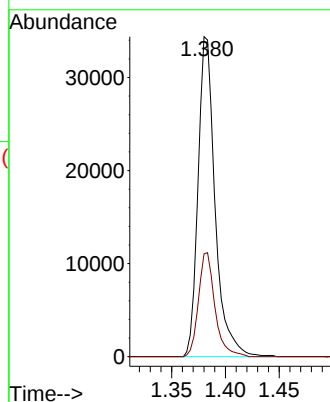
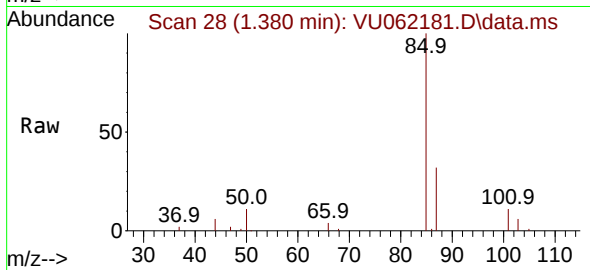




#2
 Dichlorodifluoromethane
 Concen: 4.179 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

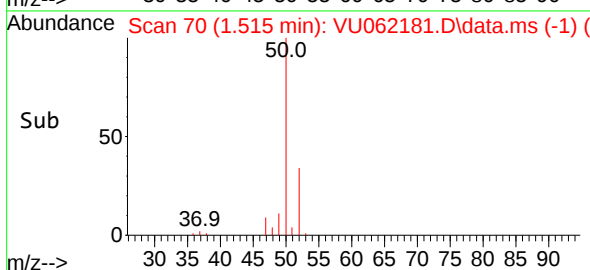
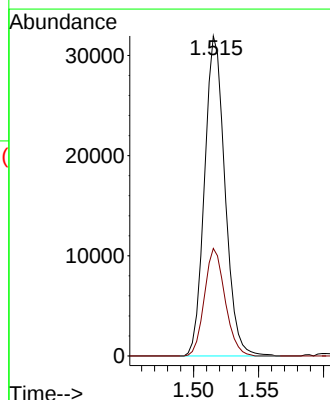
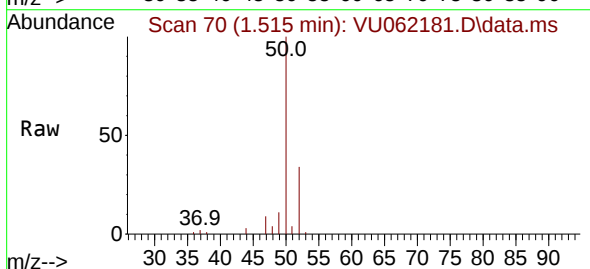
Instrument :
 MSVOA_U
 ClientSampleId :

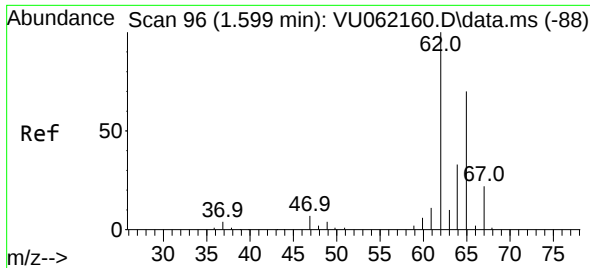
Tgt Ion: 85 Resp: 37930
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 40.0



#3
 Chloromethane
 Concen: 4.912 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

Tgt Ion: 50 Resp: 34946
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.1 42.9

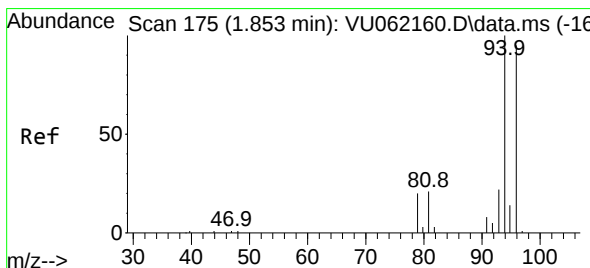
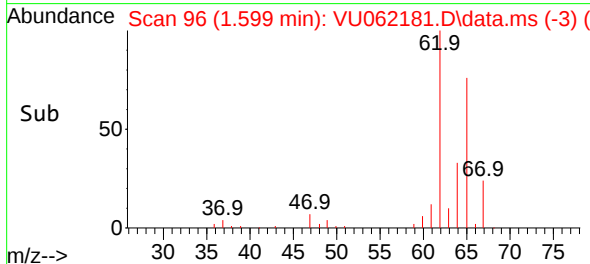
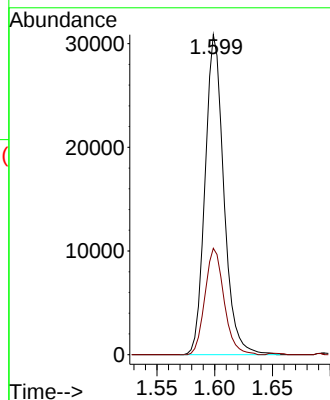
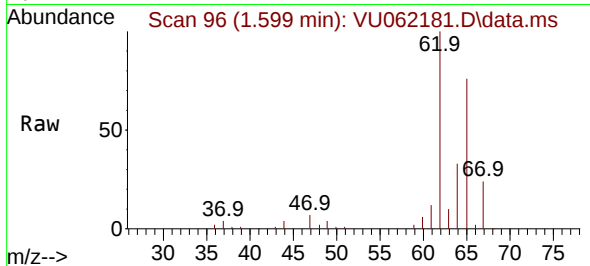




#5
 Vinyl chloride
 Concen: 4.705 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

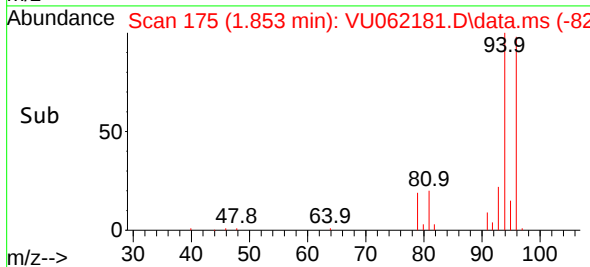
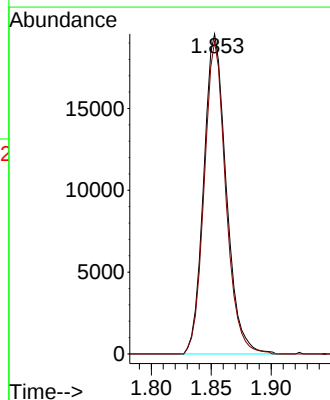
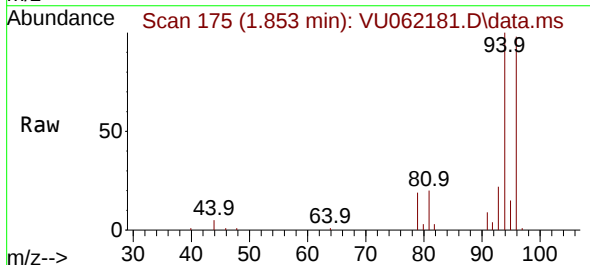
Instrument :
 MSVOA_U
 ClientSampleId :

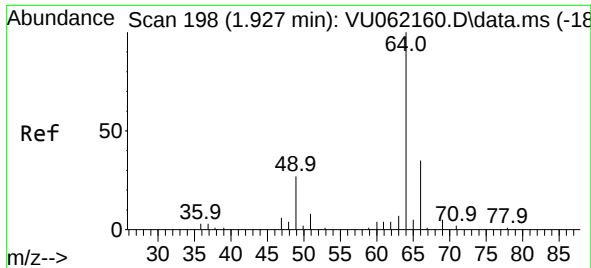
Tgt Ion: 62 Resp: 34848
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 5.179 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

Tgt Ion: 94 Resp: 25570
 Ion Ratio Lower Upper
 94 100
 96 97.6 64.5 119.9

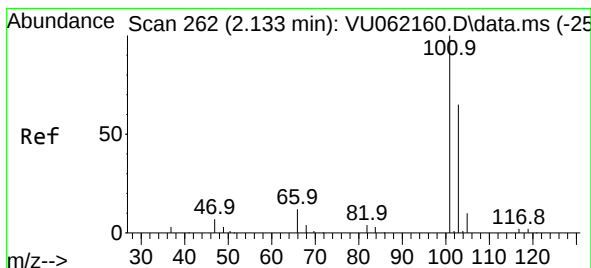
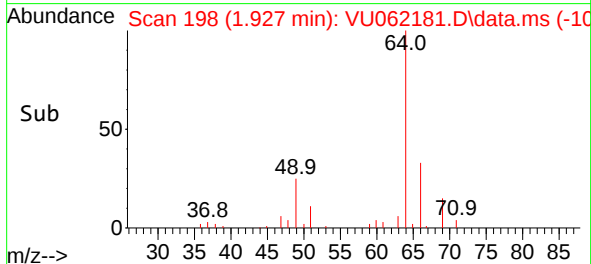
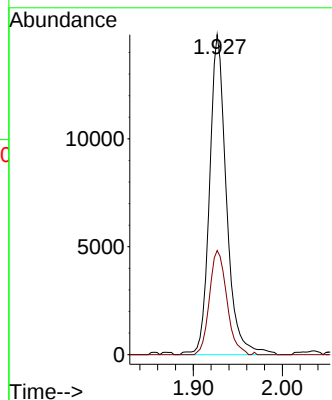
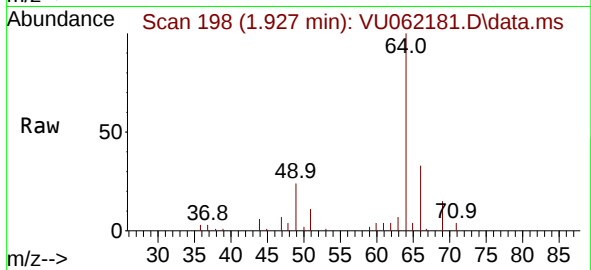




#8
Chloroethane
Concen: 4.699 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

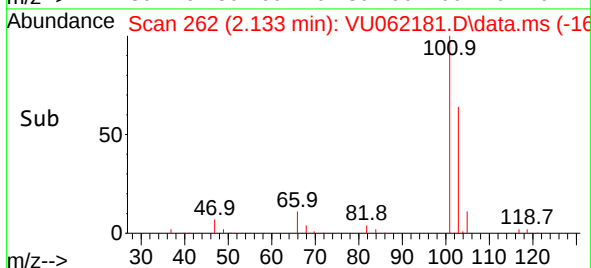
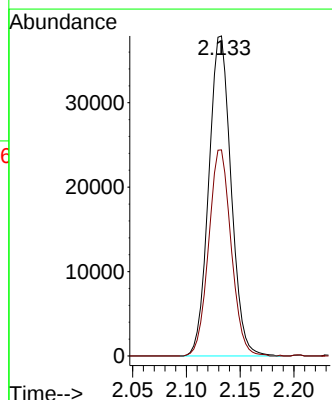
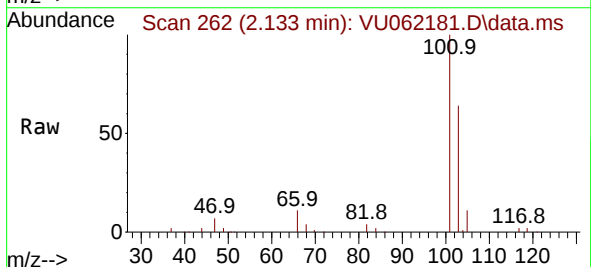
Instrument :
MSVOA_U
ClientSampleId :

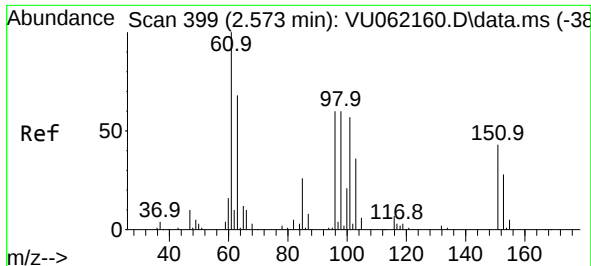
Tgt Ion: 64 Resp: 19495
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.260 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion:101 Resp: 54774
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

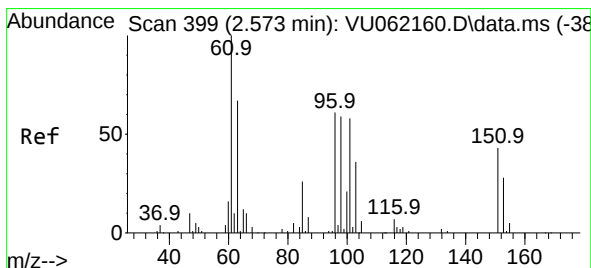
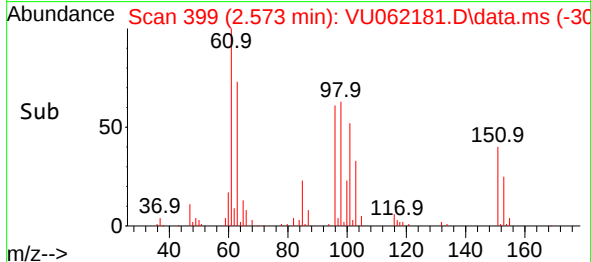
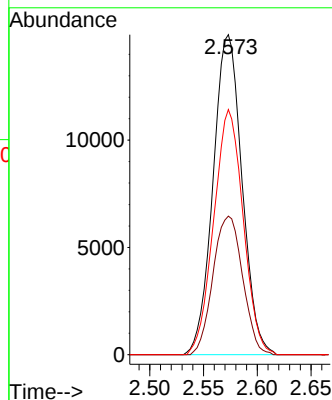
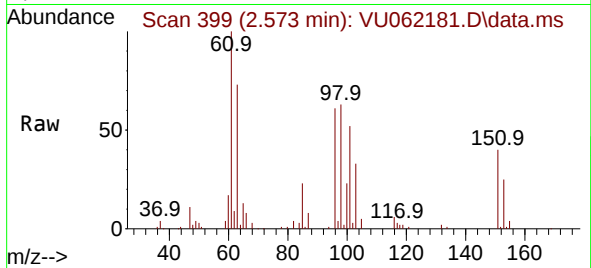




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.994 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

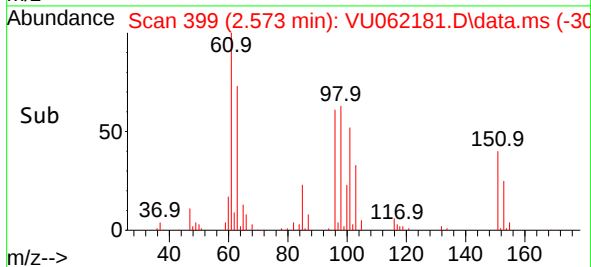
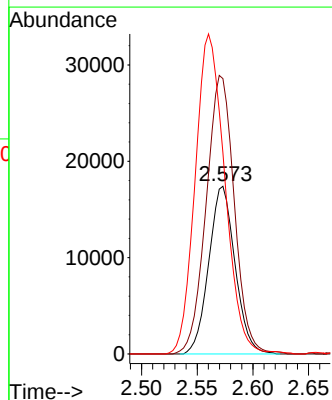
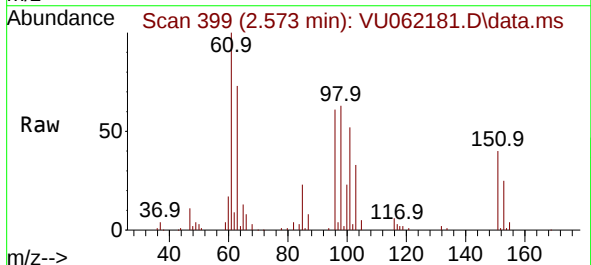
Instrument :
 MSVOA_U
 ClientSampleId :

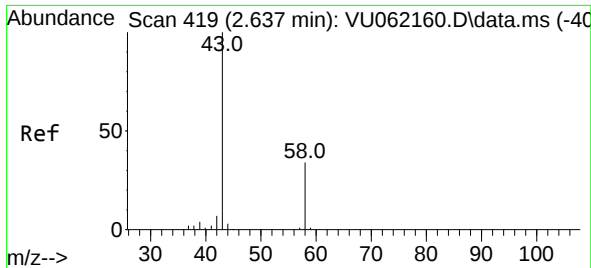
Tgt Ion:101 Resp: 27949
 Ion Ratio Lower Upper
 101 100
 85 44.2 38.0 57.0
 151 77.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.365 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

Tgt Ion: 96 Resp: 28556
 Ion Ratio Lower Upper
 96 100
 61 164.2 119.6 222.2
 63 119.9 65.0 120.6





#13

Acetone

Concen: 59.652 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

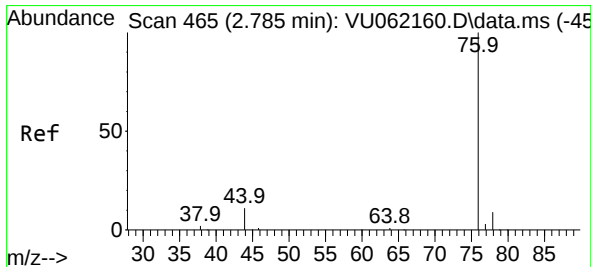
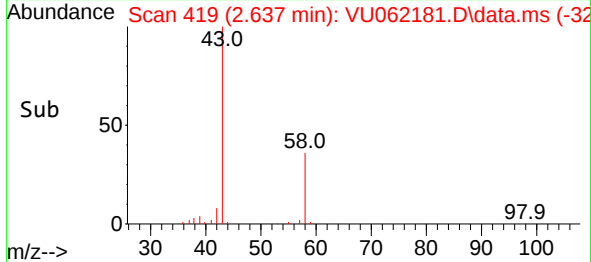
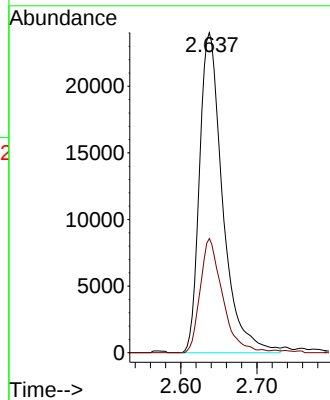
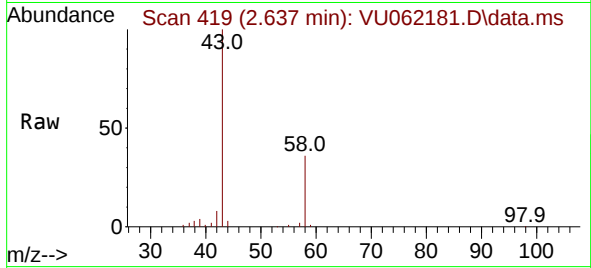
ClientSampleId :

Tgt Ion: 43 Resp: 50873

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.164 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062181.D

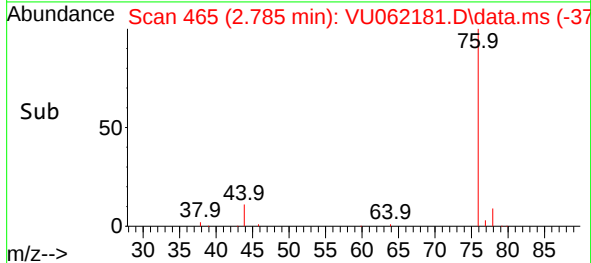
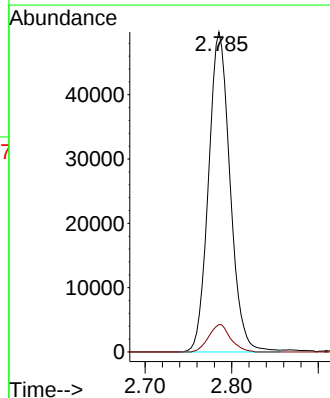
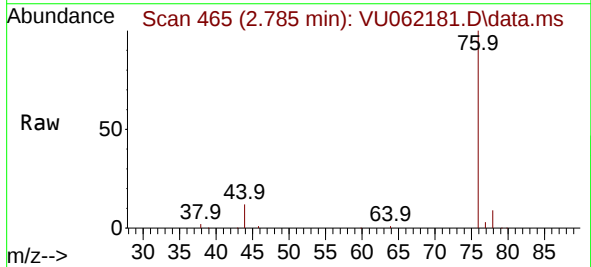
Acq: 10 Dec 2024 01:09

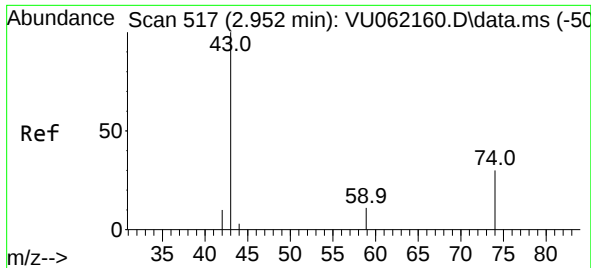
Tgt Ion: 76 Resp: 86148

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

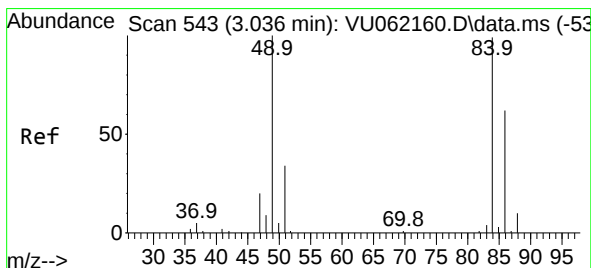
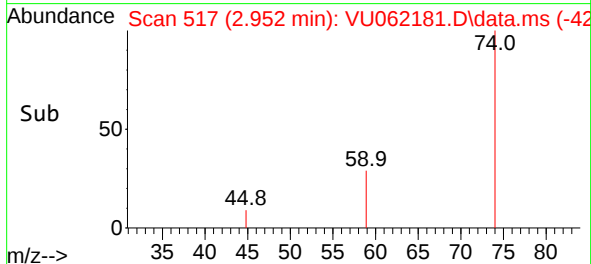
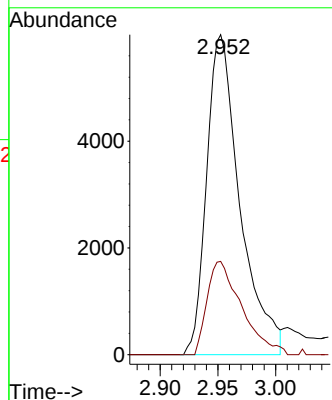
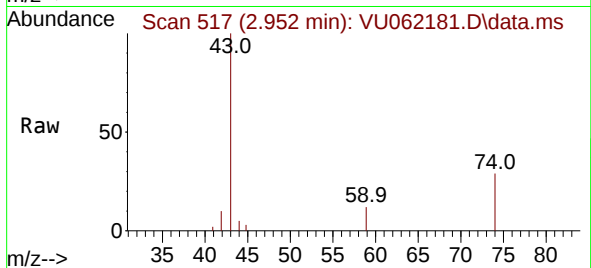




#15
Methyl Acetate
Concen: 5.625 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

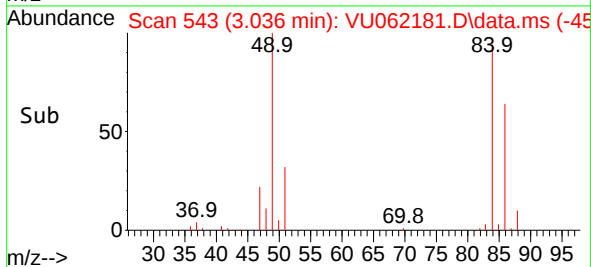
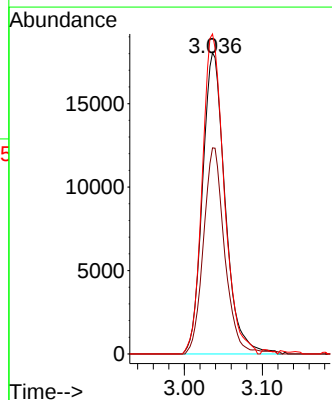
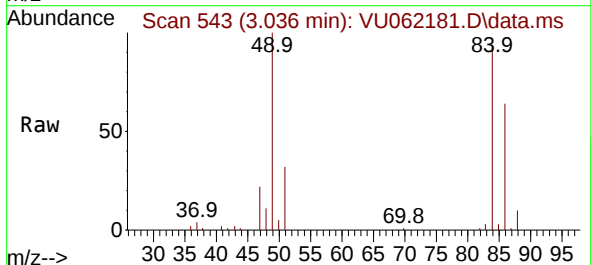
Instrument :
MSVOA_U
ClientSampleId :

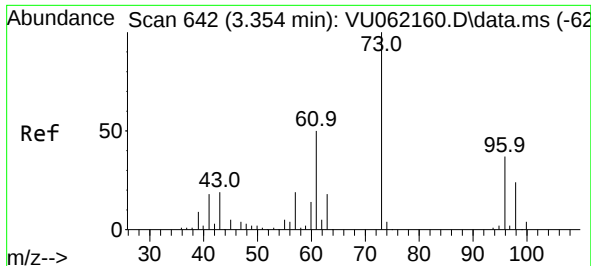
Tgt Ion: 43 Resp: 12022
Ion Ratio Lower Upper
43 100
74 30.2 19.4 29.2#



#16
Methylene chloride
Concen: 5.305 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 84 Resp: 36436
Ion Ratio Lower Upper
84 100
86 68.4 43.5 80.7
49 106.2 81.9 152.1





#17

Methyl tert-butyl Ether

Concen: 5.821 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

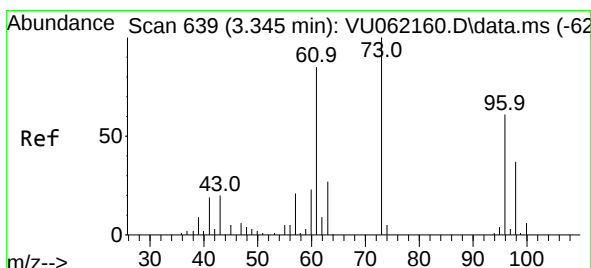
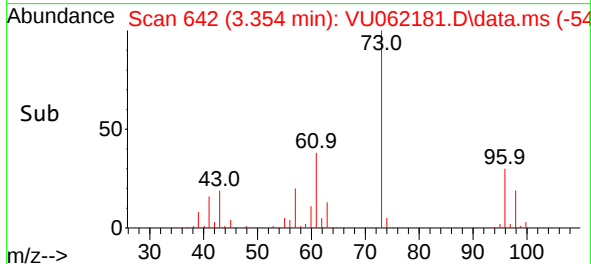
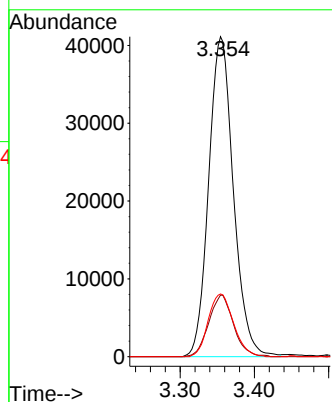
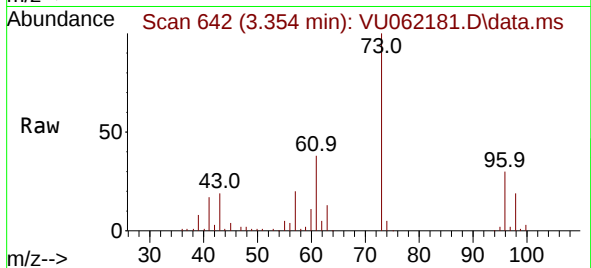
Tgt Ion: 73 Resp: 94865

Ion Ratio Lower Upper

73 100

43 19.3 16.3 24.5

57 20.1 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 4.647 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

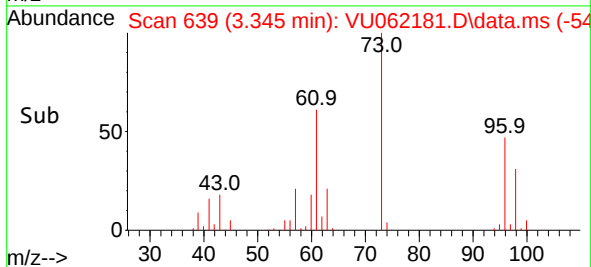
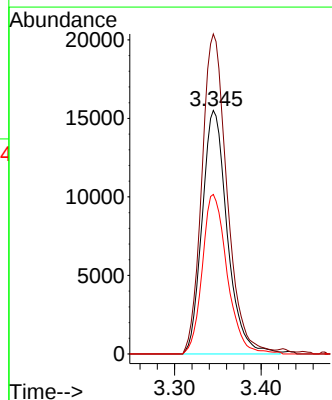
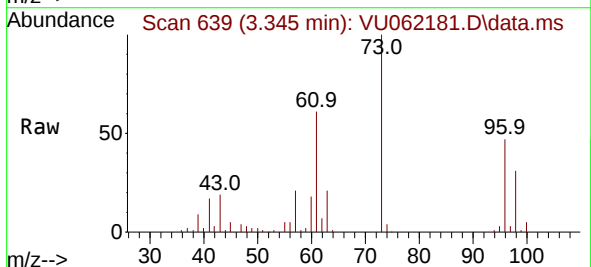
Tgt Ion: 96 Resp: 31237

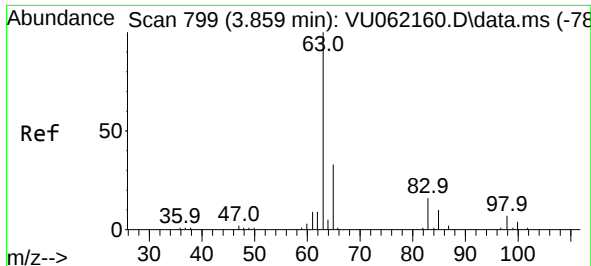
Ion Ratio Lower Upper

96 100

61 131.4 104.2 193.4

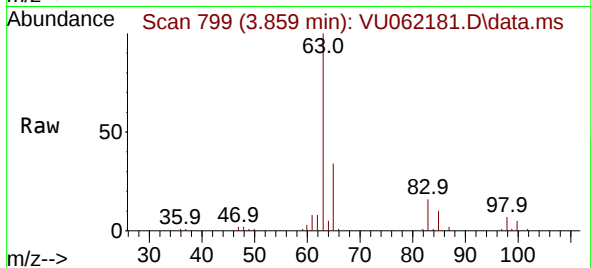
98 65.5 45.7 84.9



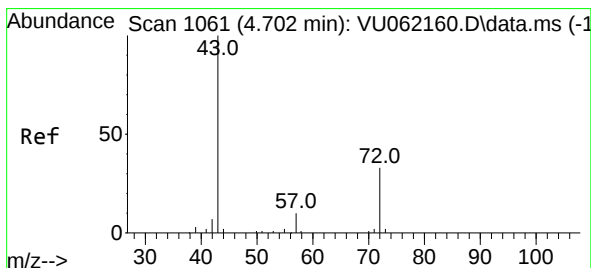
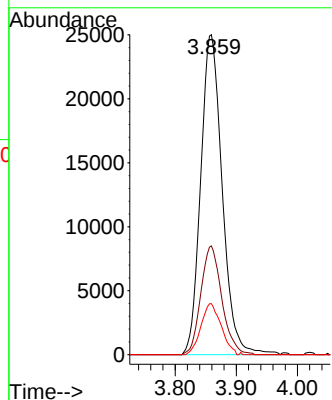
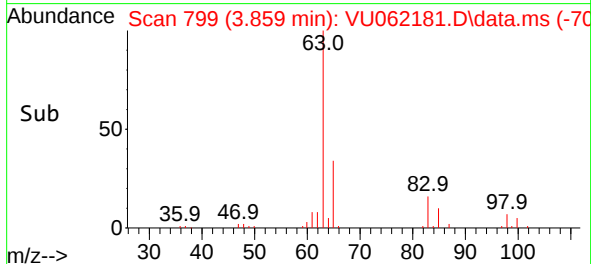


#19
1,1-Dichloroethane
Concen: 4.968 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Instrument :
MSVOA_U
ClientSampleId :

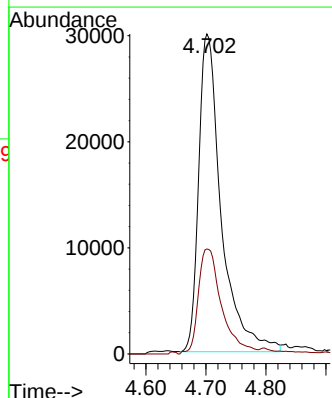
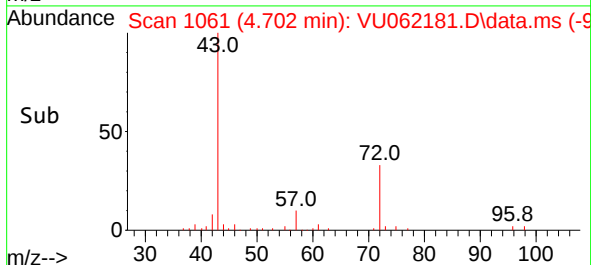
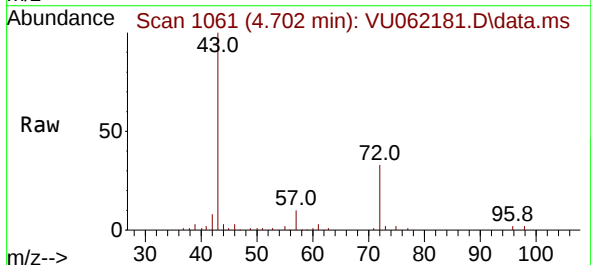


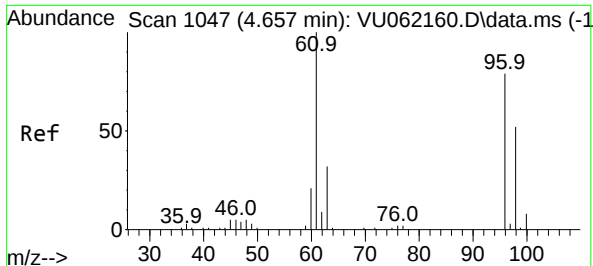
Tgt Ion: 63 Resp: 61205
Ion Ratio Lower Upper
63 100
65 34.0 22.7 42.3
83 15.9 9.9 18.3



#21
2-Butanone
Concen: 63.550 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 43 Resp: 78708
Ion Ratio Lower Upper
43 100
72 34.1 14.8 44.4

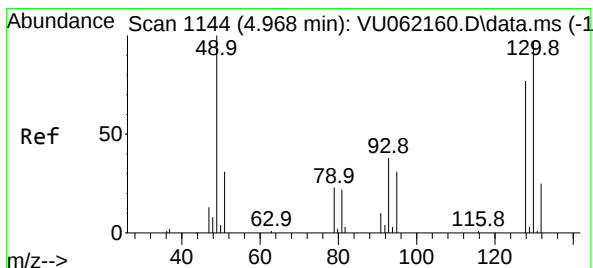
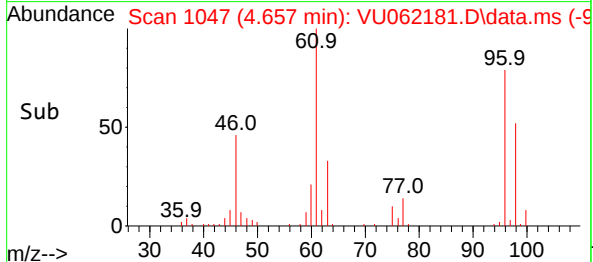
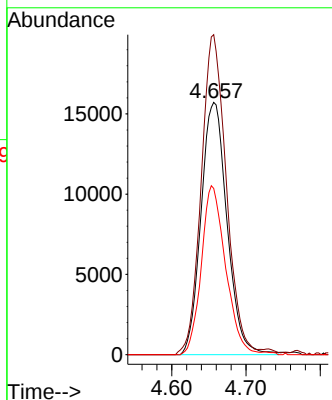
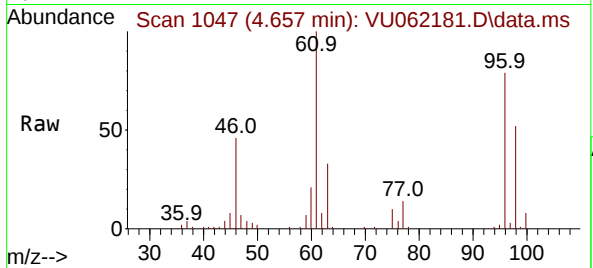




#22
 cis-1,2-Dichloroethene
 Concen: 5.083 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

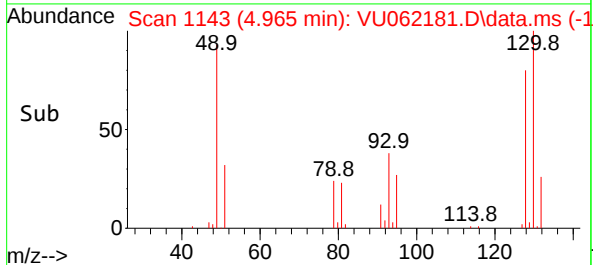
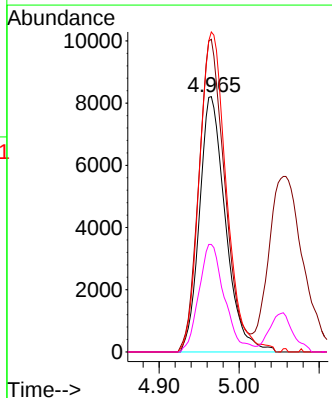
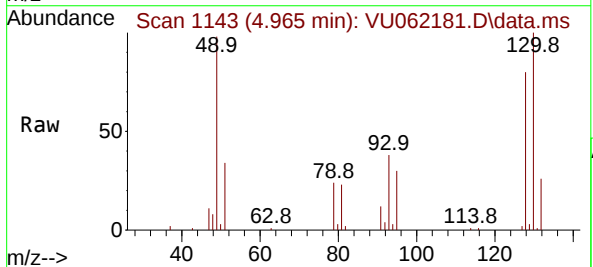
Instrument :
 MSVOA_U
 ClientSampleId :

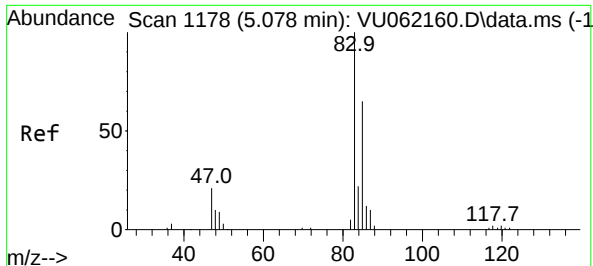
Tgt Ion: 96 Resp: 38296
 Ion Ratio Lower Upper
 96 100
 61 126.9 92.0 170.8
 98 65.9 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.629 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062181.D
 Acq: 10 Dec 2024 01:09

Tgt Ion: 128 Resp: 18591
 Ion Ratio Lower Upper
 128 100
 49 122.4 115.3 214.1
 130 125.3 92.0 170.8
 51 42.1 44.7 67.1#





#25

Chloroform

Concen: 5.093 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

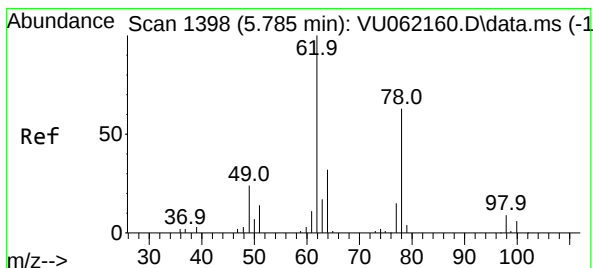
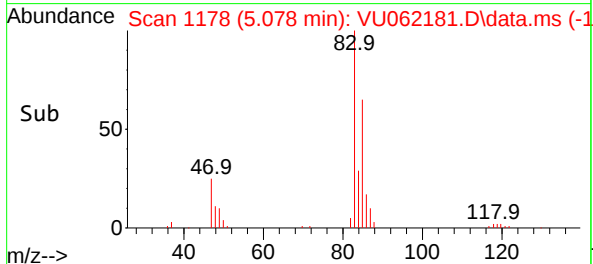
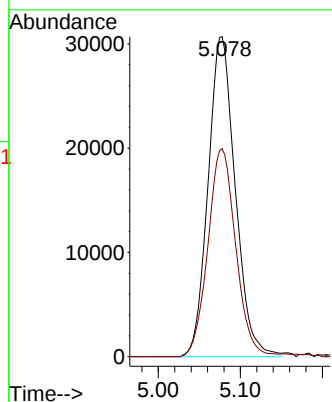
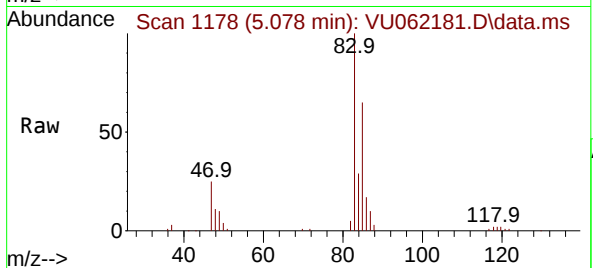
ClientSampleId :

Tgt Ion: 83 Resp: 70686

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.340 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062181.D

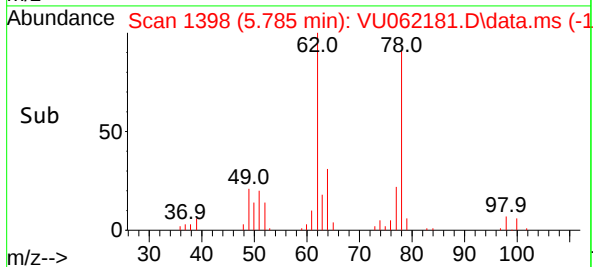
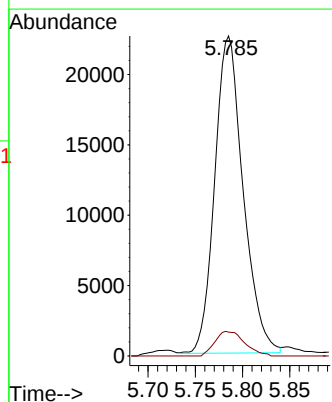
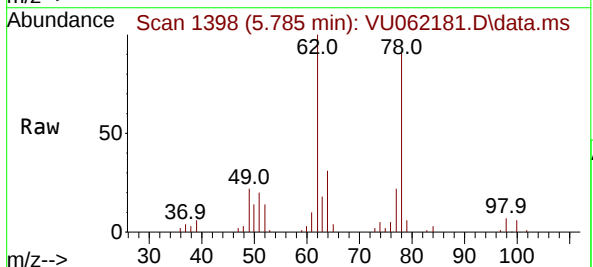
Acq: 10 Dec 2024 01:09

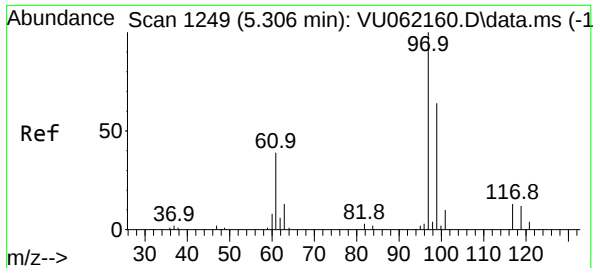
Tgt Ion: 62 Resp: 47094

Ion Ratio Lower Upper

62 100

98 7.5 7.4 11.0

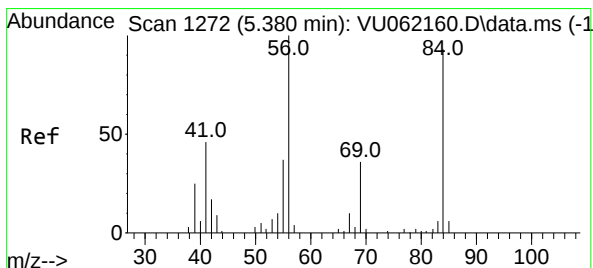
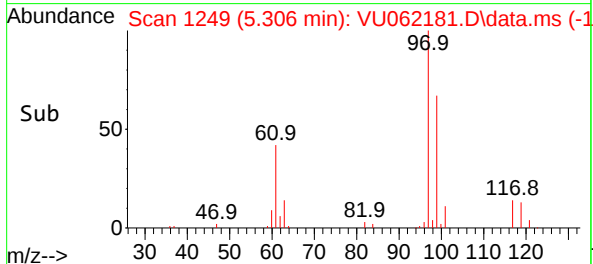
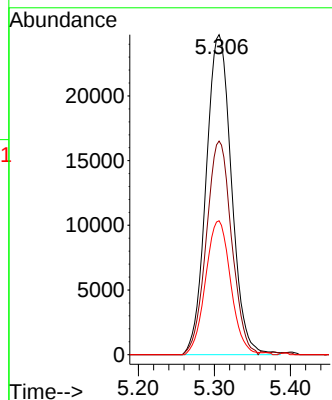
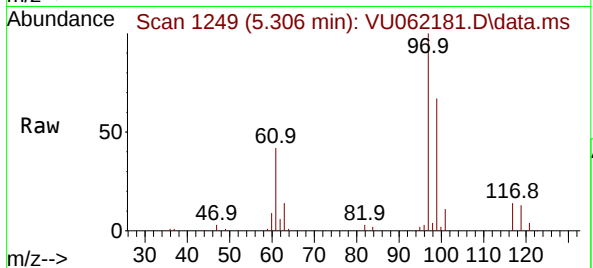




#29
1,1,1-Trichloroethane
Concen: 4.591 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

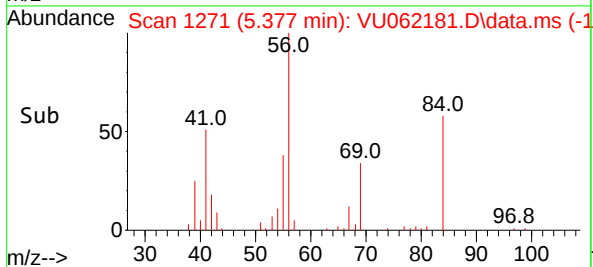
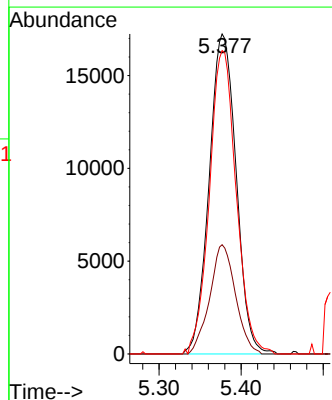
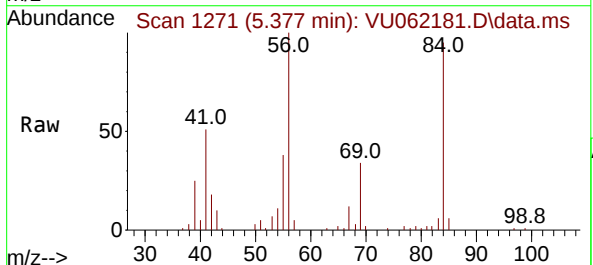
Instrument :
MSVOA_U
ClientSampleId :

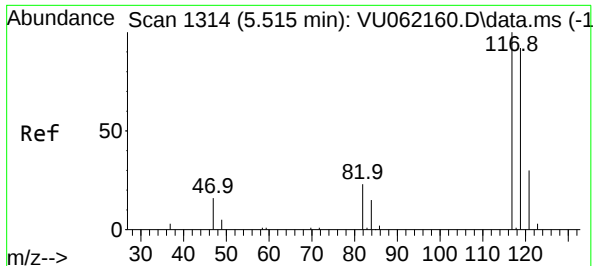
Tgt Ion: 97	Resp: 57348
Ion Ratio	Lower Upper
97 100	
99 66.6	51.4 77.2
61 41.5	37.8 56.6



#30
Cyclohexane
Concen: 3.892 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 56	Resp: 39423
Ion Ratio	Lower Upper
56 100	
69 32.7	25.1 37.7
84 94.0	70.6 105.8

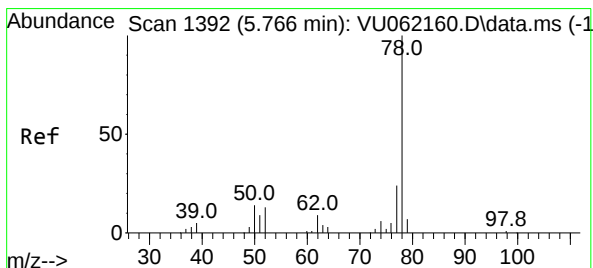
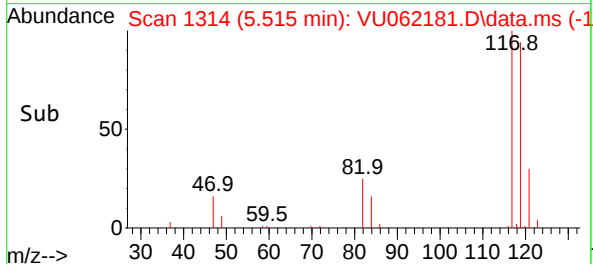
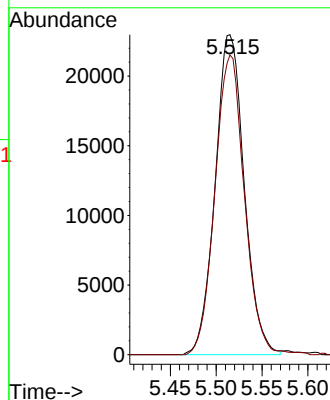
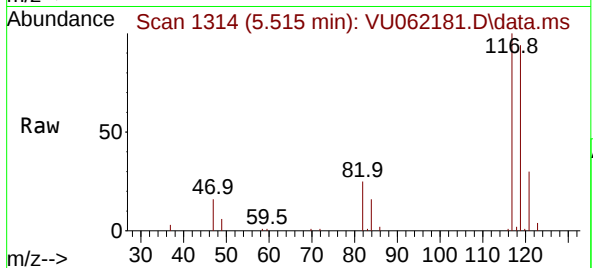




#31
Carbon tetrachloride
Concen: 4.428 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

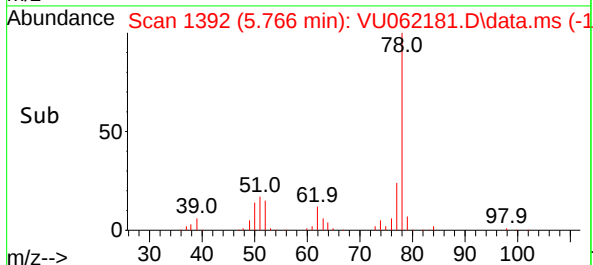
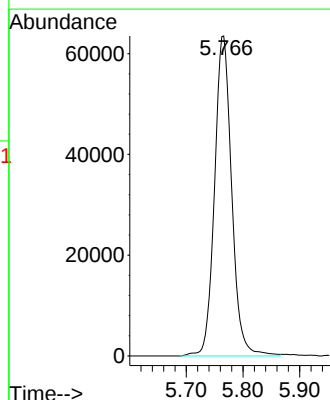
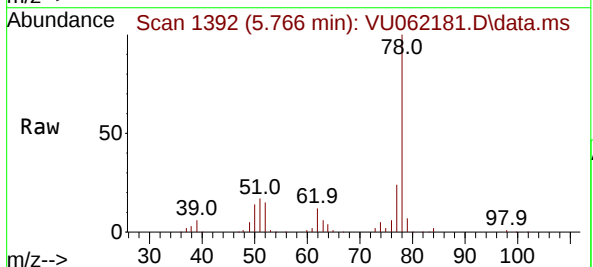
Instrument :
MSVOA_U
ClientSampleId :

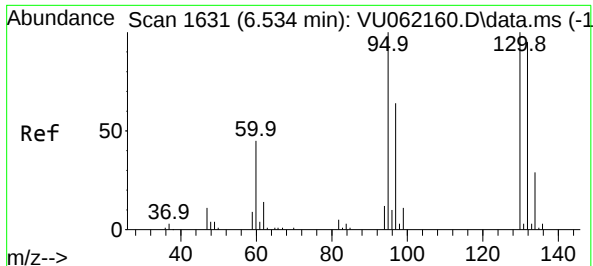
Tgt Ion:117 Resp: 50722
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3



#33
Benzene
Concen: 4.857 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 78 Resp: 133647

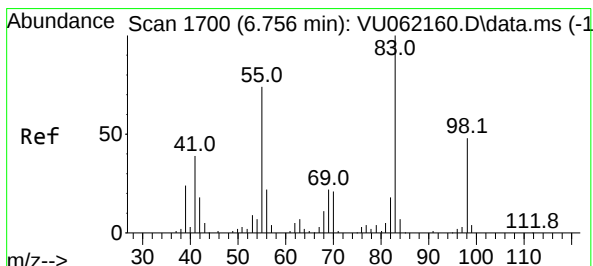
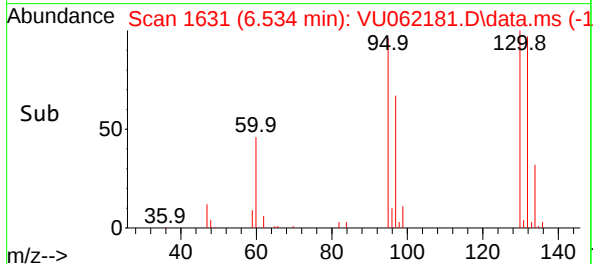
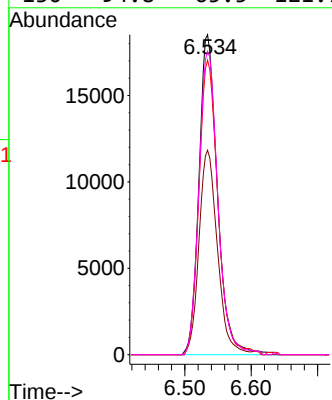
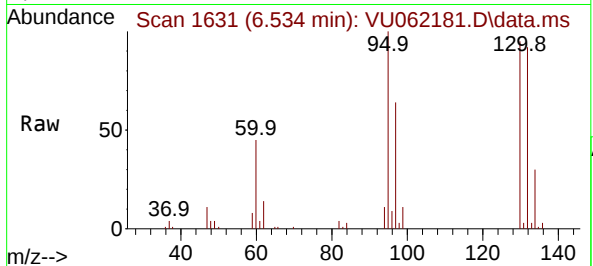




#34
Trichloroethene
Concen: 4.630 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

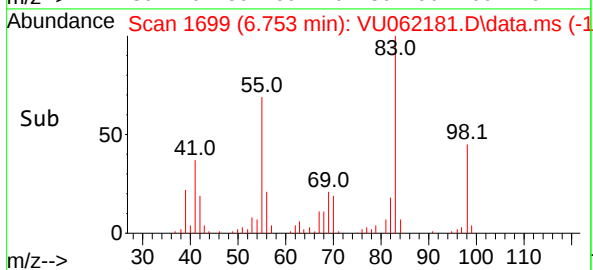
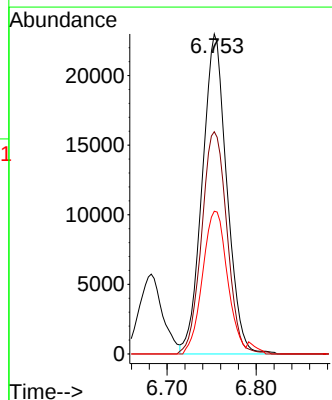
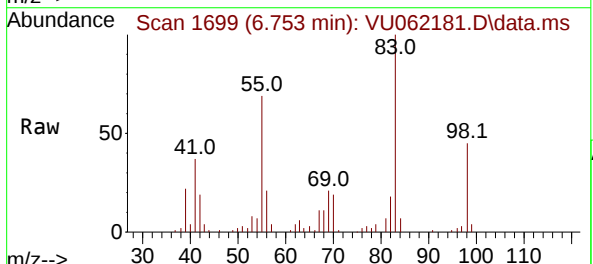
Instrument :
MSVOA_U
ClientSampleId :

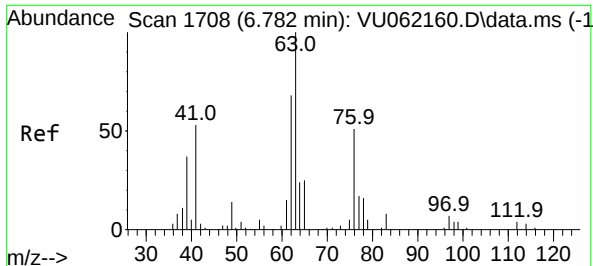
Tgt Ion: 95 Resp: 36091
Ion Ratio Lower Upper
95 100
97 63.9 45.9 85.3
132 92.1 63.8 118.4
130 94.8 65.5 121.7



#35
Methylcyclohexane
Concen: 3.810 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 83 Resp: 44037
Ion Ratio Lower Upper
83 100
55 71.5 60.7 91.1
98 45.0 34.8 52.2

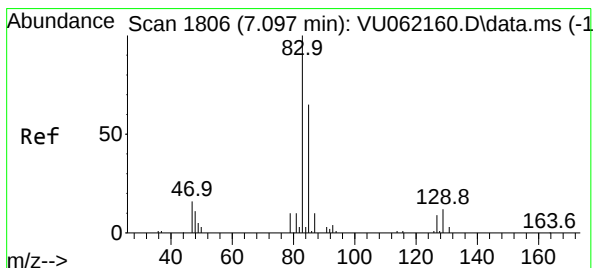
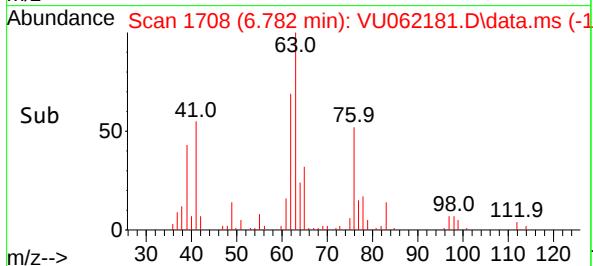
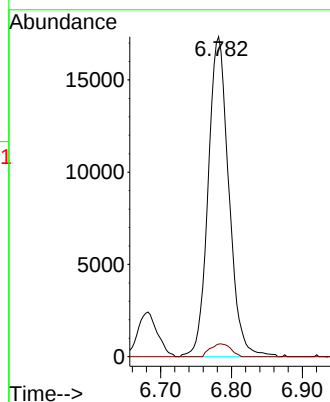
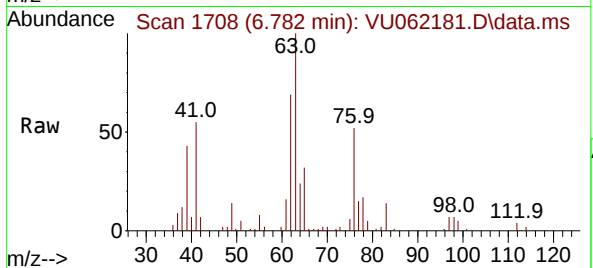




#37
1,2-Dichloropropane
Concen: 5.246 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

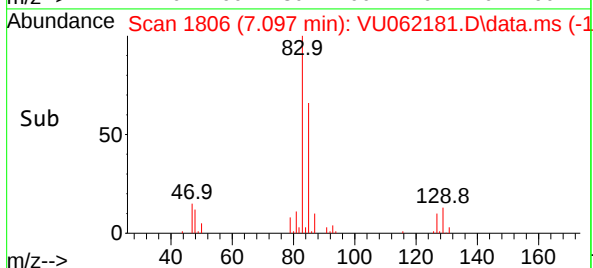
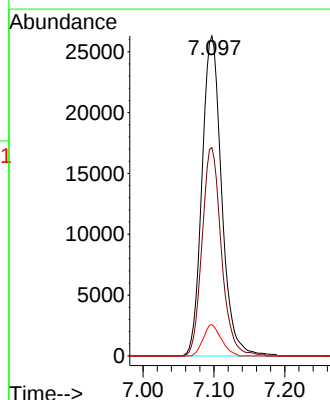
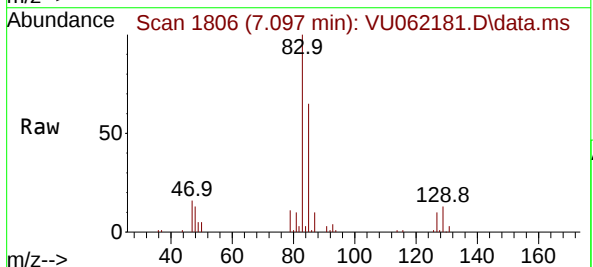
Instrument :
MSVOA_U
ClientSampleId :

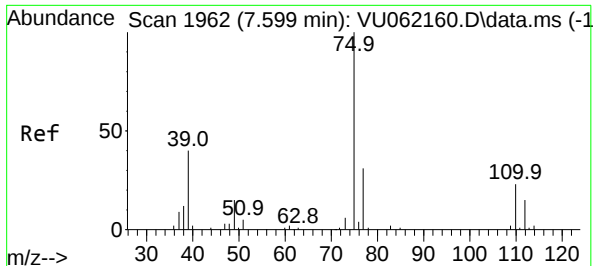
Tgt Ion: 63 Resp: 35156
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.368 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 83 Resp: 50753
Ion Ratio Lower Upper
83 100
85 65.1 44.1 81.9
127 9.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.016 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

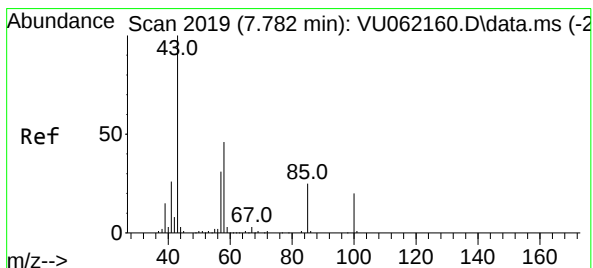
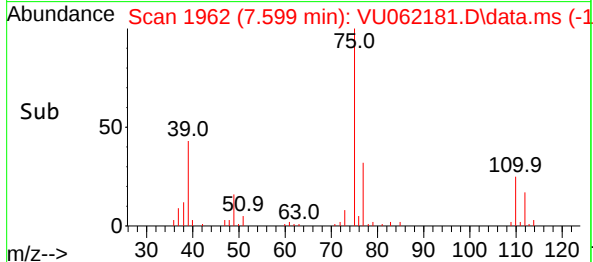
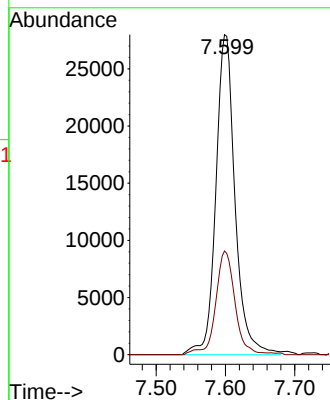
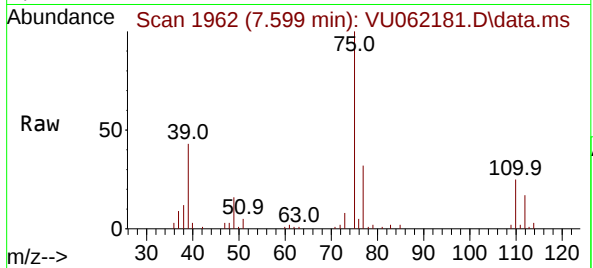
ClientSampleId :

Tgt Ion: 75 Resp: 53878

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 63.003 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

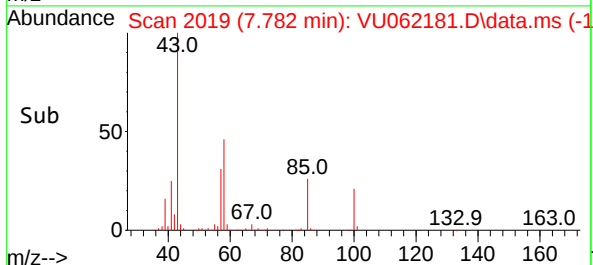
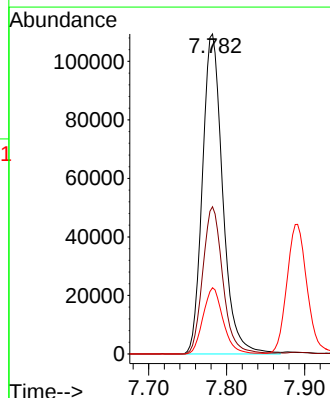
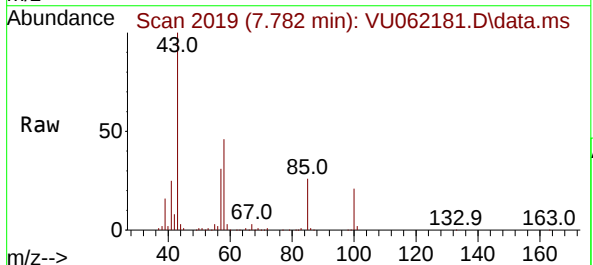
Tgt Ion: 43 Resp: 197871

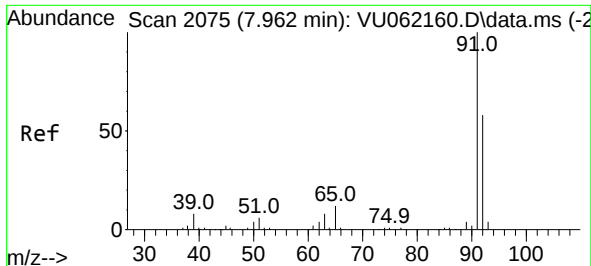
Ion Ratio Lower Upper

43 100

58 45.7 33.3 49.9

100 20.5 12.4 18.6#





#42

Toluene

Concen: 4.613 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

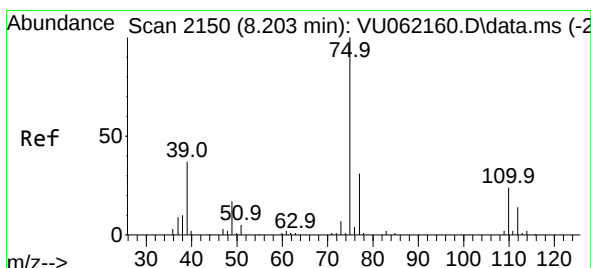
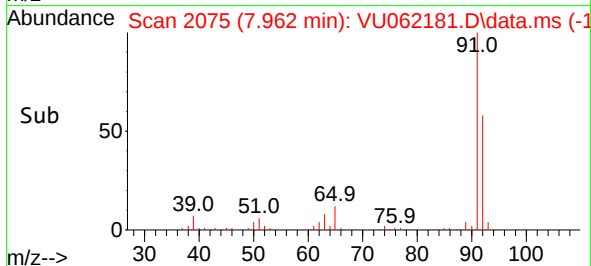
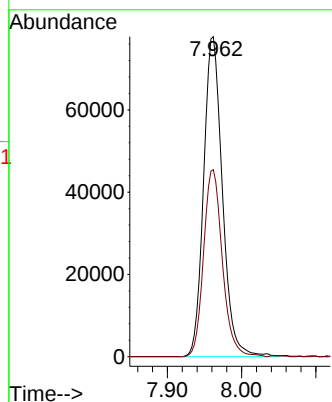
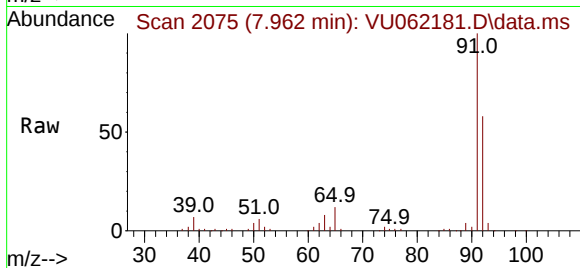
ClientSampleId :

Tgt Ion: 91 Resp: 136866

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.290 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062181.D

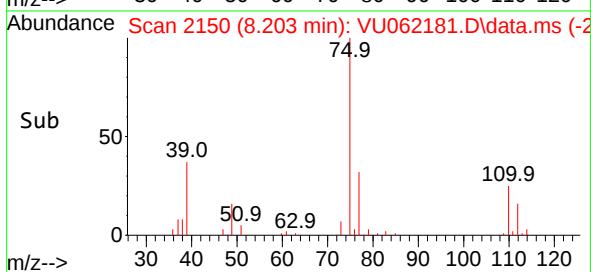
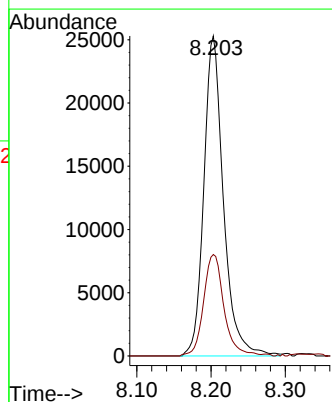
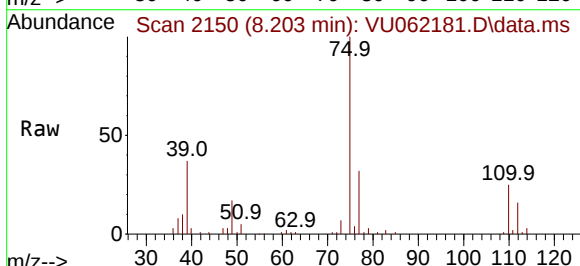
Acq: 10 Dec 2024 01:09

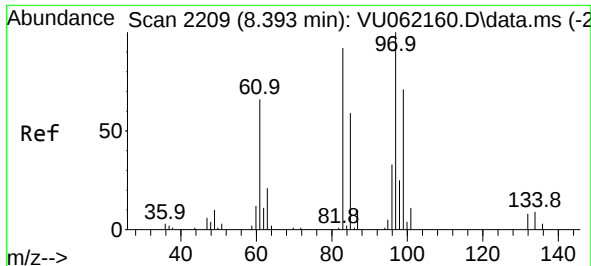
Tgt Ion: 75 Resp: 46400

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4

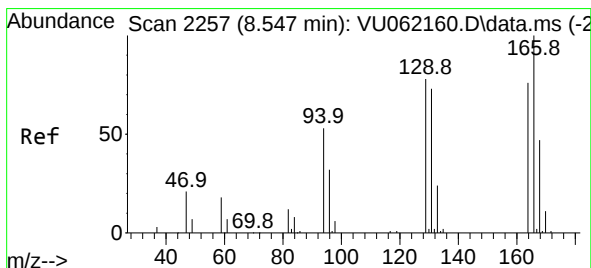
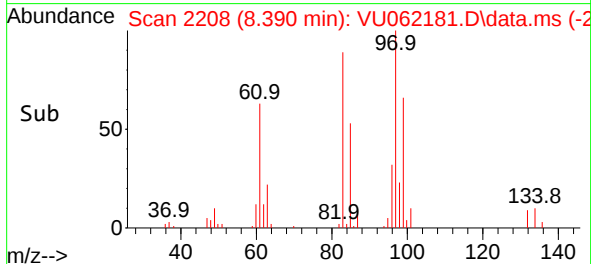
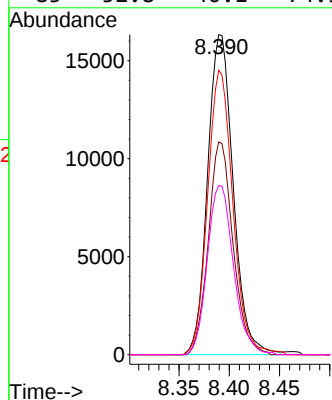
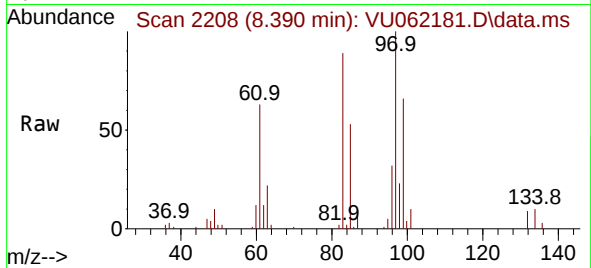




#45
1,1,2-Trichloroethane
Concen: 5.726 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

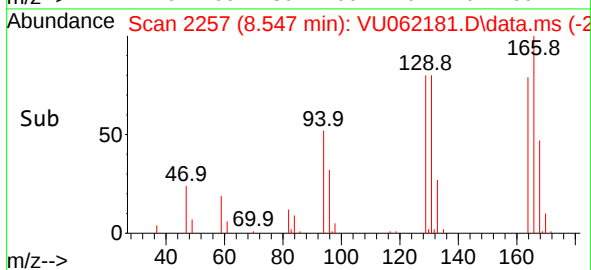
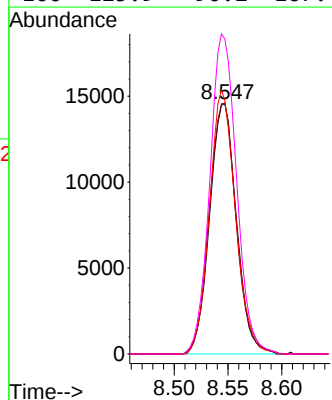
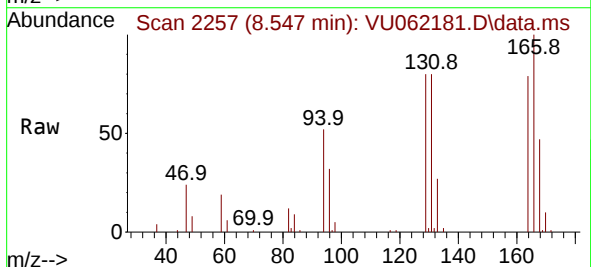
Instrument :
MSVOA_U
ClientSampleId :

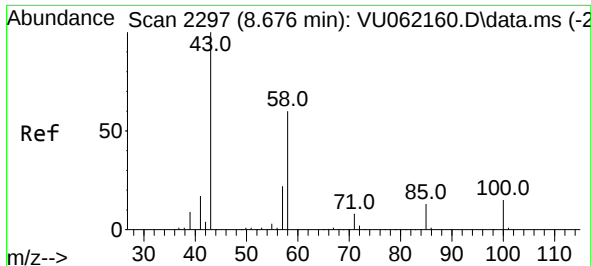
Tgt Ion: 97 Resp: 28968
Ion Ratio Lower Upper
97 100
99 66.5 43.0 79.8
83 88.9 61.7 114.5
85 52.8 40.1 74.5



#47
Tetrachloroethene
Concen: 4.178 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion:164 Resp: 25144
Ion Ratio Lower Upper
164 100
129 100.3 73.2 136.0
131 101.1 72.3 134.3
166 125.9 90.2 167.4

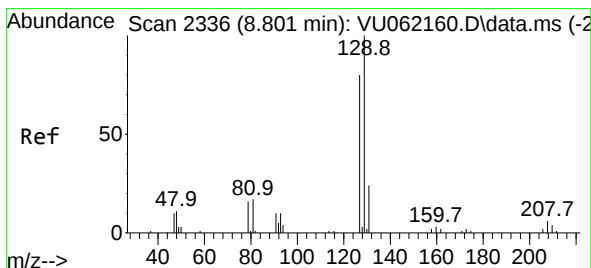
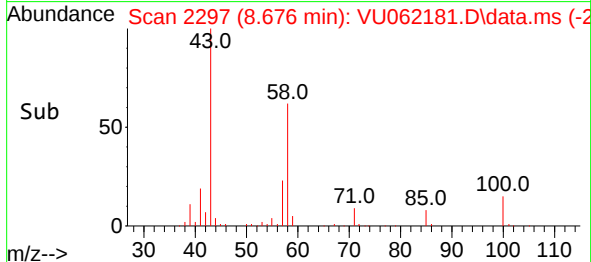
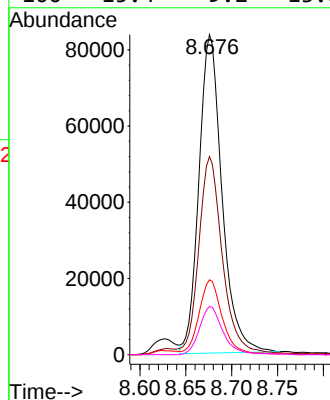
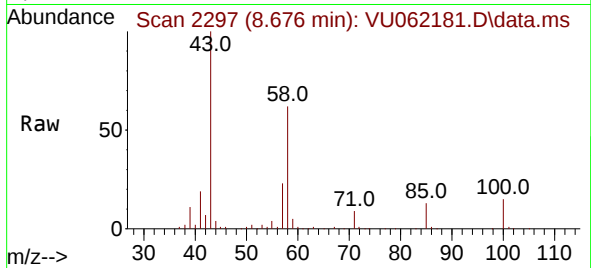




#48
2-Hexanone
Concen: 63.059 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

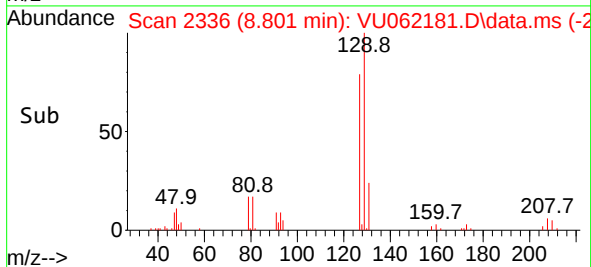
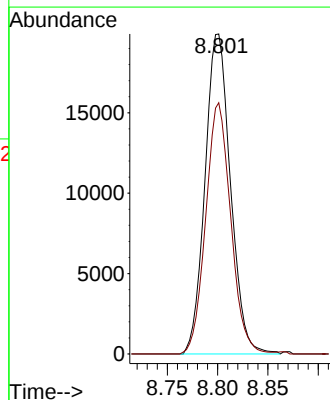
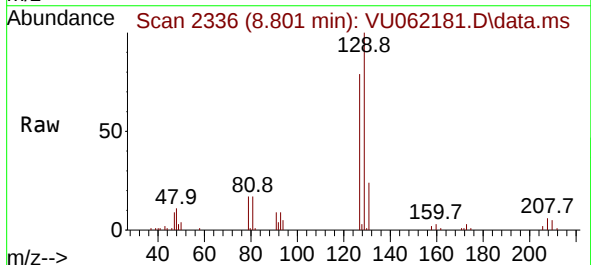
Instrument :
MSVOA_U
ClientSampleId :

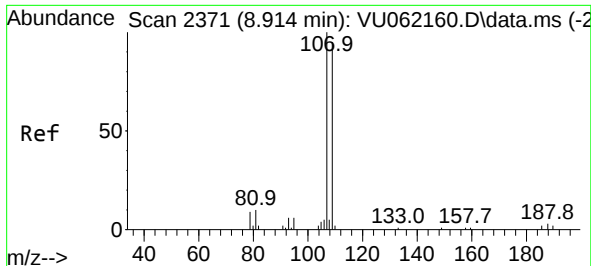
Tgt Ion: 43	Resp: 146362
Ion Ratio	Lower Upper
43 100	
58 63.5	47.5 71.3
57 23.3	15.6 23.4
100 15.4	9.2 13.8#



#49
Dibromochloromethane
Concen: 5.740 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion:129	Resp:	35084	
Ion	Ratio	Lower	Upper
129	100		
127	78.5	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.687 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062181.D

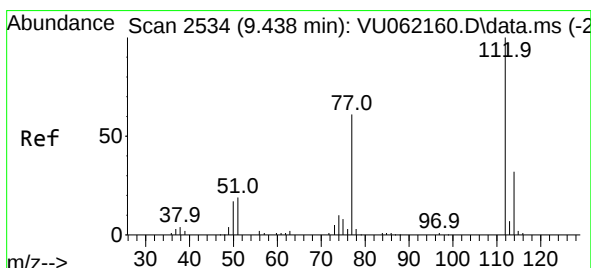
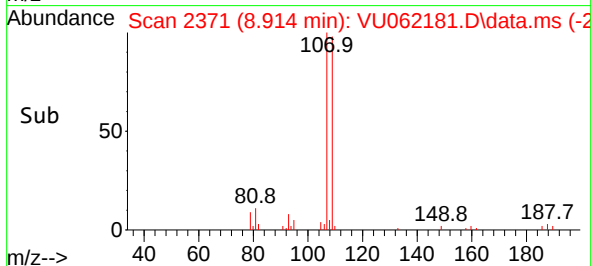
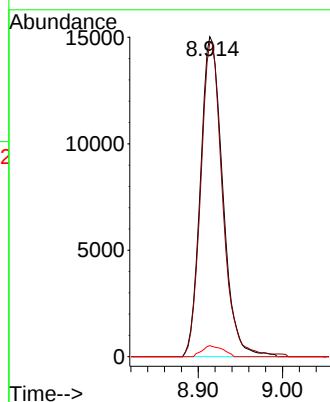
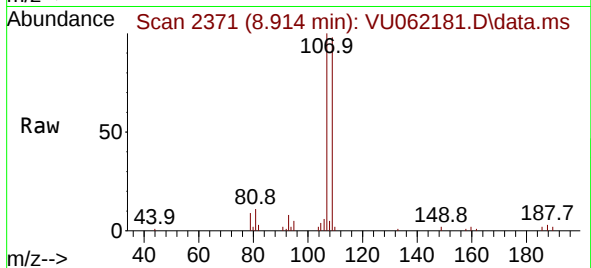
Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	27644
Ion	Ratio	Lower Upper
107	100	
109	98.2	66.8 124.2
188	3.5	2.3 3.5



#51

Chlorobenzene

Concen: 4.728 ug/L

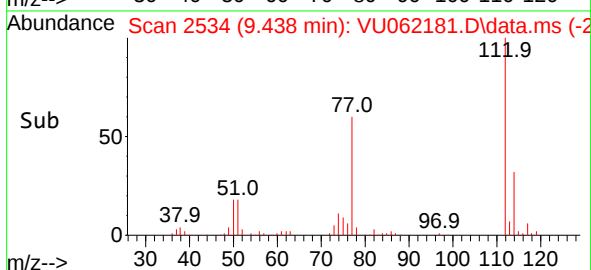
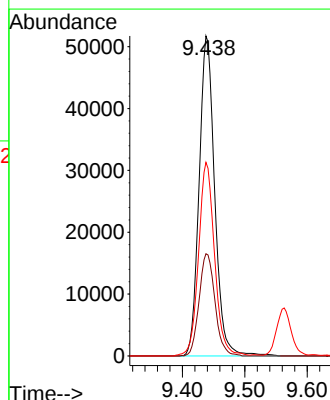
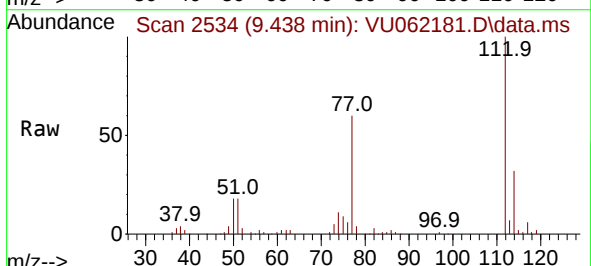
RT: 9.438 min Scan# 2534

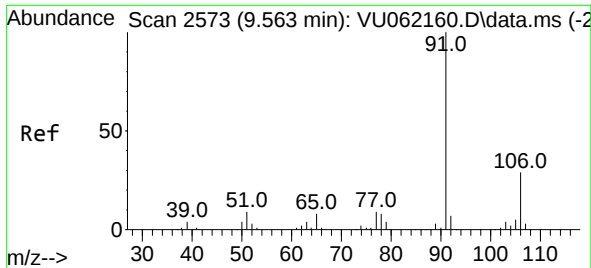
Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Tgt Ion:112	Resp:	89898
Ion	Ratio	Lower Upper
112	100	
114	32.0	23.0 42.6
77	60.5	50.5 75.7

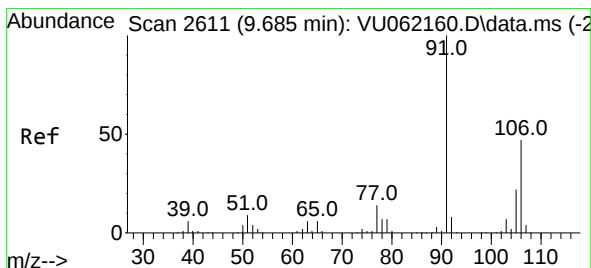
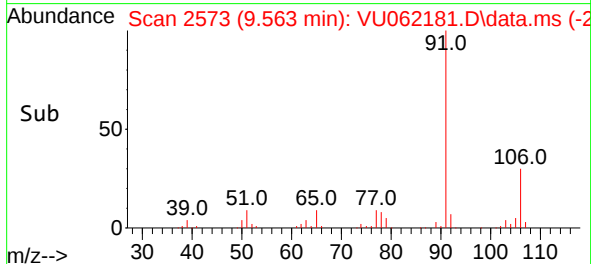
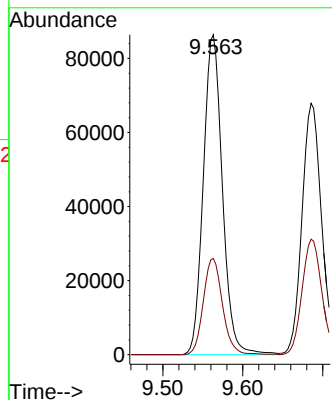
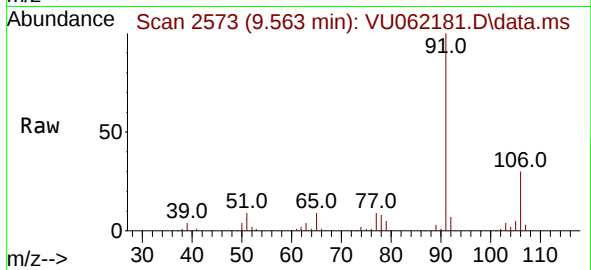




#52
Ethylbenzene
Concen: 4.321 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

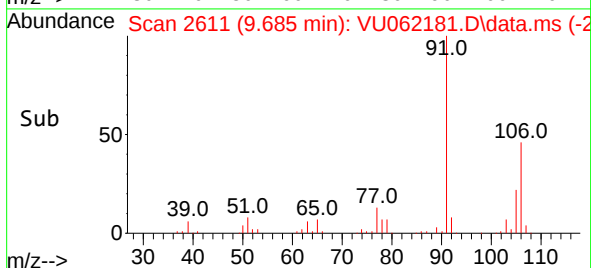
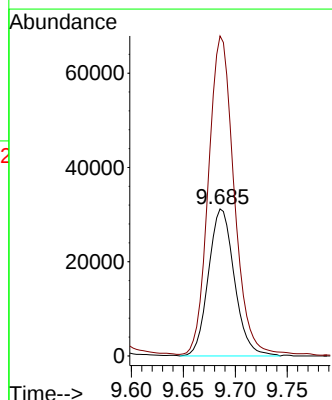
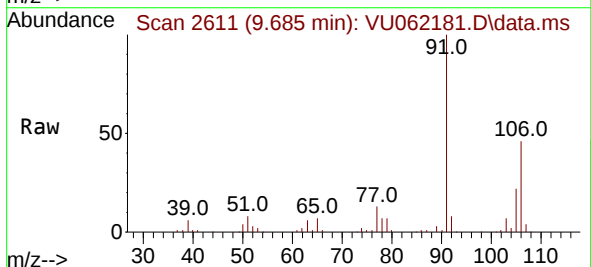
Instrument :
MSVOA_U
ClientSampleId :

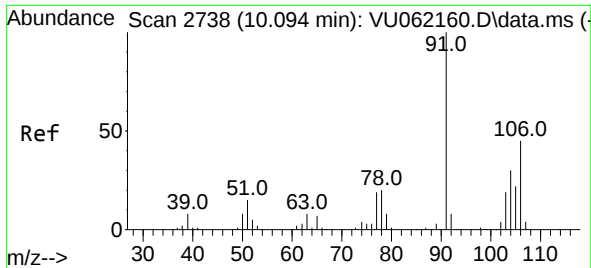
Tgt Ion: 91 Resp: 143756
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 4.413 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion:106 Resp: 54200
Ion Ratio Lower Upper
106 100
91 217.6 147.6 274.0

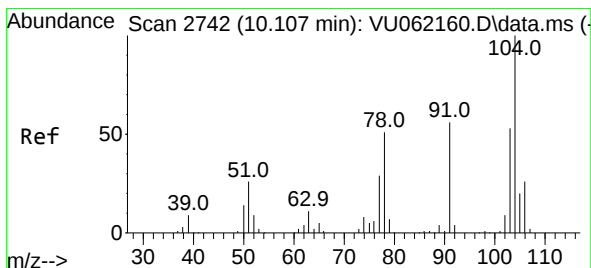
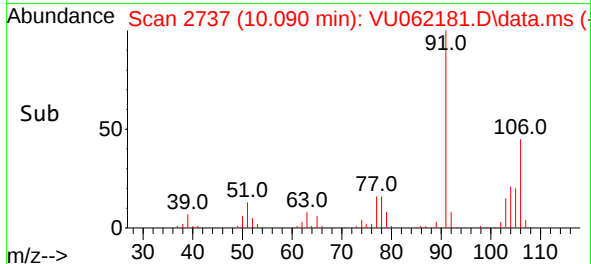
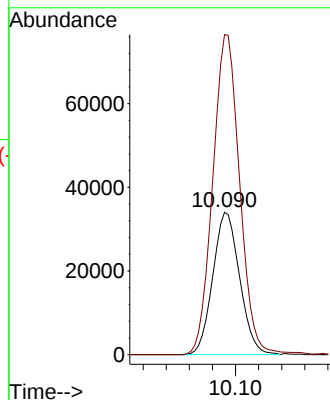
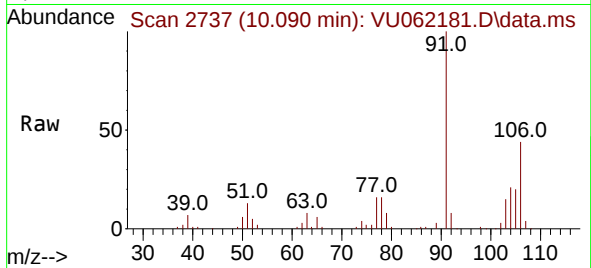




#54
o-Xylene
Concen: 4.592 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

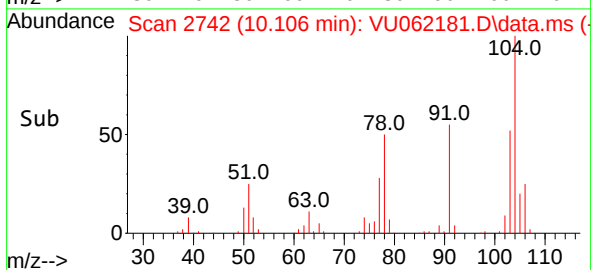
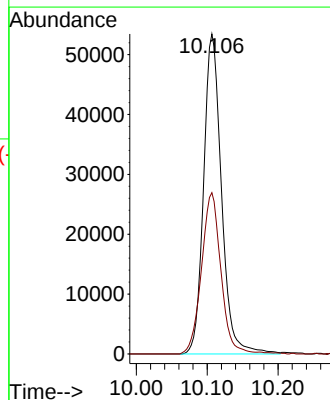
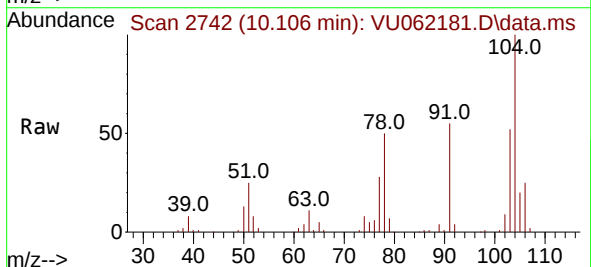
Instrument :
MSVOA_U
ClientSampleId :

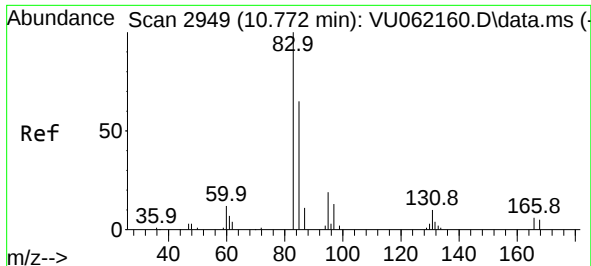
Tgt Ion:106 Resp: 54856
Ion Ratio Lower Upper
106 100
91 224.7 159.8 296.8



#55
Styrene
Concen: 4.762 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion:104 Resp: 93770
Ion Ratio Lower Upper
104 100
78 50.4 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.761 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062181.D

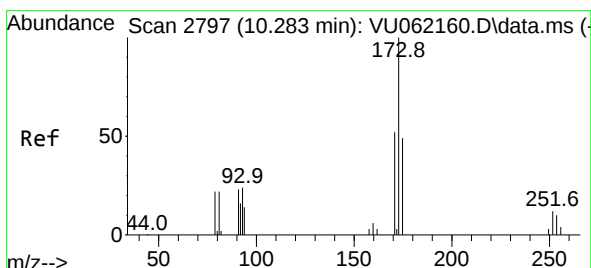
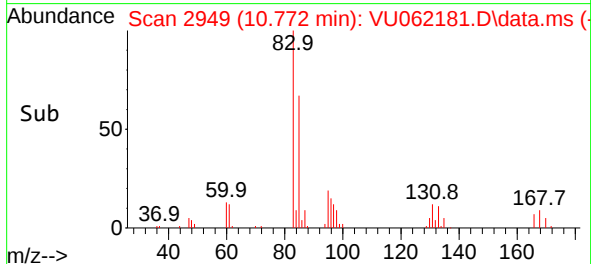
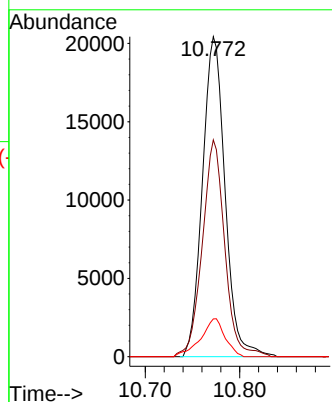
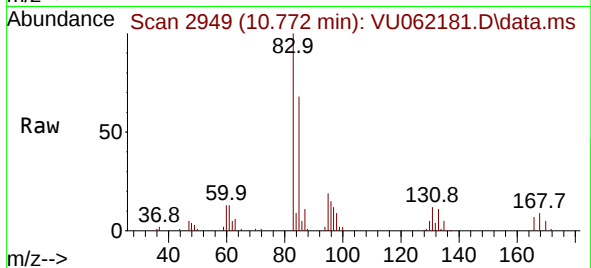
Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	33916
Ion	Ratio	Lower	Upper
83	100		
85	67.8	44.4	82.4
131	11.8	7.3	10.9#



#59

Bromoform

Concen: 6.043 ug/L

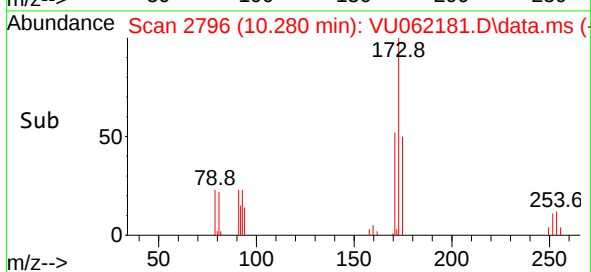
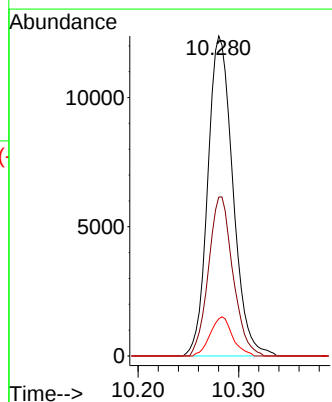
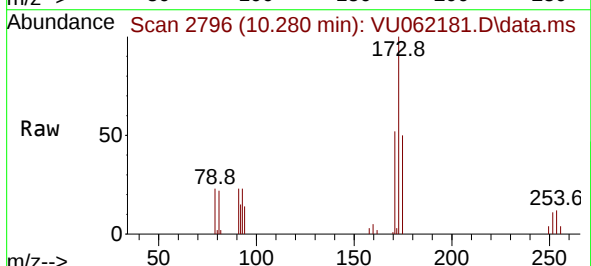
RT: 10.280 min Scan# 2796

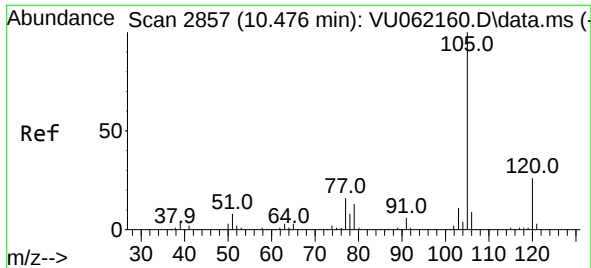
Delta R.T. -0.003 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Tgt Ion:	173	Resp:	21447
Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.4
254	10.9	7.4	11.0

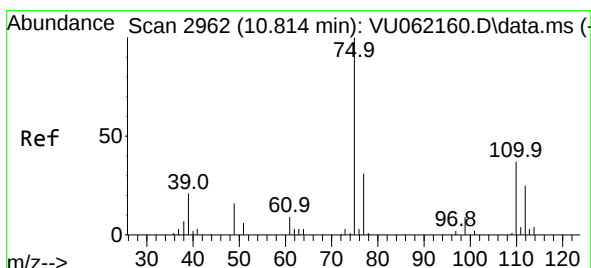
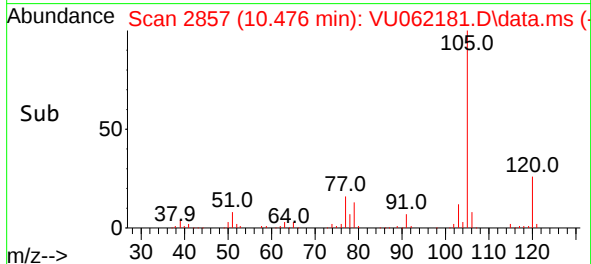
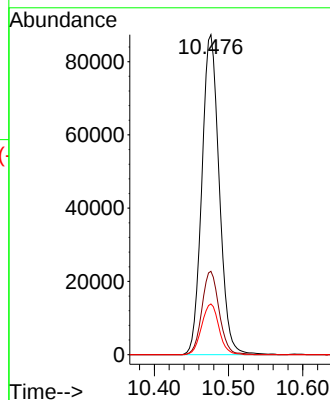
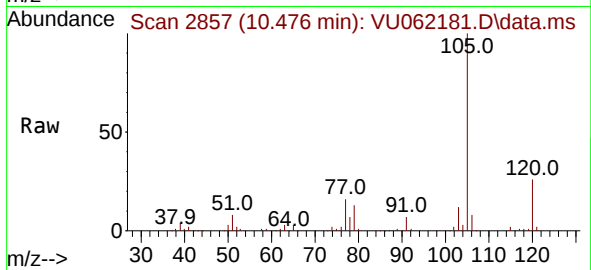




#60
Isopropylbenzene
Concen: 4.352 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

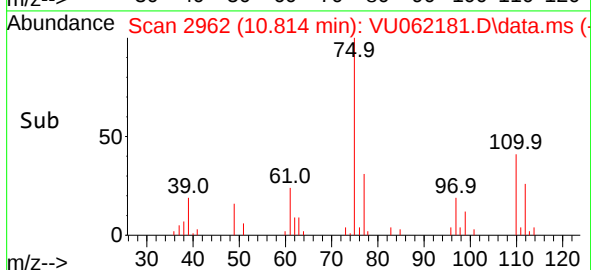
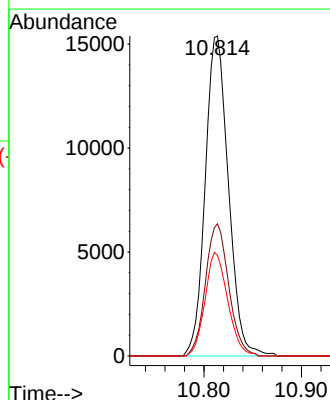
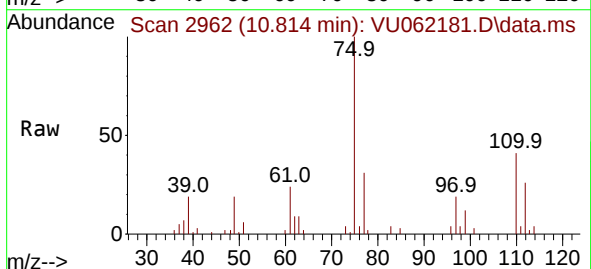
Instrument :
MSVOA_U
ClientSampleId :

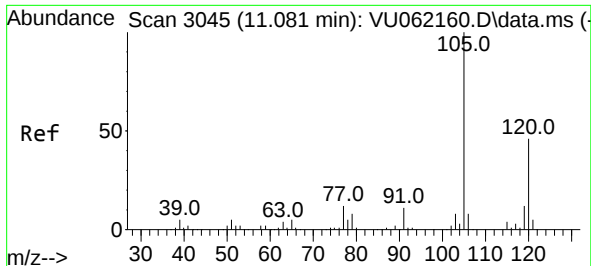
Tgt Ion:105 Resp: 141996
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 6.103 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

Tgt Ion: 75 Resp: 25486
Ion Ratio Lower Upper
75 100
110 41.4 28.9 43.3
77 31.6 26.5 39.7

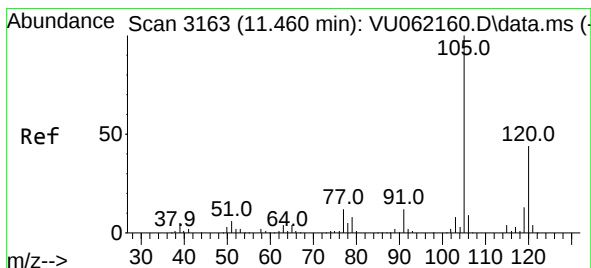
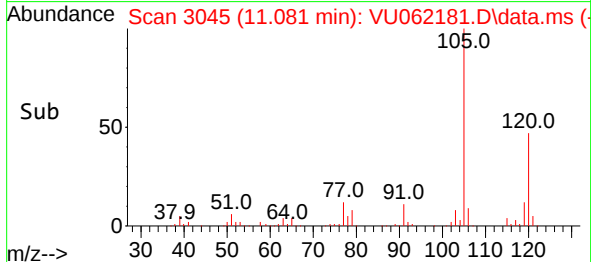
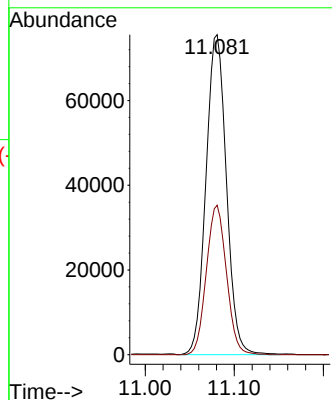
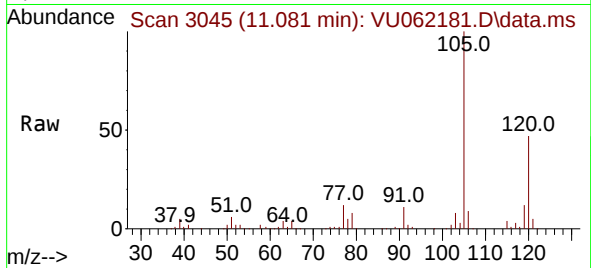




#62
1,3,5-Trimethylbenzene
Concen: 4.358 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

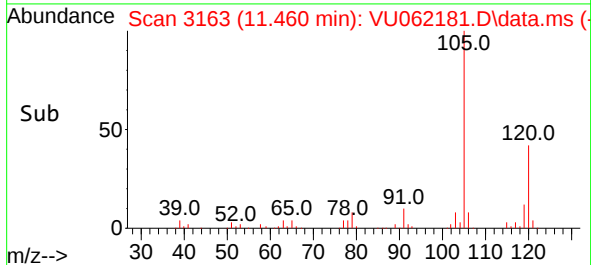
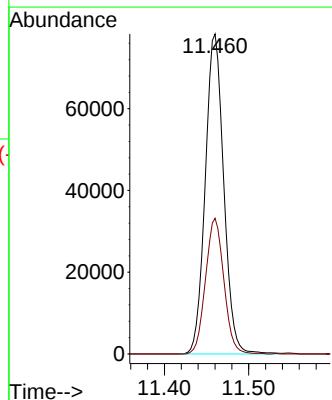
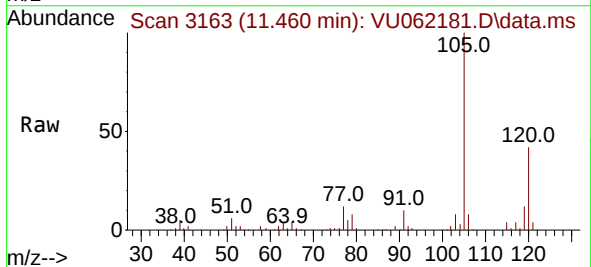
Instrument :
MSVOA_U
ClientSampleId :

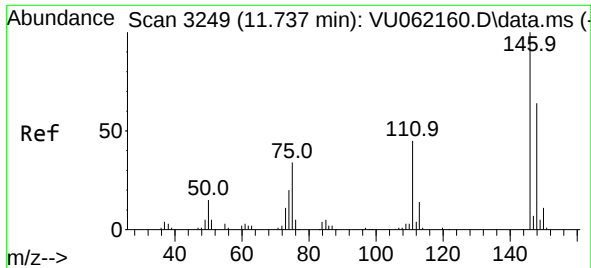
Tgt Ion:105 Resp: 120333
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.424 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

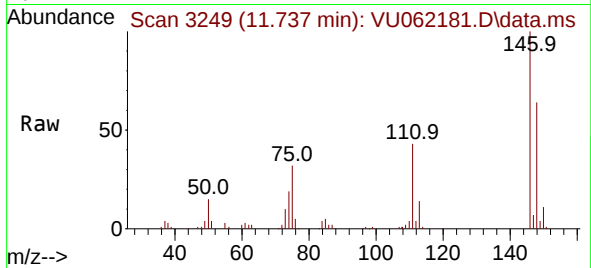
Tgt Ion:105 Resp: 119685
Ion Ratio Lower Upper
105 100
120 42.1 34.7 52.1



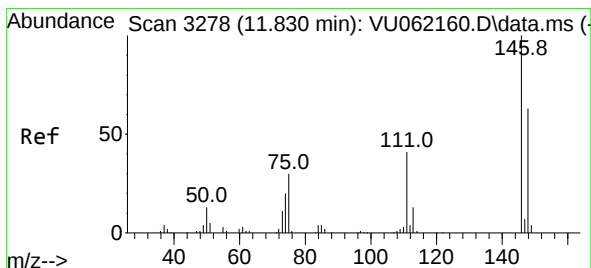
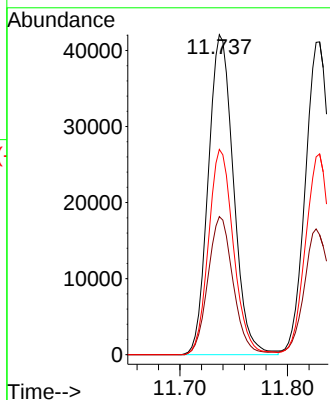
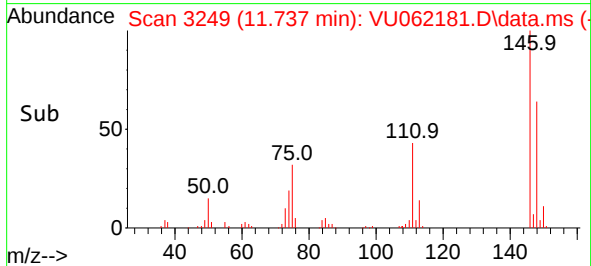


#64
1,3-Dichlorobenzene
Concen: 4.584 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

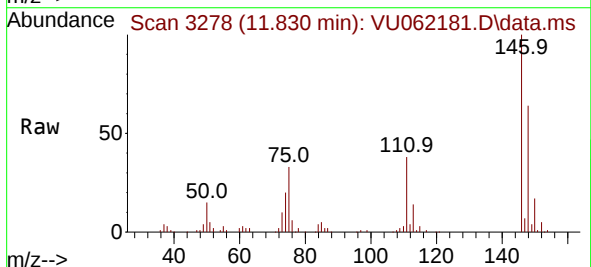
Instrument :
MSVOA_U
ClientSampleId :



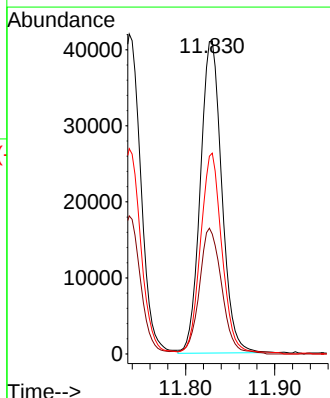
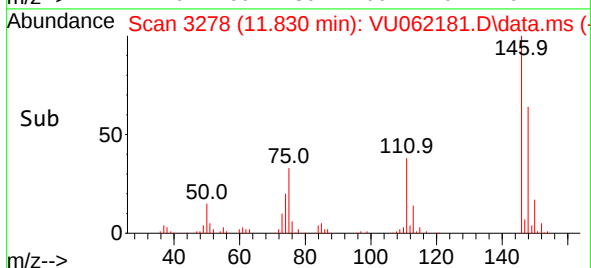
Tgt Ion:146 Resp: 68695
Ion Ratio Lower Upper
146 100
111 43.2 30.7 57.1
148 64.1 45.1 83.7

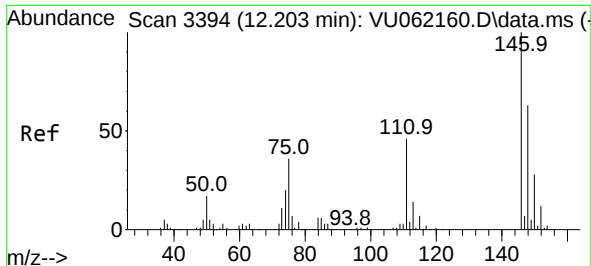


#65
1,4-Dichlorobenzene
Concen: 4.544 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09



Tgt Ion:146 Resp: 68581
Ion Ratio Lower Upper
146 100
111 38.3 29.3 54.3
148 64.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.831 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

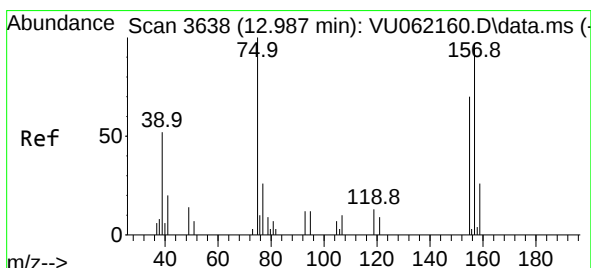
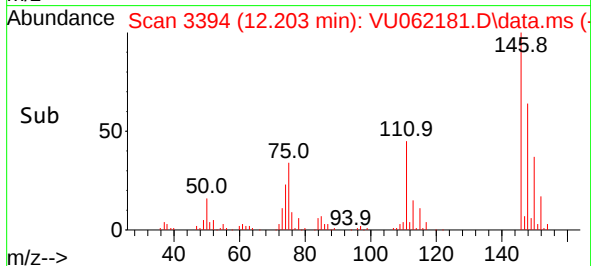
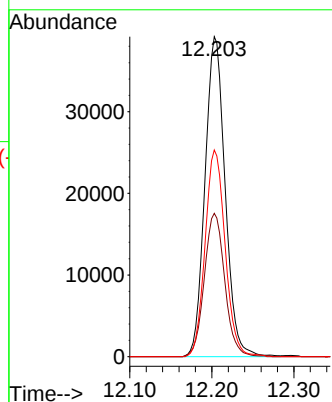
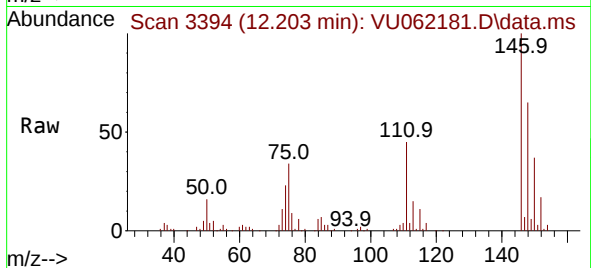
Tgt Ion:146 Resp: 66914

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 64.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.556 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

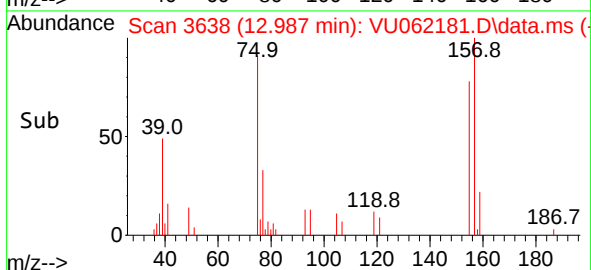
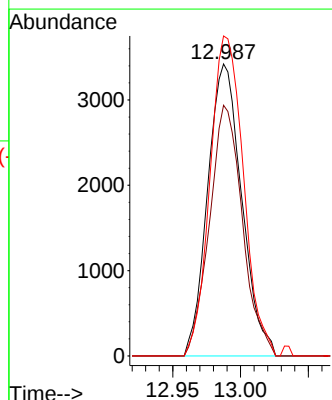
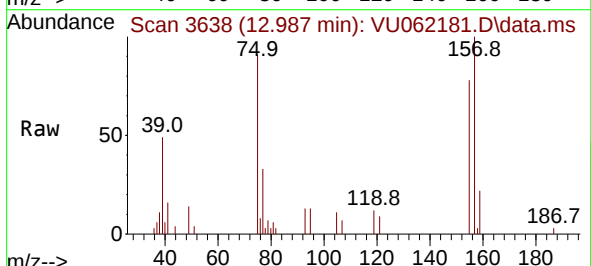
Tgt Ion: 75 Resp: 5972

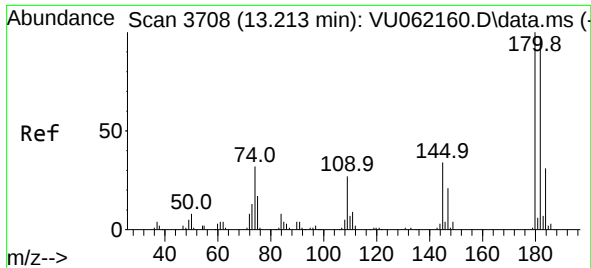
Ion Ratio Lower Upper

75 100

155 85.9 55.2 82.8#

157 109.6 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.436 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 49425

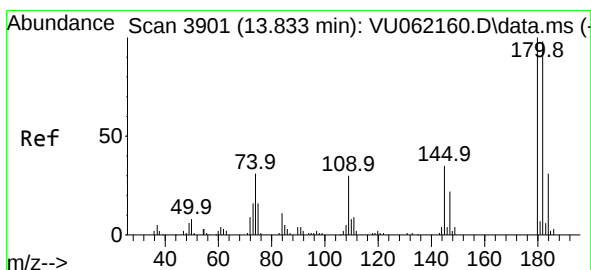
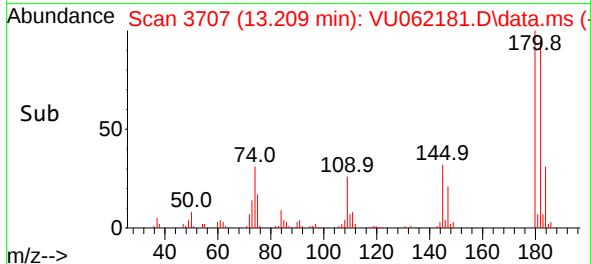
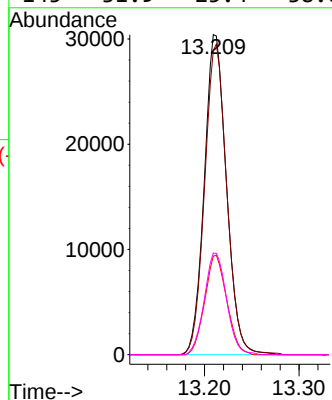
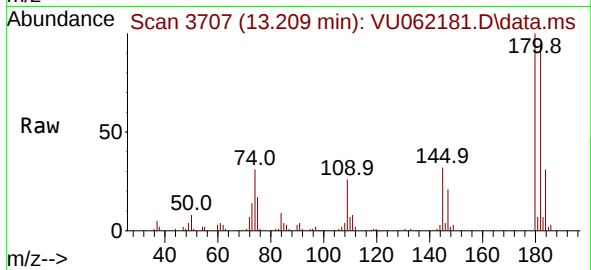
Ion Ratio Lower Upper

180 100

182 97.0 76.7 115.1

184 30.9 24.8 37.2

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.851 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062181.D

Acq: 10 Dec 2024 01:09

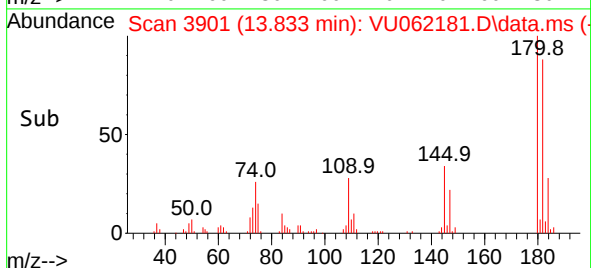
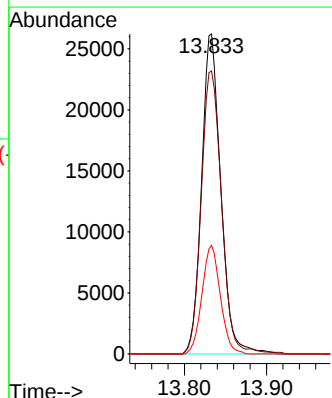
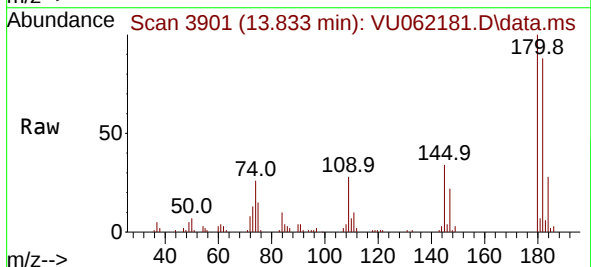
Tgt Ion:180 Resp: 42673

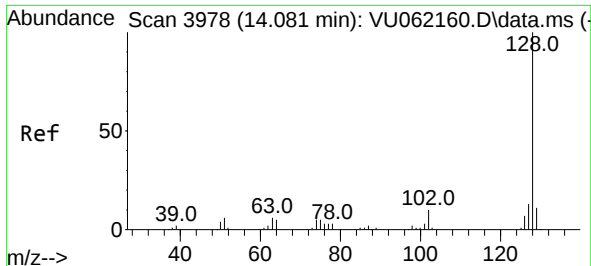
Ion Ratio Lower Upper

180 100

182 93.5 74.5 111.7

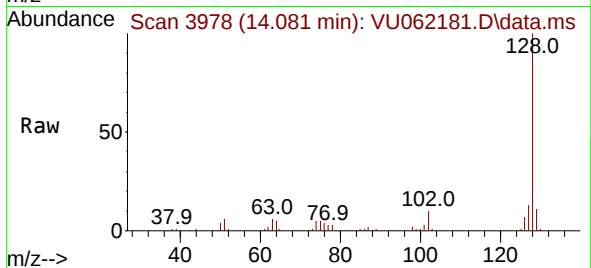
145 32.4 25.6 38.4



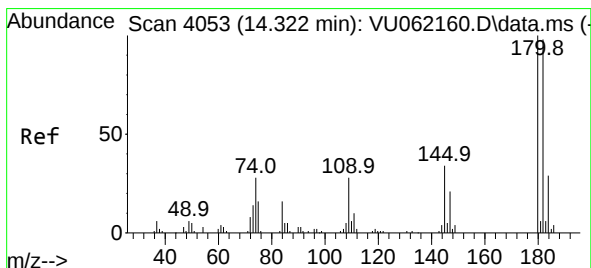
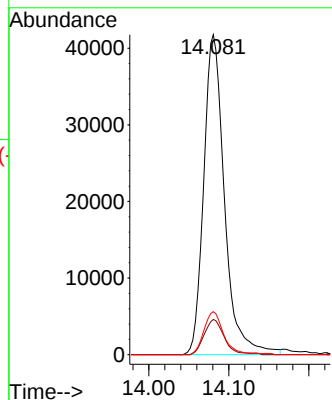
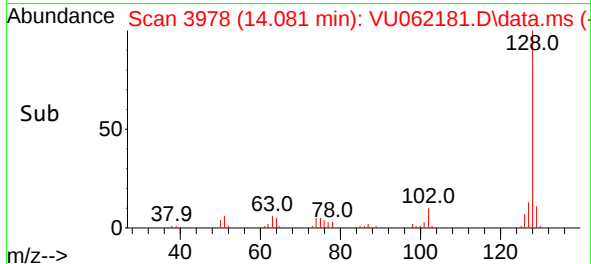


#71
Naphthalene
Concen: 5.727 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09

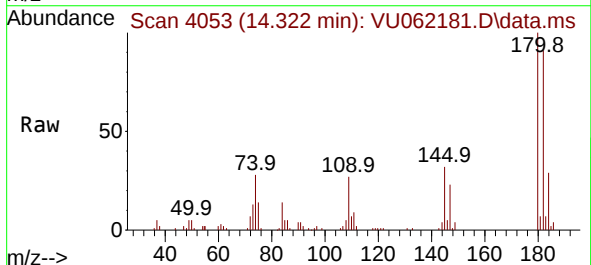
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 75635
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.034 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062181.D
Acq: 10 Dec 2024 01:09



Tgt Ion:180 Resp: 39050
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 34.1 27.4 41.0

