

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062253.D
 Acq On : 11 Dec 2024 20:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:41:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26071	3.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.911	69	21557	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	12896	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.634	46	65156	50.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.500%
24) Chloroform-d	5.055	84	67215	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	35075	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	116873	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	34180	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.888	98	111332	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	15342	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.628	63	49883	48.966	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29202	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	42673	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47338	5.038	ug/L	98
3) Chloromethane	1.515	50	35013	4.754	ug/L	100
5) Vinyl chloride	1.599	62	37919	4.945	ug/L	100
6) Bromomethane	1.853	94	26399	5.164	ug/L	100
8) Chloroethane	1.930	64	21731	5.059	ug/L	99
9) Trichlorofluoromethane	2.133	101	67814	5.095	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35787	4.940	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32816	4.845	ug/L	93
13) Acetone	2.660	43	46491	52.656	ug/L	94
14) Carbon disulfide	2.785	76	99047	4.624	ug/L	99
15) Methyl Acetate	2.956	43	10923	4.936	ug/L #	89
16) Methylene chloride	3.039	84	36325	5.109	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	84290	4.996	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34382	4.941	ug/L	88
19) 1,1-Dichloroethane	3.859	63	62898	4.931	ug/L	95
21) 2-Butanone	4.714	43	69270	54.024	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	39762	5.098	ug/L	97
23) Bromochloromethane	4.965	128	18132	5.303	ug/L #	74
25) Chloroform	5.078	83	74213	5.165	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062253.D
 Acq On : 11 Dec 2024 20:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

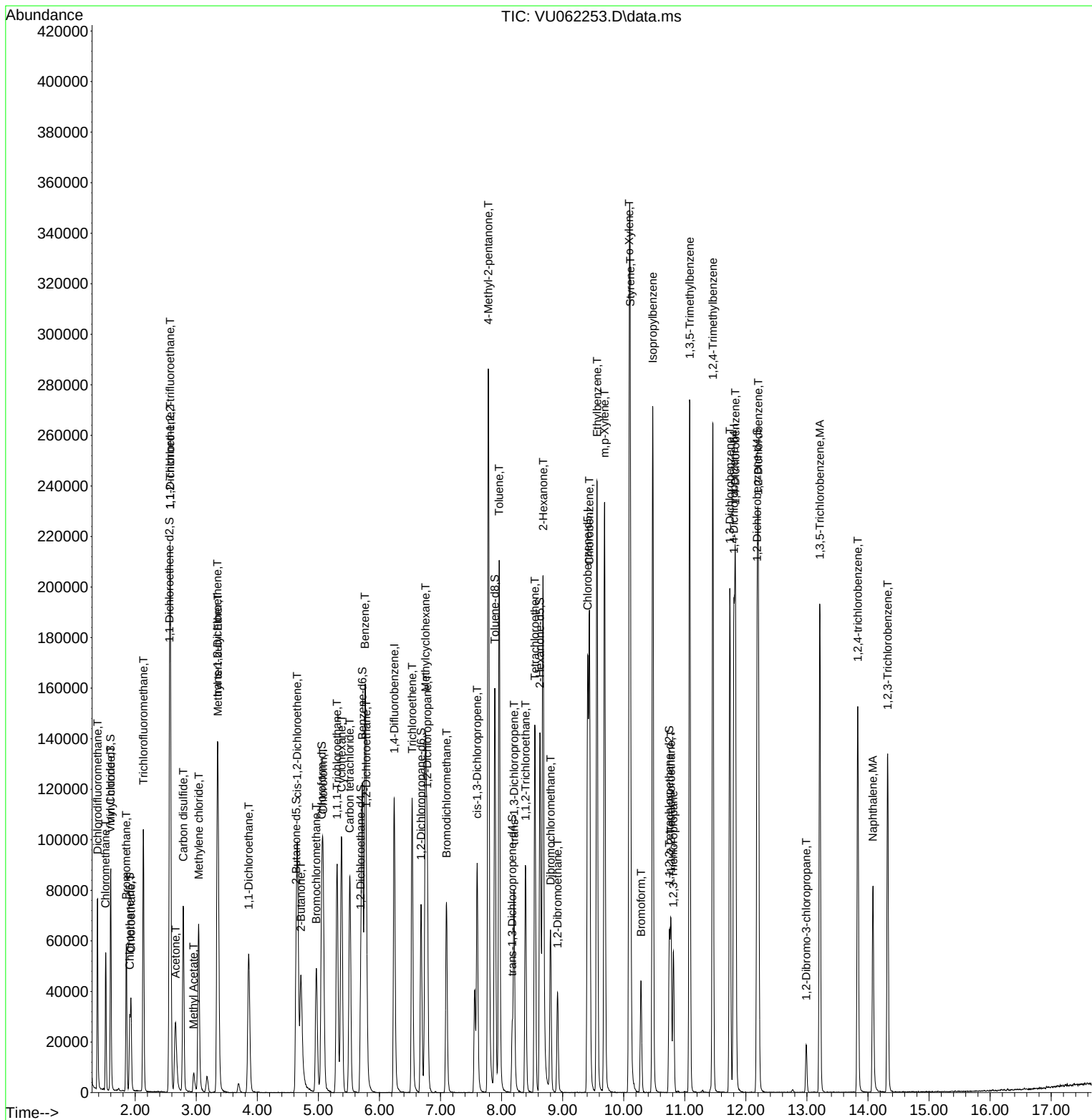
Instrument :
 MSVOA_U
 ClientSampleId :

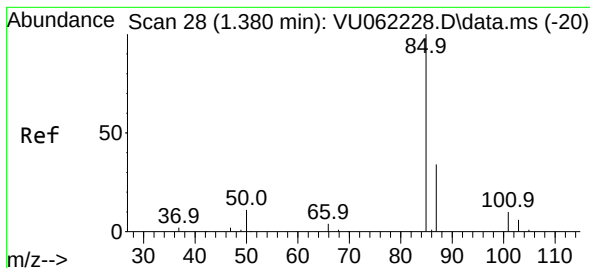
Quant Time: Dec 12 01:41:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45430	4.976	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	68646	5.242	ug/L	95
30) Cyclohexane	5.377	56	50779	4.782	ug/L	93
31) Carbon tetrachloride	5.512	117	62078	5.170	ug/L	99
33) Benzene	5.763	78	147004	5.096	ug/L	100
34) Trichloroethene	6.534	95	42177	5.161	ug/L	94
35) Methylcyclohexane	6.753	83	57110	4.714	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35447	5.046	ug/L	100
38) Bromodichloromethane	7.097	83	51623	5.208	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	54862	4.872	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	172943	52.525	ug/L #	91
42) Toluene	7.959	91	160604	5.163	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	47680	5.185	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	27794	5.240	ug/L	97
47) Tetrachloroethene	8.544	164	32585	5.164	ug/L	97
48) 2-Hexanone	8.679	43	130412	53.594	ug/L #	93
49) Dibromochloromethane	8.801	129	34191	5.336	ug/L	92
50) 1,2-Dibromoethane	8.914	107	27081	5.314	ug/L #	97
51) Chlorobenzene	9.438	112	103457	5.190	ug/L	98
52) Ethylbenzene	9.563	91	178873	5.129	ug/L	99
53) m,p-Xylene	9.685	106	67949	5.277	ug/L	97
54) o-Xylene	10.090	106	65366	5.219	ug/L	98
55) Styrene	10.107	104	110307	5.343	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	32299	5.233	ug/L #	99
59) Bromoform	10.283	173	20810	5.311	ug/L	99
60) Isopropylbenzene	10.476	105	179973	4.996	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23778	5.157	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	154558	5.070	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	151091	5.059	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	82902	5.010	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	82806	4.970	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	78219	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5472	5.441	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.209	180	61939	5.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	48981	5.044	ug/L	97
71) Naphthalene	14.081	128	72496	4.972	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	42759	4.993	ug/L	99

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

Quant Time: Dec 12 01:41:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 12 00:24:05 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.038 ug/L

RT: 1.383 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

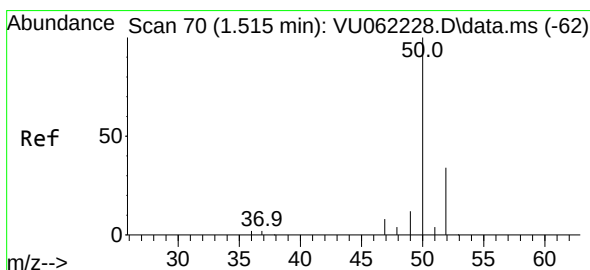
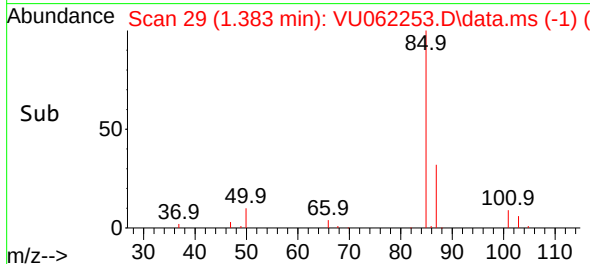
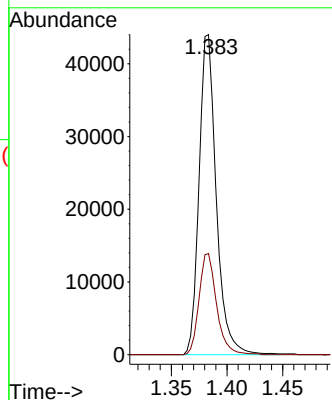
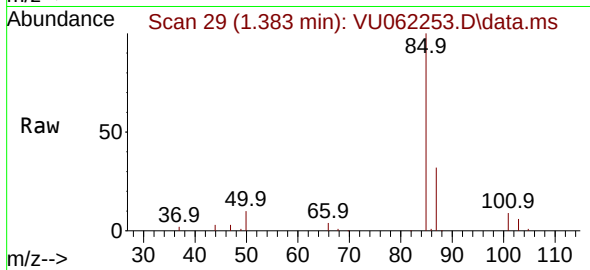
ClientSampleId :

Tgt Ion: 85 Resp: 47338

Ion Ratio Lower Upper

85 100

87 32.1 26.6 40.0



#3

Chloromethane

Concen: 4.754 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU062253.D

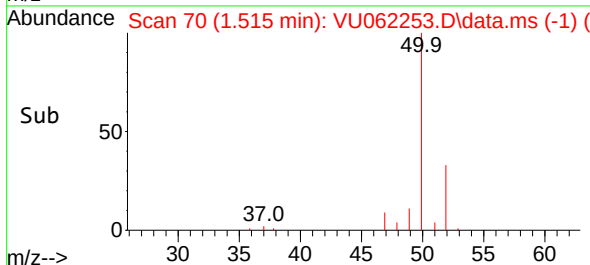
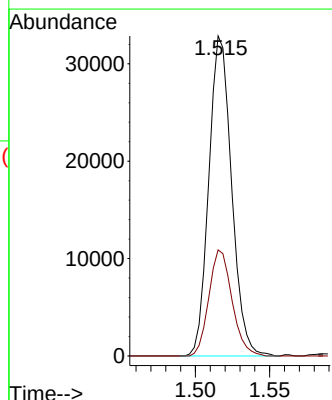
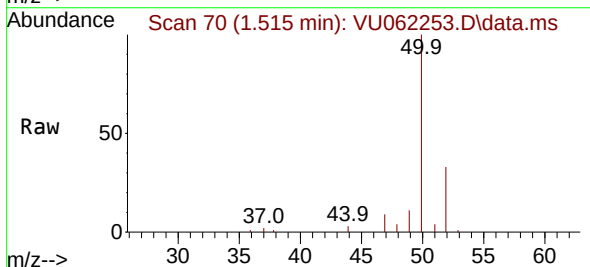
Acq: 11 Dec 2024 20:14

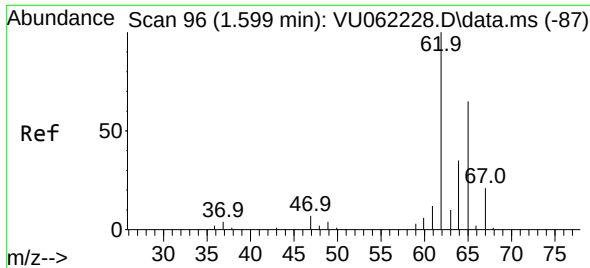
Tgt Ion: 50 Resp: 35013

Ion Ratio Lower Upper

50 100

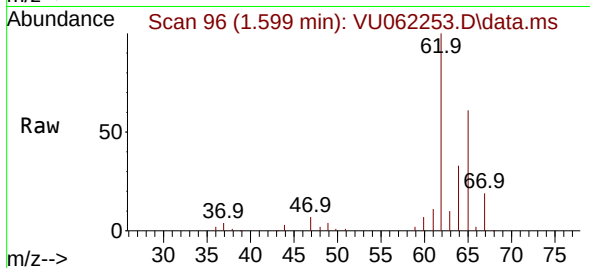
52 33.1 23.1 42.9



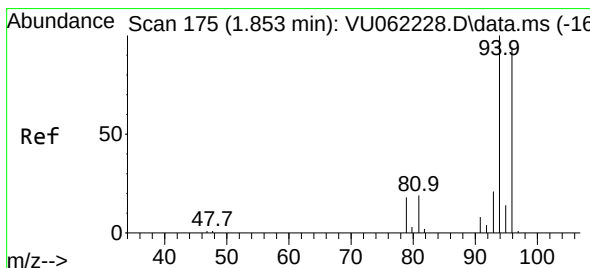
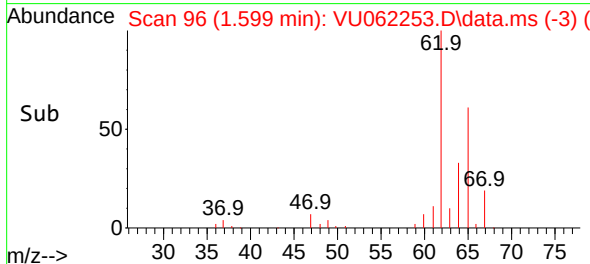
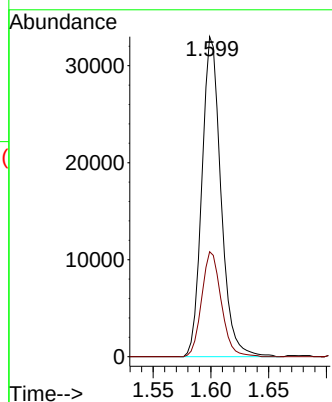


#5
 Vinyl chloride
 Concen: 4.945 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

Instrument :
 MSVOA_U
 ClientSampleId :

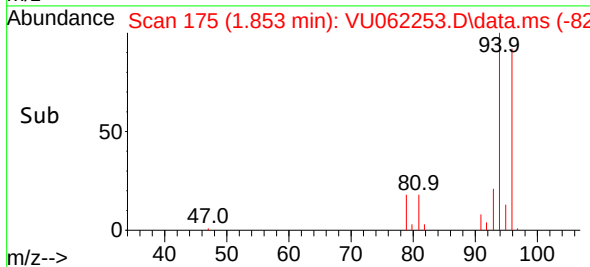
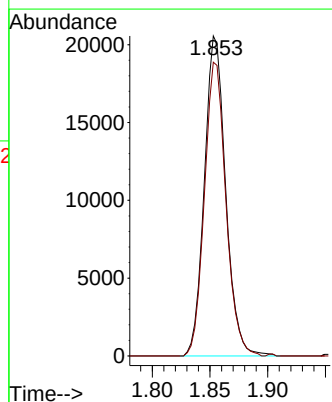
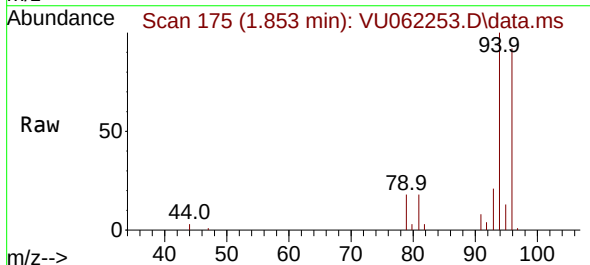


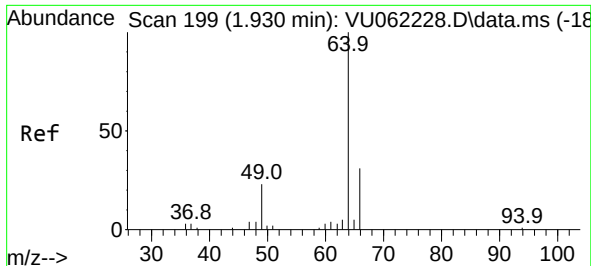
Tgt Ion: 62 Resp: 37919
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 5.164 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

Tgt Ion: 94 Resp: 26399
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.5 119.9

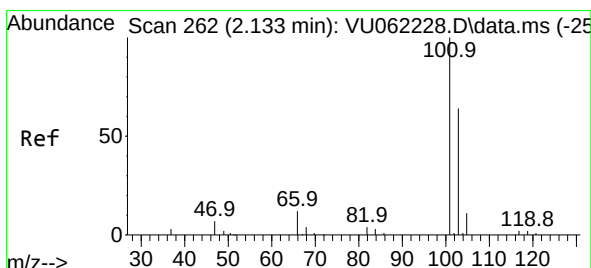
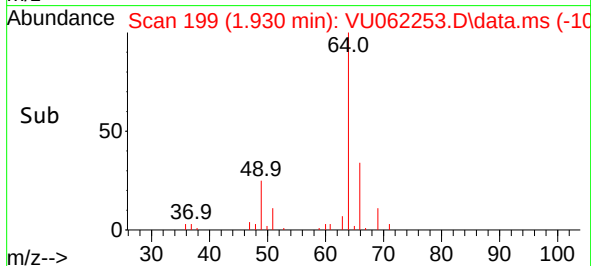
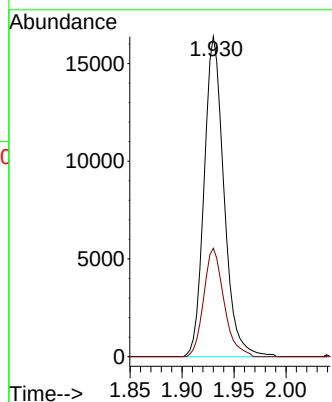
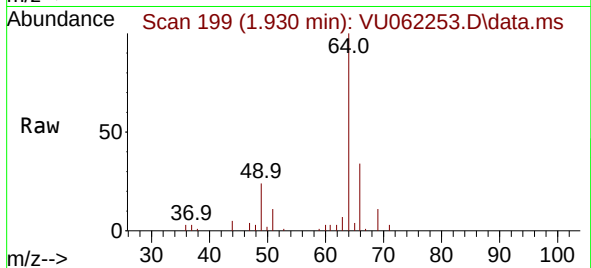




#8
Chloroethane
Concen: 5.059 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

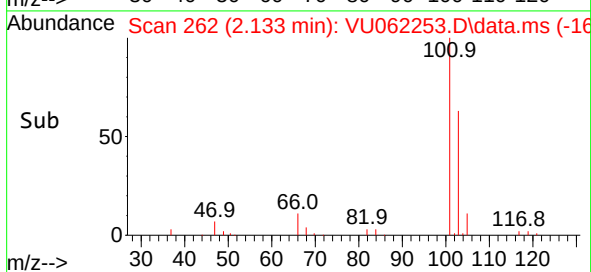
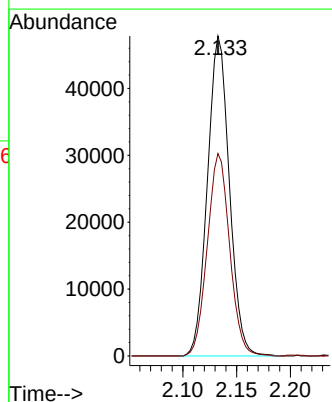
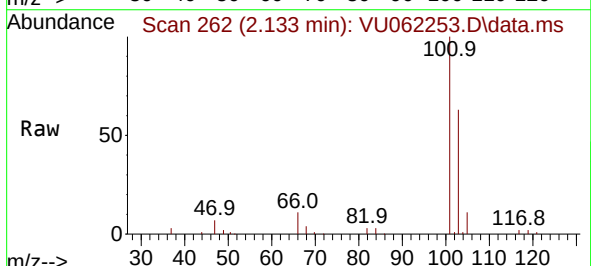
Instrument :
MSVOA_U
ClientSampleId :

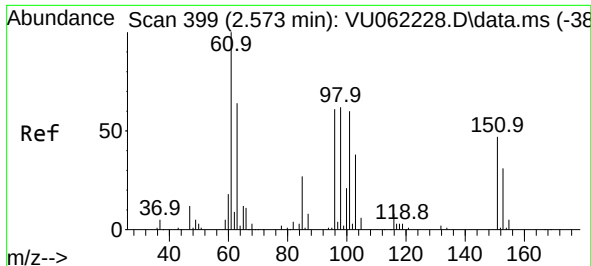
Tgt Ion: 64 Resp: 21731
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.095 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion:101 Resp: 67814
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

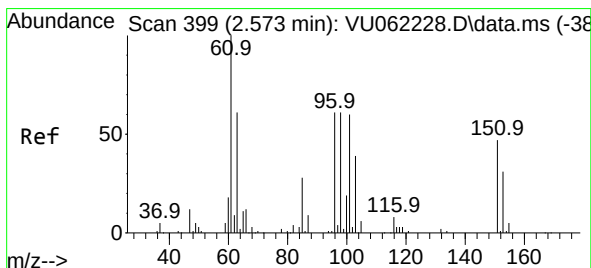
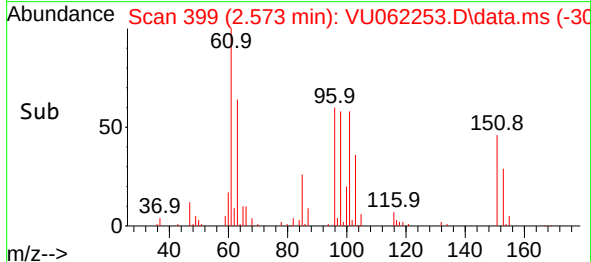
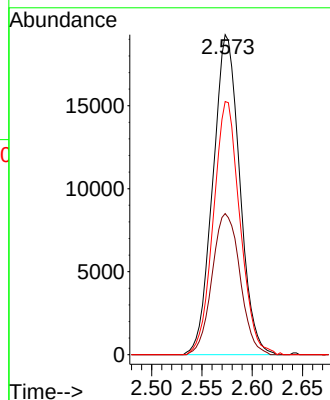
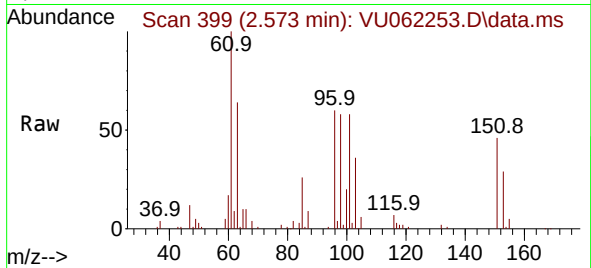




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.940 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

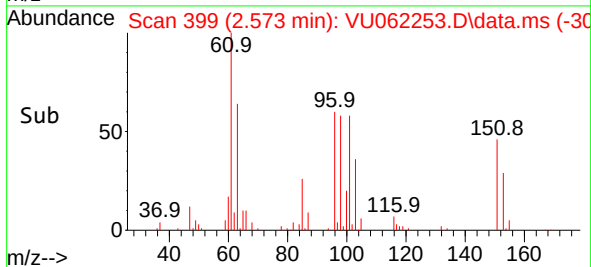
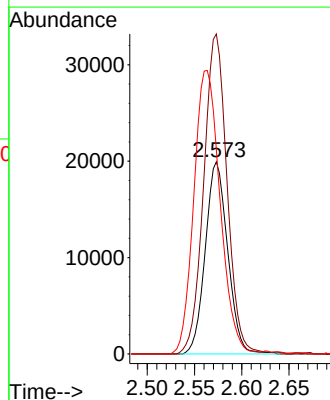
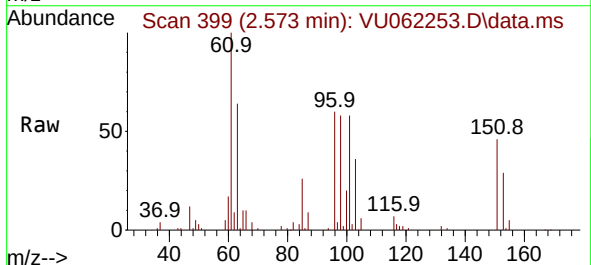
Instrument :
 MSVOA_U
 ClientSampleId :

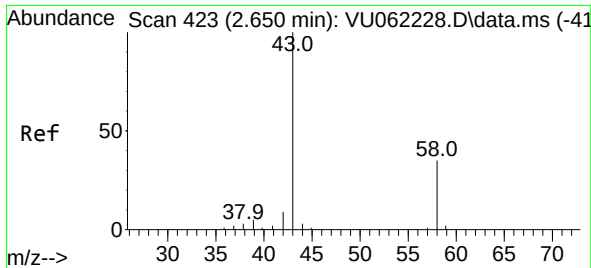
Tgt Ion:101 Resp: 35787
 Ion Ratio Lower Upper
 101 100
 85 45.9 38.0 57.0
 151 78.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.845 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

Tgt Ion: 96 Resp: 32816
 Ion Ratio Lower Upper
 96 100
 61 166.5 119.6 222.2
 63 106.3 65.0 120.6





#13

Acetone

Concen: 52.656 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

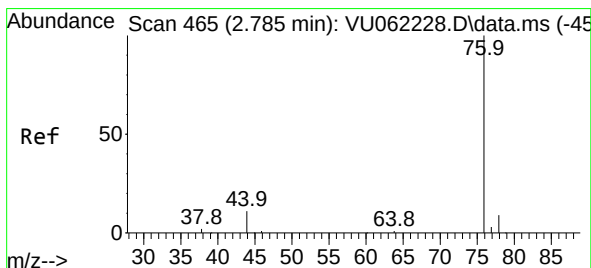
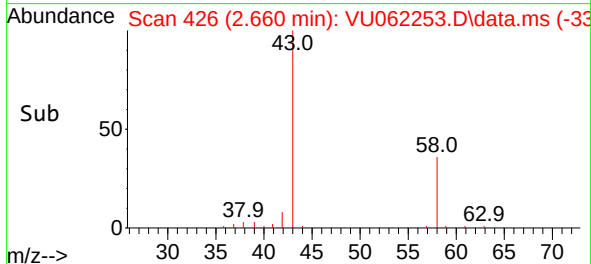
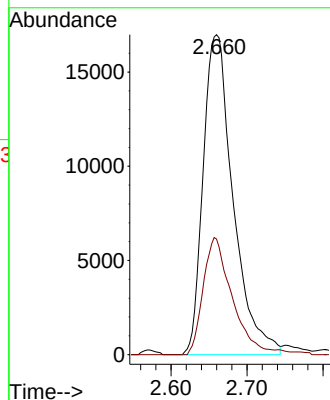
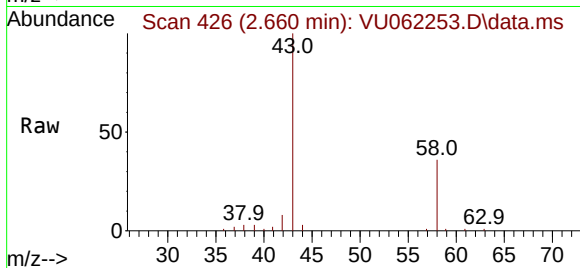
ClientSampleId :

Tgt Ion: 43 Resp: 46491

Ion Ratio Lower Upper

43 100

58 35.1 0.0 64.0



#14

Carbon disulfide

Concen: 4.624 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062253.D

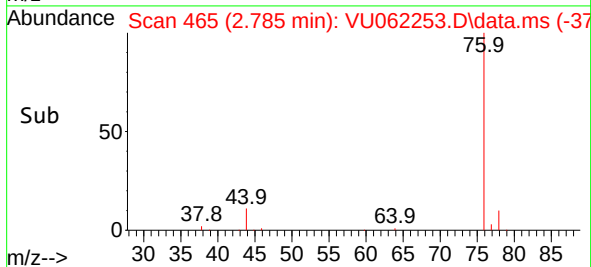
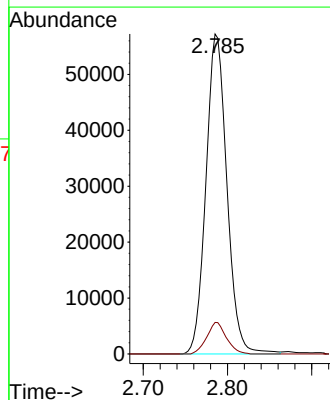
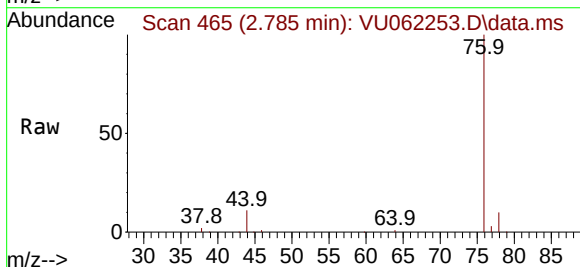
Acq: 11 Dec 2024 20:14

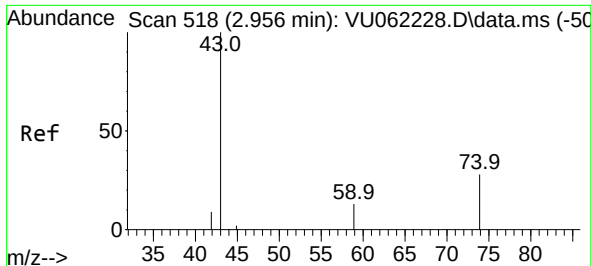
Tgt Ion: 76 Resp: 99047

Ion Ratio Lower Upper

76 100

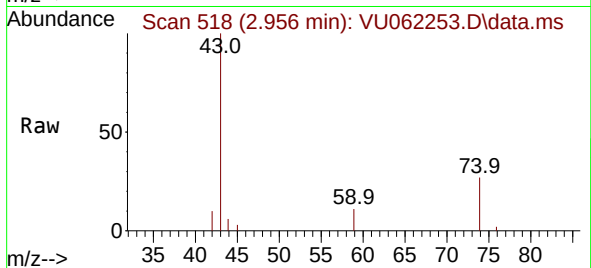
78 9.8 7.5 11.3



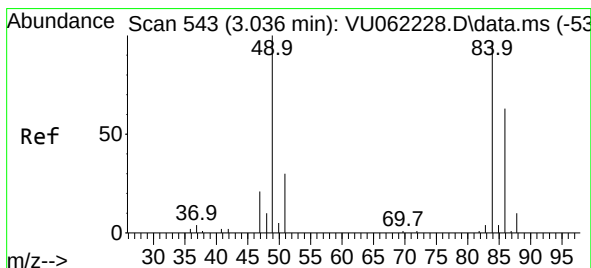
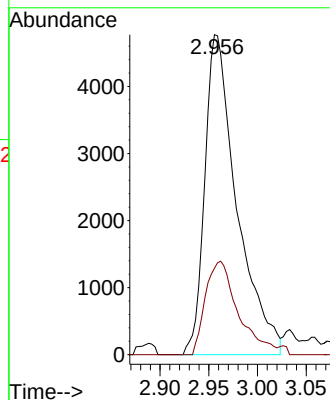
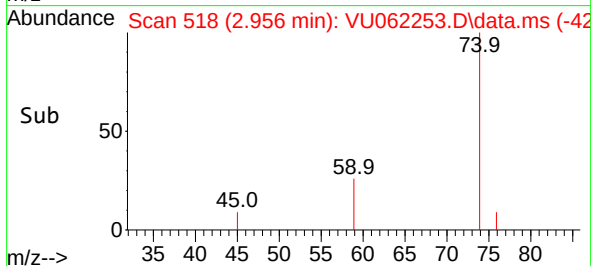


#15
Methyl Acetate
Concen: 4.936 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

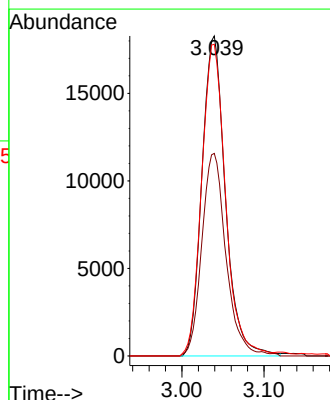
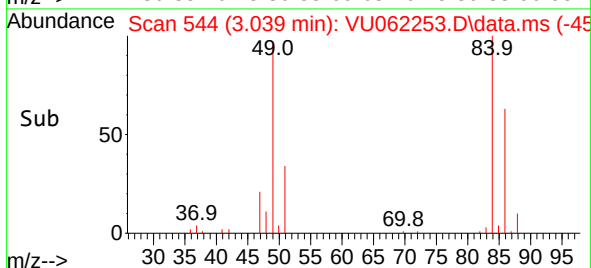
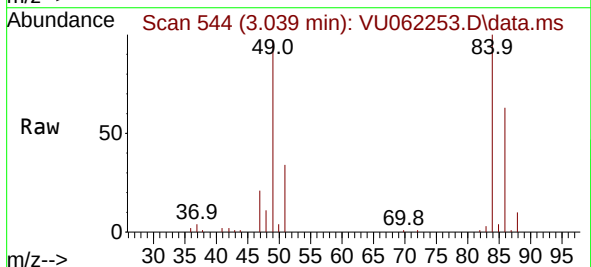


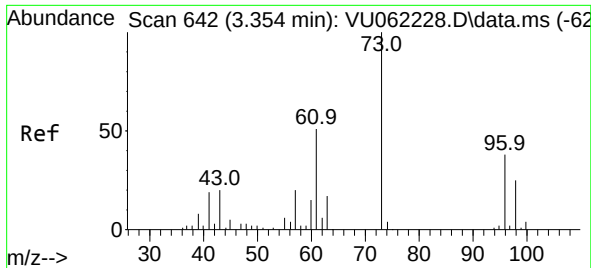
Tgt Ion: 43 Resp: 10923
Ion Ratio Lower Upper
43 100
74 29.8 19.4 29.2#



#16
Methylene chloride
Concen: 5.109 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

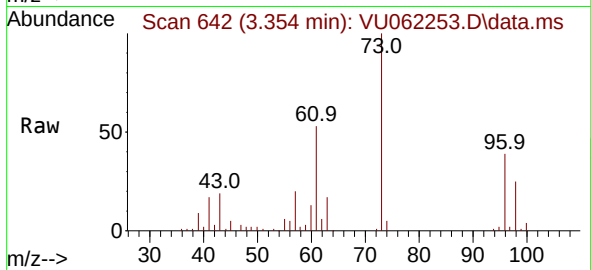
Tgt Ion: 84 Resp: 36325
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.7
49 97.4 81.9 152.1



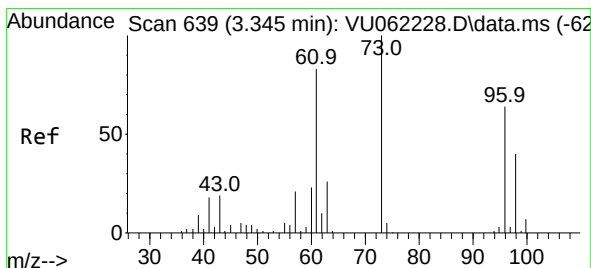
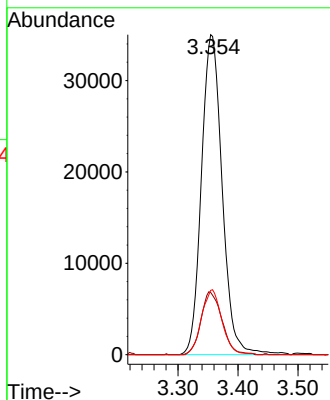
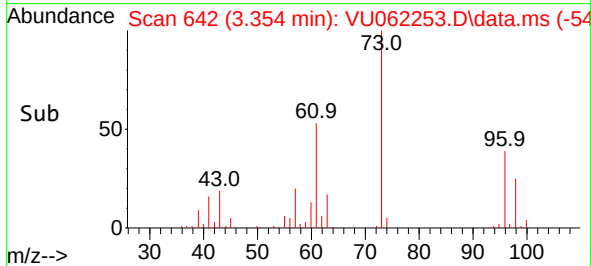


#17
Methyl tert-butyl Ether
Concen: 4.996 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

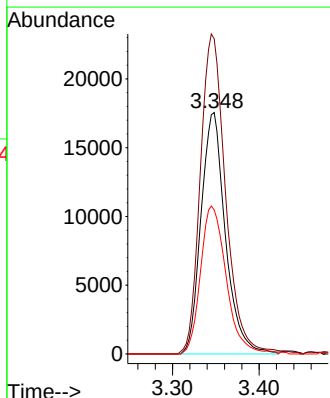
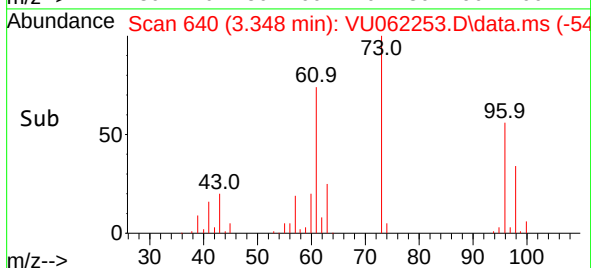
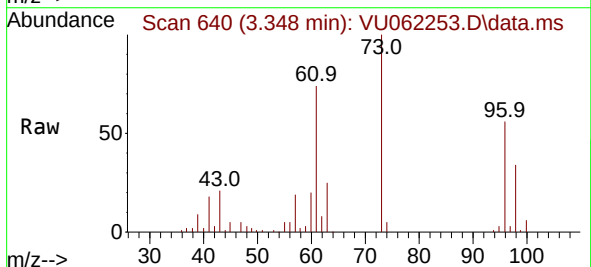


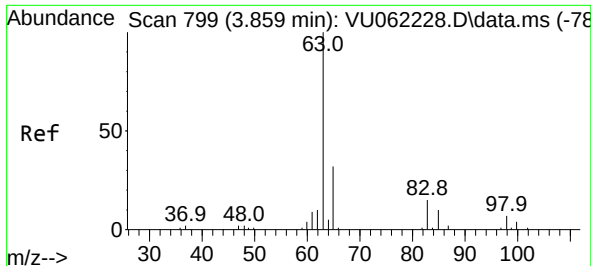
Tgt Ion: 73 Resp: 84290
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5
57 20.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.941 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

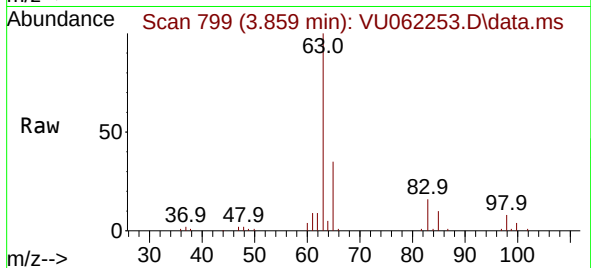
Tgt Ion: 96 Resp: 34382
Ion Ratio Lower Upper
96 100
61 130.5 104.2 193.4
98 59.7 45.7 84.9



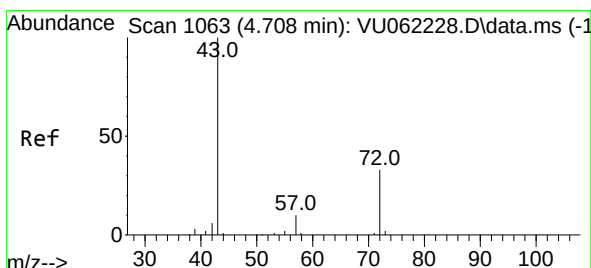
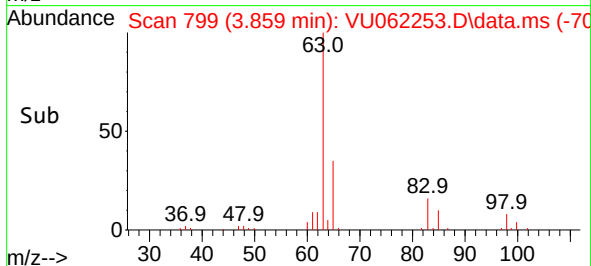
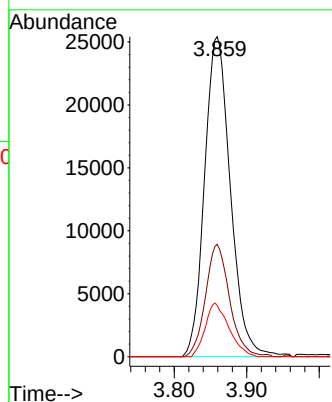


#19
1,1-Dichloroethane
Concen: 4.931 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

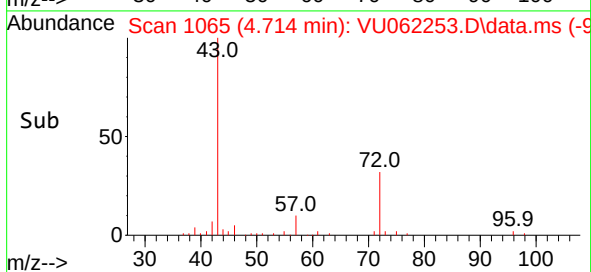
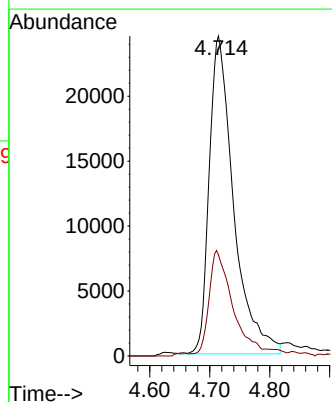
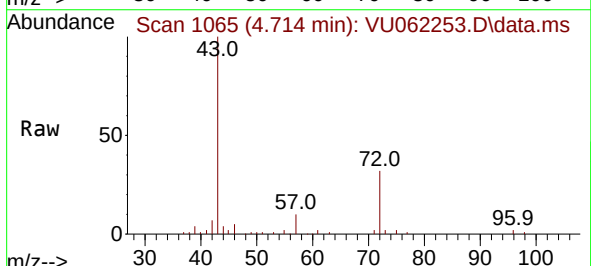


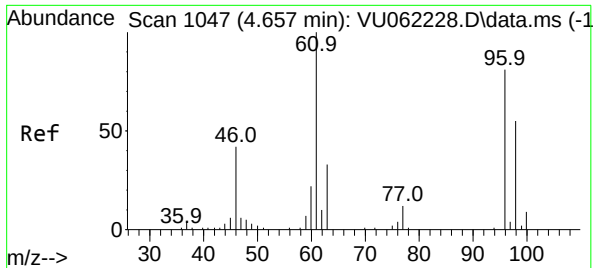
Tgt Ion:	63	Resp:	62898
Ion	Ratio	Lower	Upper
63	100		
65	35.1	22.7	42.3
83	16.0	9.9	18.3



#21
2-Butanone
Concen: 54.024 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion:	43	Resp:	69270
Ion	Ratio	Lower	Upper
43	100		
72	32.1	14.8	44.4

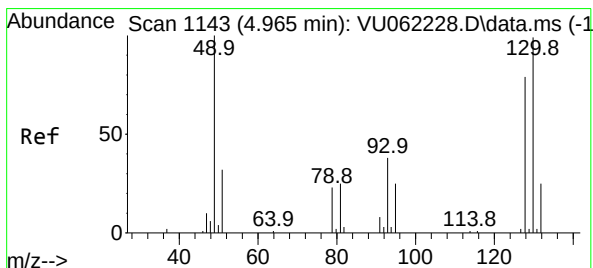
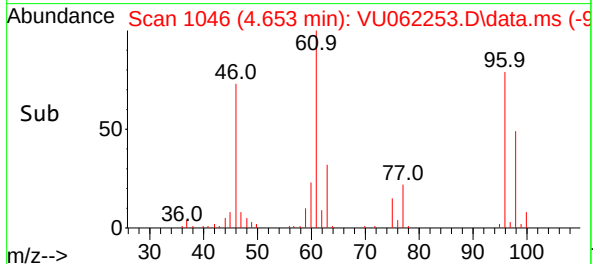
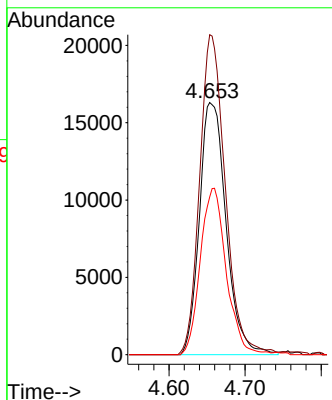
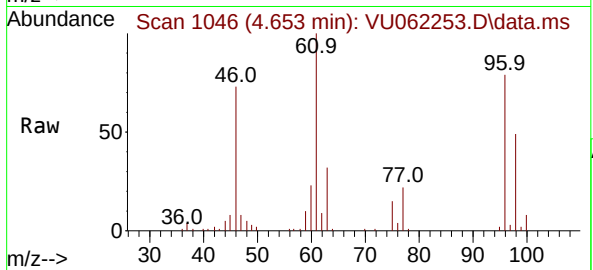




#22
 cis-1,2-Dichloroethene
 Concen: 5.098 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

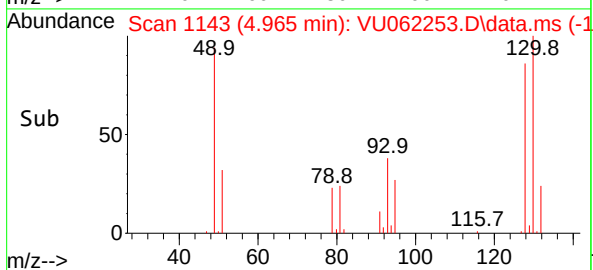
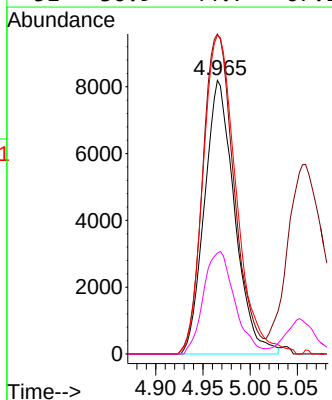
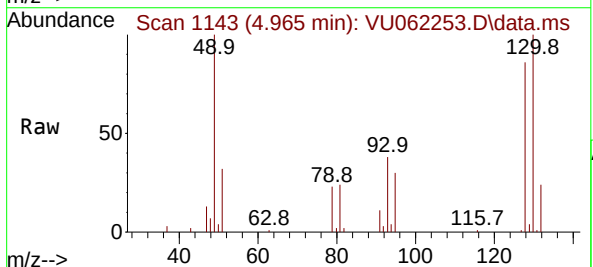
Instrument :
 MSVOA_U
 ClientSampleId :

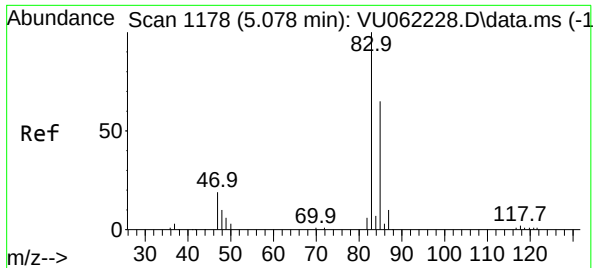
Tgt Ion: 96 Resp: 39762
 Ion Ratio Lower Upper
 96 100
 61 126.9 92.0 170.8
 98 62.6 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.303 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

Tgt Ion:128 Resp: 18132
 Ion Ratio Lower Upper
 128 100
 49 116.9 115.3 214.1
 130 116.5 92.0 170.8
 51 36.9 44.7 67.1#





#25

Chloroform

Concen: 5.165 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

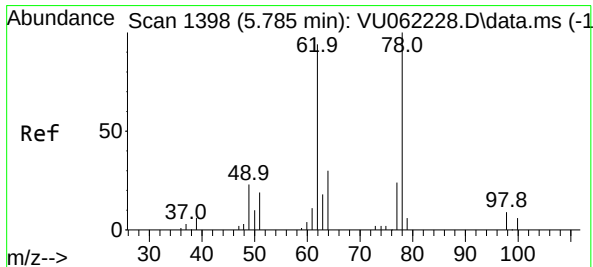
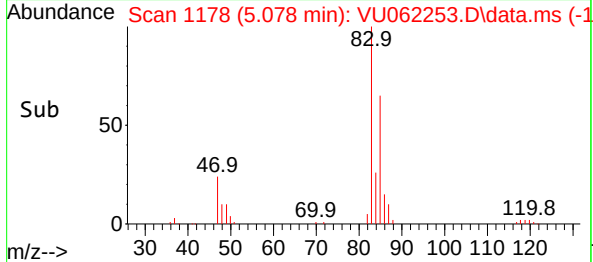
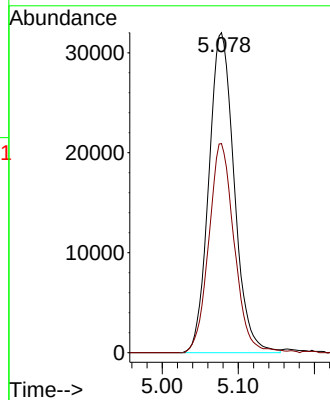
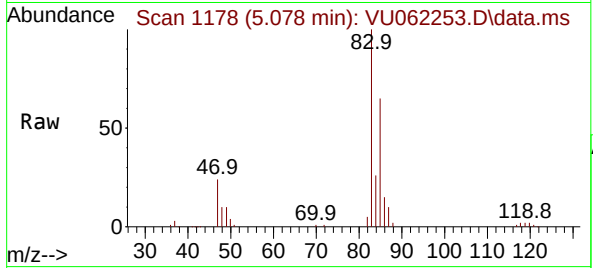
ClientSampleId :

Tgt Ion: 83 Resp: 74213

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.976 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062253.D

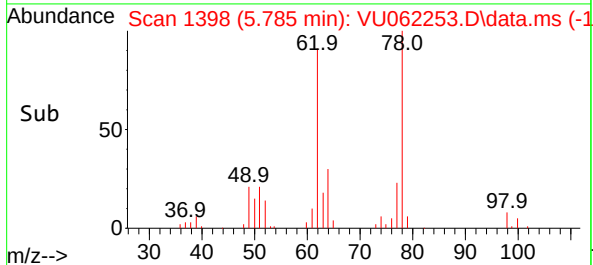
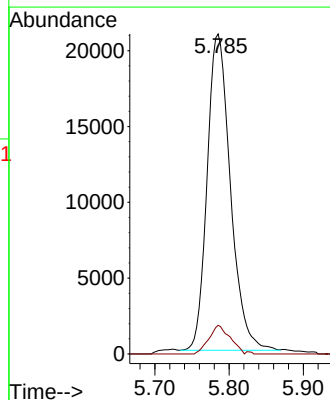
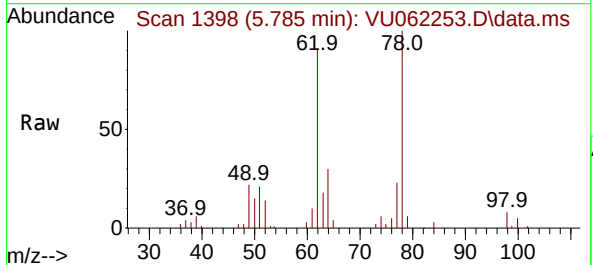
Acq: 11 Dec 2024 20:14

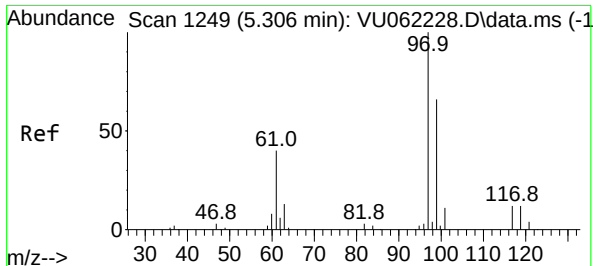
Tgt Ion: 62 Resp: 45430

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0

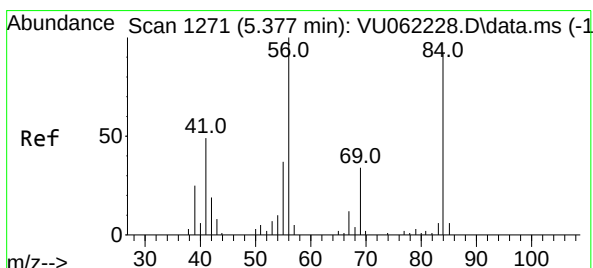
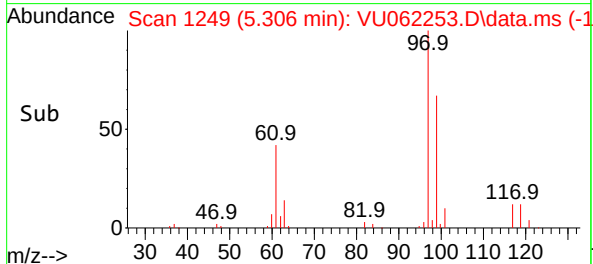
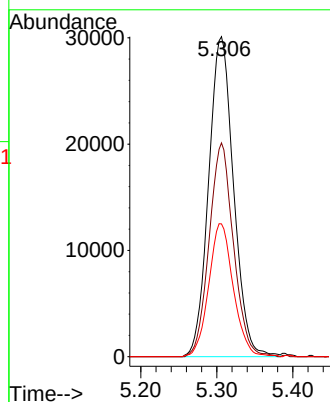
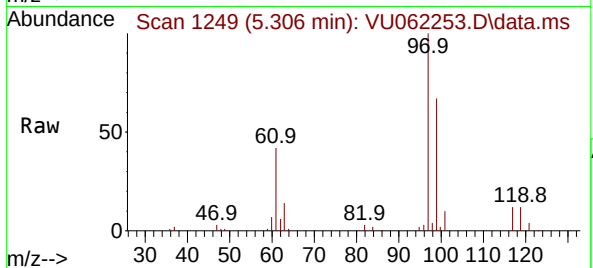




#29
 1,1,1-Trichloroethane
 Concen: 5.242 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

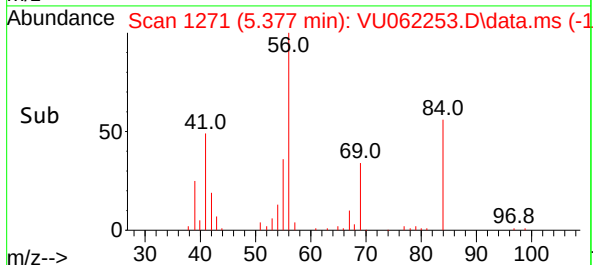
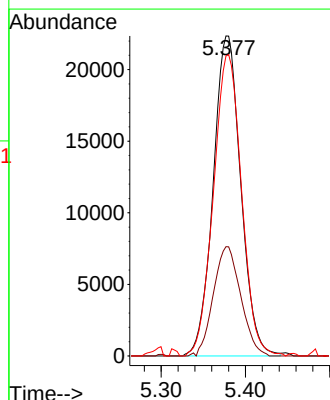
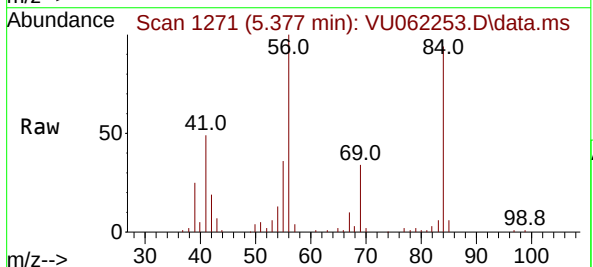
Instrument :
 MSVOA_U
 ClientSampleId :

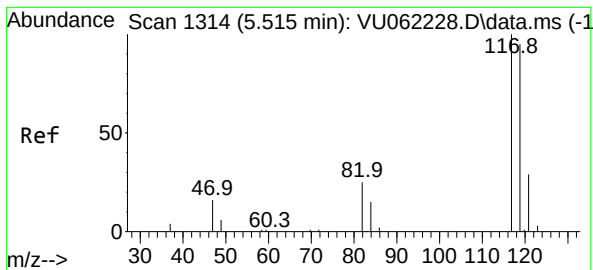
Tgt Ion: 97 Resp: 68646
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.2
 61 40.9 37.8 56.6



#30
 Cyclohexane
 Concen: 4.782 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: VU062253.D
 Acq: 11 Dec 2024 20:14

Tgt Ion: 56 Resp: 50779
 Ion Ratio Lower Upper
 56 100
 69 33.9 25.1 37.7
 84 96.1 70.6 105.8

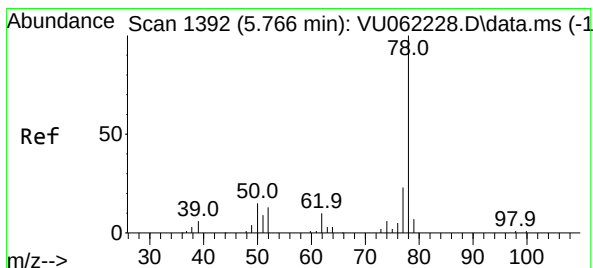
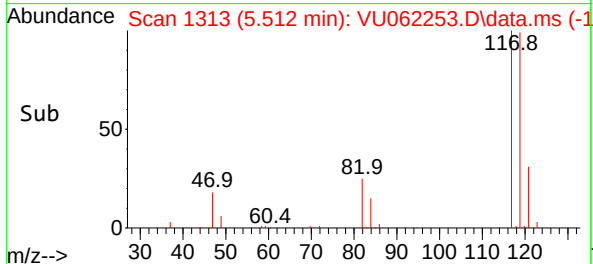
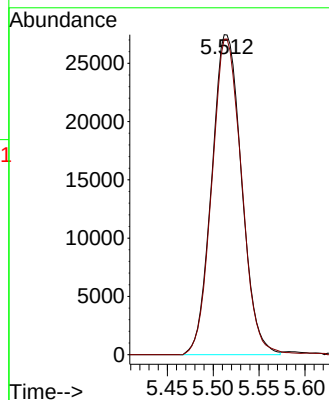
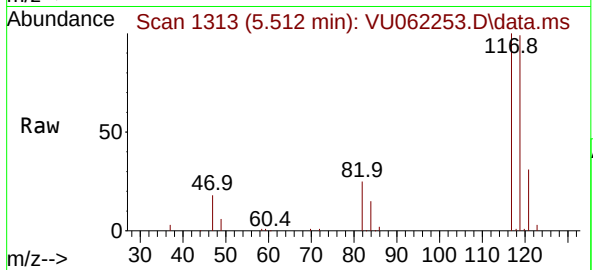




#31
Carbon tetrachloride
Concen: 5.170 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

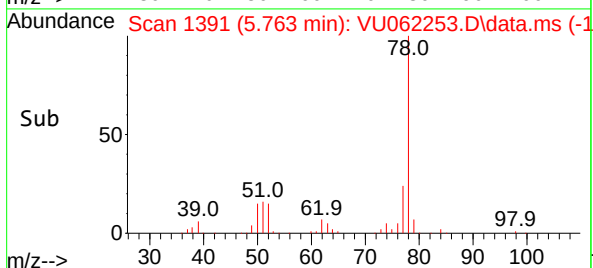
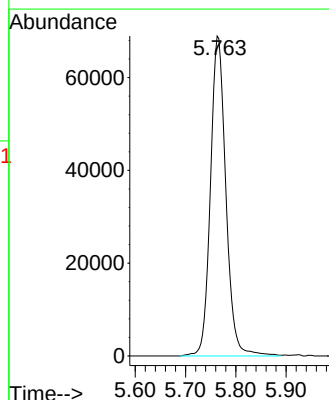
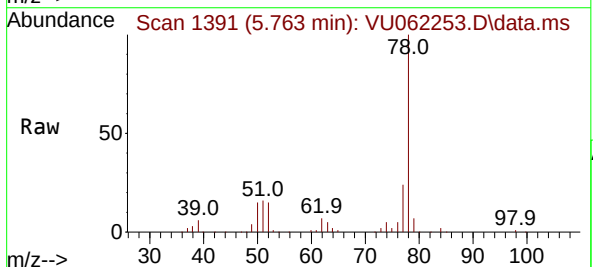
Instrument :
MSVOA_U
ClientSampleId :

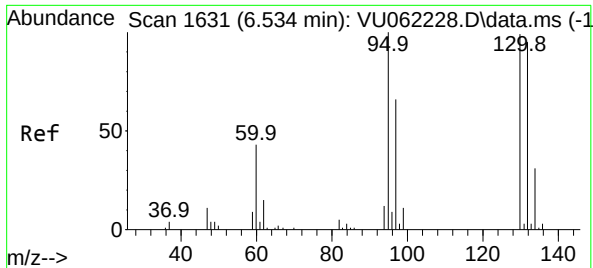
Tgt Ion:117 Resp: 62078
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3



#33
Benzene
Concen: 5.096 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 78 Resp: 147004

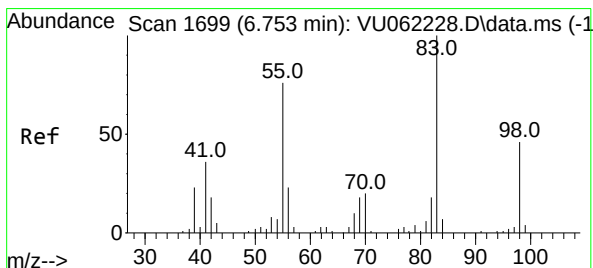
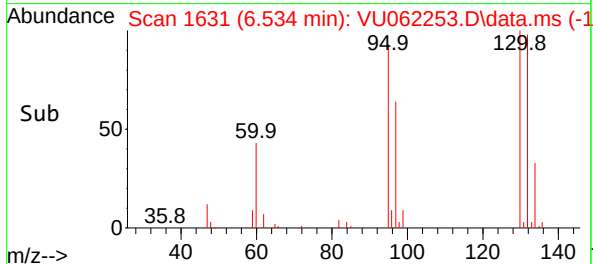
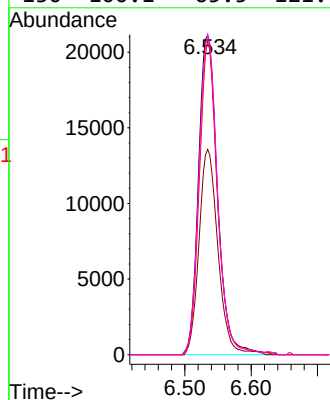
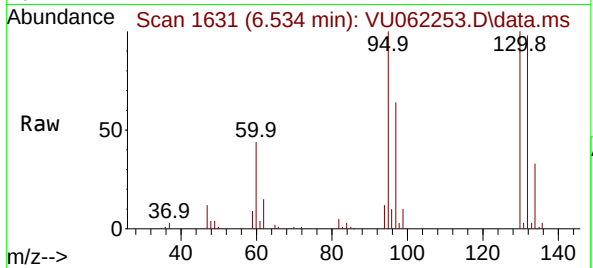




#34
Trichloroethene
Concen: 5.161 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

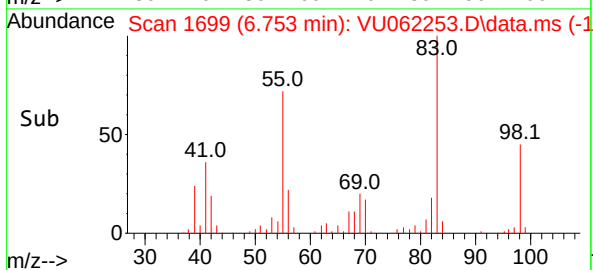
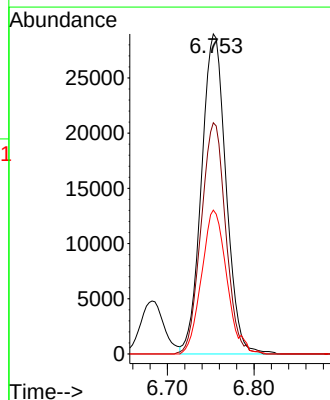
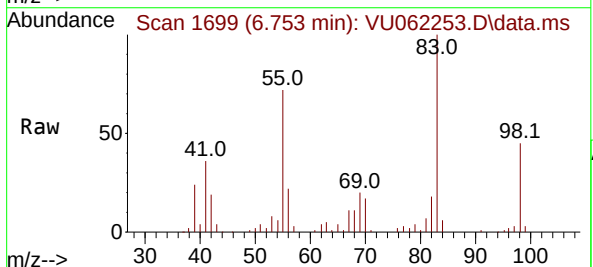
Instrument :
MSVOA_U
ClientSampleId :

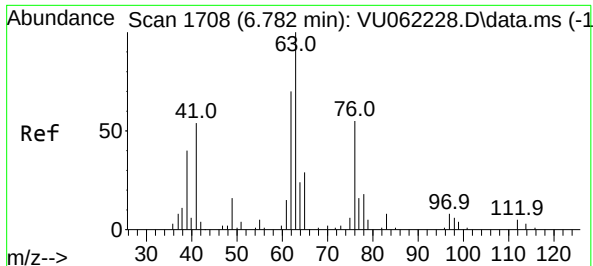
Tgt Ion: 95 Resp: 42177
Ion Ratio Lower Upper
95 100
97 64.2 45.9 85.3
132 98.0 63.8 118.4
130 100.1 65.5 121.7



#35
Methylcyclohexane
Concen: 4.714 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 83 Resp: 57110
Ion Ratio Lower Upper
83 100
55 72.2 60.7 91.1
98 46.2 34.8 52.2

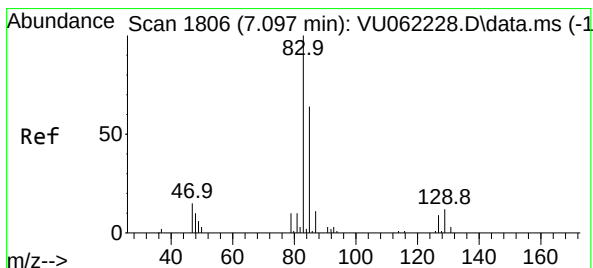
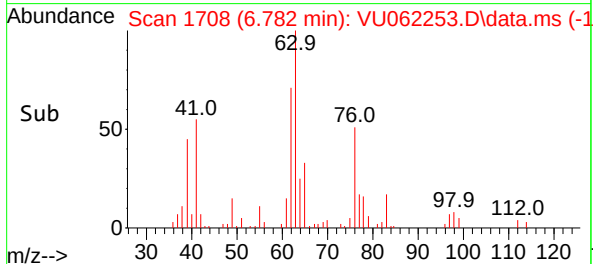
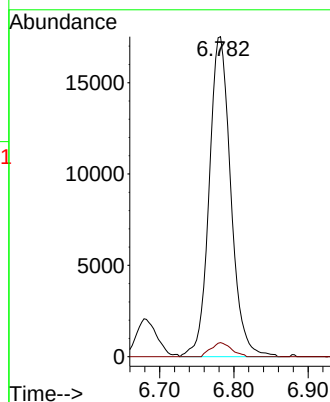
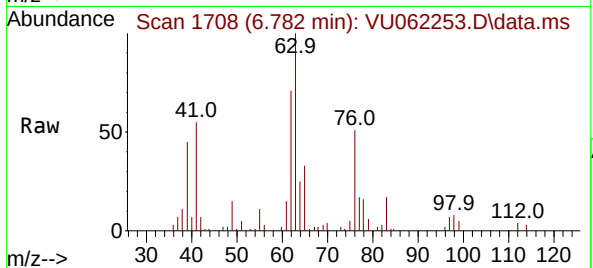




#37
1,2-Dichloropropane
Concen: 5.046 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

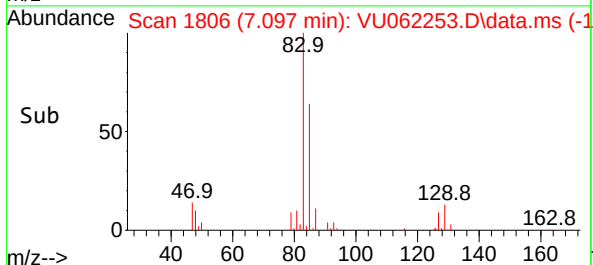
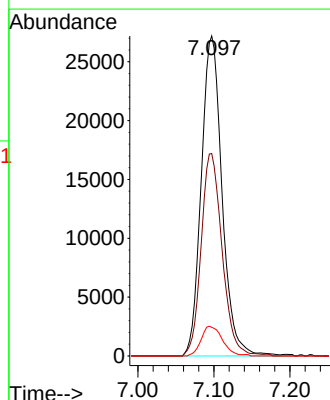
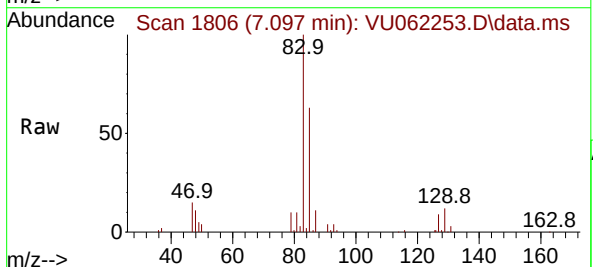
Instrument :
MSVOA_U
ClientSampleId :

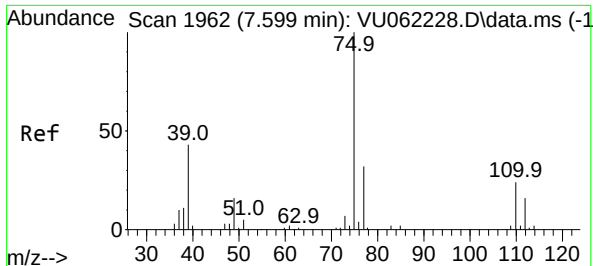
Tgt Ion: 63 Resp: 35447
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 5.208 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 83 Resp: 51623
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.872 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

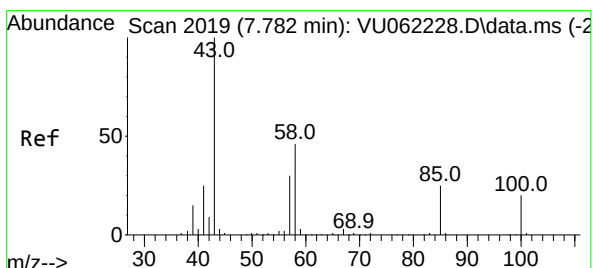
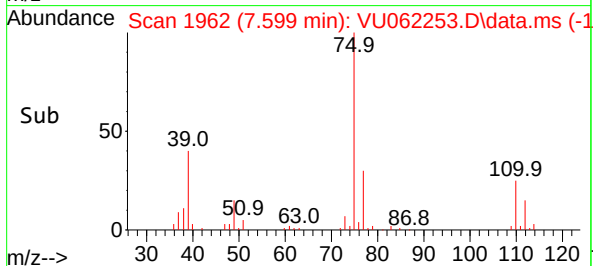
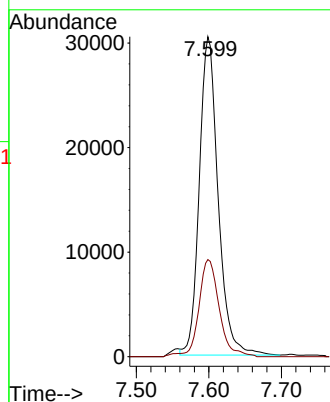
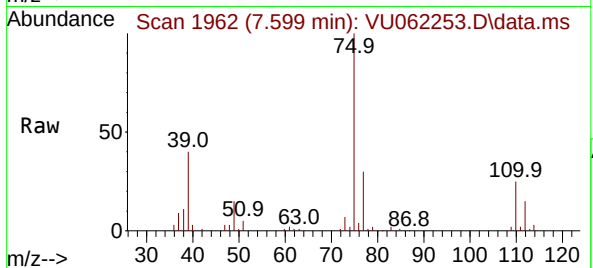
ClientSampleId :

Tgt Ion: 75 Resp: 54862

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 52.525 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

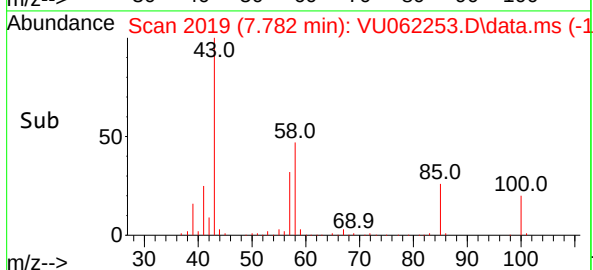
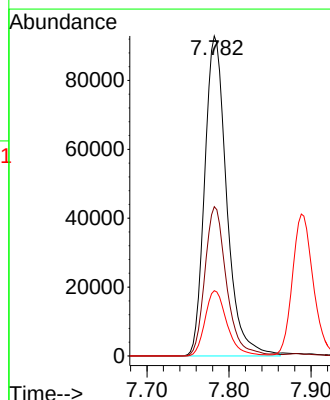
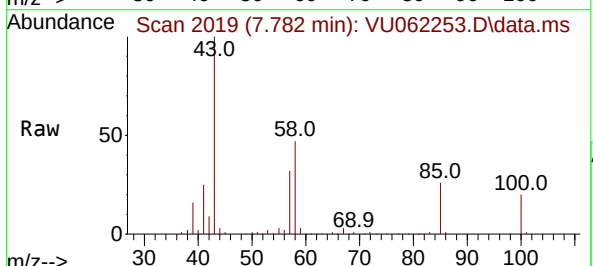
Tgt Ion: 43 Resp: 172943

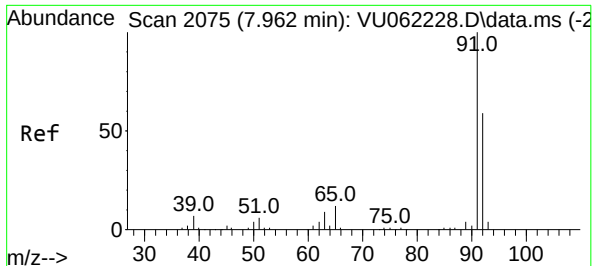
Ion Ratio Lower Upper

43 100

58 46.2 33.3 49.9

100 20.4 12.4 18.6#





#42

Toluene

Concen: 5.163 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

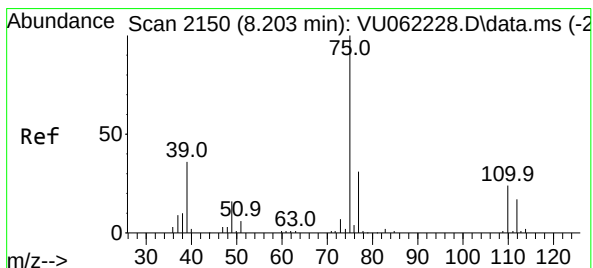
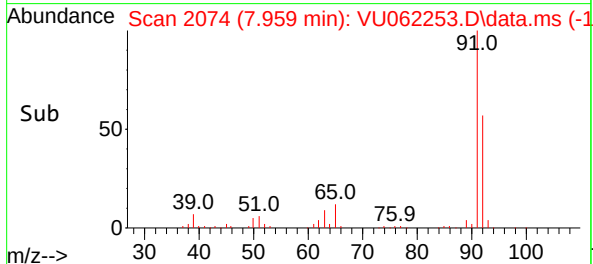
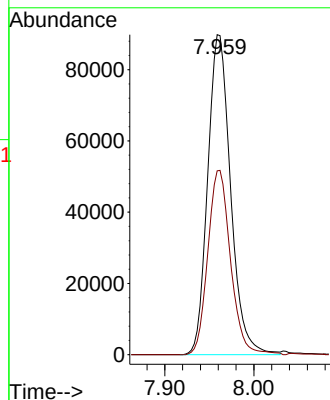
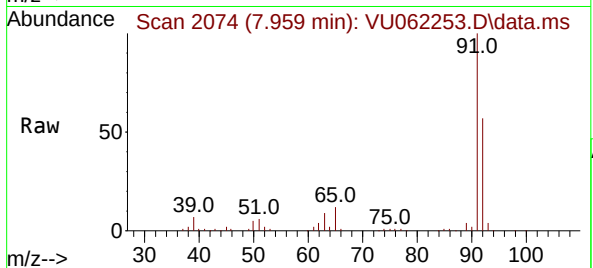
ClientSampleId :

Tgt Ion: 91 Resp: 160604

Ion Ratio Lower Upper

91 100

92 57.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.185 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062253.D

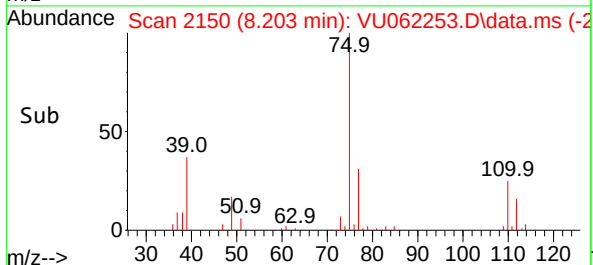
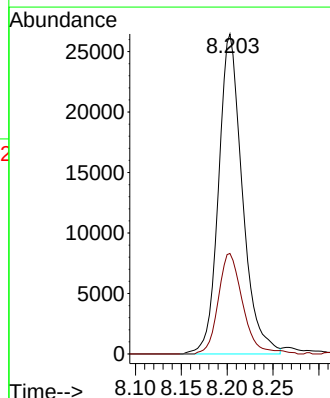
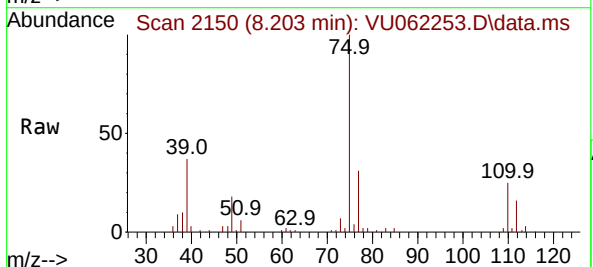
Acq: 11 Dec 2024 20:14

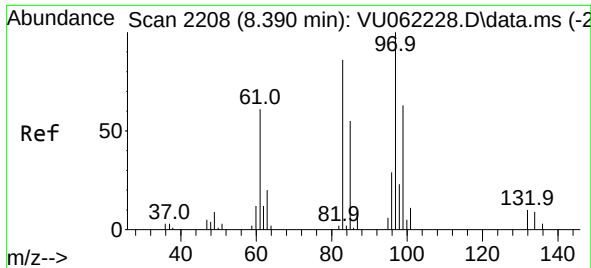
Tgt Ion: 75 Resp: 47680

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



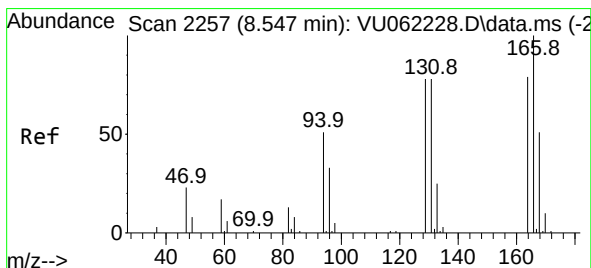
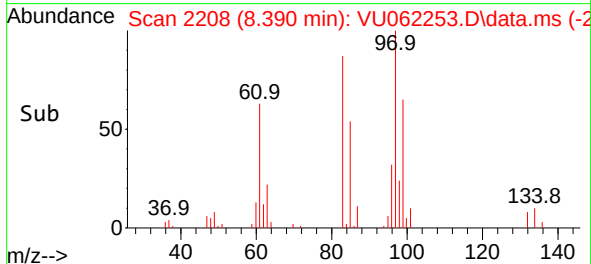
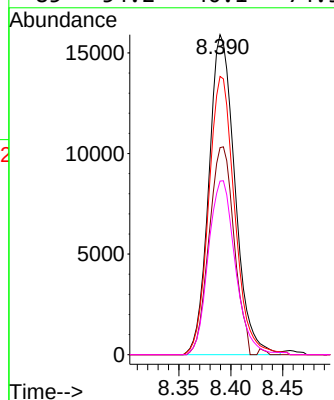
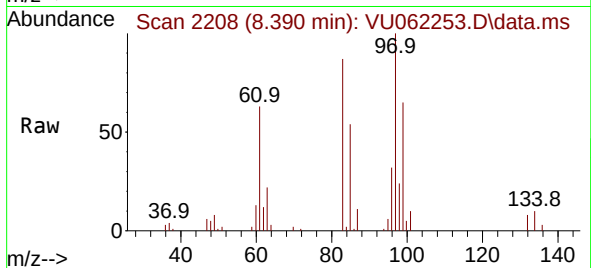


#45
1,1,2-Trichloroethane
Concen: 5.240 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27794

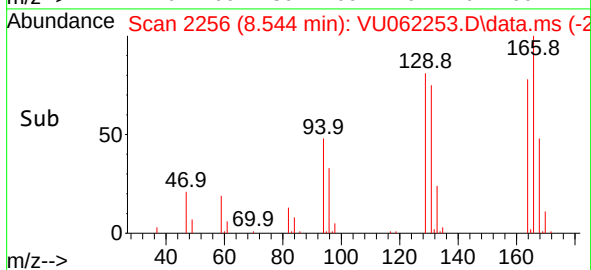
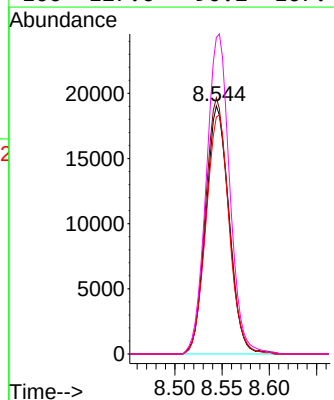
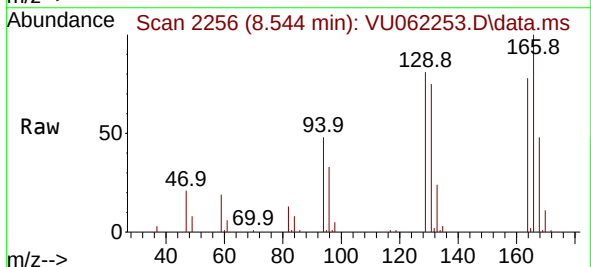
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.0	79.8
83	86.9	61.7	114.5
85	54.2	40.1	74.5

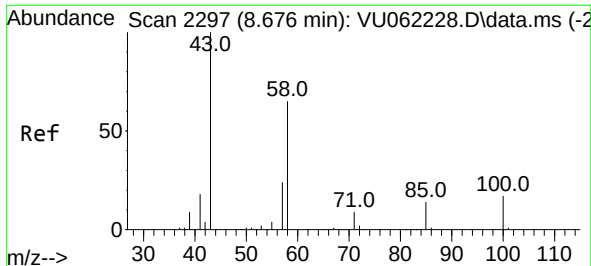


#47
Tetrachloroethene
Concen: 5.164 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 164 Resp: 32585

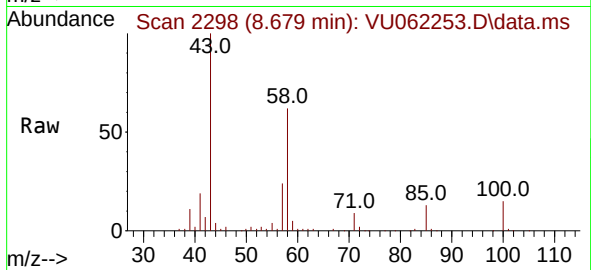
Ion	Ratio	Lower	Upper
164	100		
129	103.3	73.2	136.0
131	95.5	72.3	134.3
166	127.6	90.2	167.4



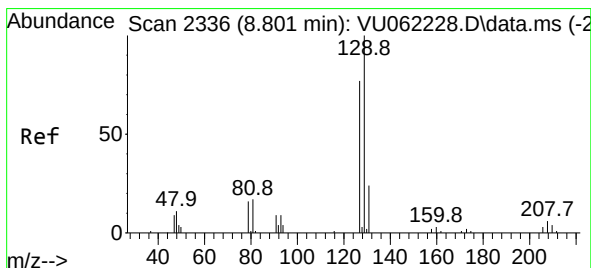
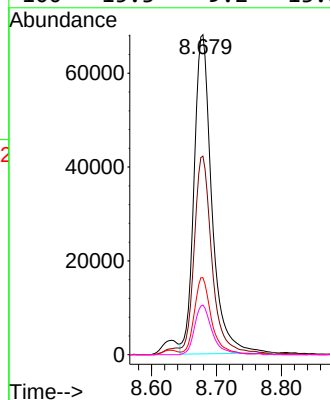
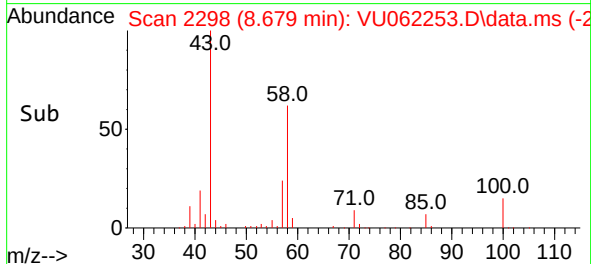


#48
2-Hexanone
Concen: 53.594 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :

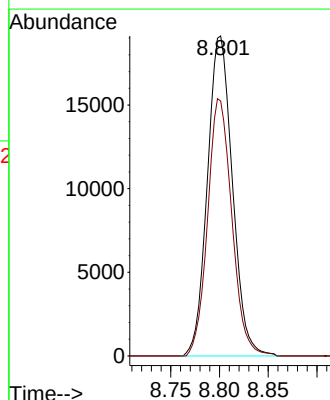
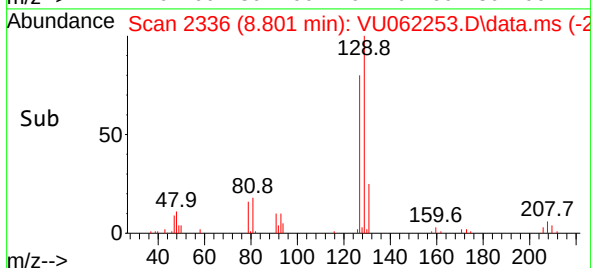
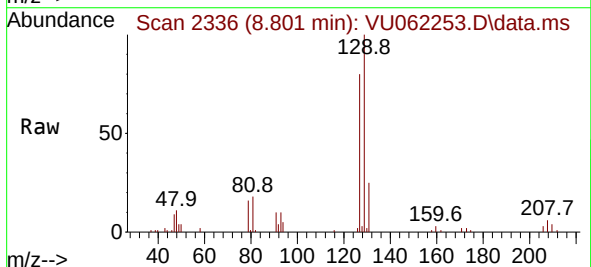


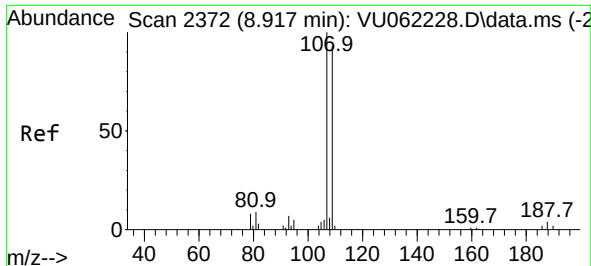
Tgt Ion: 43 Resp: 130412
Ion Ratio Lower Upper
43 100
58 64.2 47.5 71.3
57 22.7 15.6 23.4
100 15.3 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.336 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 129 Resp: 34191
Ion Ratio Lower Upper
129 100
127 79.7 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.314 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

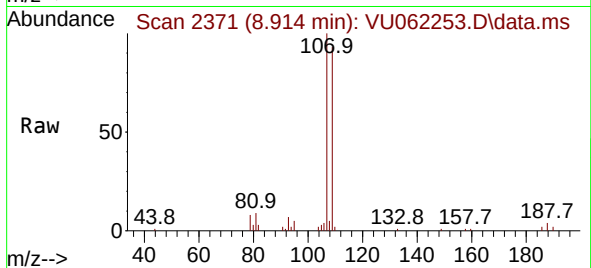
Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :



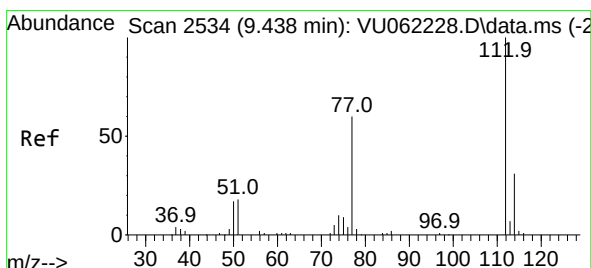
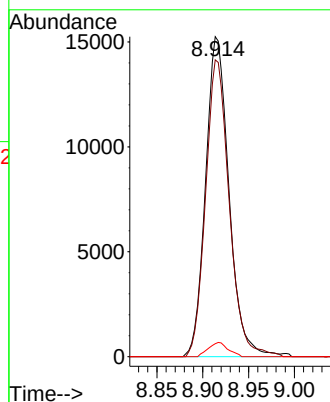
Tgt Ion:107 Resp: 27081

Ion Ratio Lower Upper

107 100

109 92.8 66.8 124.2

188 4.1 2.3 3.5#



#51

Chlorobenzene

Concen: 5.190 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

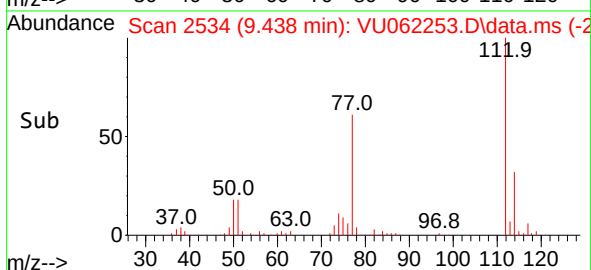
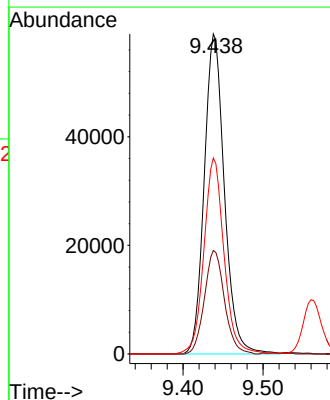
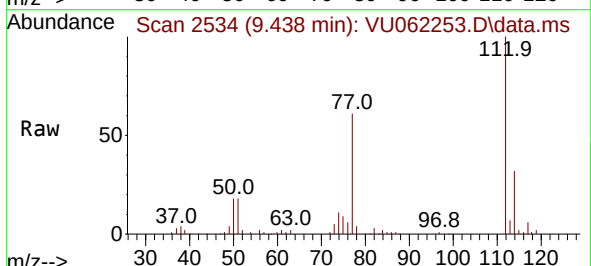
Tgt Ion:112 Resp: 103457

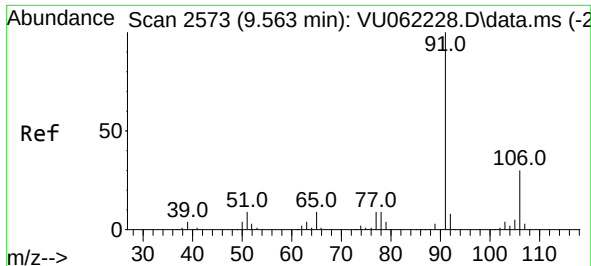
Ion Ratio Lower Upper

112 100

114 32.3 23.0 42.6

77 61.2 50.5 75.7

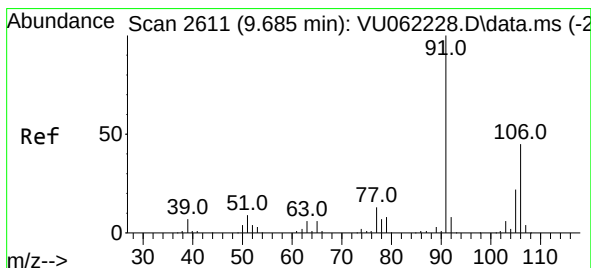
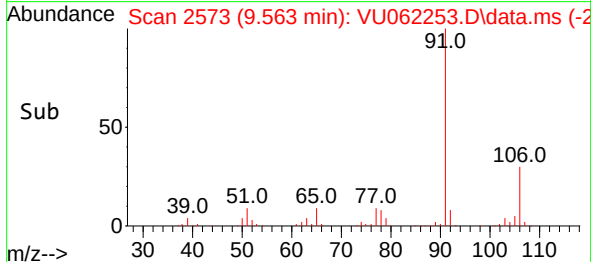
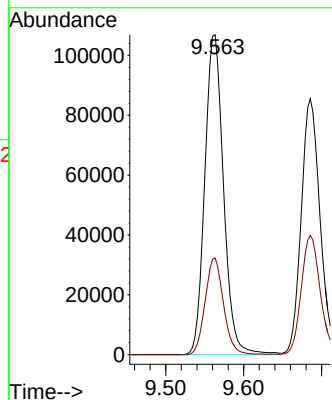
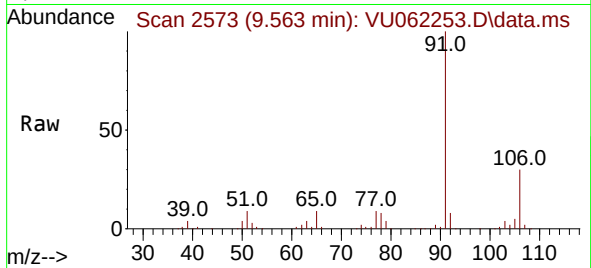




#52
Ethylbenzene
Concen: 5.129 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

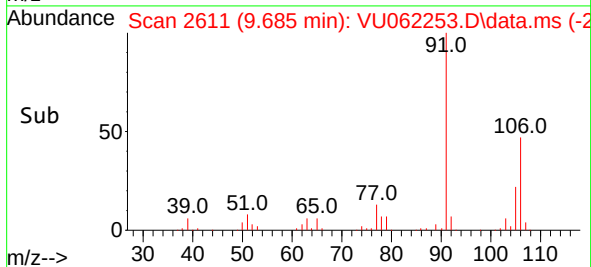
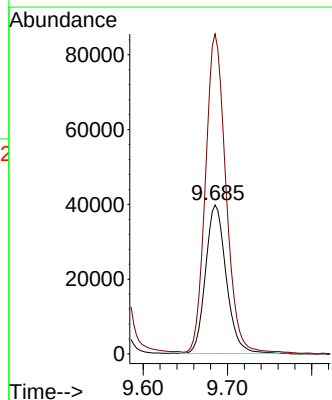
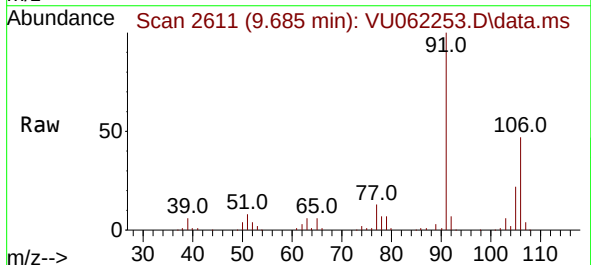
Instrument :
MSVOA_U
ClientSampleId :

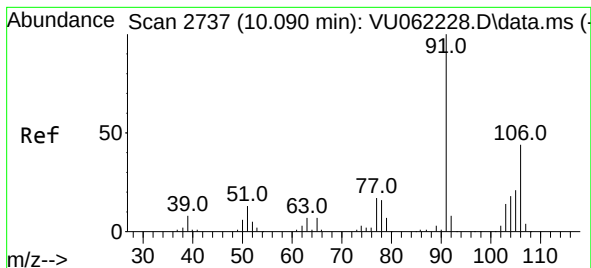
Tgt Ion: 91 Resp: 178873
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.277 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion: 106 Resp: 67949
Ion Ratio Lower Upper
106 100
91 214.8 147.6 274.0





#54

o-Xylene

Concen: 5.219 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

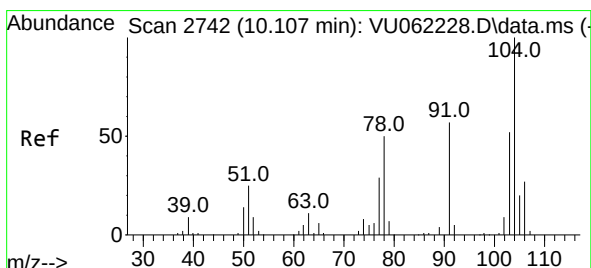
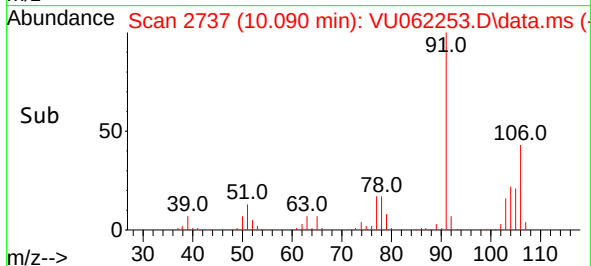
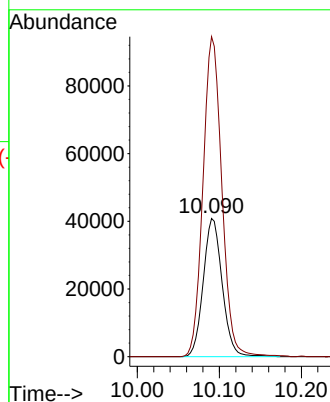
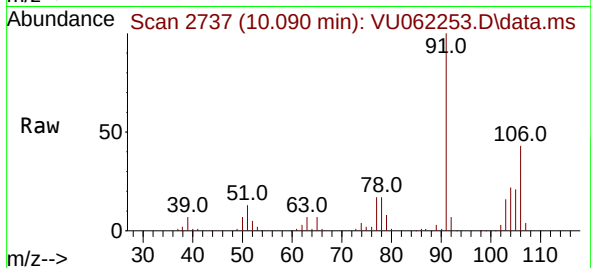
ClientSampleId :

Tgt Ion:106 Resp: 65366

Ion Ratio Lower Upper

106 100

91 231.4 159.8 296.8



#55

Styrene

Concen: 5.343 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU062253.D

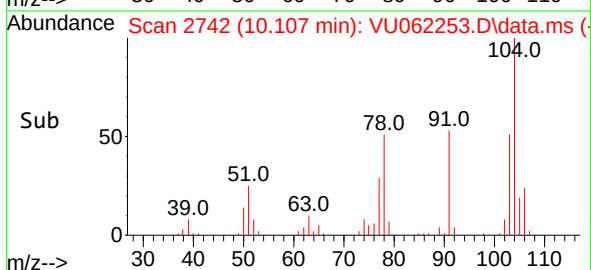
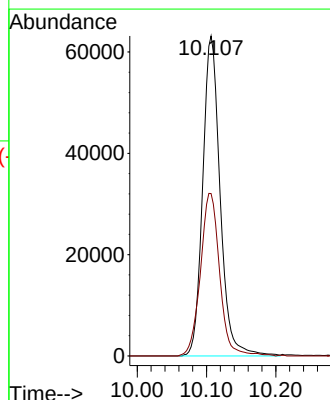
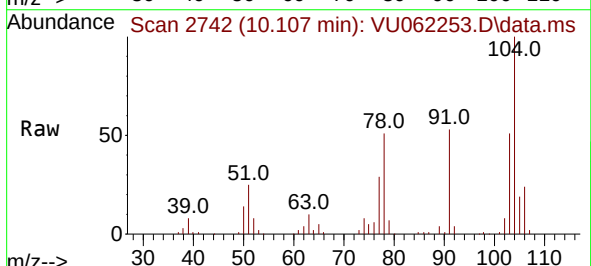
Acq: 11 Dec 2024 20:14

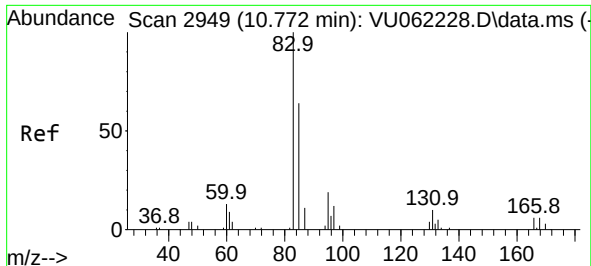
Tgt Ion:104 Resp: 110307

Ion Ratio Lower Upper

104 100

78 50.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.233 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

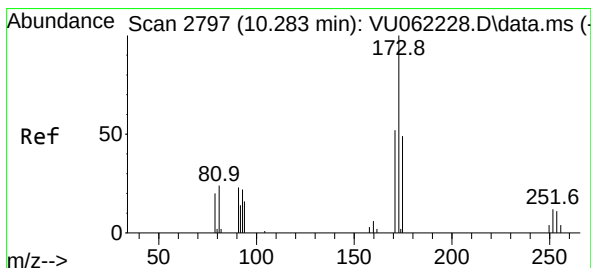
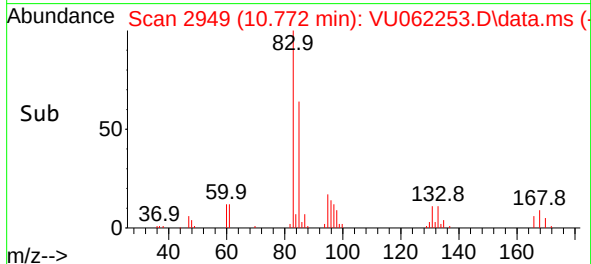
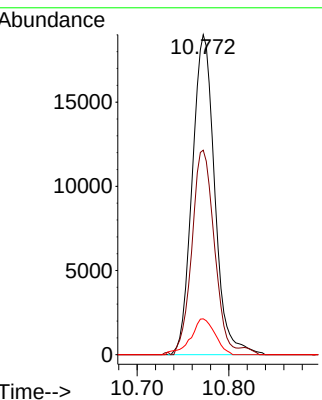
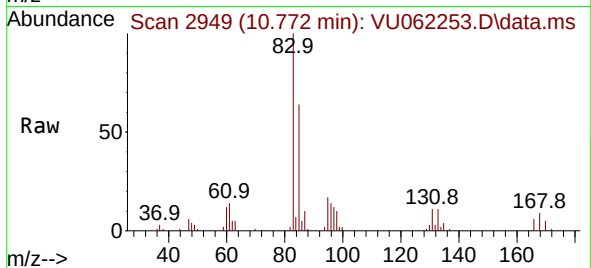
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83 Resp: 32299

Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	11.2	7.3	10.9



#59

Bromoform

Concen: 5.311 ug/L

RT: 10.283 min Scan# 2797

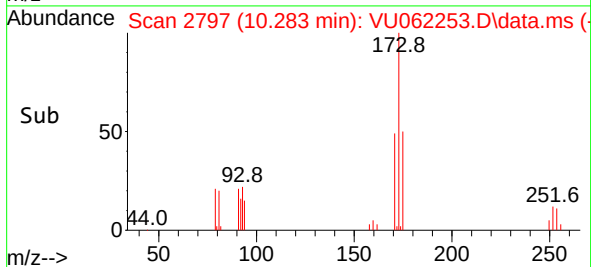
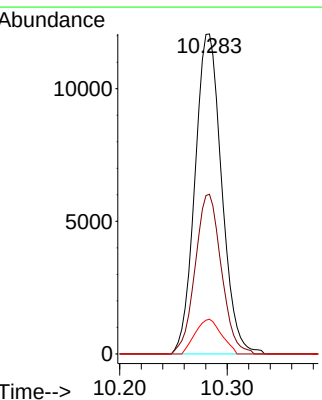
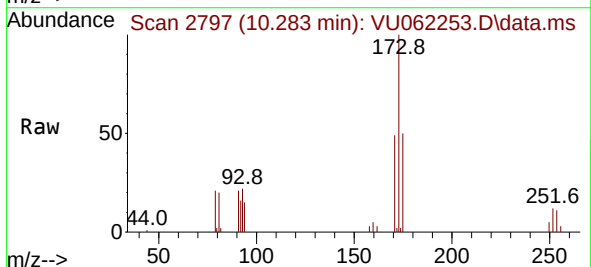
Delta R.T. 0.000 min

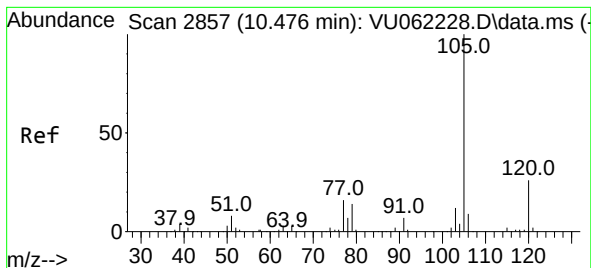
Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Tgt Ion:173 Resp: 20810

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	10.6	7.4	11.0





#60

Isopropylbenzene

Concen: 4.996 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

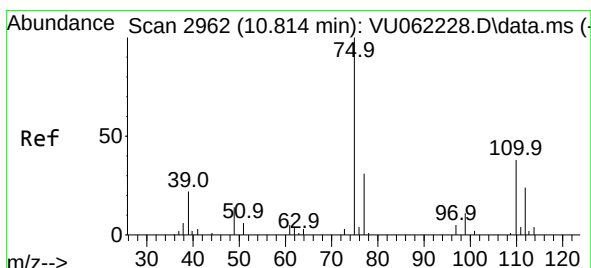
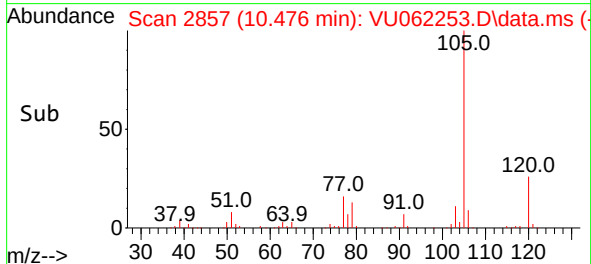
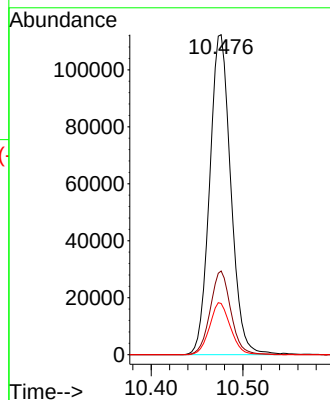
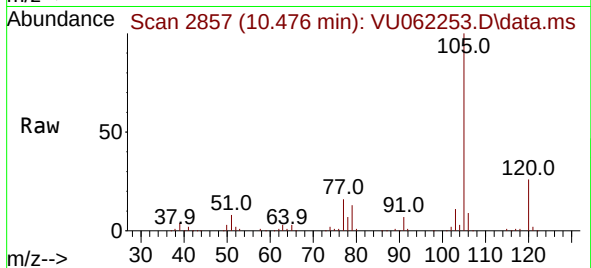
Tgt Ion:105 Resp: 179973

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.157 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

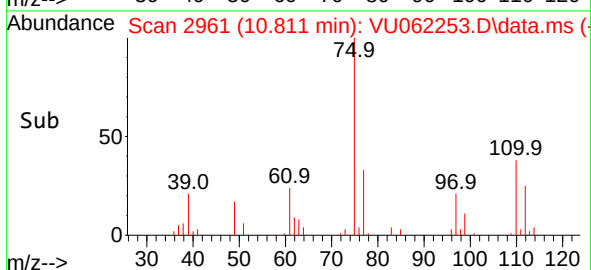
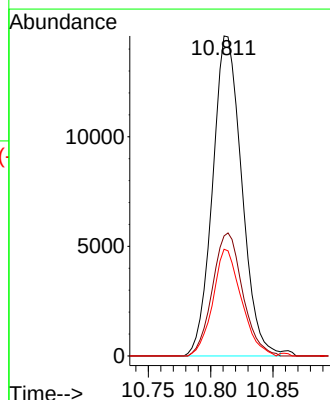
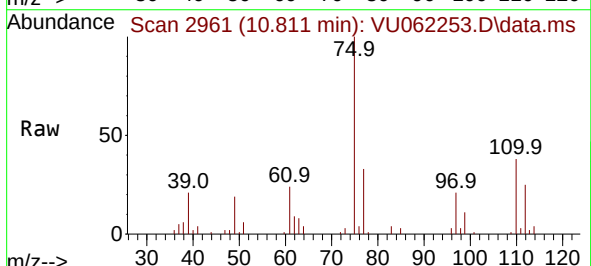
Tgt Ion: 75 Resp: 23778

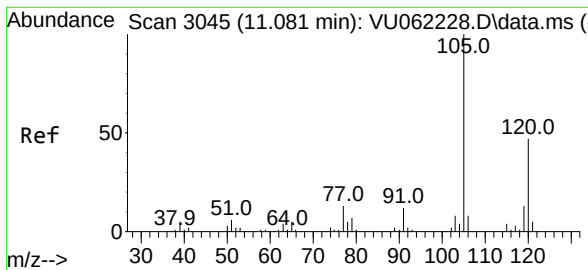
Ion Ratio Lower Upper

75 100

110 39.8 28.9 43.3

77 32.7 26.5 39.7

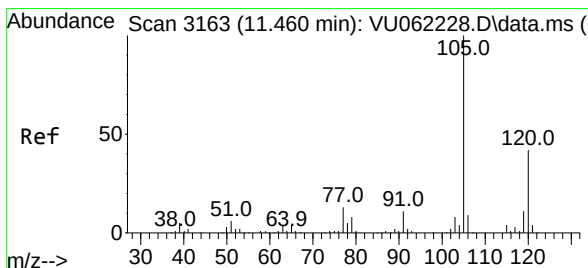
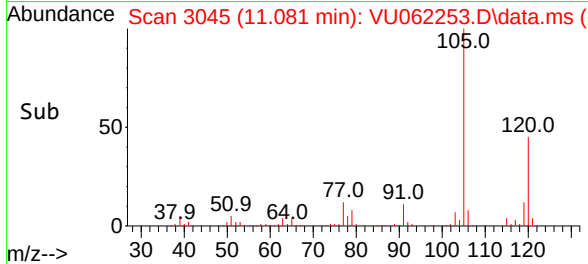
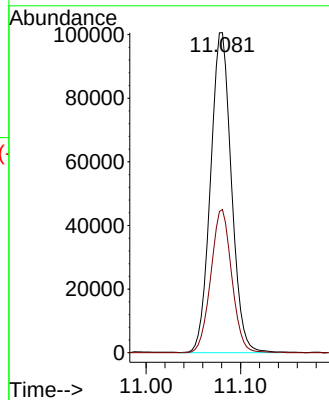
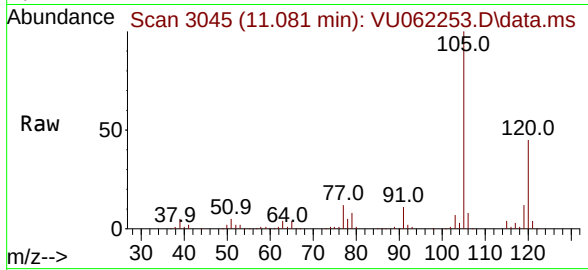




#62
1,3,5-Trimethylbenzene
Concen: 5.070 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

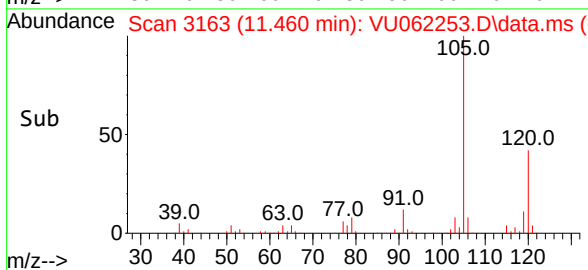
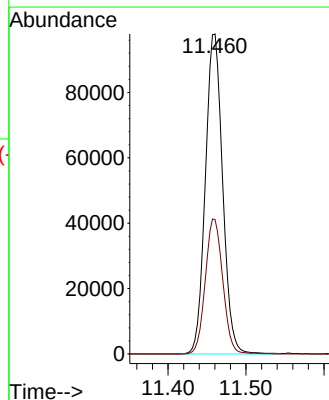
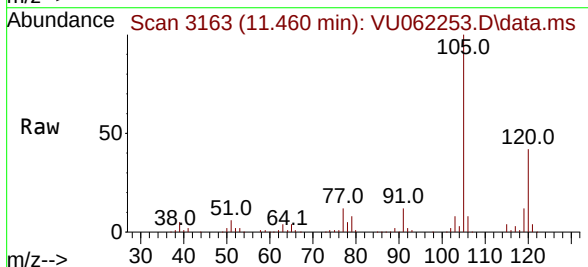
Instrument :
MSVOA_U
ClientSampleId :

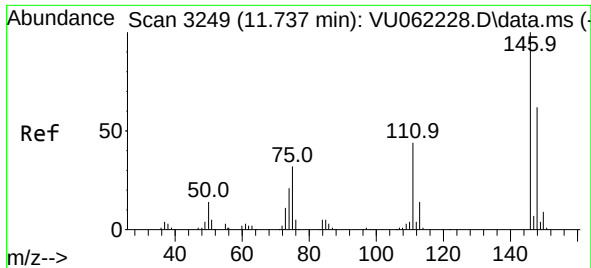
Tgt Ion:105 Resp: 154558
Ion Ratio Lower Upper
105 100
120 44.7 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 5.059 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

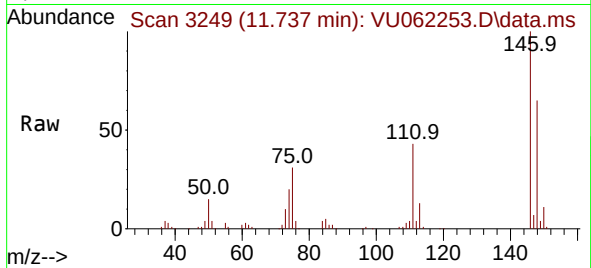
Tgt Ion:105 Resp: 151091
Ion Ratio Lower Upper
105 100
120 42.6 34.7 52.1



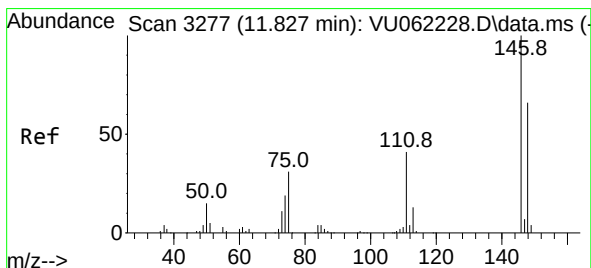
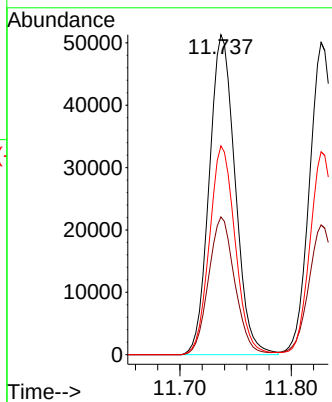
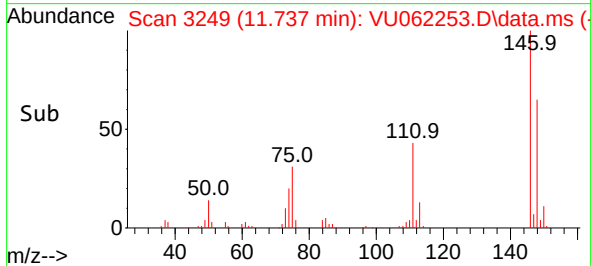


#64
1,3-Dichlorobenzene
Concen: 5.010 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

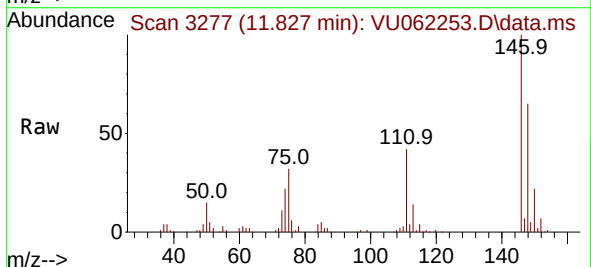
Instrument :
MSVOA_U
ClientSampleId :



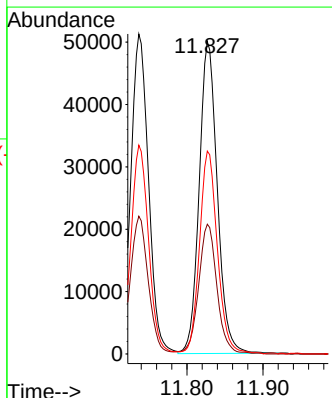
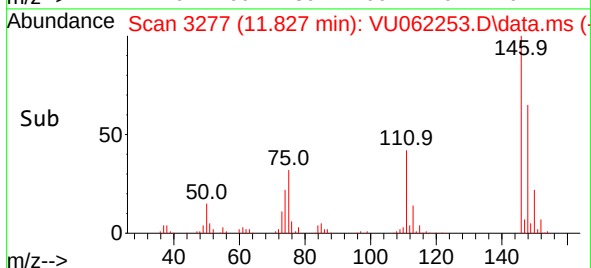
Tgt Ion:146 Resp: 82902
Ion Ratio Lower Upper
146 100
111 43.0 30.7 57.1
148 65.2 45.1 83.7

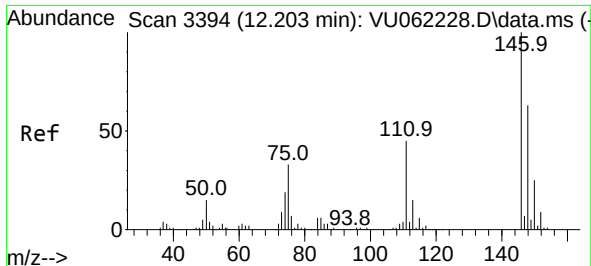


#65
1,4-Dichlorobenzene
Concen: 4.970 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14



Tgt Ion:146 Resp: 82806
Ion Ratio Lower Upper
146 100
111 41.6 29.3 54.3
148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.116 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

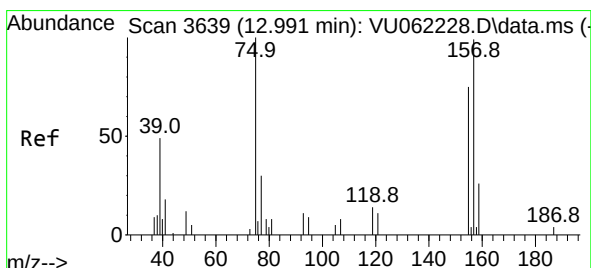
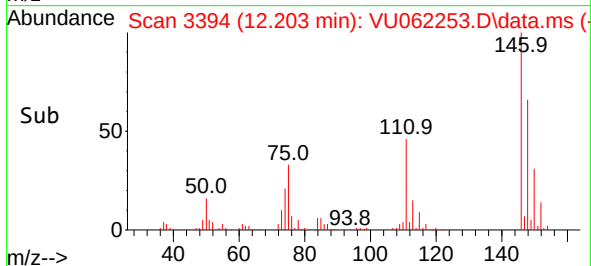
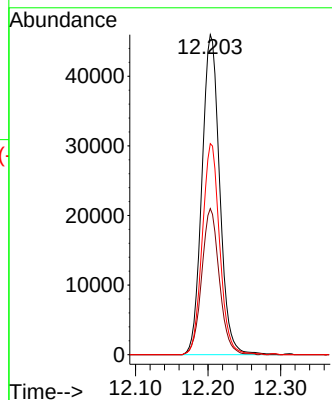
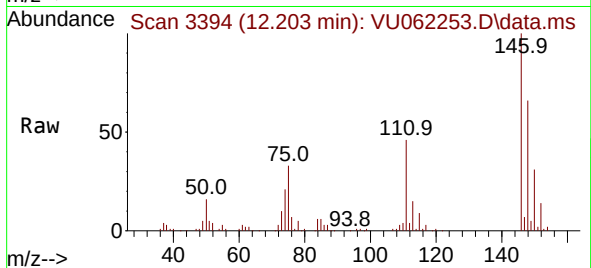
Tgt Ion:146 Resp: 78219

Ion Ratio Lower Upper

146 100

111 45.7 36.0 54.0

148 66.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.441 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

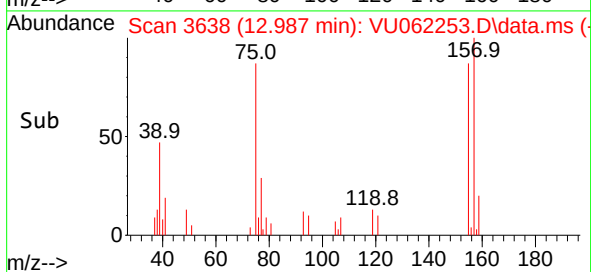
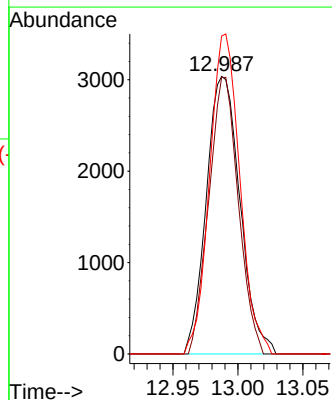
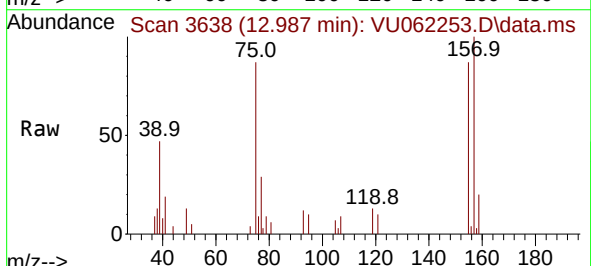
Tgt Ion: 75 Resp: 5472

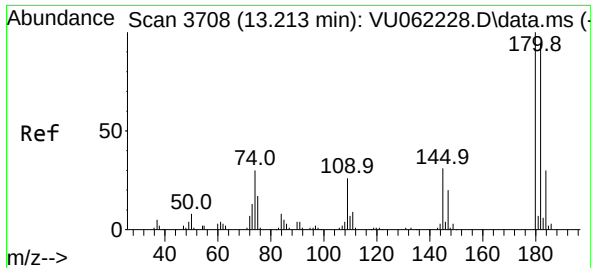
Ion Ratio Lower Upper

75 100

155 99.6 55.2 82.8#

157 114.5 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 5.036 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 61939

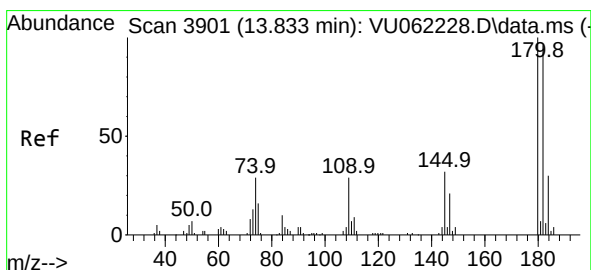
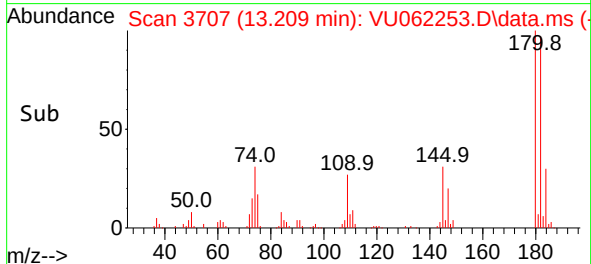
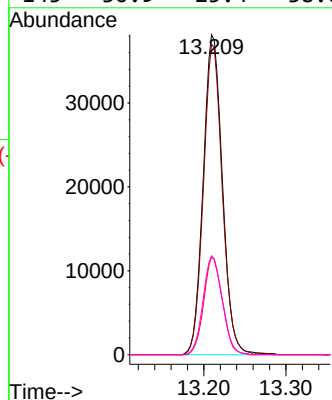
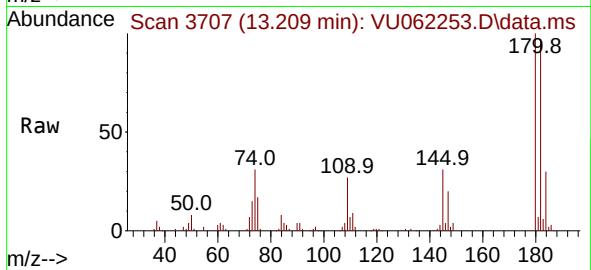
Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

184 29.6 24.8 37.2

145 30.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.044 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062253.D

Acq: 11 Dec 2024 20:14

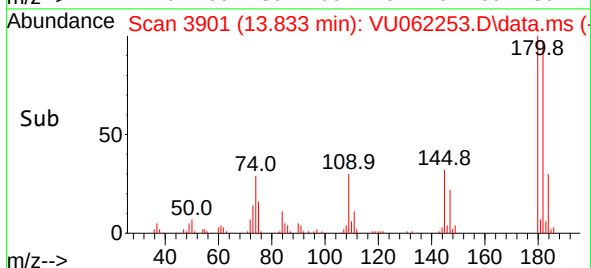
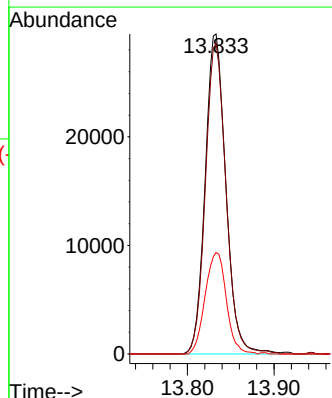
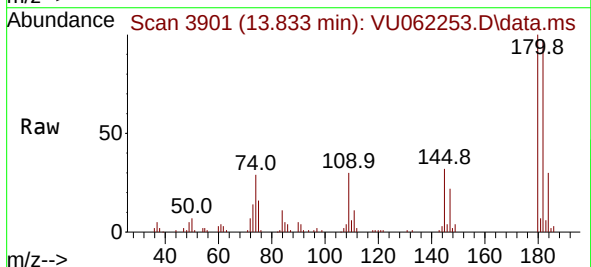
Tgt Ion:180 Resp: 48981

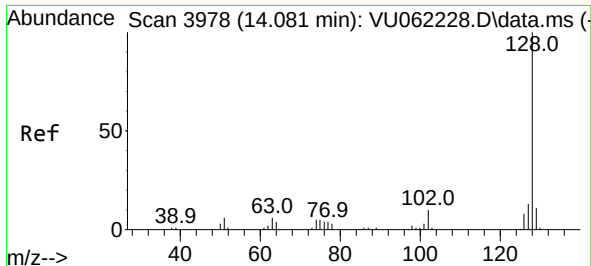
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

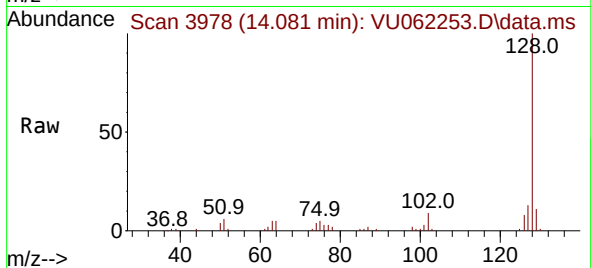
145 32.4 25.6 38.4



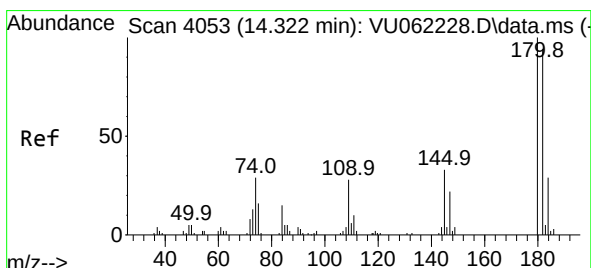
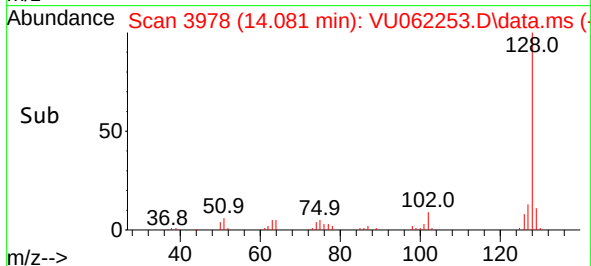
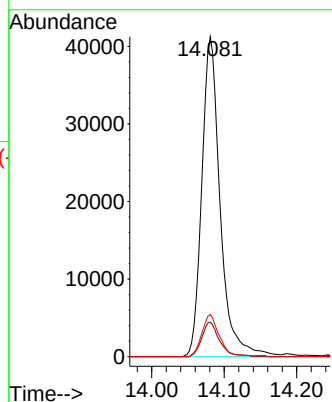


#71
Naphthalene
Concen: 4.972 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 72496
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.993 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062253.D
Acq: 11 Dec 2024 20:14

Tgt Ion:180 Resp: 42759
Ion Ratio Lower Upper
180 100
182 96.7 76.1 114.1
145 34.4 27.4 41.0

