

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062488.D
 Acq On : 19 Dec 2024 20:27
 Operator : MD/SY
 Sample : P5305-10MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:42:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	104693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	51930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26490	3.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.907	69	20814	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	65	13559	4.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.621	46	54400	40.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.400%
24) Chloroform-d	5.052	84	67444	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	36287	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.718	84	116805	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.679	67	32579	4.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.888	98	115210	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	15215	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.624	63	41490	38.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26565	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	43189	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38630	3.939	ug/L	100
3) Chloromethane	1.515	50	26282	3.419	ug/L	96
5) Vinyl chloride	1.599	62	30803	3.849	ug/L	100
6) Bromomethane	1.853	94	22066	4.136	ug/L	100
8) Chloroethane	1.927	64	17575	3.921	ug/L	99
9) Trichlorofluoromethane	2.132	101	64083	4.613	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30451	4.027	ug/L	91
12) 1,1-Dichloroethene	2.573	96	28314	4.006	ug/L	86
13) Acetone	2.637	43	43252	46.938	ug/L	99
14) Carbon disulfide	2.785	76	80240	3.590	ug/L	100
15) Methyl Acetate	2.952	43	7985	3.458	ug/L #	80
16) Methylene chloride	3.036	84	31075	4.188	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	76942	4.369	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	29488	4.060	ug/L	91
19) 1,1-Dichloroethane	3.859	63	54752	4.113	ug/L	97
21) 2-Butanone	4.698	43	58761	43.911	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	34145	4.194	ug/L	93
23) Bromochloromethane	4.968	128	15872	4.448	ug/L #	81
25) Chloroform	5.074	83	66737	4.450	ug/L	99

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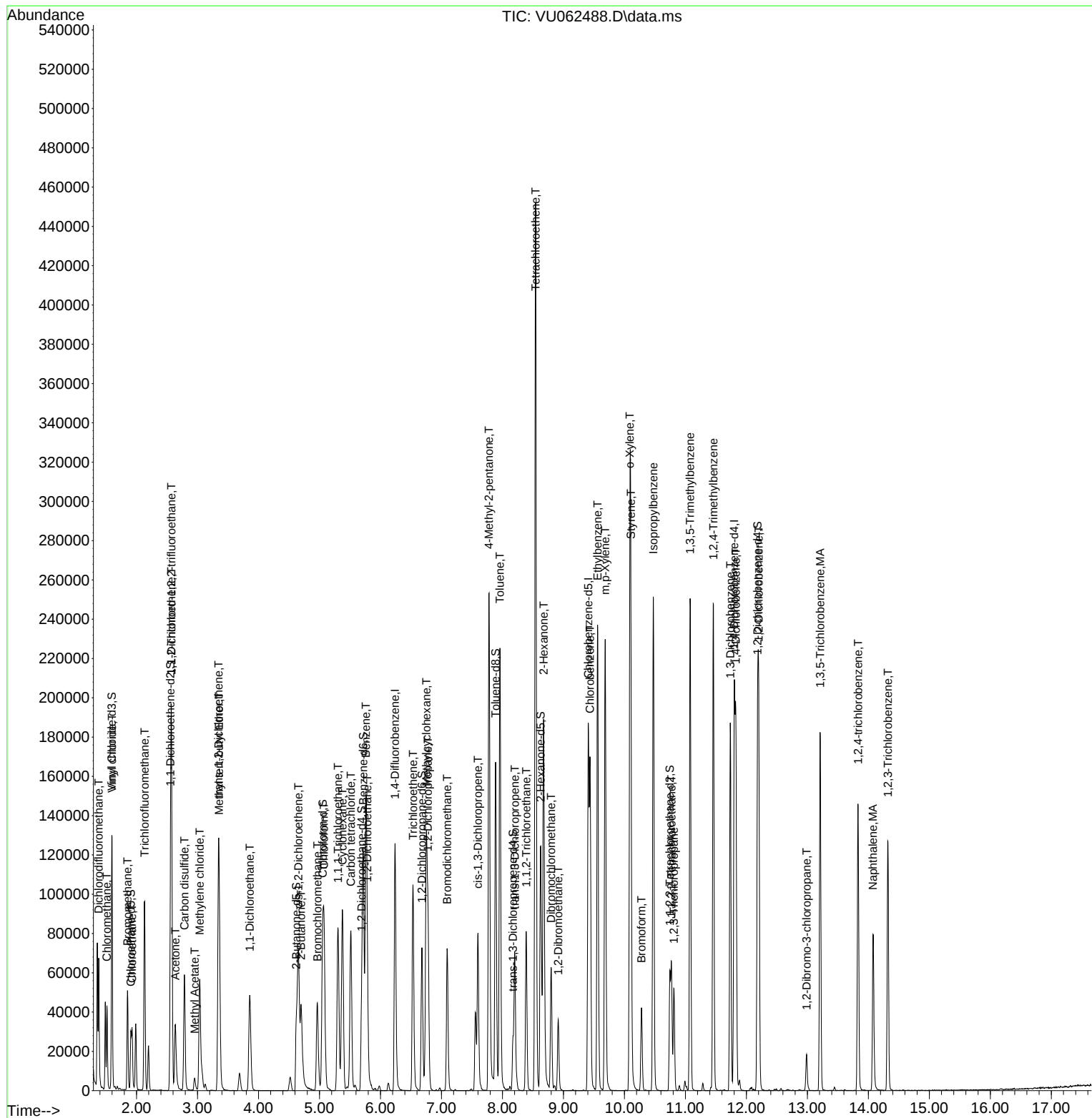
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45355	4.760	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	64605	4.688	ug/L	95
30) Cyclohexane	5.377	56	43939	3.932	ug/L	89
31) Carbon tetrachloride	5.515	117	59698	4.725	ug/L	98
33) Benzene	5.763	78	132934	4.379	ug/L	100
34) Trichloroethene	6.534	95	37730	4.388	ug/L	95
35) Methylcyclohexane	6.753	83	53467	4.194	ug/L	94
37) 1,2-Dichloropropane	6.779	63	29414	3.979	ug/L	98
38) Bromodichloromethane	7.094	83	47898	4.593	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	46229	3.902	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	145754	42.071	ug/L #	90
42) Toluene	7.959	91	168638	5.152	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	43475	4.493	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	25325	4.538	ug/L	95
47) Tetrachloroethene	8.544	164	98516	14.839	ug/L	94
48) 2-Hexanone	8.676	43	109882	42.917	ug/L #	93
49) Dibromochloromethane	8.798	129	32356	4.799	ug/L	94
50) 1,2-Dibromoethane	8.914	107	24013	4.478	ug/L #	97
51) Chlorobenzene	9.438	112	90625	4.321	ug/L	97
52) Ethylbenzene	9.560	91	169239	4.612	ug/L	99
53) m,p-Xylene	9.685	106	65106	4.805	ug/L	95
54) o-Xylene	10.090	106	60721	4.608	ug/L	99
55) Styrene	10.106	104	97668	4.496	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	29053	4.473	ug/L #	98
59) Bromoform	10.280	173	19168	4.697	ug/L #	93
60) Isopropylbenzene	10.476	105	164195	4.377	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22005	4.582	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	138527	4.364	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	140305	4.511	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	75752	4.396	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	75150	4.331	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	71103	4.465	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5321	5.080	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	56855	4.438	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	45828	4.531	ug/L	99
71) Naphthalene	14.077	128	70266	4.627	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39814	4.464	ug/L	100

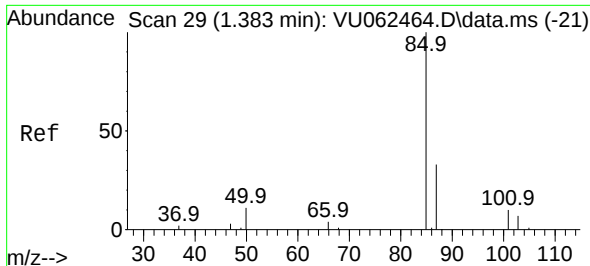
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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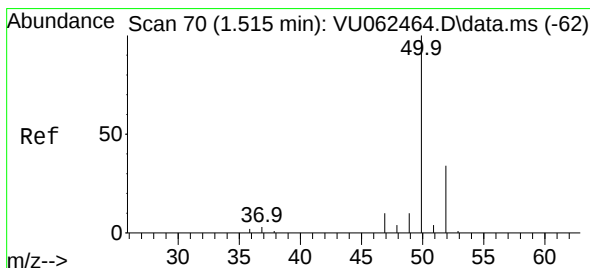
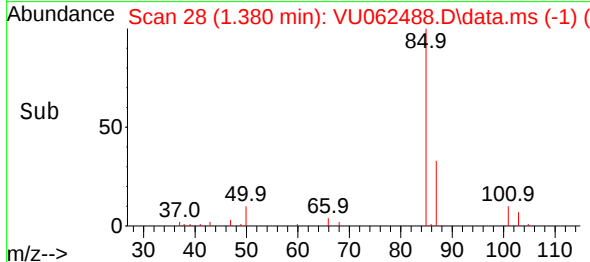
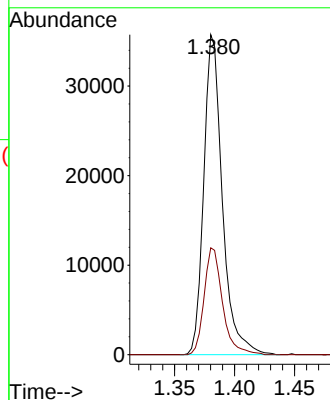
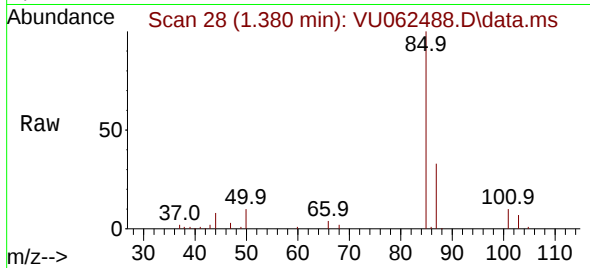




#2
 Dichlorodifluoromethane
 Concen: 3.939 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

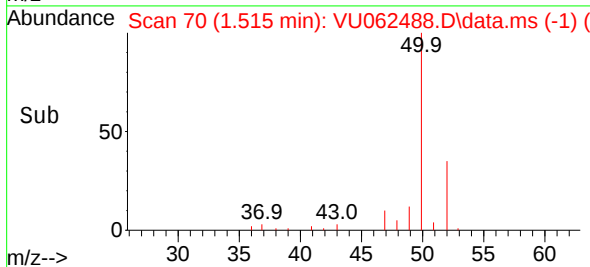
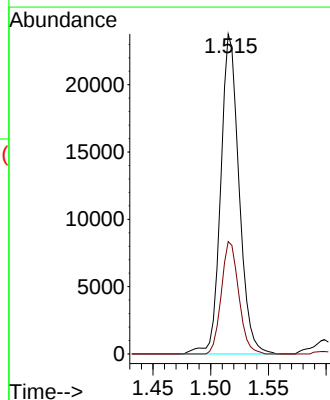
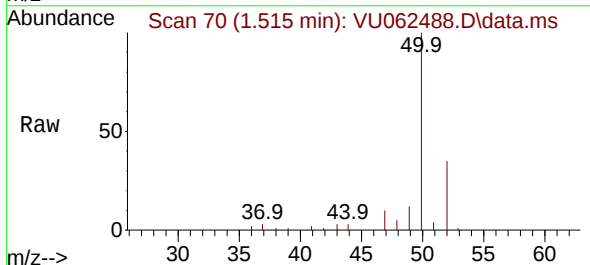
Instrument :
 MSVOA_U
 ClientSampleId :

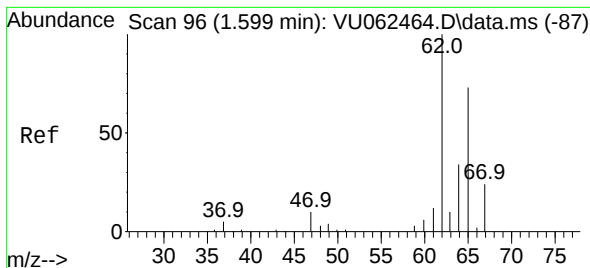
Tgt Ion: 85 Resp: 38630
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.6 40.0



#3
 Chloromethane
 Concen: 3.419 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

Tgt Ion: 50 Resp: 26282
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.1 42.9





#5

Vinyl chloride

Concen: 3.849 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

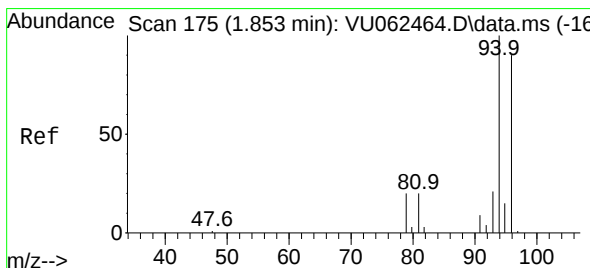
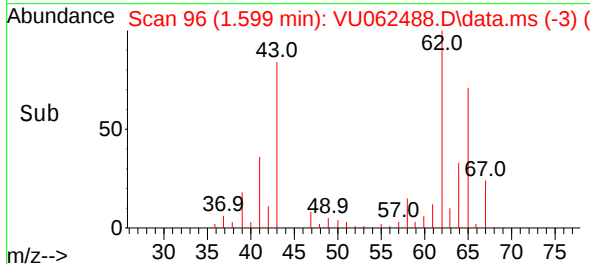
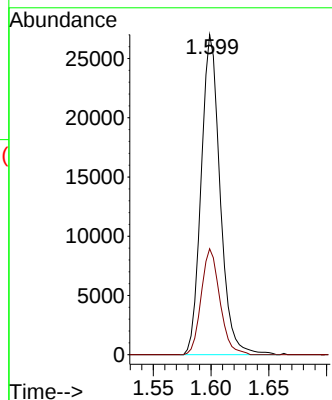
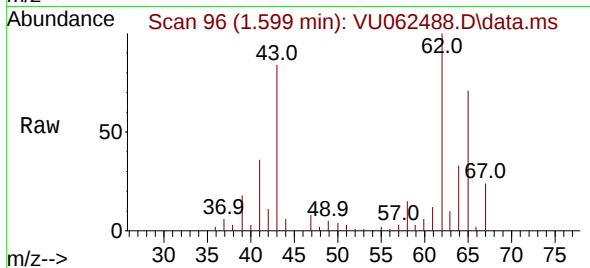
ClientSampleId :

Tgt Ion: 62 Resp: 30803

Ion Ratio Lower Upper

62 100

64 33.1 23.1 42.9



#6

Bromomethane

Concen: 4.136 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062488.D

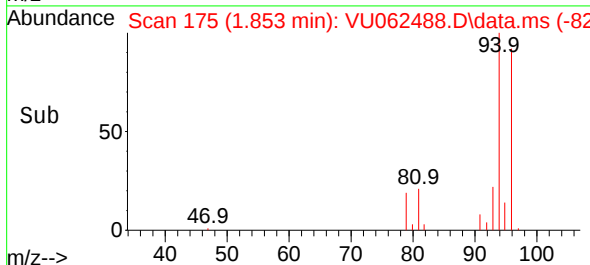
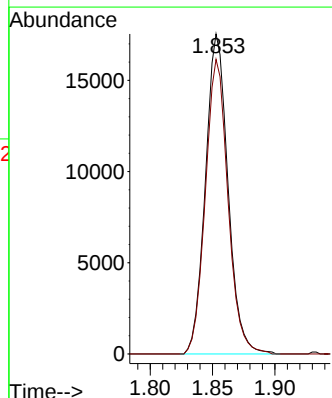
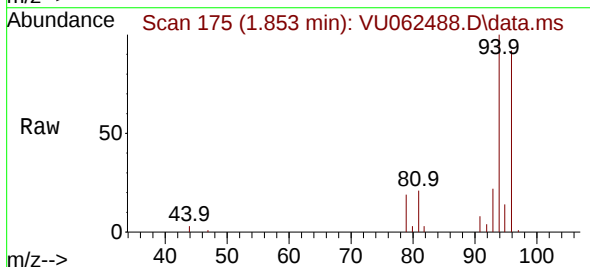
Acq: 19 Dec 2024 20:27

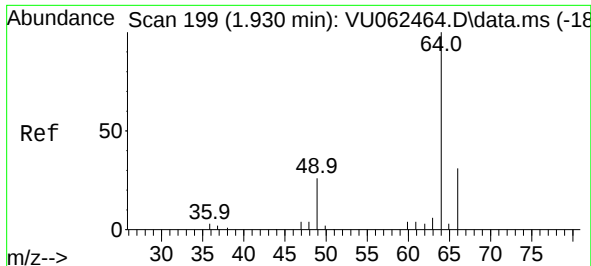
Tgt Ion: 94 Resp: 22066

Ion Ratio Lower Upper

94 100

96 92.1 64.5 119.9

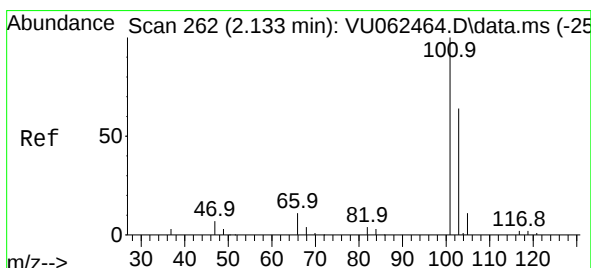
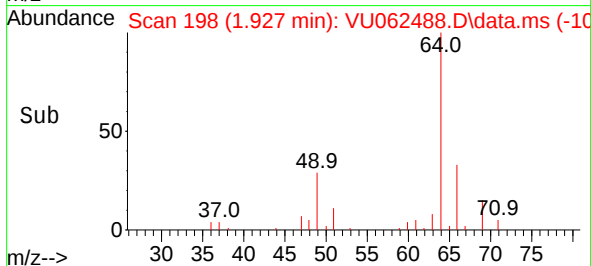
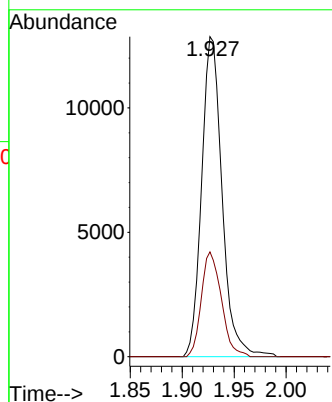
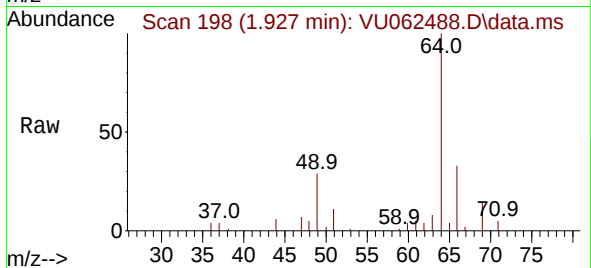




#8
Chloroethane
Concen: 3.921 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

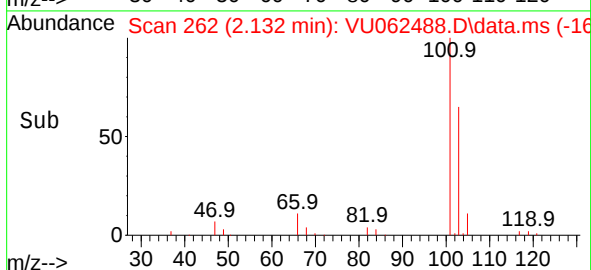
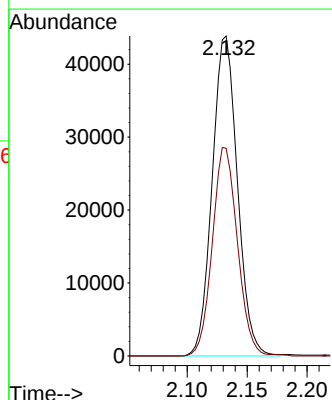
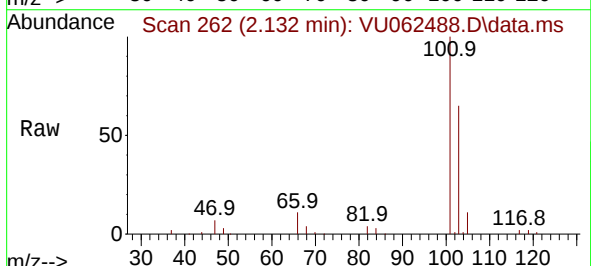
Instrument :
MSVOA_U
ClientSampleId :

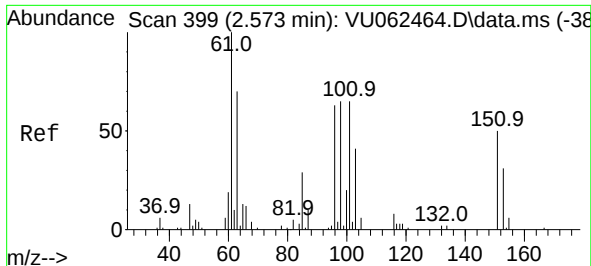
Tgt Ion: 64 Resp: 17575
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.613 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion:101 Resp: 64083
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8





#10

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

Concen: 4.027 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

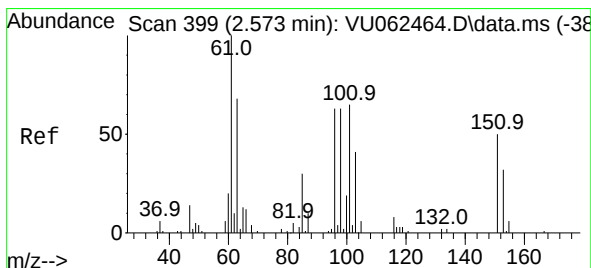
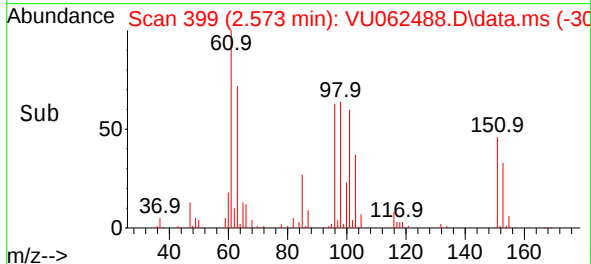
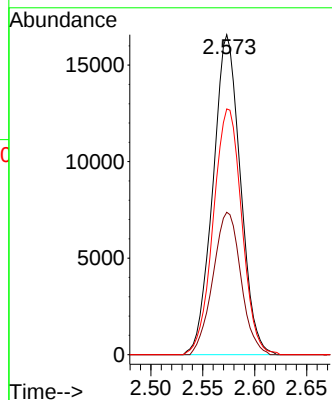
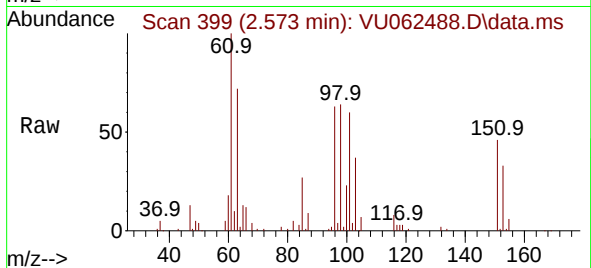
Tgt Ion:101 Resp: 30451

Ion Ratio Lower Upper

101 100

85 45.3 38.0 57.0

151 79.8 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.006 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

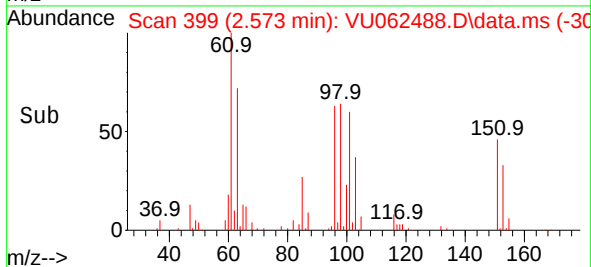
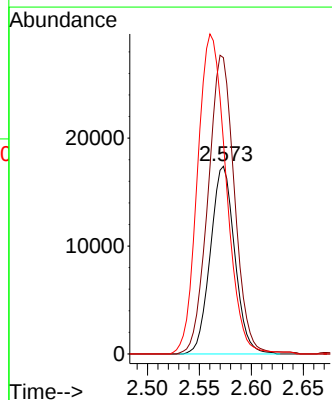
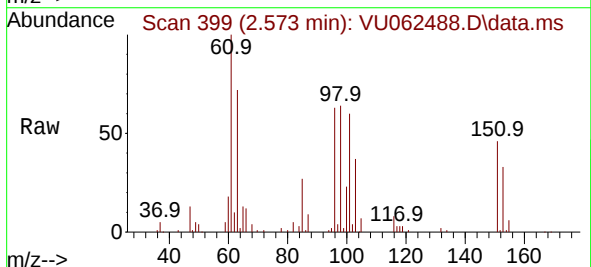
Tgt Ion: 96 Resp: 28314

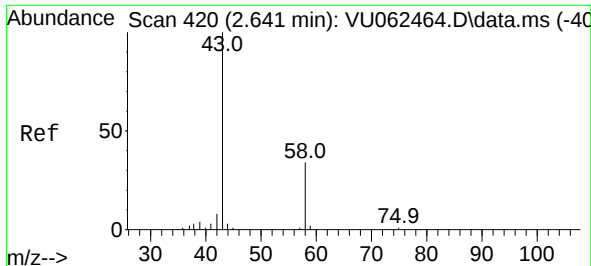
Ion Ratio Lower Upper

96 100

61 157.8 119.6 222.2

63 113.3 65.0 120.6





#13

Acetone

Concen: 46.938 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

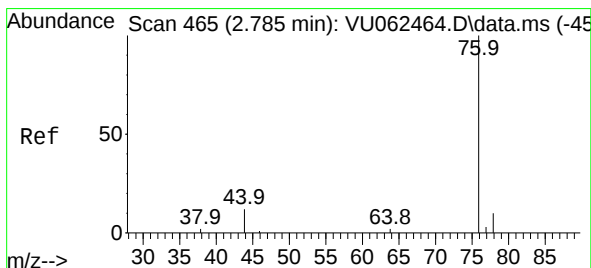
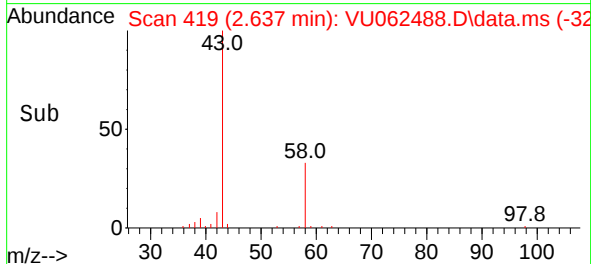
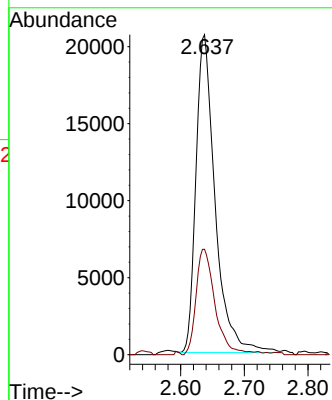
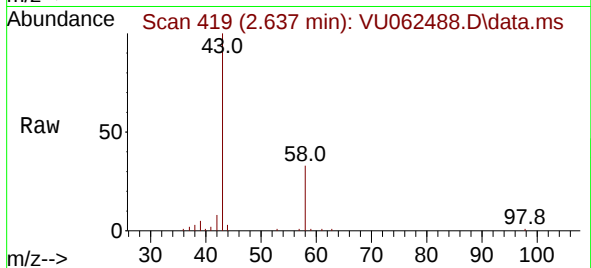
ClientSampleId :

Tgt Ion: 43 Resp: 43252

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.0



#14

Carbon disulfide

Concen: 3.590 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062488.D

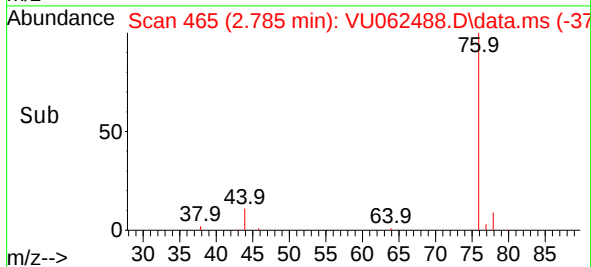
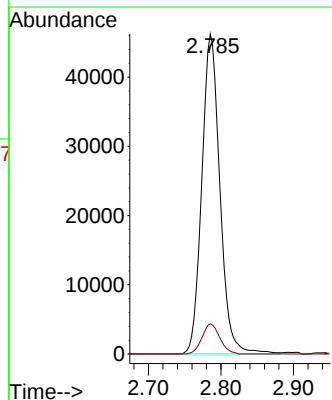
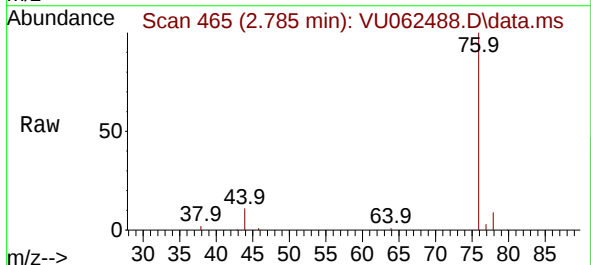
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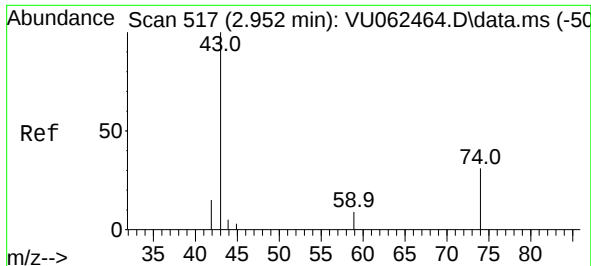
Tgt Ion: 76 Resp: 80240

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 3.458 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

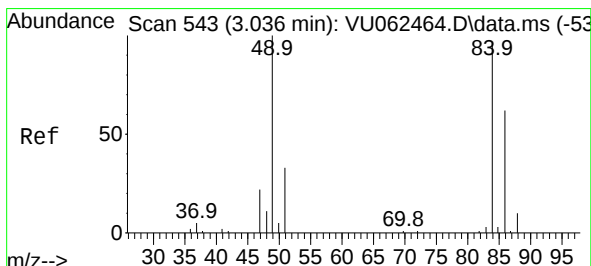
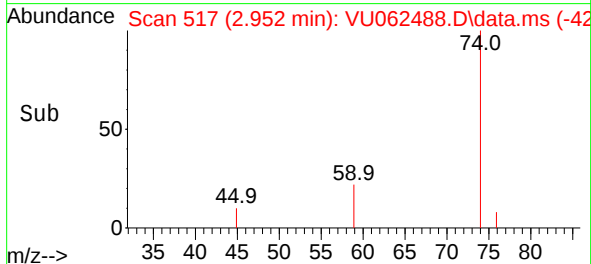
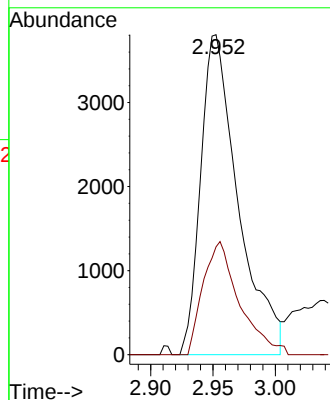
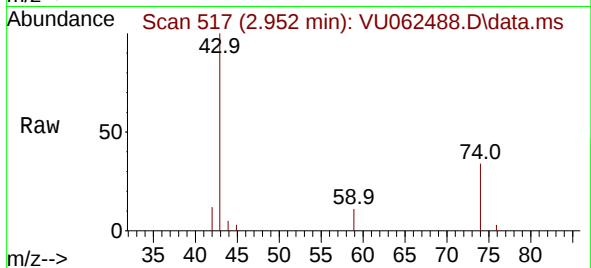
ClientSampleId :

Tgt Ion: 43 Resp: 7985

Ion Ratio Lower Upper

43 100

74 34.2 19.4 29.2#



#16

Methylene chloride

Concen: 4.188 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

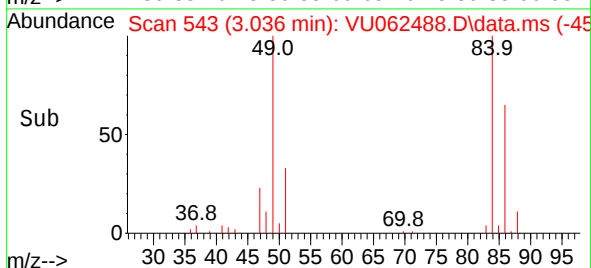
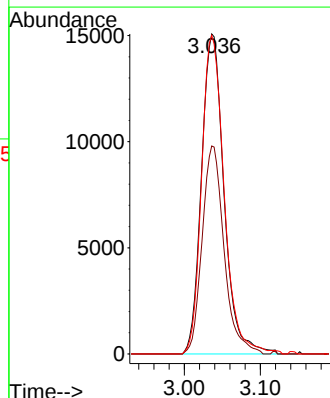
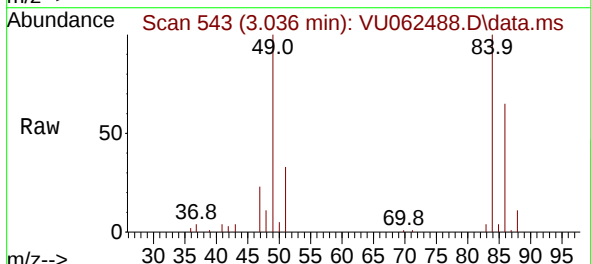
Tgt Ion: 84 Resp: 31075

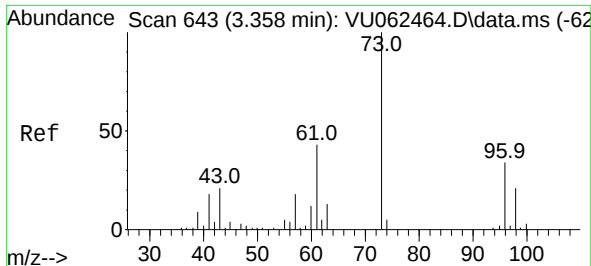
Ion Ratio Lower Upper

84 100

86 65.0 43.5 80.7

49 99.5 81.9 152.1

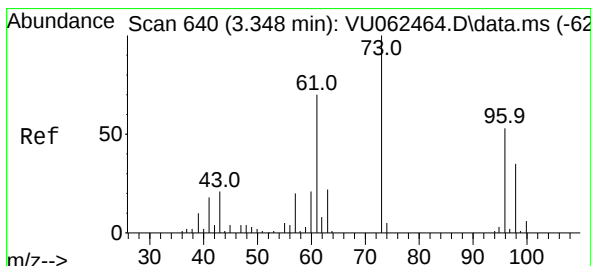
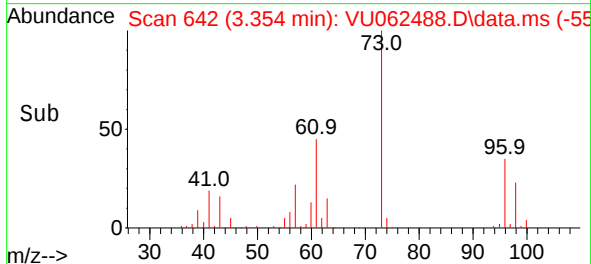
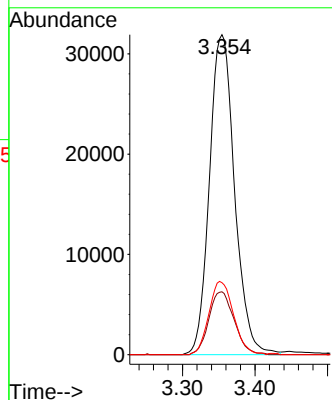
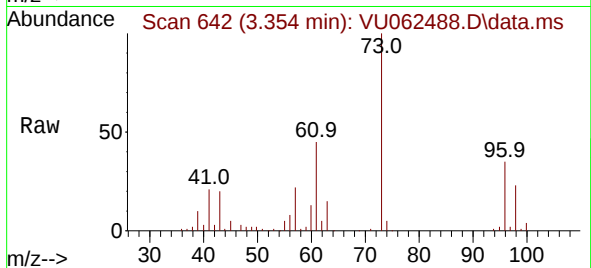




#17
Methyl tert-butyl Ether
Concen: 4.369 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

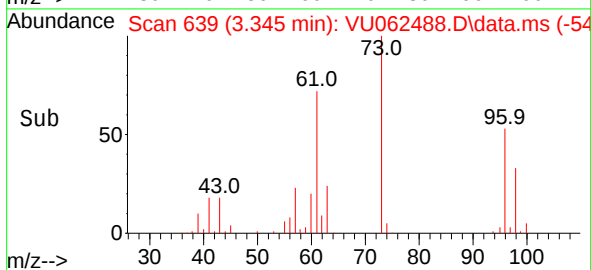
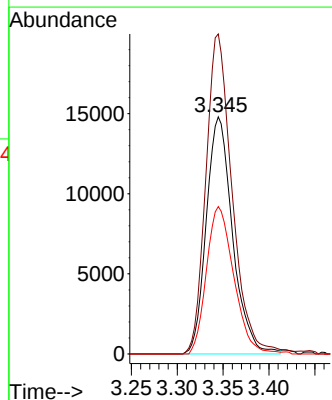
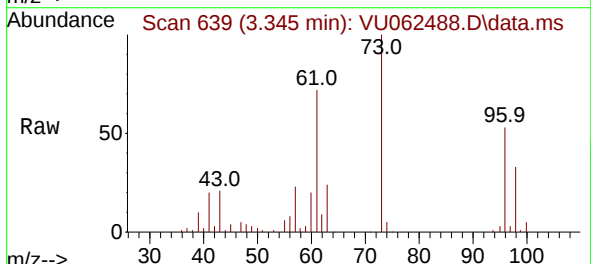
Instrument :
MSVOA_U
ClientSampleId :

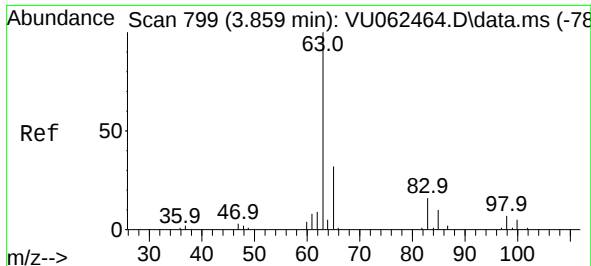
Tgt Ion: 73 Resp: 76942
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 22.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.060 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion: 96 Resp: 29488
Ion Ratio Lower Upper
96 100
61 135.0 104.2 193.4
98 62.1 45.7 84.9

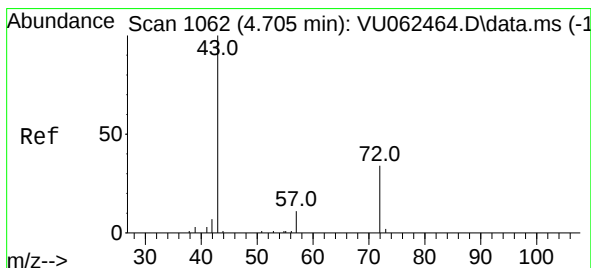
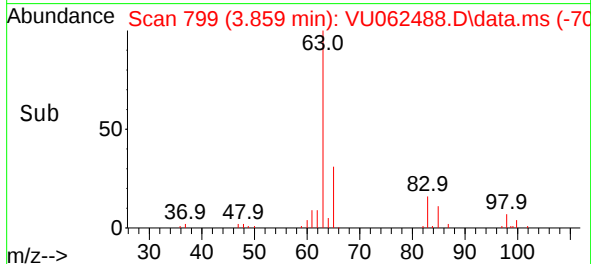
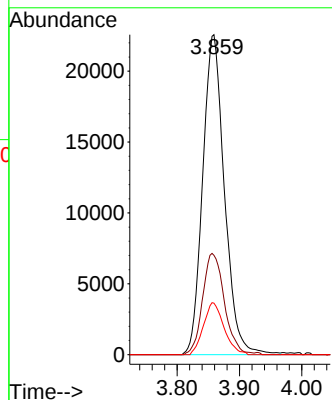
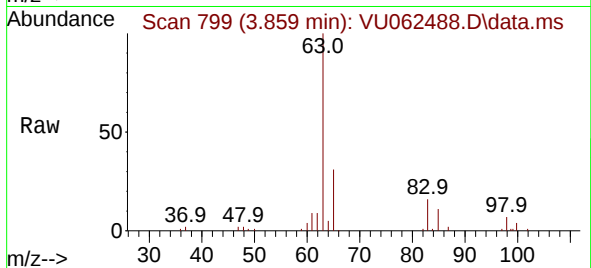




#19
1,1-Dichloroethane
Concen: 4.113 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

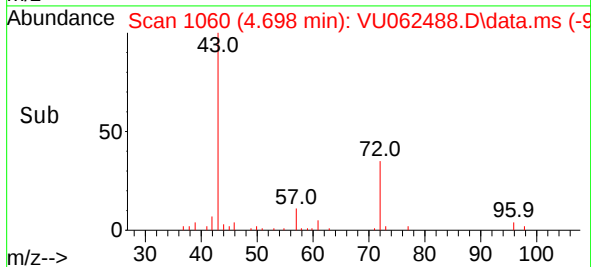
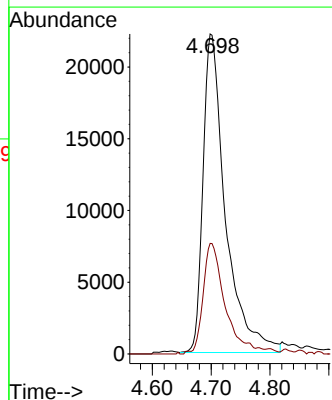
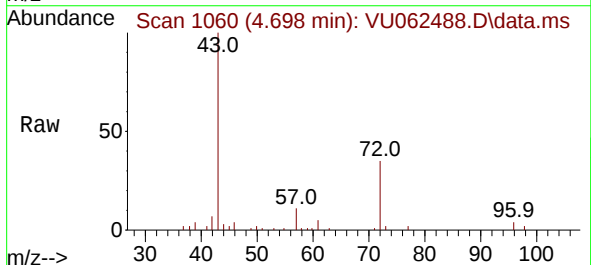
Instrument :
MSVOA_U
ClientSampleId :

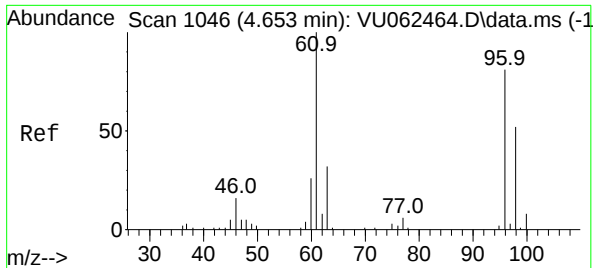
Tgt Ion: 63 Resp: 54752
Ion Ratio Lower Upper
63 100
65 31.1 22.7 42.3
83 16.1 9.9 18.3



#21
2-Butanone
Concen: 43.911 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

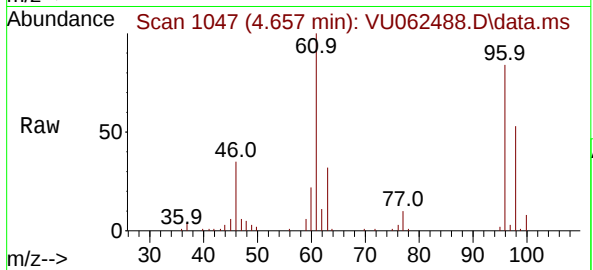
Tgt Ion: 43 Resp: 58761
Ion Ratio Lower Upper
43 100
72 33.5 14.8 44.4



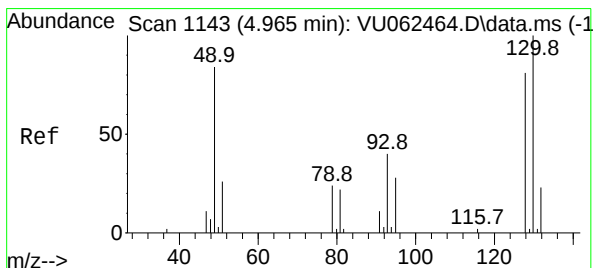
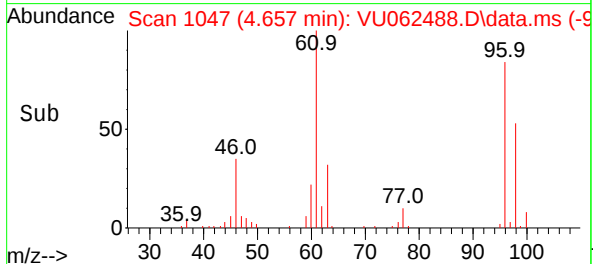
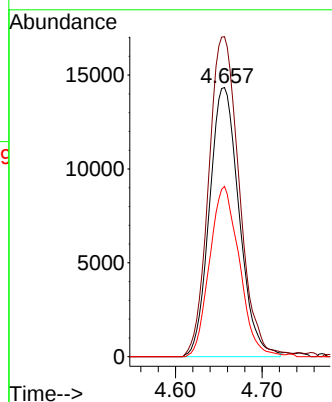


#22
 cis-1,2-Dichloroethene
 Concen: 4.194 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

Instrument :
 MSVOA_U
 ClientSampleId :

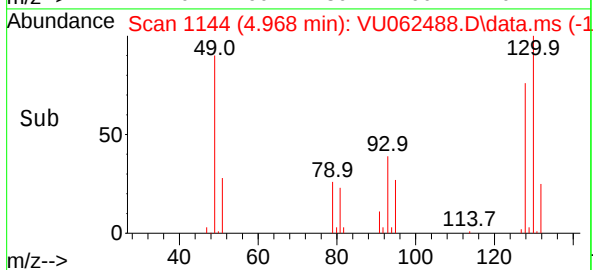
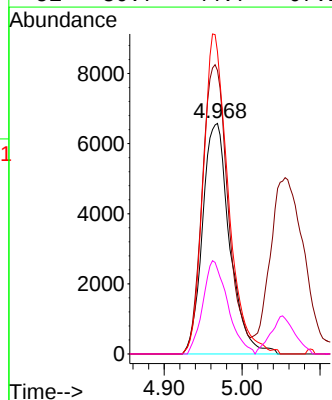
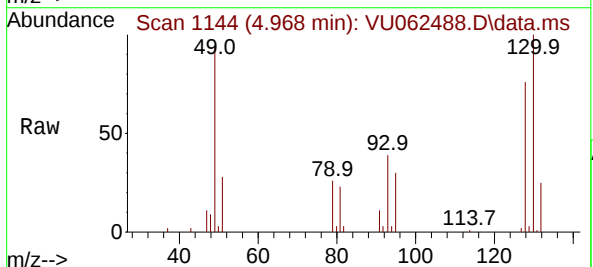


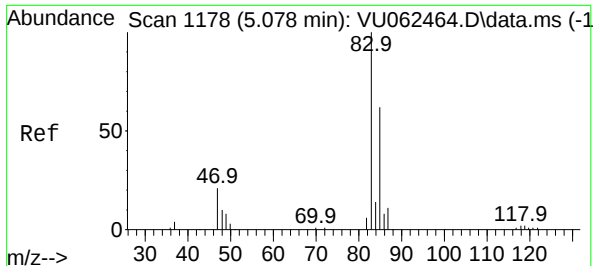
Tgt Ion: 96 Resp: 34145
 Ion Ratio Lower Upper
 96 100
 61 118.9 92.0 170.8
 98 63.3 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.448 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

Tgt Ion:128 Resp: 15872
 Ion Ratio Lower Upper
 128 100
 49 123.0 115.3 214.1
 130 131.0 92.0 170.8
 51 36.7 44.7 67.1#





#25

Chloroform

Concen: 4.450 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

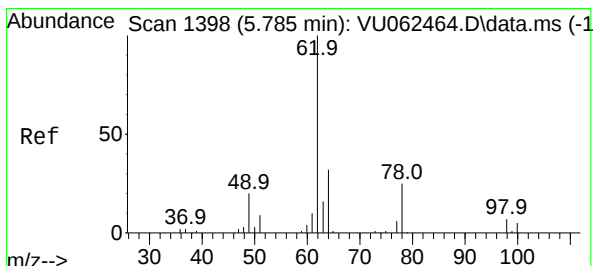
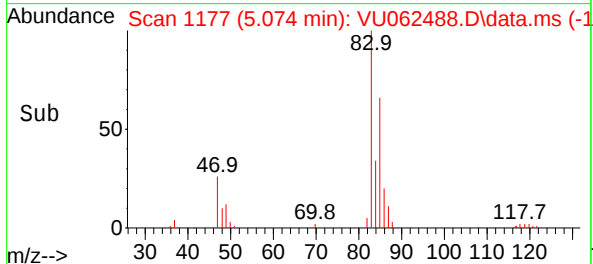
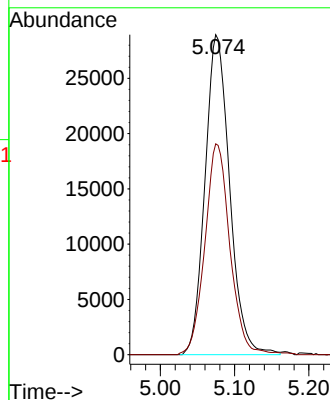
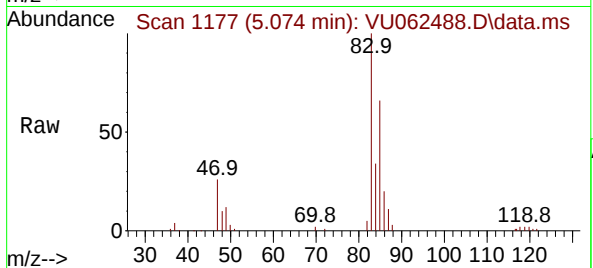
ClientSampleId :

Tgt Ion: 83 Resp: 66737

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.760 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062488.D

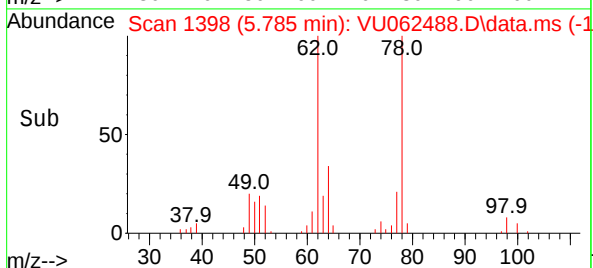
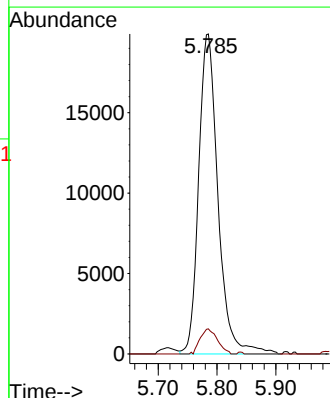
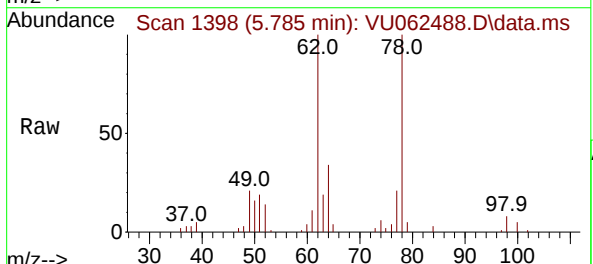
Acq: 19 Dec 2024 20:27

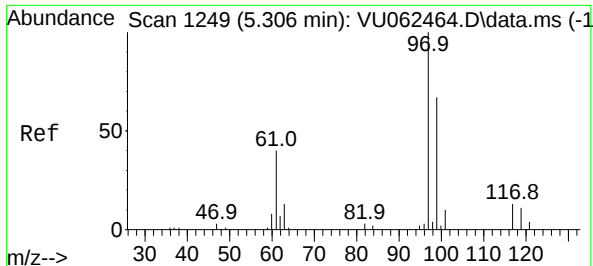
Tgt Ion: 62 Resp: 45355

Ion Ratio Lower Upper

62 100

98 7.8 7.4 11.0

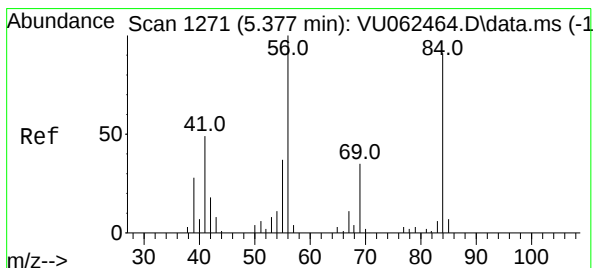
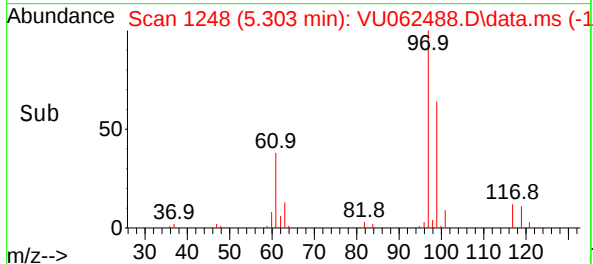
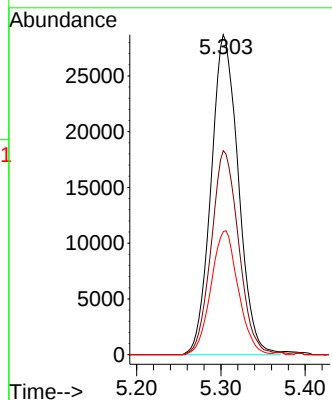
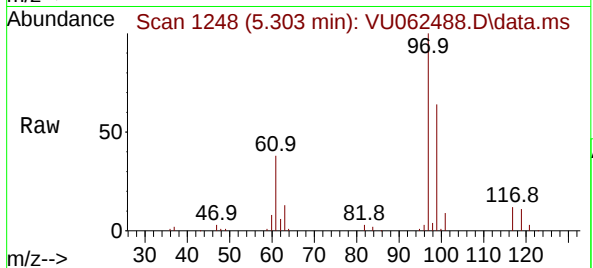




#29
1,1,1-Trichloroethane
Concen: 4.688 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

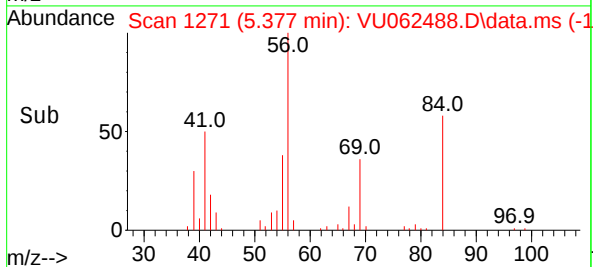
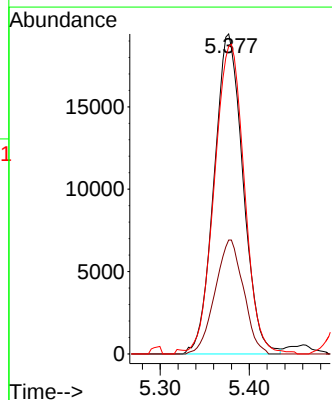
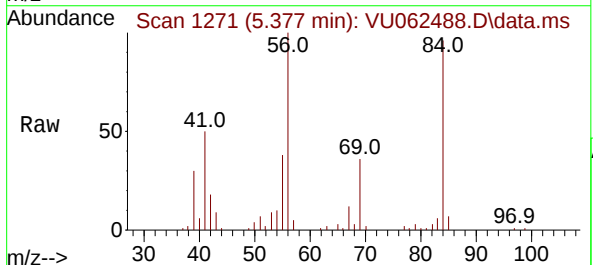
Instrument :
MSVOA_U
ClientSampleId :

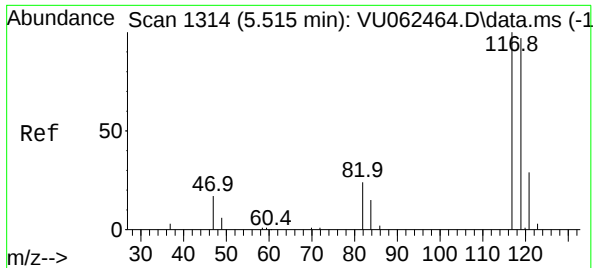
Tgt Ion: 97 Resp: 64605
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.7 37.8 56.6



#30
Cyclohexane
Concen: 3.932 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion: 56 Resp: 43939
Ion Ratio Lower Upper
56 100
69 34.9 25.1 37.7
84 99.9 70.6 105.8

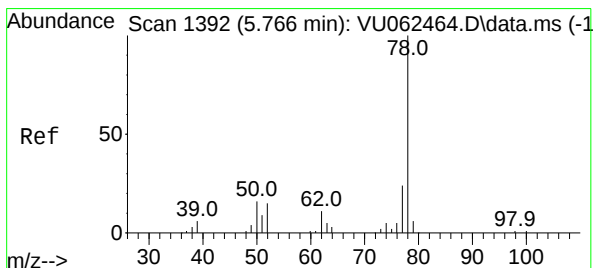
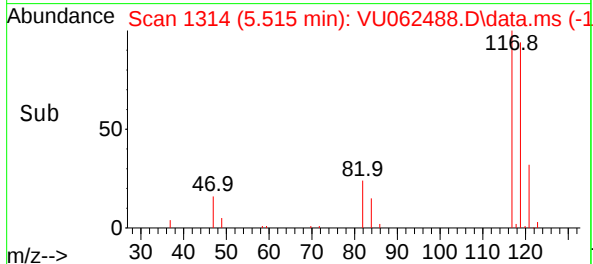
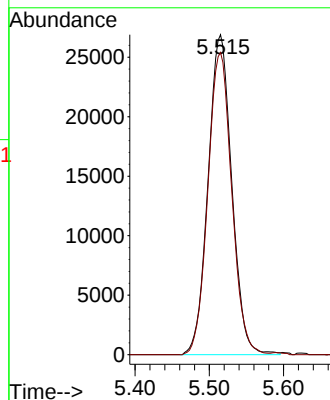
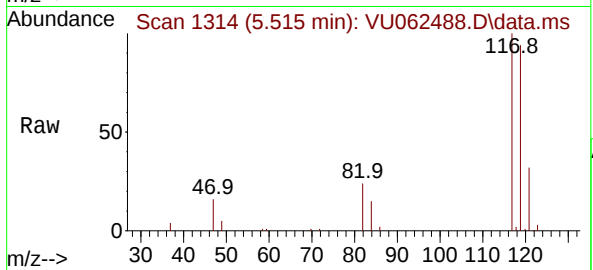




#31
Carbon tetrachloride
Concen: 4.725 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

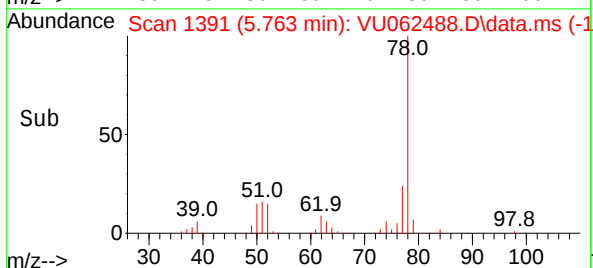
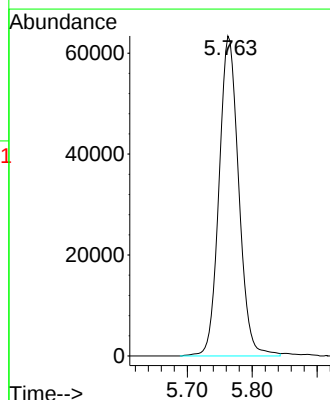
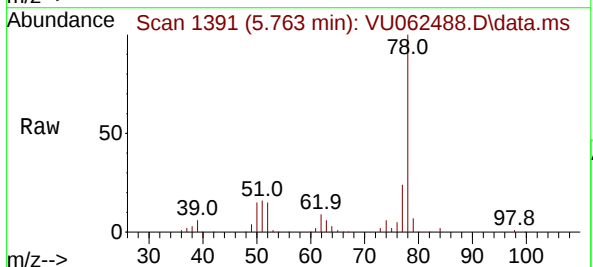
Instrument :
MSVOA_U
ClientSampleId :

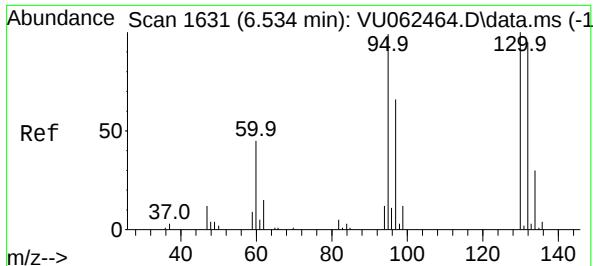
Tgt Ion:117 Resp: 59698
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.379 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion: 78 Resp: 132934

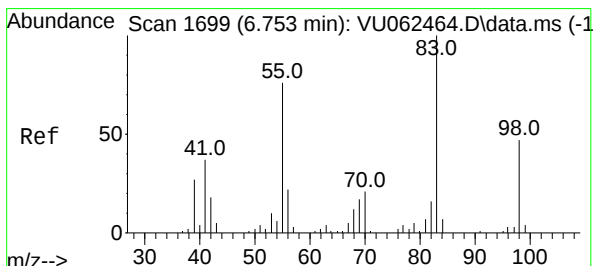
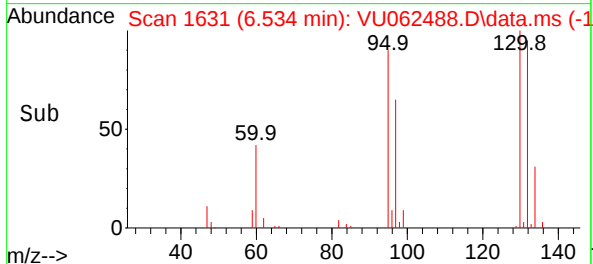
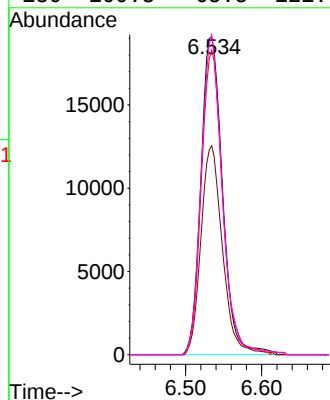
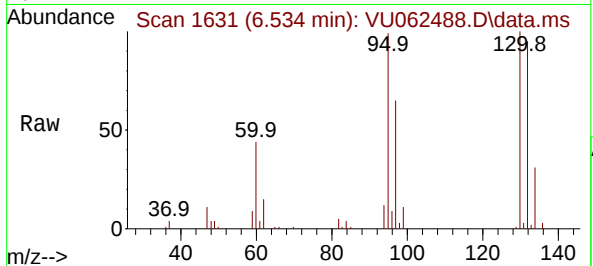




#34
Trichloroethene
Concen: 4.388 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

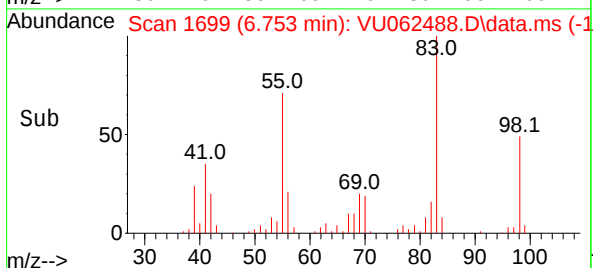
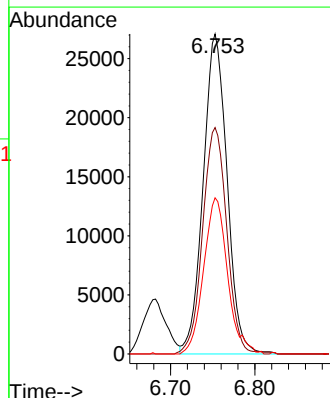
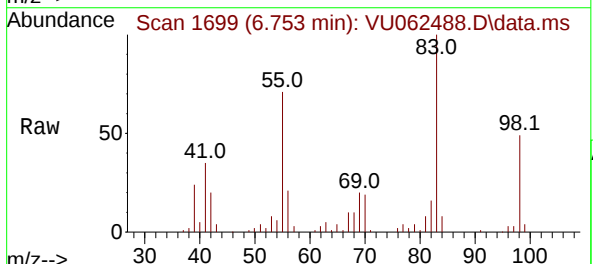
Instrument :
MSVOA_U
ClientSampleId :

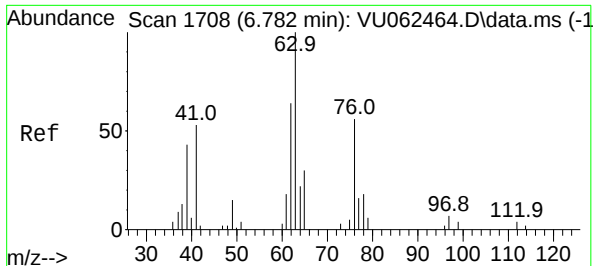
Tgt Ion: 95 Resp: 37730
Ion Ratio Lower Upper
95 100
97 65.8 45.9 85.3
132 96.0 63.8 118.4
130 100.8 65.5 121.7



#35
Methylcyclohexane
Concen: 4.194 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion: 83 Resp: 53467
Ion Ratio Lower Upper
83 100
55 71.6 60.7 91.1
98 48.9 34.8 52.2

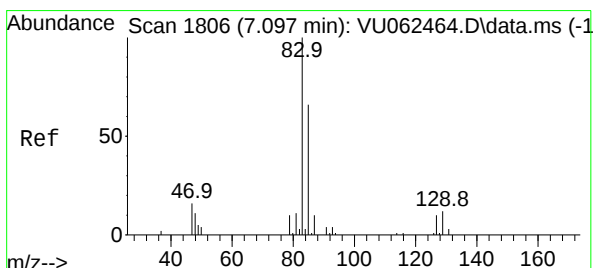
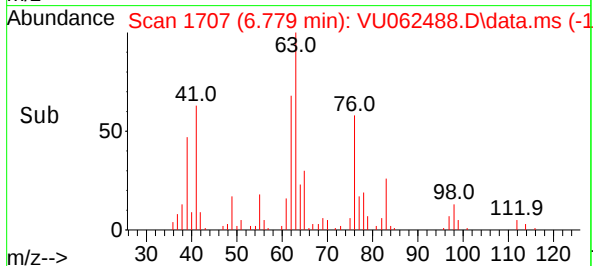
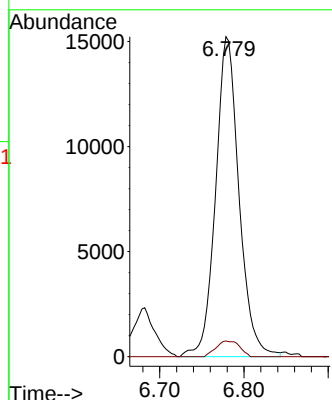
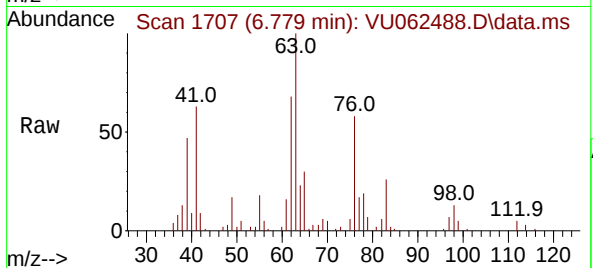




#37
1,2-Dichloropropane
Concen: 3.979 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

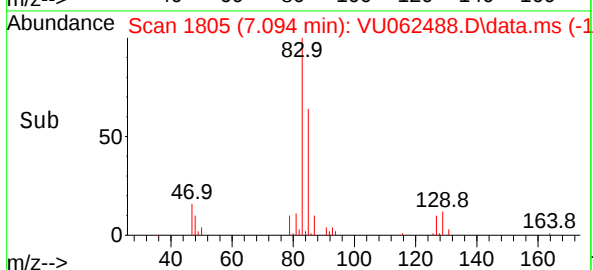
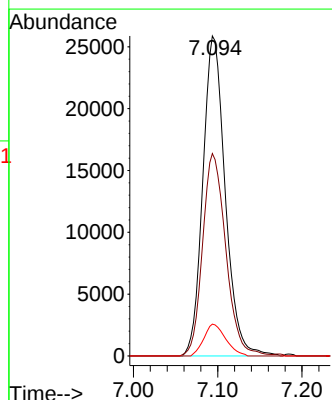
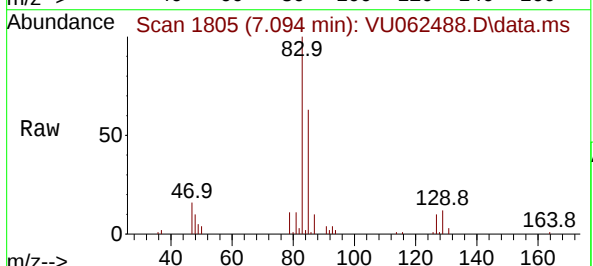
Instrument :
MSVOA_U
ClientSampleId :

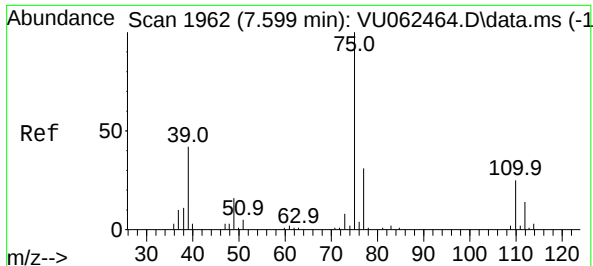
Tgt Ion: 63 Resp: 29414
Ion Ratio Lower Upper
63 100
112 4.9 3.4 5.0



#38
Bromodichloromethane
Concen: 4.593 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion: 83 Resp: 47898
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 9.9 6.9 10.3

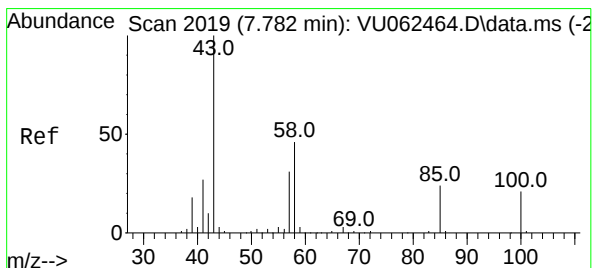
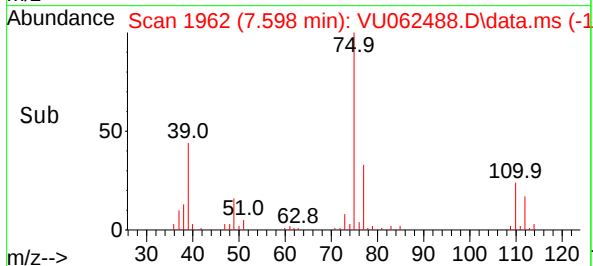
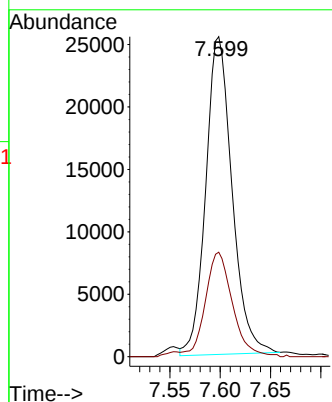
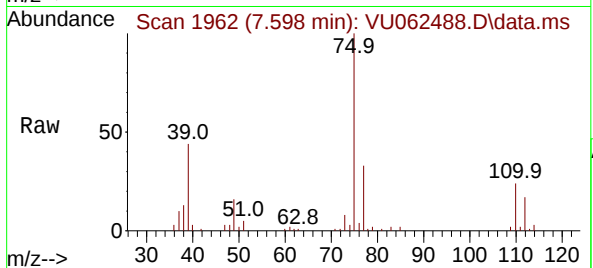




#39
 cis-1,3-Dichloropropene
 Concen: 3.902 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

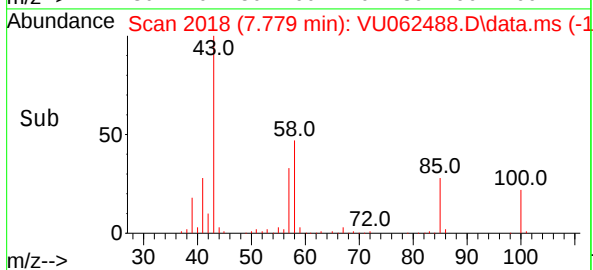
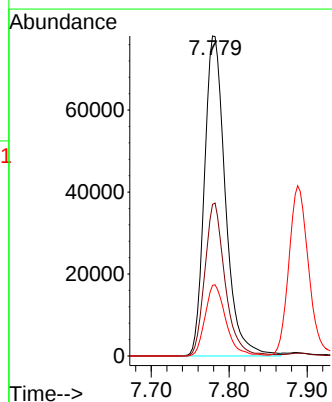
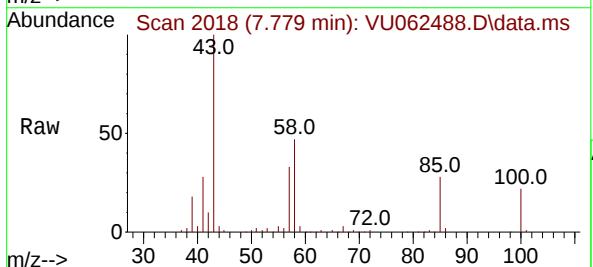
Instrument :
 MSVOA_U
 ClientSampleId :

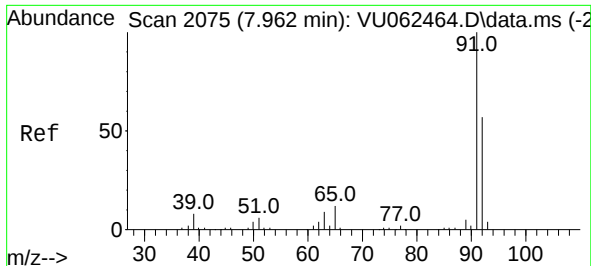
Tgt Ion: 75 Resp: 46229
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 42.071 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062488.D
 Acq: 19 Dec 2024 20:27

Tgt Ion: 43 Resp: 145754
 Ion Ratio Lower Upper
 43 100
 58 46.3 33.3 49.9
 100 22.0 12.4 18.6#





#42

Toluene

Concen: 5.152 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

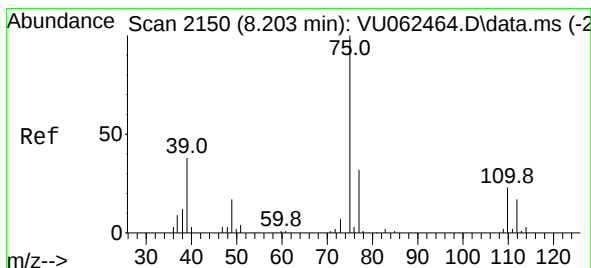
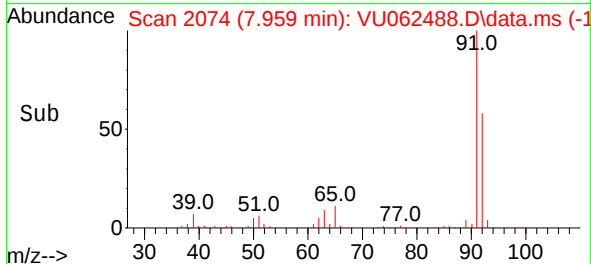
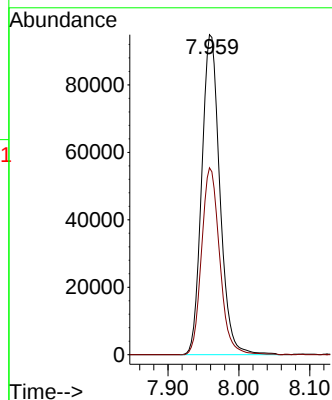
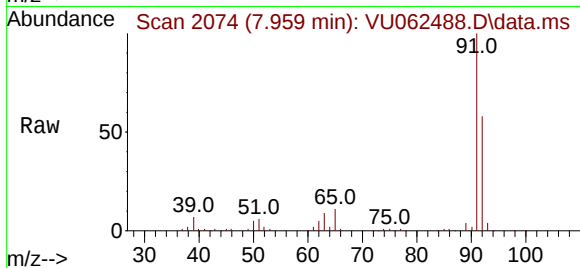
ClientSampleId :

Tgt Ion: 91 Resp: 168638

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.493 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062488.D

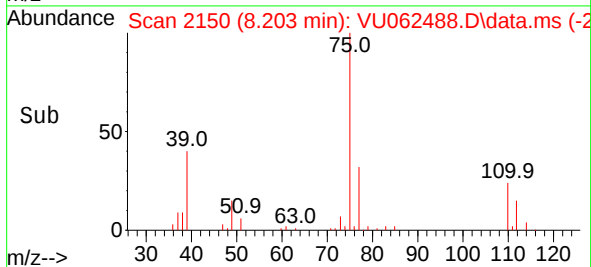
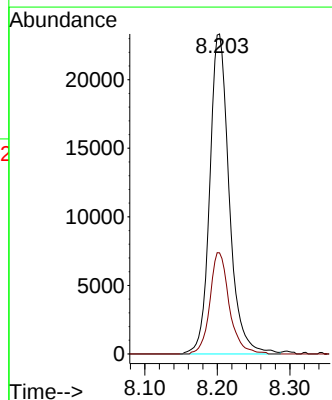
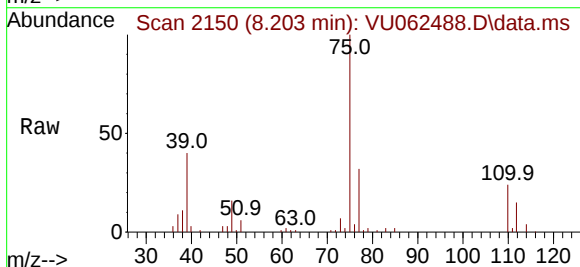
Acq: 19 Dec 2024 20:27

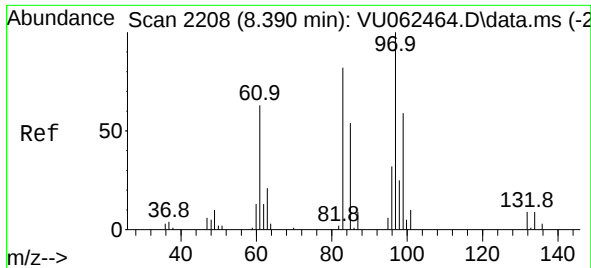
Tgt Ion: 75 Resp: 43475

Ion Ratio Lower Upper

75 100

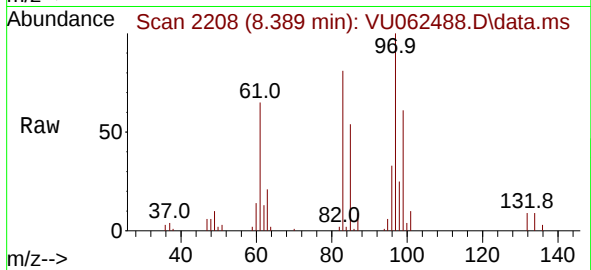
77 31.6 21.8 40.4



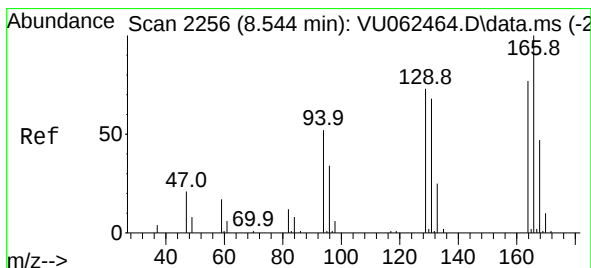
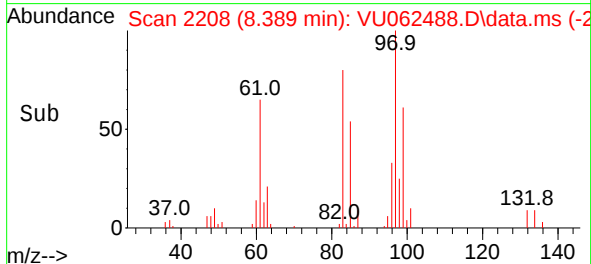
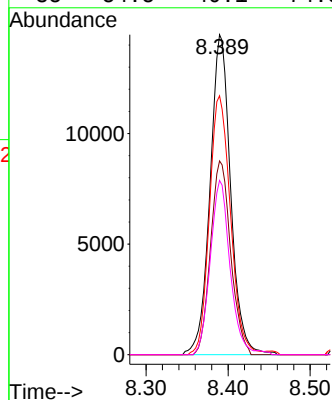


#45
1,1,2-Trichloroethane
Concen: 4.538 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

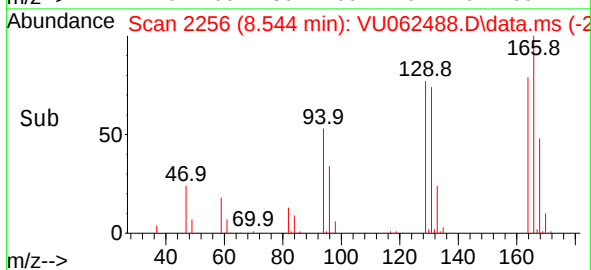
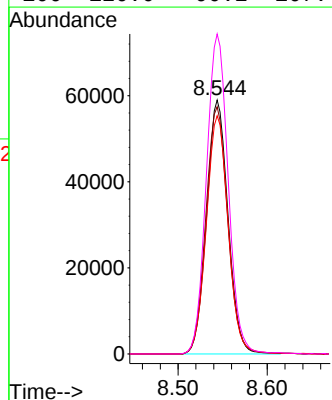
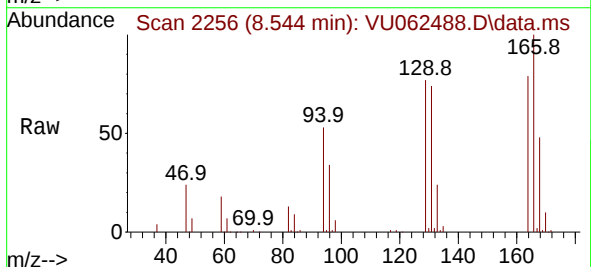


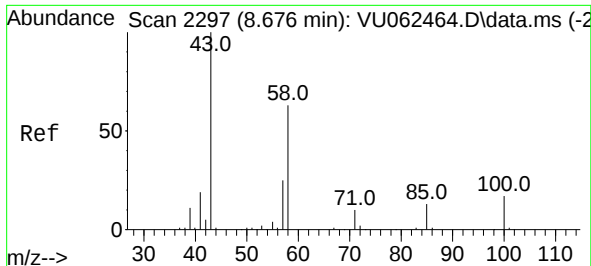
Tgt Ion:	97	Resp:	25325
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.0	79.8
83	80.9	61.7	114.5
85	54.5	40.1	74.5



#47
Tetrachloroethene
Concen: 14.839 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion:	164	Resp:	98516
Ion	Ratio	Lower	Upper
164	100		
129	97.3	73.2	136.0
131	93.8	72.3	134.3
166	126.0	90.2	167.4





#48

2-Hexanone

Concen: 42.917 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

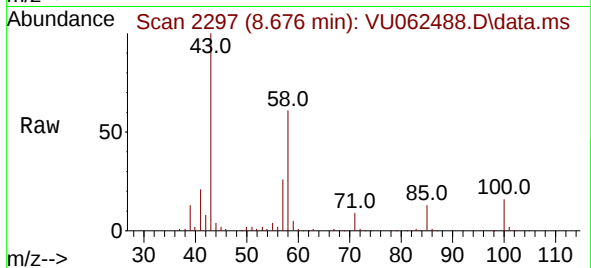
Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 109882

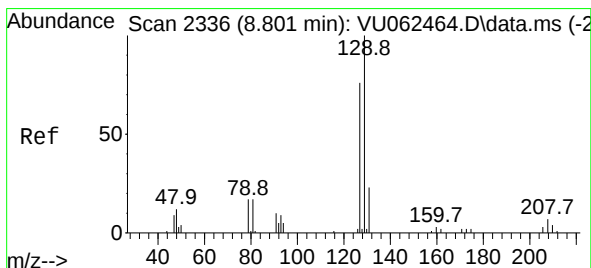
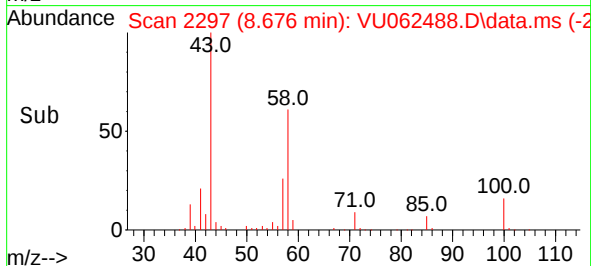
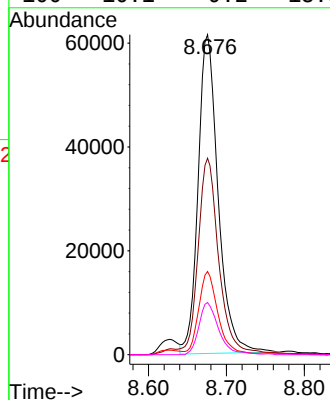
Ion Ratio Lower Upper

43 100

58 63.3 47.5 71.3

57 24.4 15.6 23.4#

100 16.1 9.2 13.8#



#49

Dibromochloromethane

Concen: 4.799 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. -0.003 min

Lab File: VU062488.D

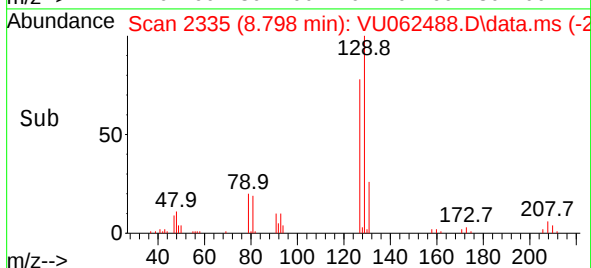
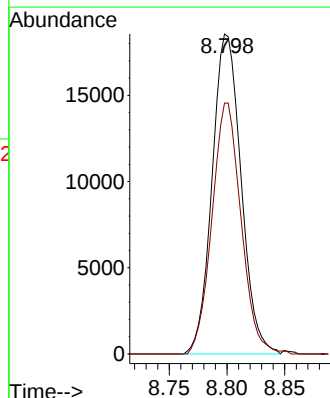
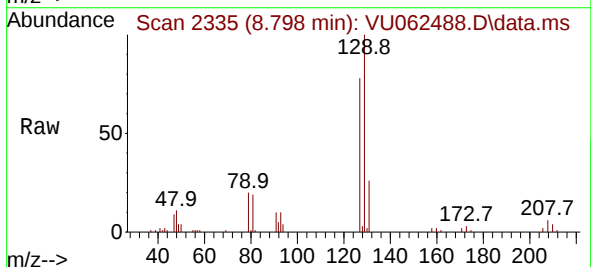
Acq: 19 Dec 2024 20:27

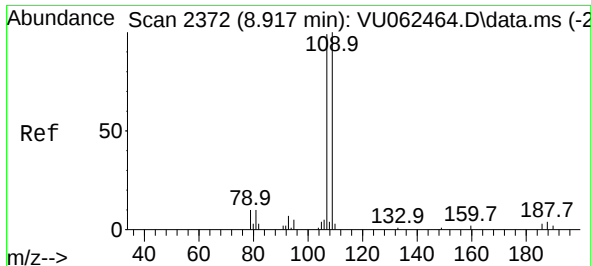
Tgt Ion: 129 Resp: 32356

Ion Ratio Lower Upper

129 100

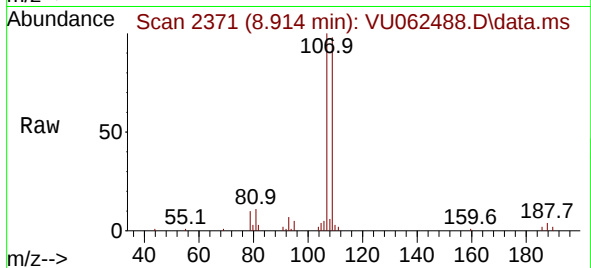
127 78.4 51.1 94.9



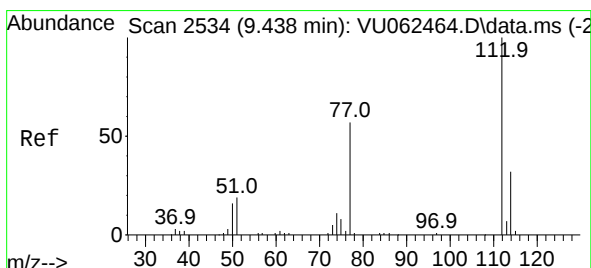
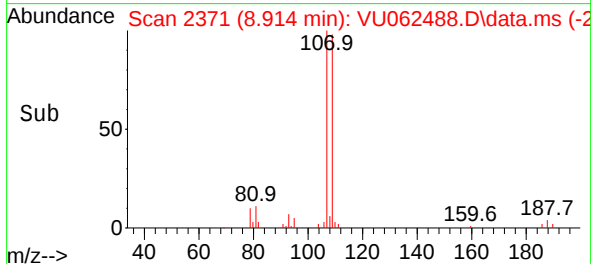
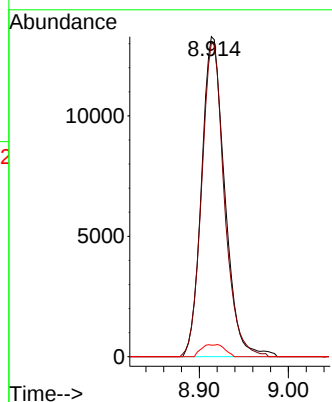


#50
1,2-Dibromoethane
Concen: 4.478 ug/L
RT: 8.914 min Scan# 24013
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :

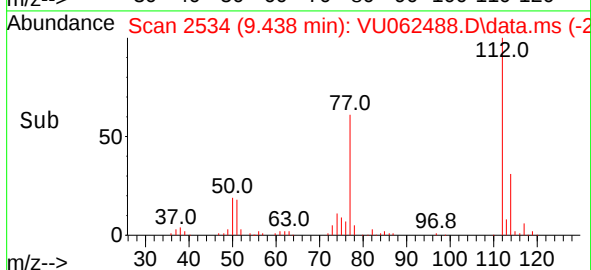
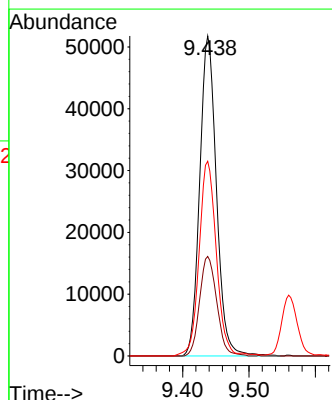
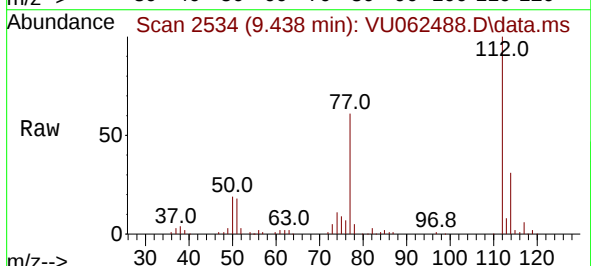


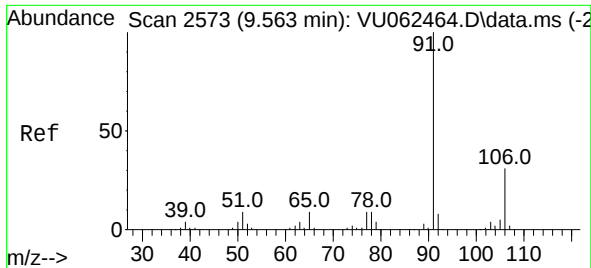
Tgt Ion:107 Resp: 24013
Ion Ratio Lower Upper
107 100
109 98.1 66.8 124.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 4.321 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion:112 Resp: 90625
Ion Ratio Lower Upper
112 100
114 31.1 23.0 42.6
77 60.8 50.5 75.7





#52

Ethylbenzene

Concen: 4.612 ug/L

RT: 9.560 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

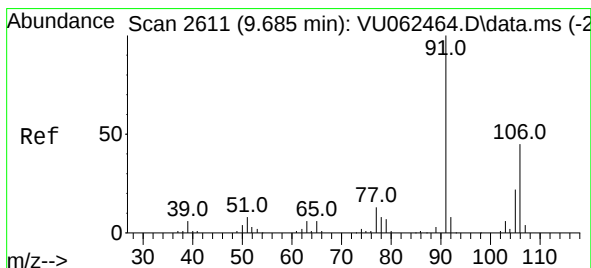
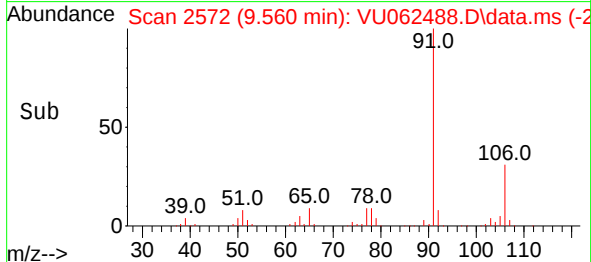
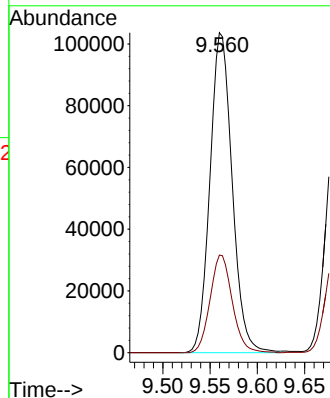
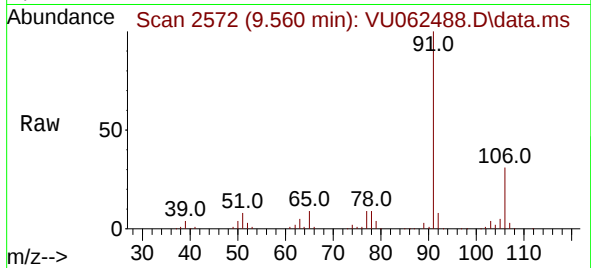
ClientSampleId :

Tgt Ion: 91 Resp: 169239

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 4.805 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU062488.D

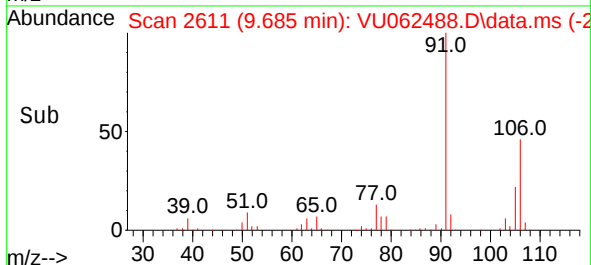
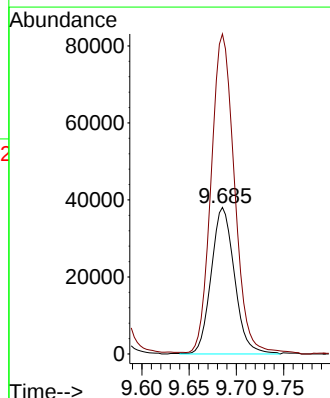
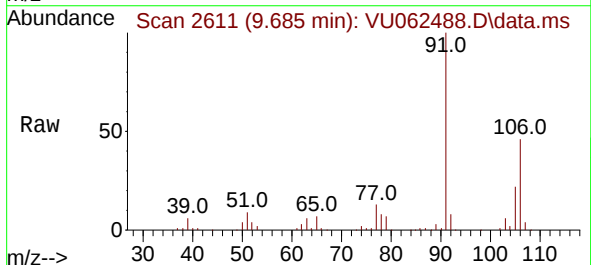
Acq: 19 Dec 2024 20:27

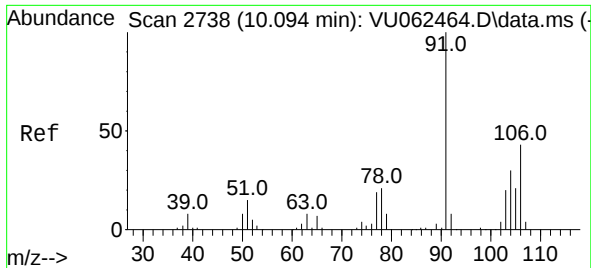
Tgt Ion:106 Resp: 65106

Ion Ratio Lower Upper

106 100

91 218.4 147.6 274.0

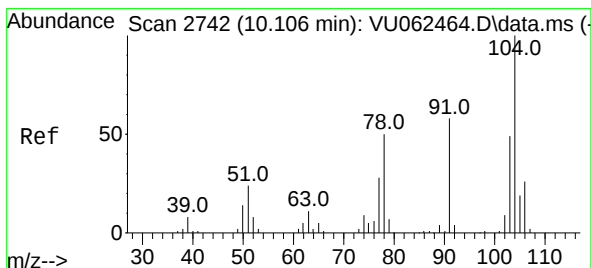
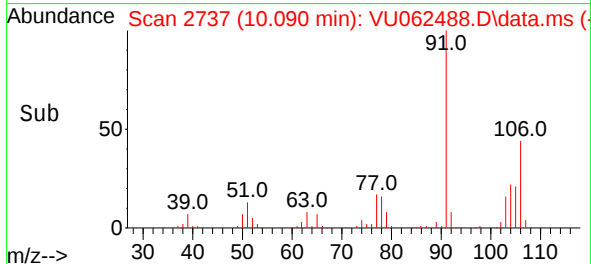
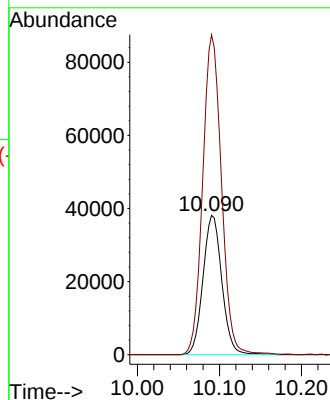
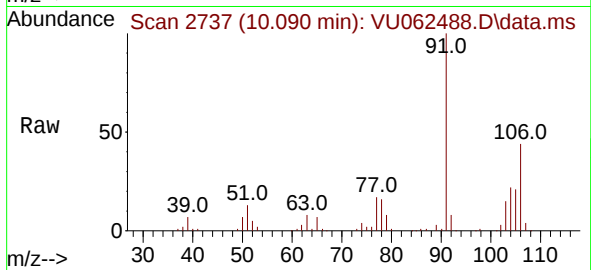




#54
o-Xylene
Concen: 4.608 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

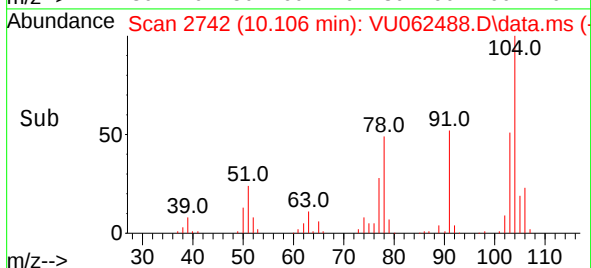
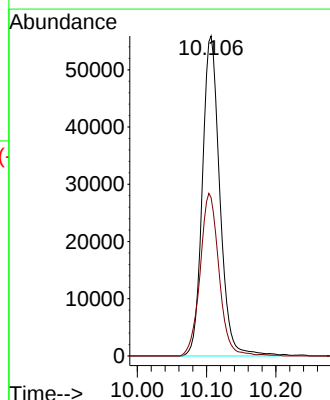
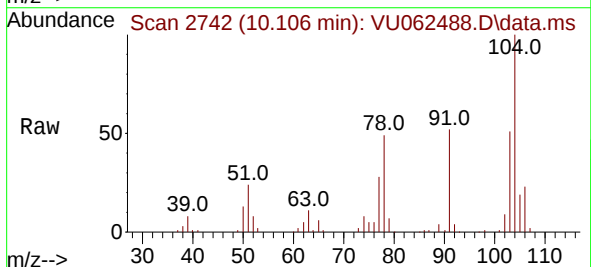
Instrument :
MSVOA_U
ClientSampleId :

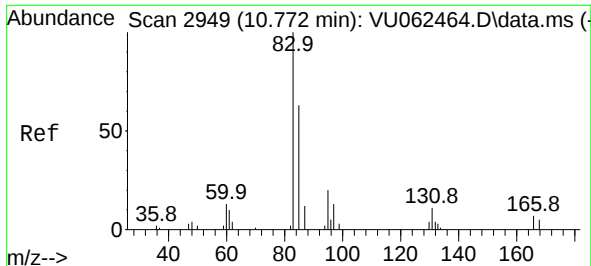
Tgt Ion:106 Resp: 60721
Ion Ratio Lower Upper
106 100
91 229.6 159.8 296.8



#55
Styrene
Concen: 4.496 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion:104 Resp: 97668
Ion Ratio Lower Upper
104 100
78 49.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.473 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

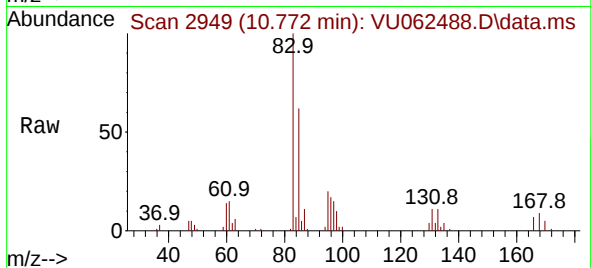
Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

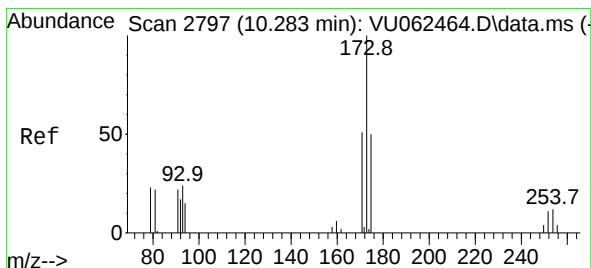
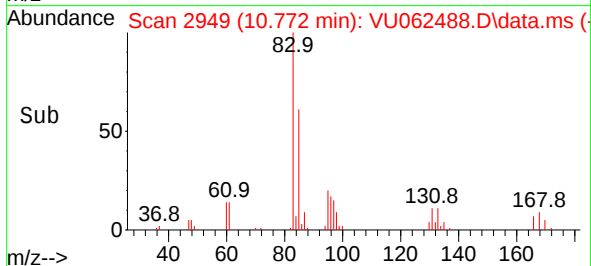
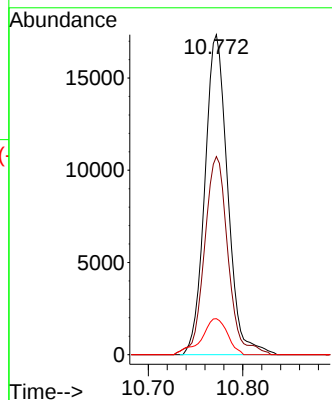
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	29053
Ion	Ratio	Lower	Upper
83	100		
85	61.9	44.4	82.4
131	11.3	7.3	10.9#



#59

Bromoform

Concen: 4.697 ug/L

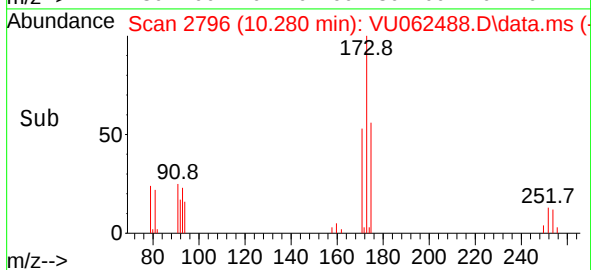
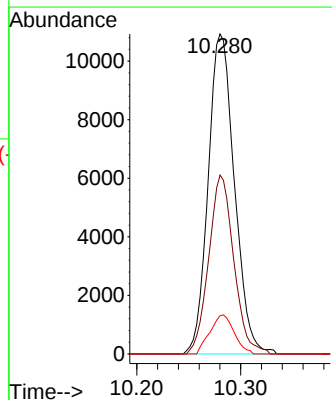
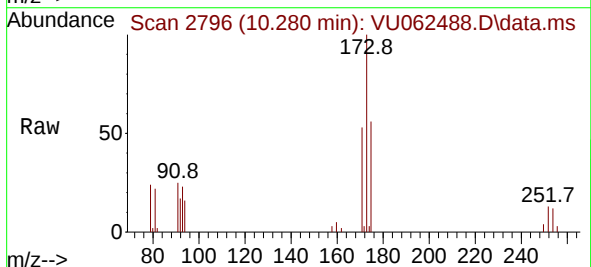
RT: 10.280 min Scan# 2796

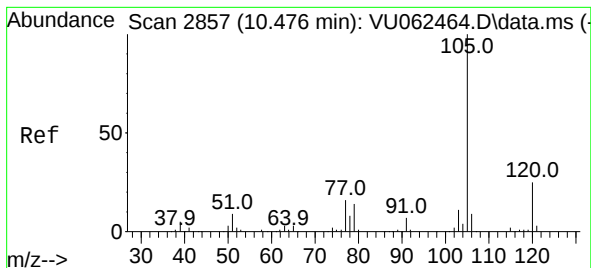
Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Tgt Ion:	173	Resp:	19168
Ion	Ratio	Lower	Upper
173	100		
175	53.3	39.0	58.4
254	11.3	7.4	11.0#





#60

Isopropylbenzene

Concen: 4.377 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

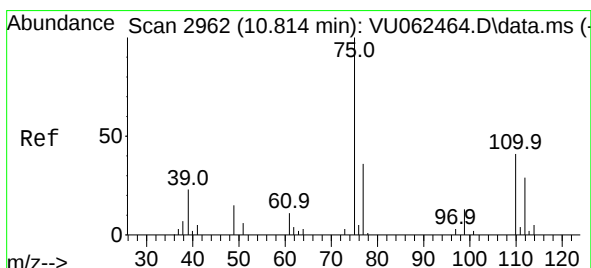
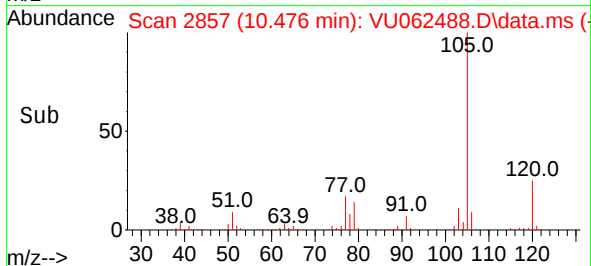
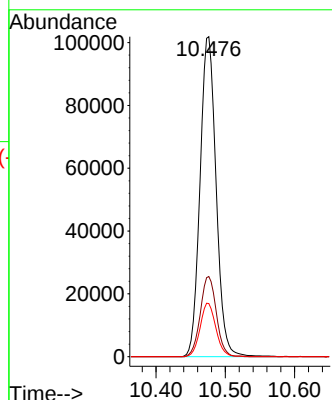
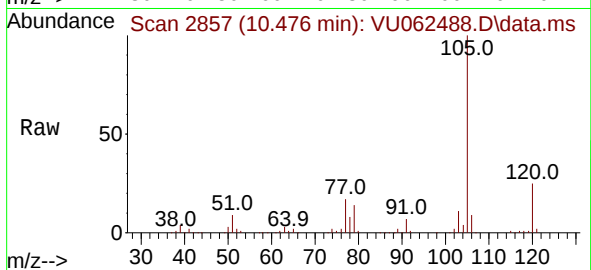
Tgt Ion:105 Resp: 164195

Ion Ratio Lower Upper

105 100

120 25.0 20.6 31.0

77 16.4 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.582 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

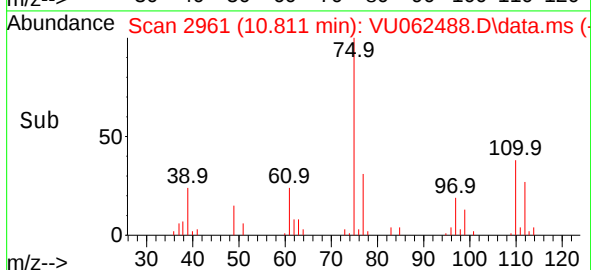
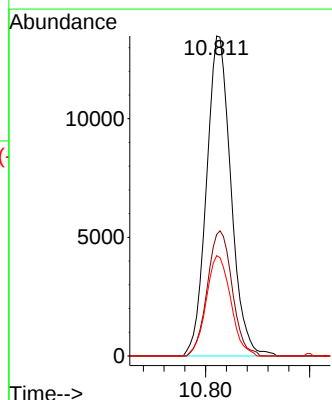
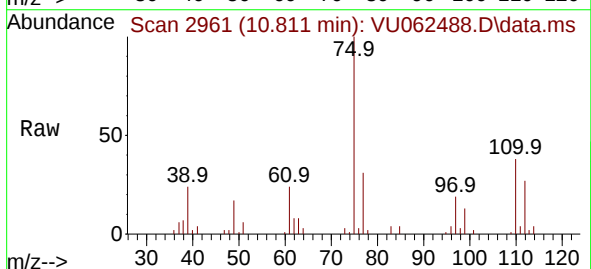
Tgt Ion: 75 Resp: 22005

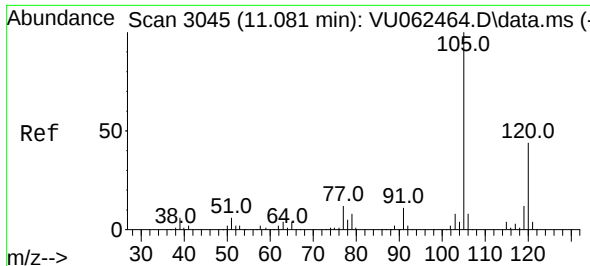
Ion Ratio Lower Upper

75 100

110 39.7 28.9 43.3

77 31.4 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.364 ug/L

RT: 11.077 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

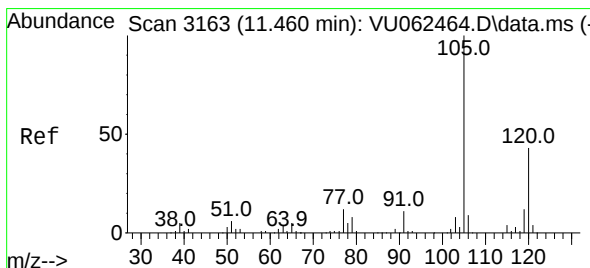
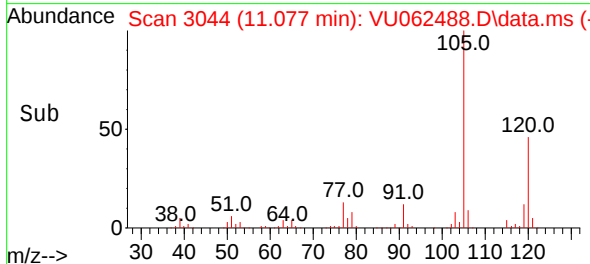
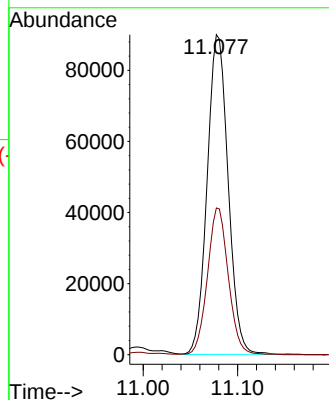
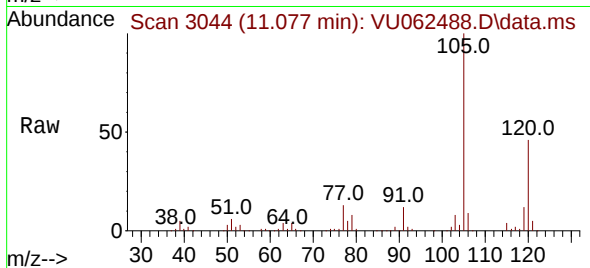
ClientSampleId :

Tgt Ion:105 Resp: 138527

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.511 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062488.D

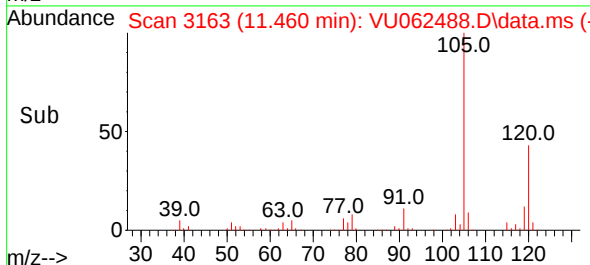
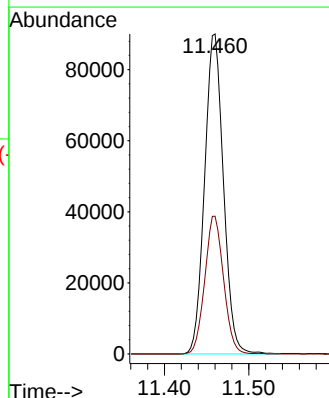
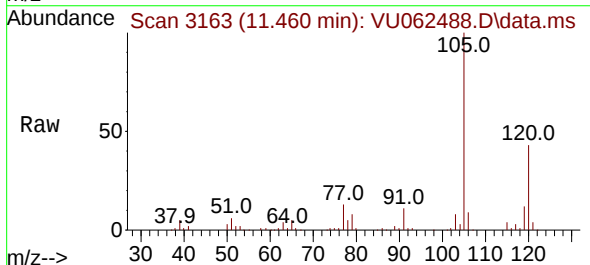
Acq: 19 Dec 2024 20:27

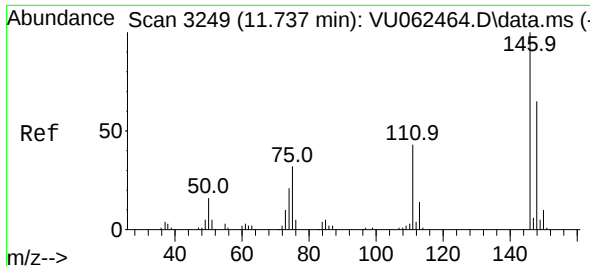
Tgt Ion:105 Resp: 140305

Ion Ratio Lower Upper

105 100

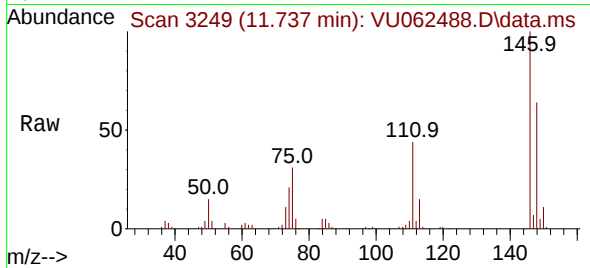
120 42.9 34.7 52.1



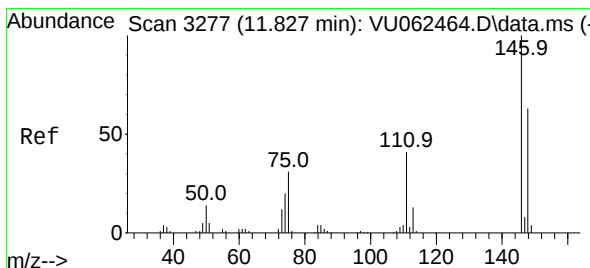
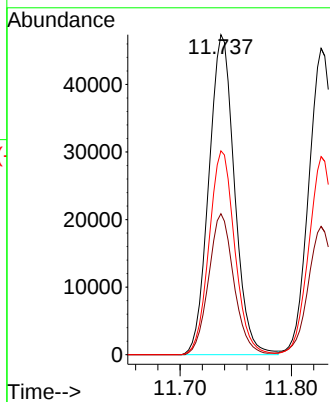
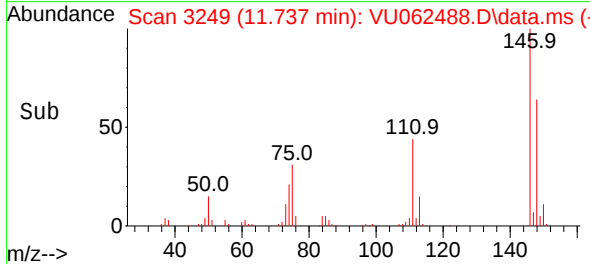


#64
1,3-Dichlorobenzene
Concen: 4.396 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

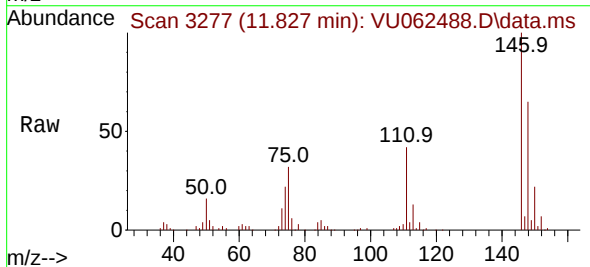
Instrument :
MSVOA_U
ClientSampleId :



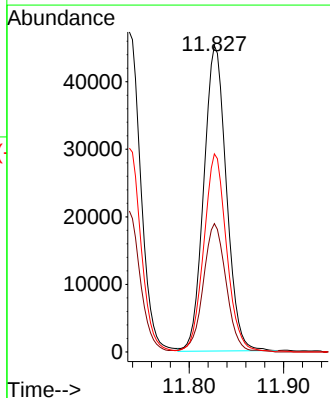
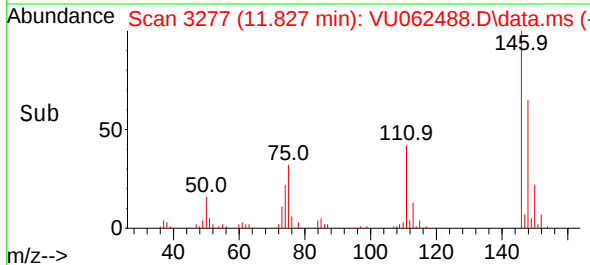
Tgt Ion:146 Resp: 75752
Ion Ratio Lower Upper
146 100
111 44.0 30.7 57.1
148 63.7 45.1 83.7

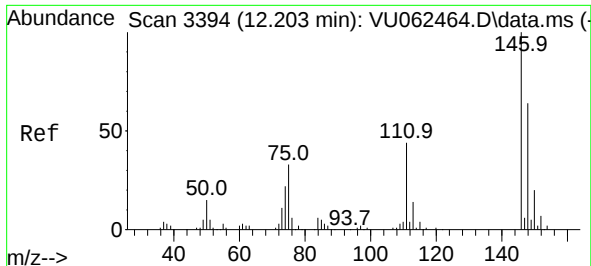


#65
1,4-Dichlorobenzene
Concen: 4.331 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27



Tgt Ion:146 Resp: 75150
Ion Ratio Lower Upper
146 100
111 41.9 29.3 54.3
148 64.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.465 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

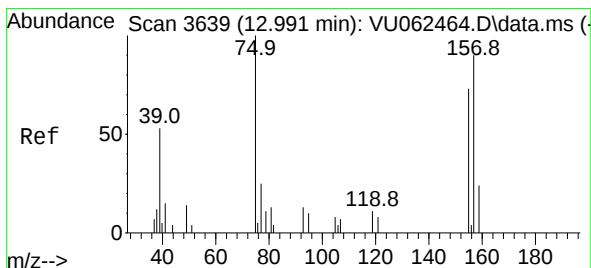
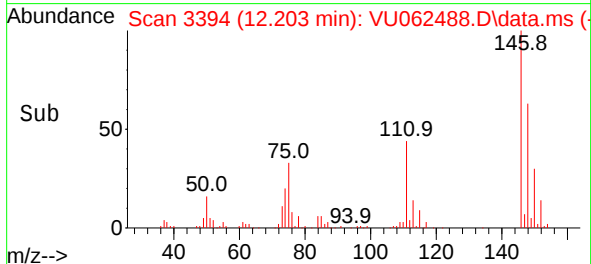
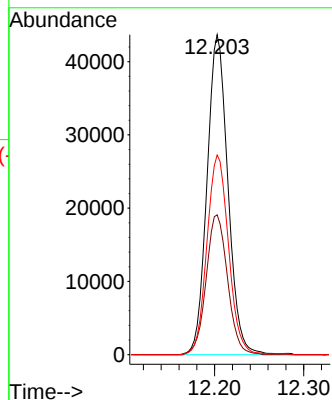
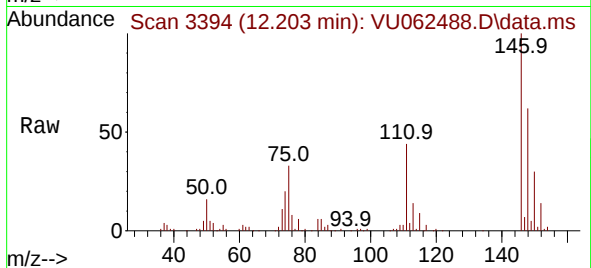
Tgt Ion:146 Resp: 71103

Ion Ratio Lower Upper

146 100

111 43.7 36.0 54.0

148 62.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.080 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

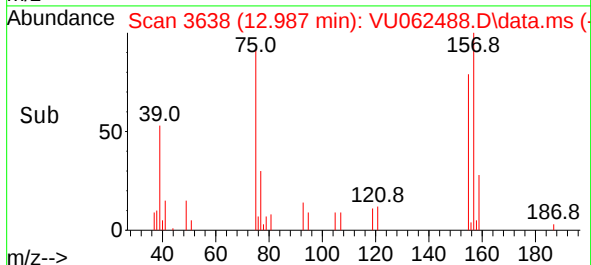
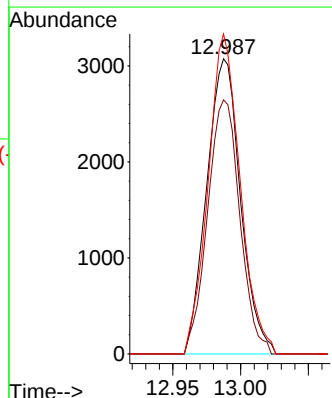
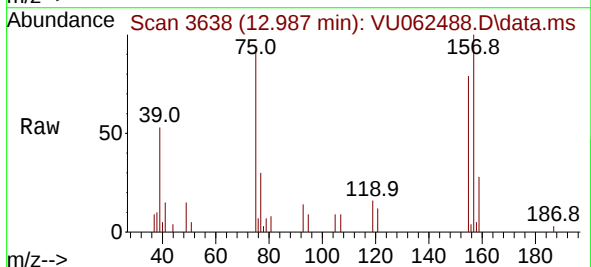
Tgt Ion: 75 Resp: 5321

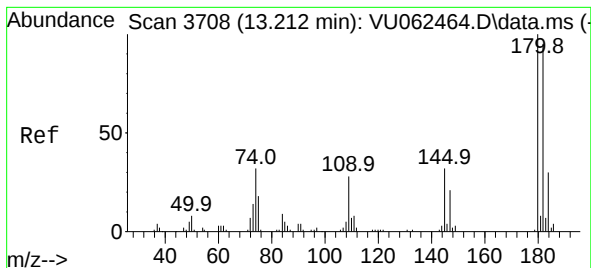
Ion Ratio Lower Upper

75 100

155 86.1 55.2 82.8#

157 108.4 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.438 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

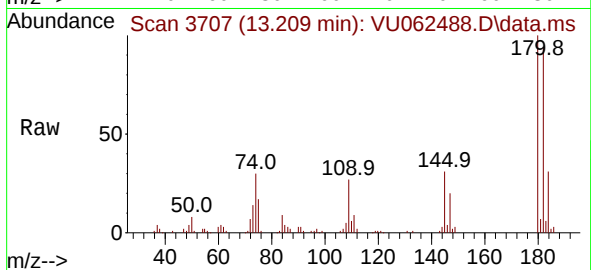
Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 56855

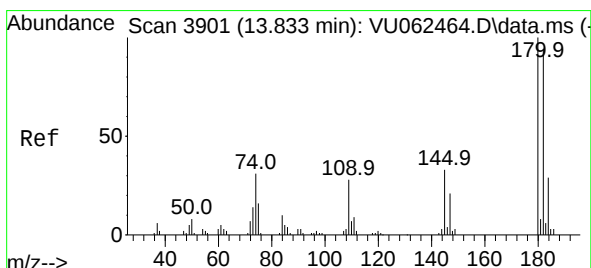
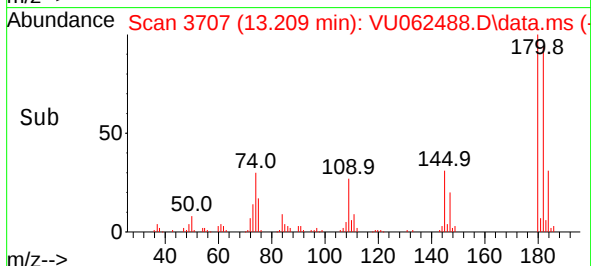
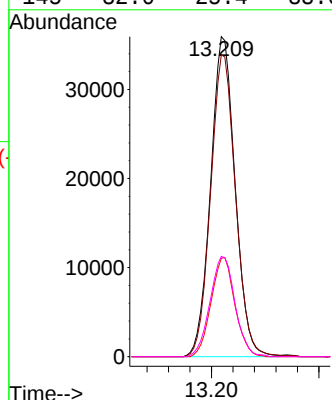
Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

184 30.0 24.8 37.2

145 32.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.531 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062488.D

Acq: 19 Dec 2024 20:27

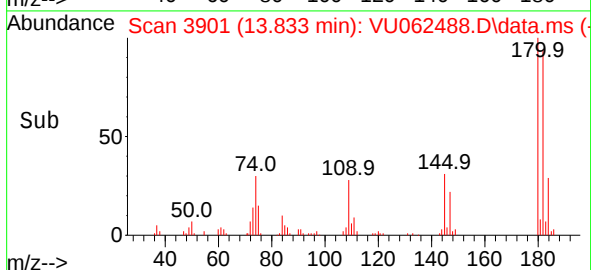
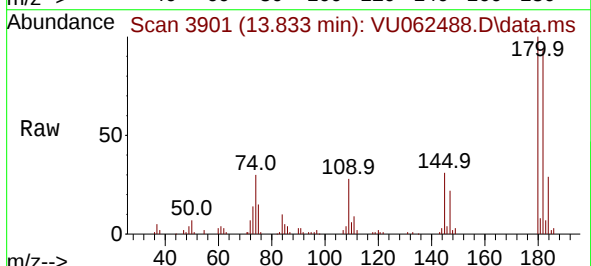
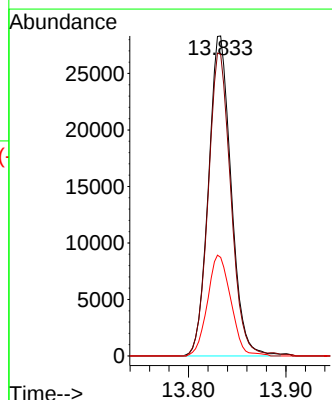
Tgt Ion:180 Resp: 45828

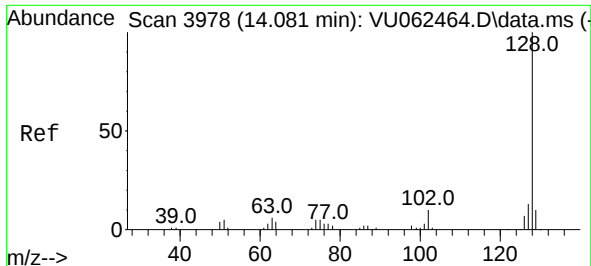
Ion Ratio Lower Upper

180 100

182 94.1 74.5 111.7

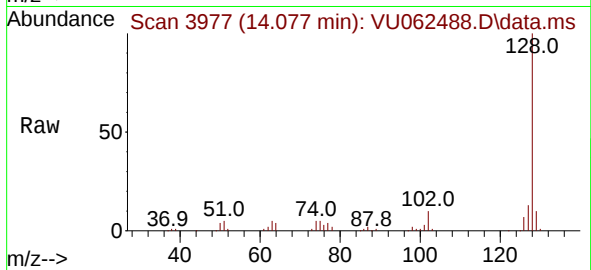
145 32.4 25.6 38.4



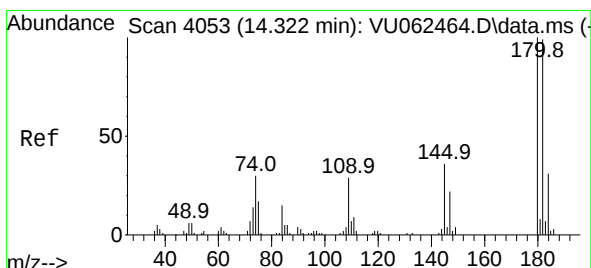
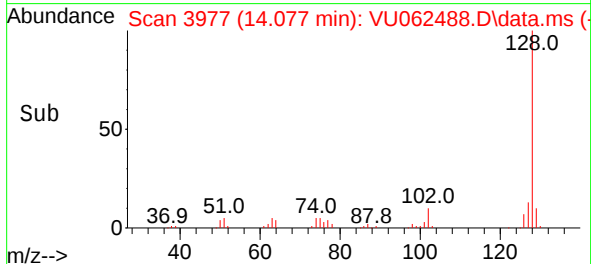
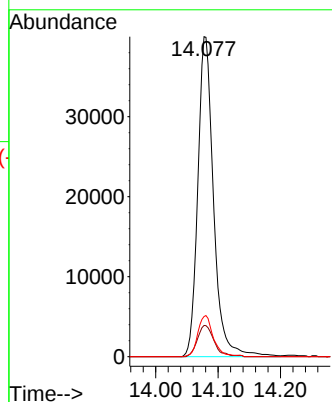


#71
Naphthalene
Concen: 4.627 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 70266
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.464 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062488.D
Acq: 19 Dec 2024 20:27

Tgt Ion:180 Resp: 39814
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 34.5 27.4 41.0

