

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062487.D
 Acq On : 19 Dec 2024 20:02
 Operator : MD/SY
 Sample : P5305-09MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:42:19 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	6.239	114	91342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23189	3.764	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.908	69	18018	4.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	12165	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.621	46	48798	41.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.660%
24) Chloroform-d	5.052	84	60370	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	31273	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	102817	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.679	67	27907	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.888	98	102024	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	14274	4.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.624	63	38258	39.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24134	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	37966	4.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	35399	4.137	ug/L	99
3) Chloromethane	1.515	50	26478	3.948	ug/L	98
5) Vinyl chloride	1.599	62	29575	4.235	ug/L	97
6) Bromomethane	1.853	94	21042	4.521	ug/L	97
8) Chloroethane	1.927	64	17790	4.549	ug/L	97
9) Trichlorofluoromethane	2.133	101	61410	5.067	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26897	4.077	ug/L	90
12) 1,1-Dichloroethene	2.573	96	26812	4.347	ug/L	89
13) Acetone	2.637	43	43910	54.618	ug/L	99
14) Carbon disulfide	2.785	76	76231	3.909	ug/L	99
15) Methyl Acetate	2.949	43	7933	3.937	ug/L #	84
16) Methylene chloride	3.036	84	29991	4.632	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	75206	4.895	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	28374	4.478	ug/L	88
19) 1,1-Dichloroethane	3.856	63	53138	4.575	ug/L	98
21) 2-Butanone	4.698	43	60540	51.853	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	32667	4.599	ug/L	95
23) Bromochloromethane	4.962	128	15886	5.102	ug/L #	75
25) Chloroform	5.078	83	65760	5.026	ug/L	99

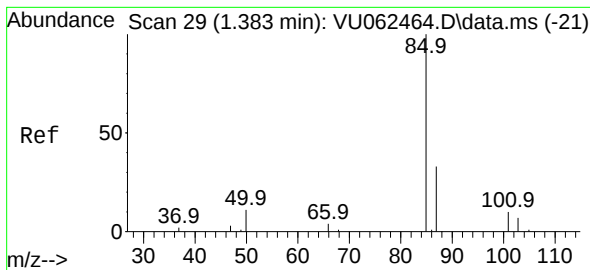
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44614	5.366	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	63247	5.095	ug/L	94
30) Cyclohexane	5.377	56	41530	4.126	ug/L	91
31) Carbon tetrachloride	5.512	117	58092	5.103	ug/L	97
33) Benzene	5.763	78	131955	4.825	ug/L	100
34) Trichloroethene	6.534	95	35709	4.610	ug/L	94
35) Methylcyclohexane	6.753	83	45657	3.975	ug/L	94
37) 1,2-Dichloropropane	6.782	63	29581	4.442	ug/L	99
38) Bromodichloromethane	7.097	83	47504	5.056	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	48750	4.567	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	145741	46.694	ug/L #	91
42) Toluene	7.959	91	164950	5.594	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	42434	4.868	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	25765	5.125	ug/L	96
47) Tetrachloroethene	8.544	164	93249	15.591	ug/L	96
48) 2-Hexanone	8.676	43	108889	47.207	ug/L #	94
49) Dibromochloromethane	8.798	129	32337	5.324	ug/L	93
50) 1,2-Dibromoethane	8.914	107	24627	5.098	ug/L #	98
51) Chlorobenzene	9.438	112	88444	4.681	ug/L	95
52) Ethylbenzene	9.560	91	161584	4.887	ug/L	100
53) m,p-Xylene	9.685	106	61950	5.075	ug/L	94
54) o-Xylene	10.090	106	58535	4.931	ug/L	96
55) Styrene	10.107	104	91306	4.666	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	27986	4.783	ug/L #	95
59) Bromoform	10.280	173	19144	5.140	ug/L #	97
60) Isopropylbenzene	10.473	105	153267	4.477	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	21181	4.833	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	128370	4.431	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	129719	4.570	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	70352	4.474	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	68147	4.303	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	67357	4.635	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5083	5.317	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.209	180	46762	4.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	36332	3.936	ug/L	97
71) Naphthalene	14.081	128	59023	4.259	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	33868	4.161	ug/L	99

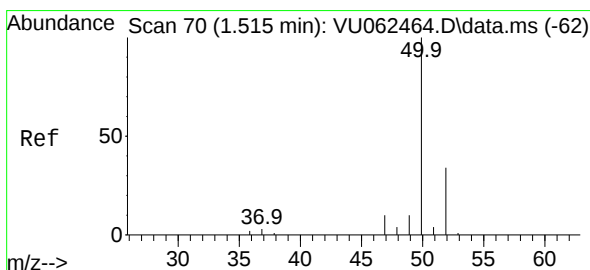
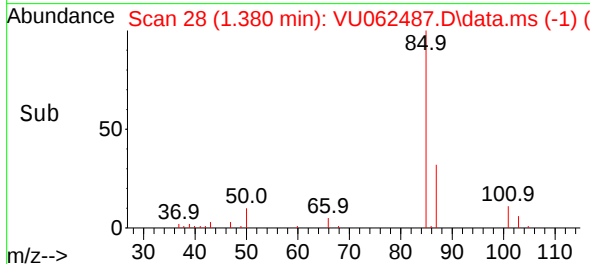
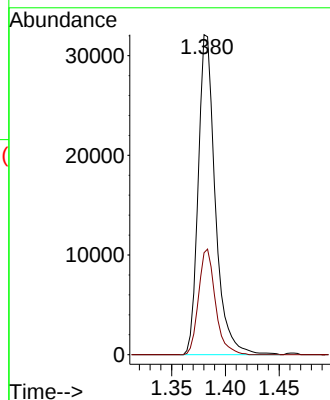
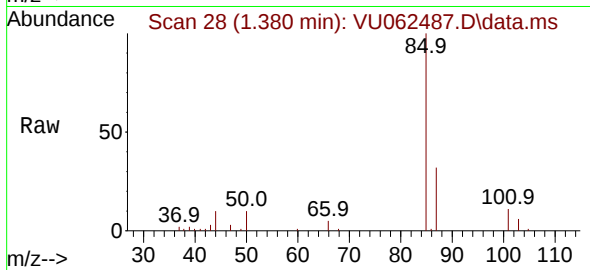
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.137 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

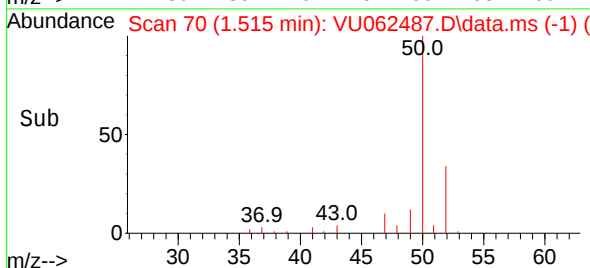
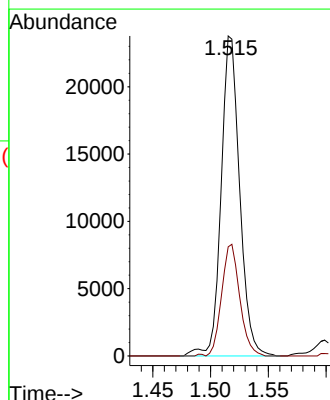
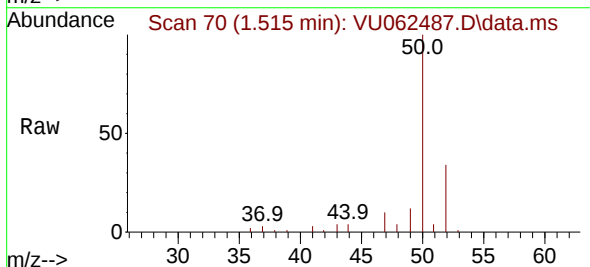
Instrument :
 MSVOA_U
 ClientSampleId :

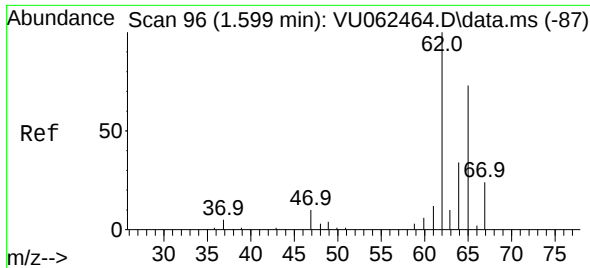
Tgt Ion: 85 Resp: 35399
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 40.0



#3
 Chloromethane
 Concen: 3.948 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

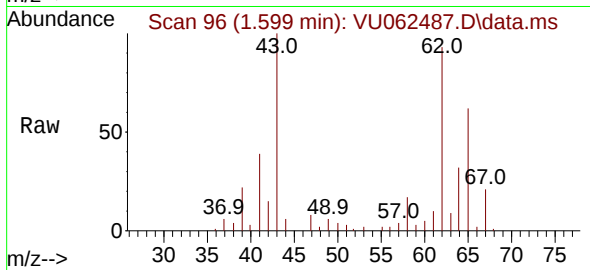
Tgt Ion: 50 Resp: 26478
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.1 42.9



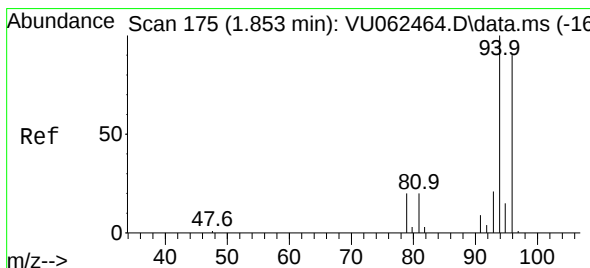
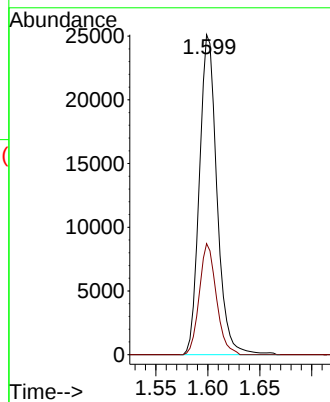
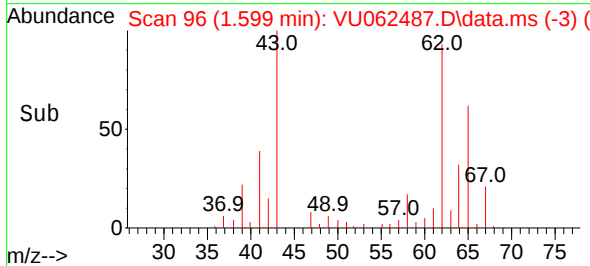


#5
 Vinyl chloride
 Concen: 4.235 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

Instrument :
 MSVOA_U
 ClientSampleId :

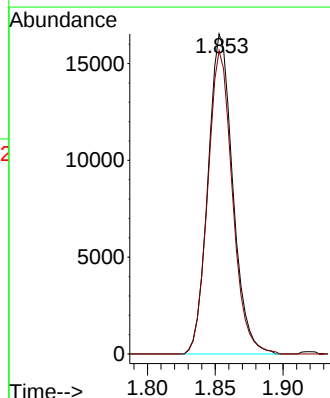
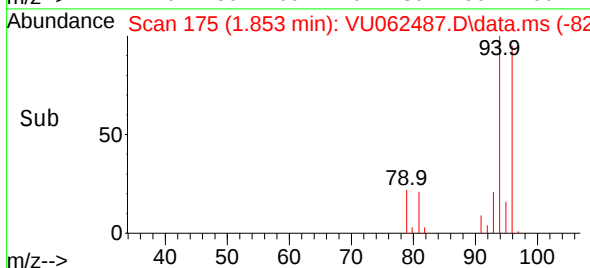
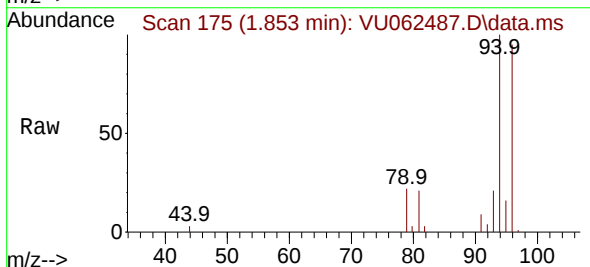


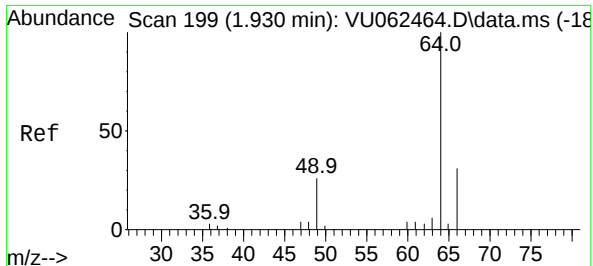
Tgt Ion: 62 Resp: 29575
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.521 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

Tgt Ion: 94 Resp: 21042
 Ion Ratio Lower Upper
 94 100
 96 94.8 64.5 119.9

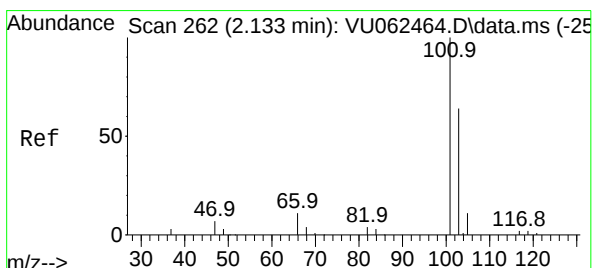
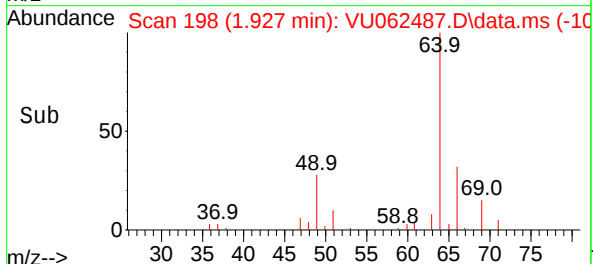
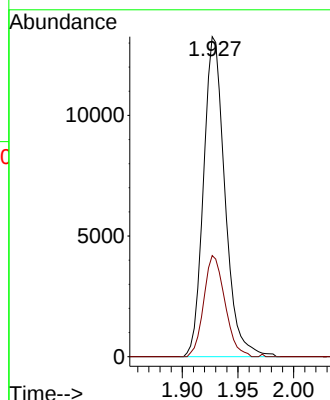
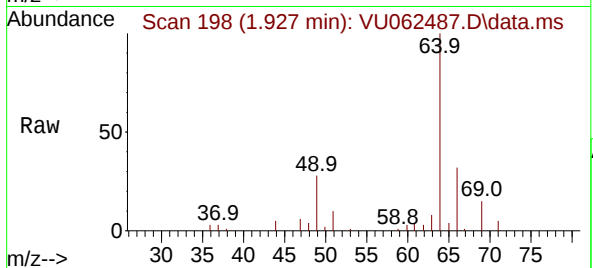




#8
Chloroethane
Concen: 4.549 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

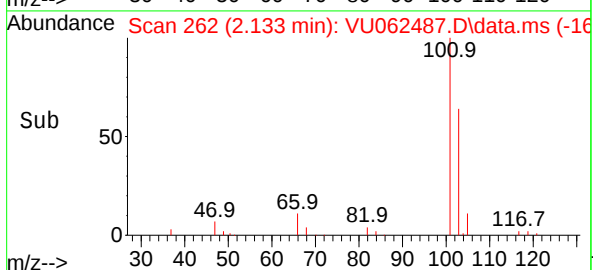
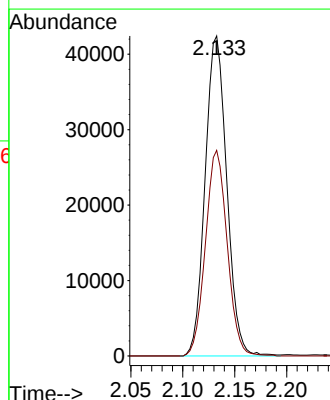
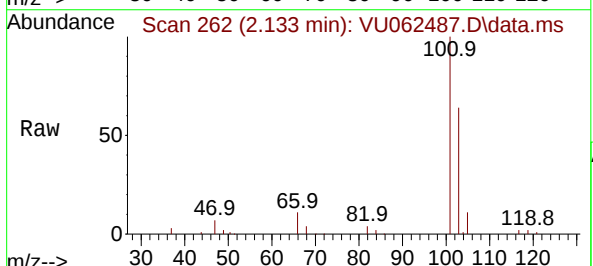
Instrument :
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ClientSampleId :

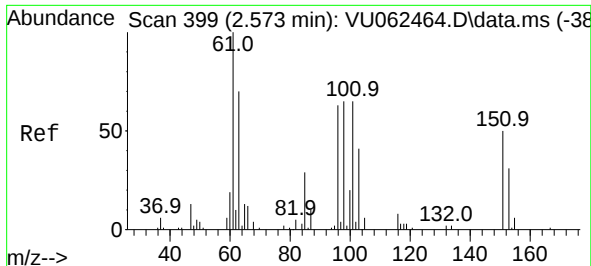
Tgt Ion: 64 Resp: 17790
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.067 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion:101 Resp: 61410
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

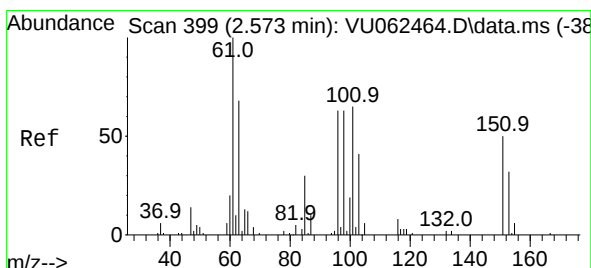
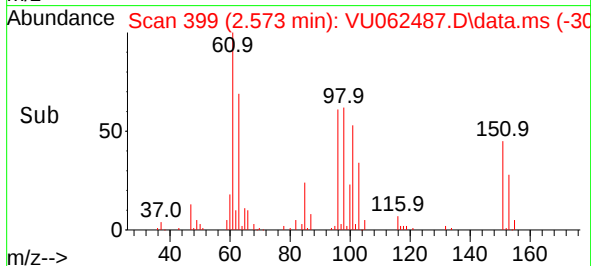
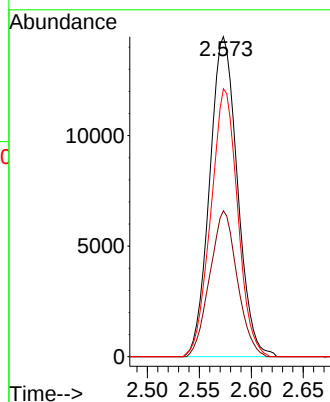
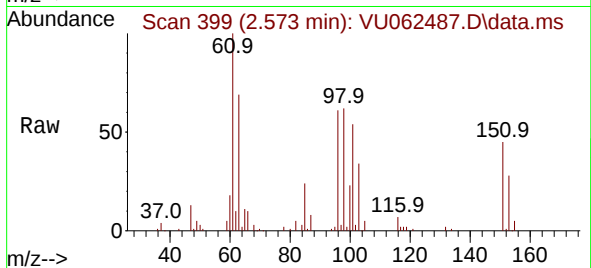




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.077 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

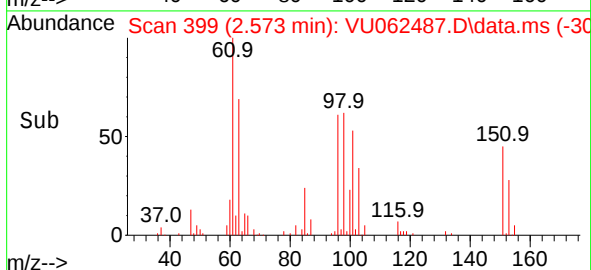
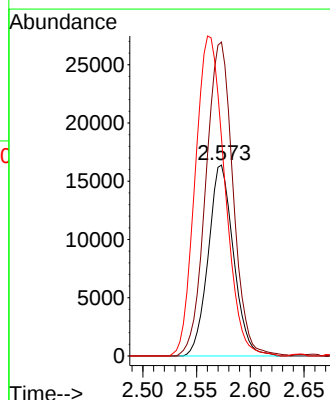
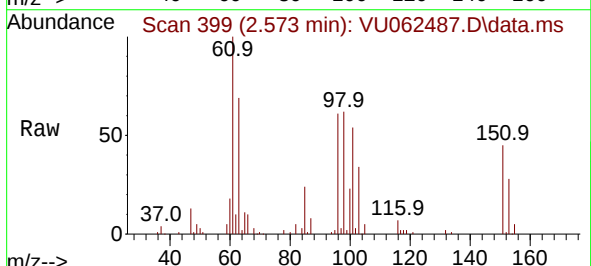
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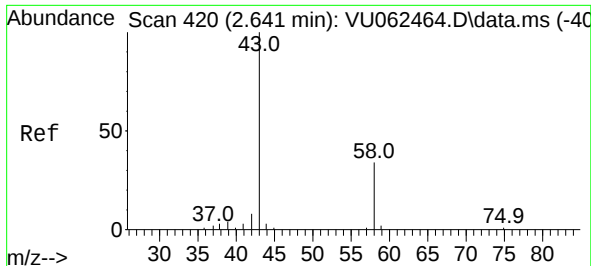
Tgt Ion:101 Resp: 26897
 Ion Ratio Lower Upper
 101 100
 85 45.1 38.0 57.0
 151 81.0 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.347 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

Tgt Ion: 96 Resp: 26812
 Ion Ratio Lower Upper
 96 100
 61 164.4 119.6 222.2
 63 114.2 65.0 120.6





#13

Acetone

Concen: 54.618 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

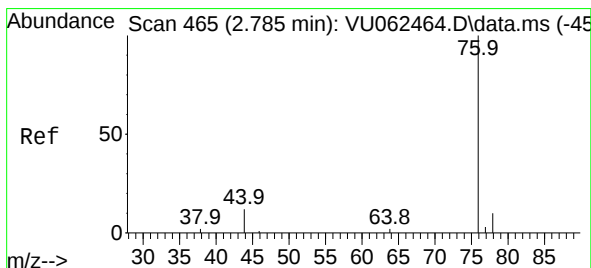
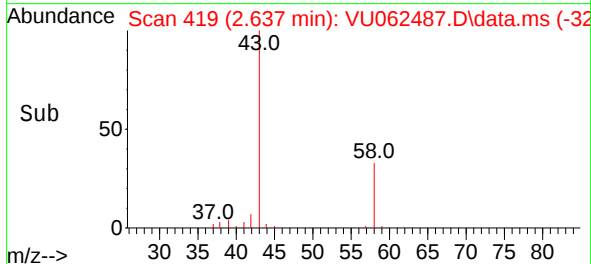
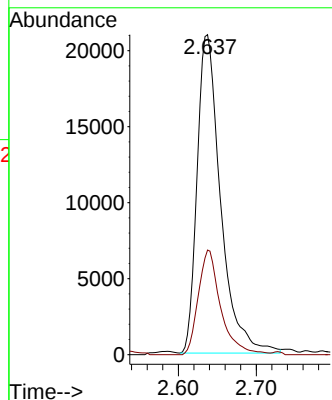
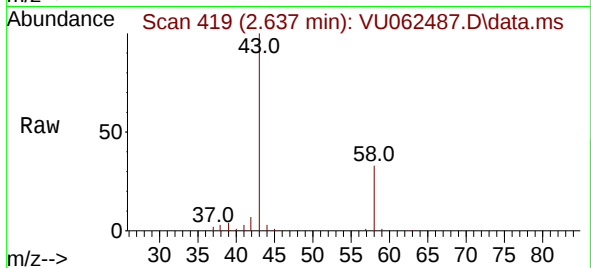
ClientSampleId :

Tgt Ion: 43 Resp: 43910

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.0



#14

Carbon disulfide

Concen: 3.909 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062487.D

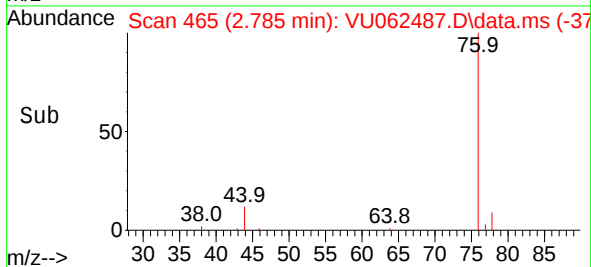
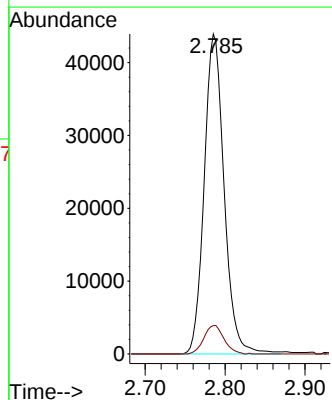
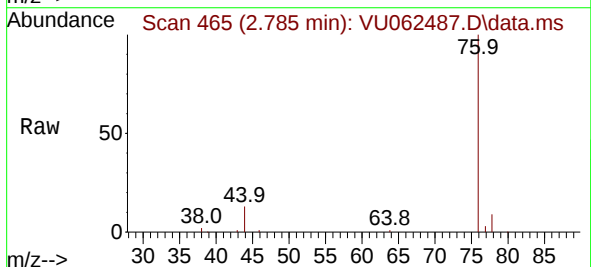
Acq: 19 Dec 2024 20:02

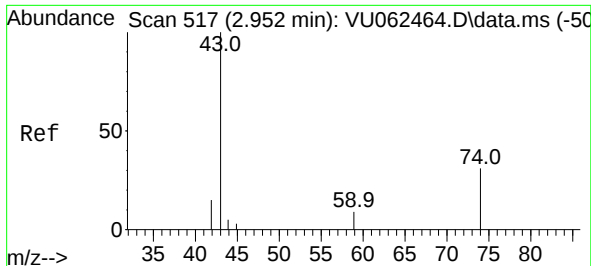
Tgt Ion: 76 Resp: 76231

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 3.937 ug/L

RT: 2.949 min Scan# 517

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

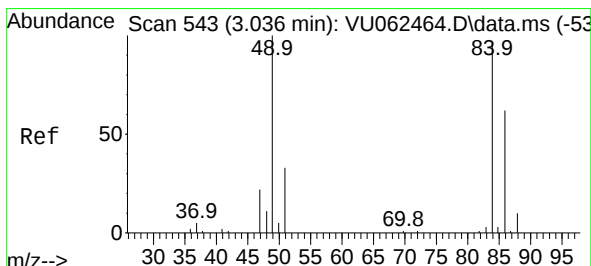
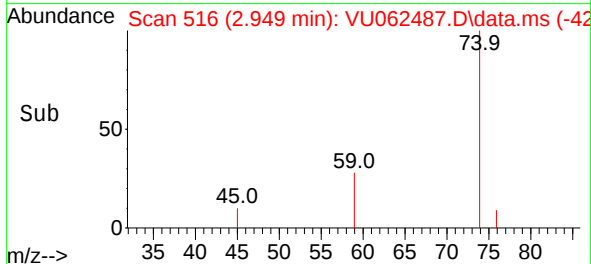
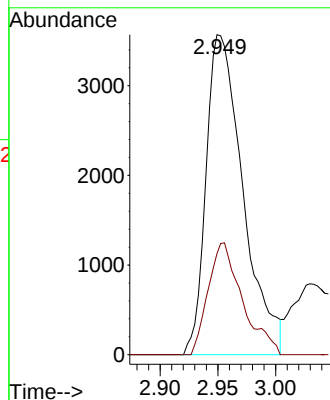
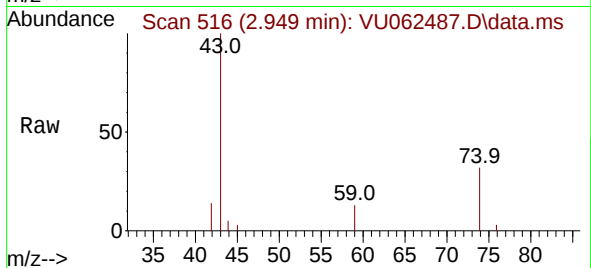
ClientSampleId :

Tgt Ion: 43 Resp: 7933

Ion Ratio Lower Upper

43 100

74 32.4 19.4 29.2#



#16

Methylene chloride

Concen: 4.632 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

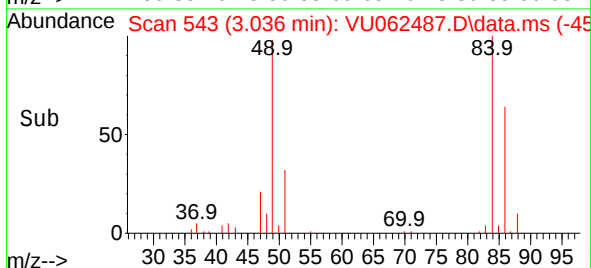
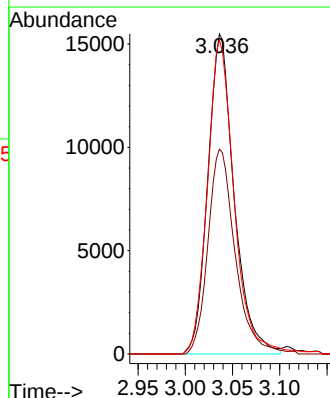
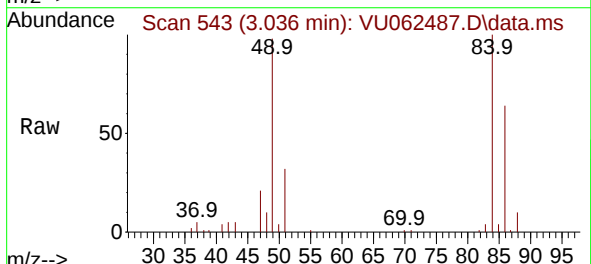
Tgt Ion: 84 Resp: 29991

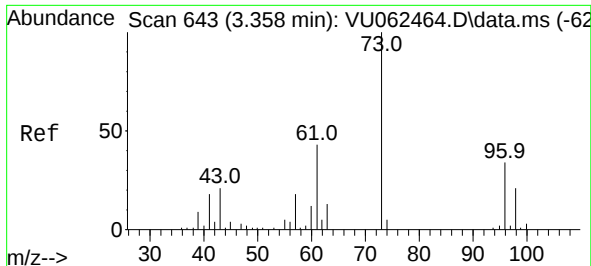
Ion Ratio Lower Upper

84 100

86 64.0 43.5 80.7

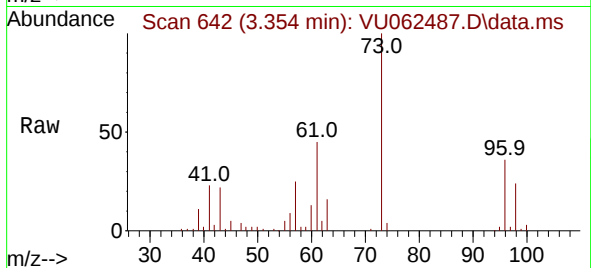
49 98.2 81.9 152.1



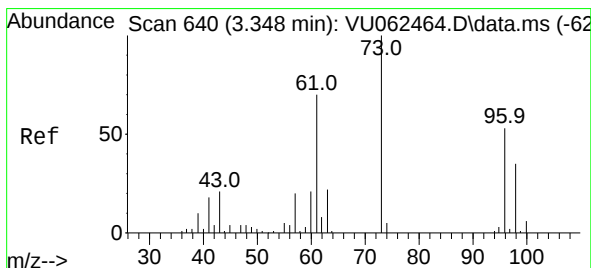
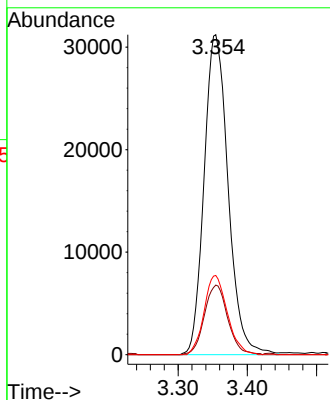
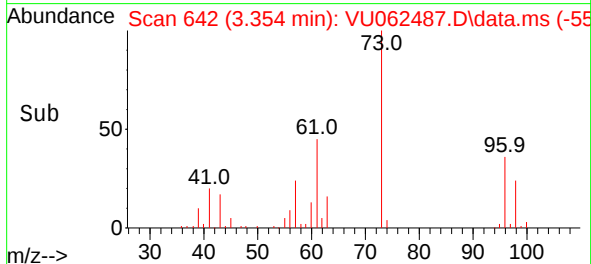


#17
Methyl tert-butyl Ether
Concen: 4.895 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

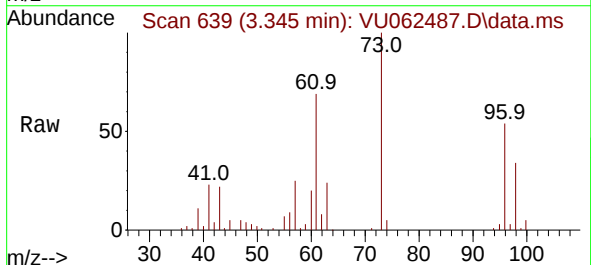
Instrument :
MSVOA_U
ClientSampleId :



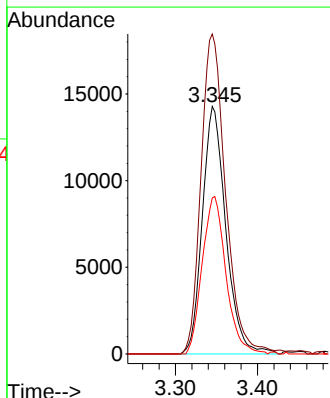
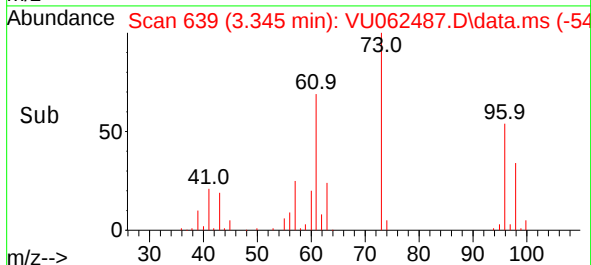
Tgt Ion: 73 Resp: 75206
Ion Ratio Lower Upper
73 100
43 21.1 16.3 24.5
57 23.8 17.1 25.7

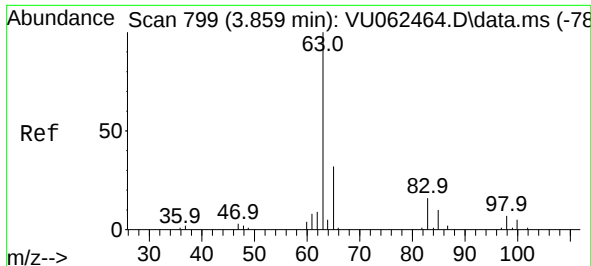


#18
trans-1,2-Dichloroethene
Concen: 4.478 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02



Tgt Ion: 96 Resp: 28374
Ion Ratio Lower Upper
96 100
61 129.3 104.2 193.4
98 63.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.575 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

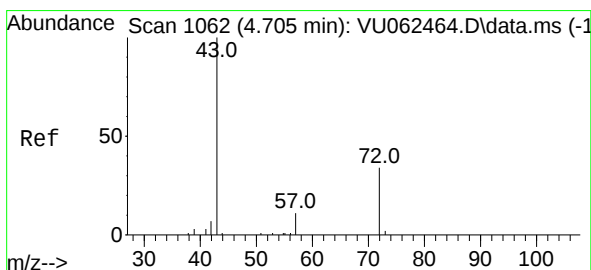
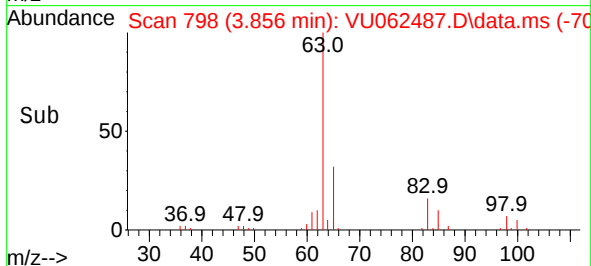
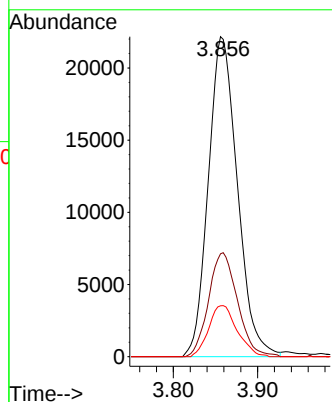
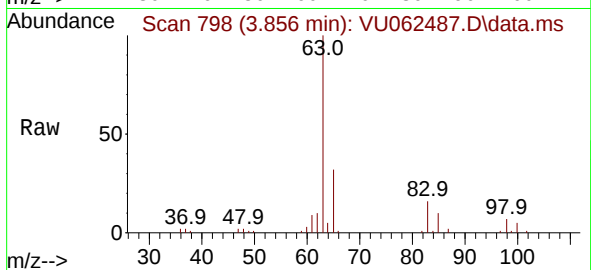
Tgt Ion: 63 Resp: 53138

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 15.9 9.9 18.3



#21

2-Butanone

Concen: 51.853 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VU062487.D

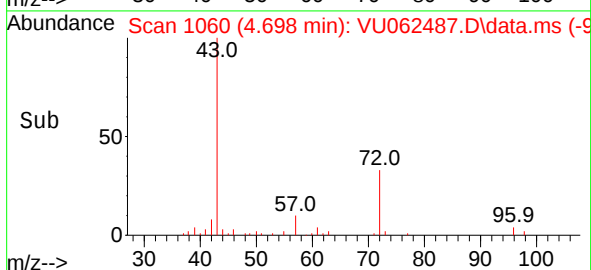
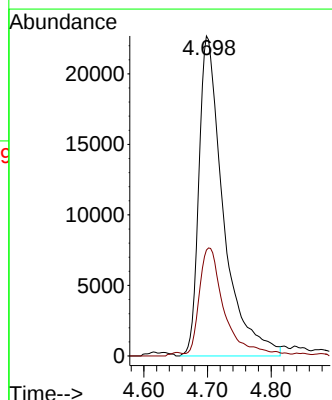
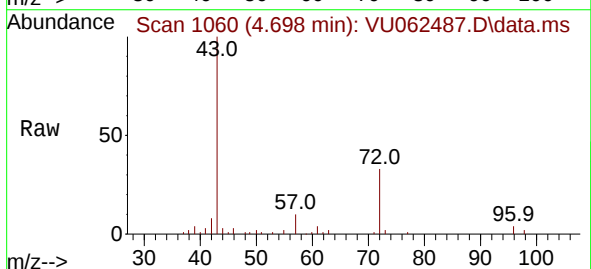
Acq: 19 Dec 2024 20:02

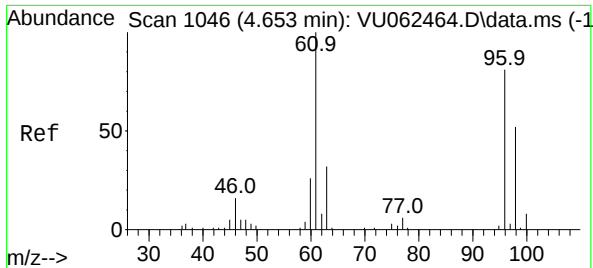
Tgt Ion: 43 Resp: 60540

Ion Ratio Lower Upper

43 100

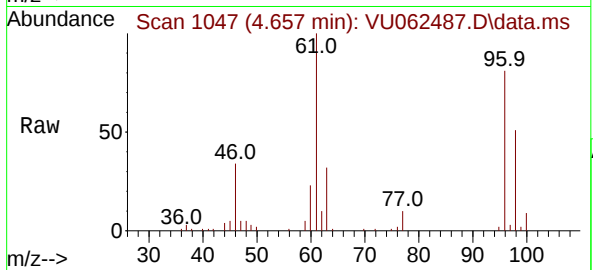
72 32.7 14.8 44.4





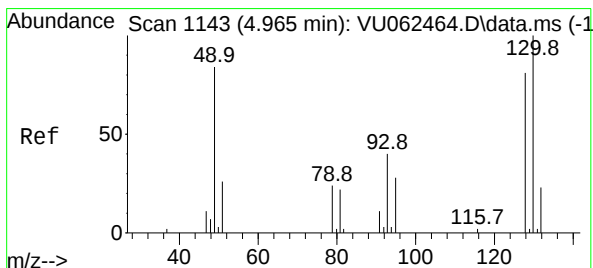
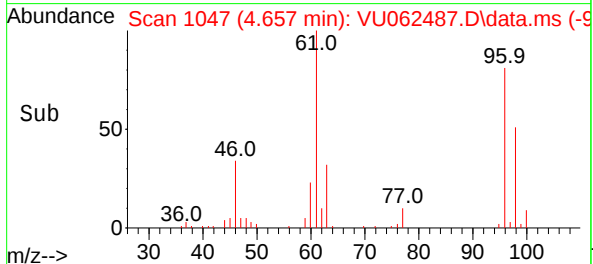
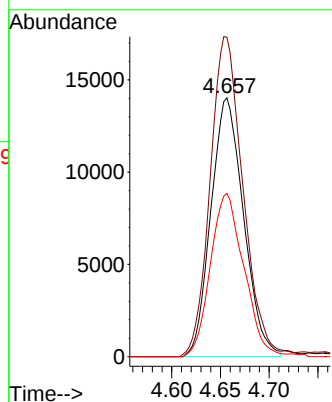
#22
cis-1,2-Dichloroethene
Concen: 4.599 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 32667

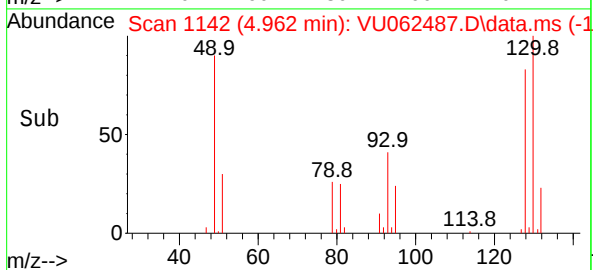
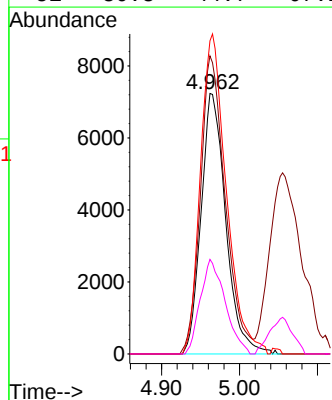
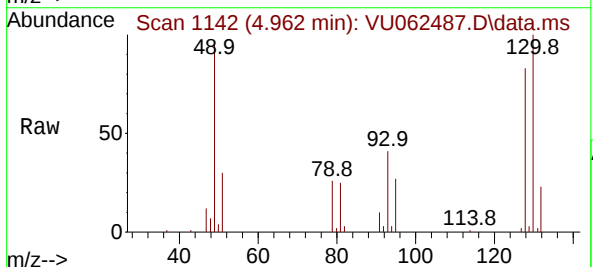
Ion	Ratio	Lower	Upper
96	100		
61	123.4	92.0	170.8
98	63.1	44.5	82.7

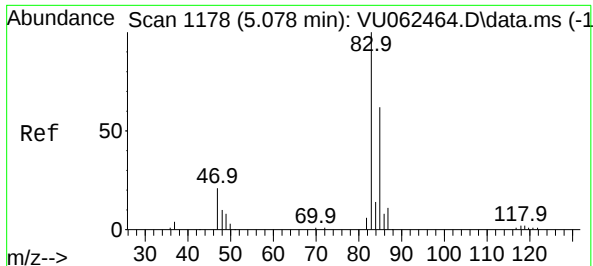


#23
Bromochloromethane
Concen: 5.102 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion:128 Resp: 15886

Ion	Ratio	Lower	Upper
128	100		
49	114.4	115.3	214.1#
130	120.2	92.0	170.8
51	36.3	44.7	67.1#





#25

Chloroform

Concen: 5.026 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

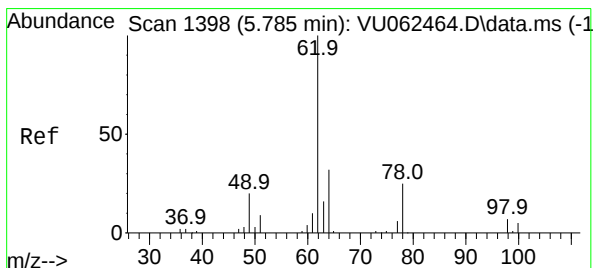
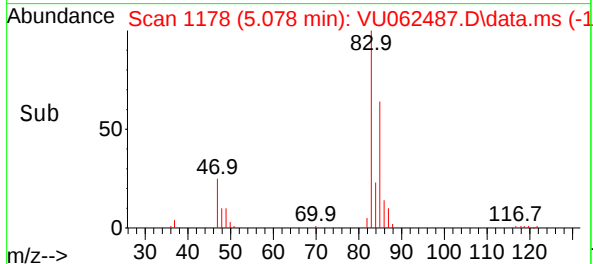
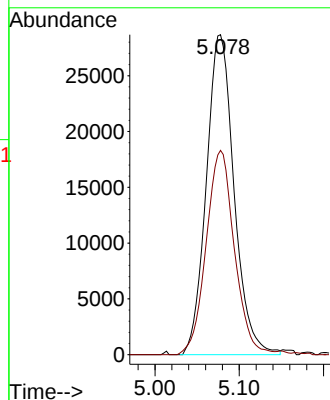
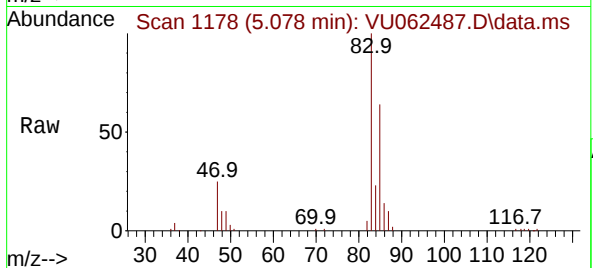
ClientSampleId :

Tgt Ion: 83 Resp: 65760

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.366 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062487.D

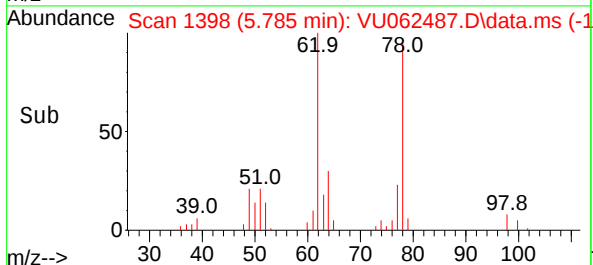
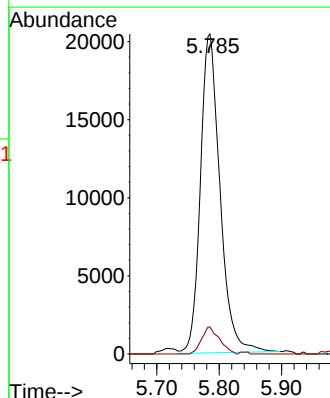
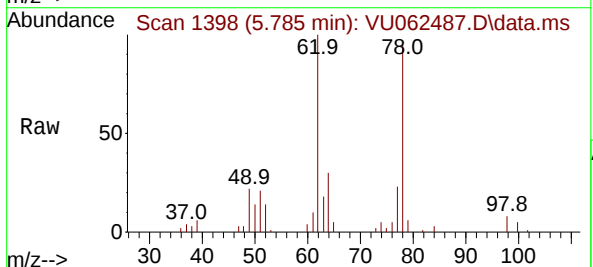
Acq: 19 Dec 2024 20:02

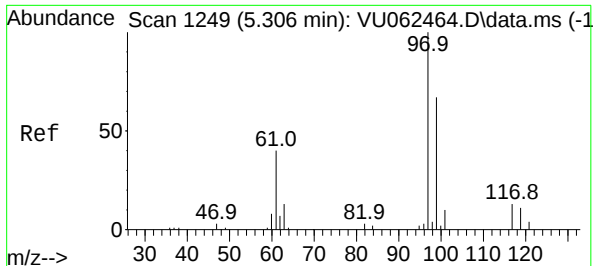
Tgt Ion: 62 Resp: 44614

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0

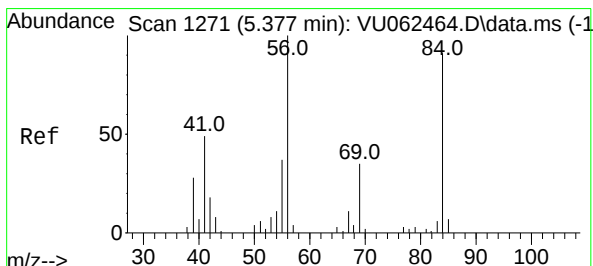
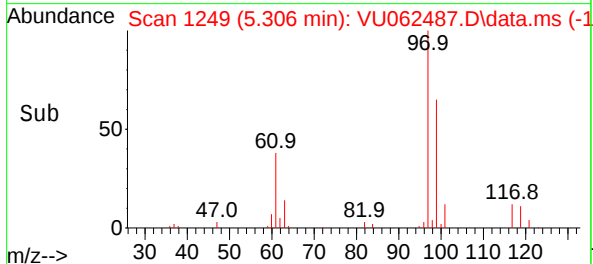
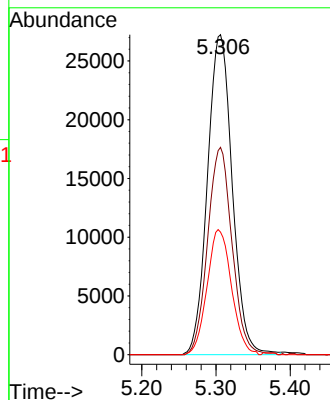
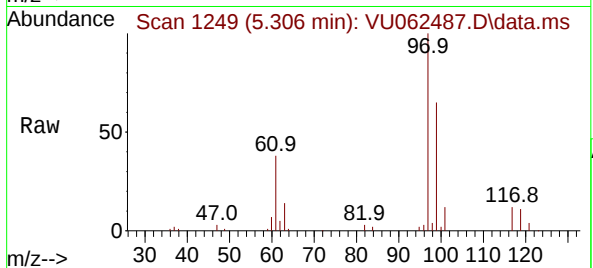




#29
1,1,1-Trichloroethane
Concen: 5.095 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

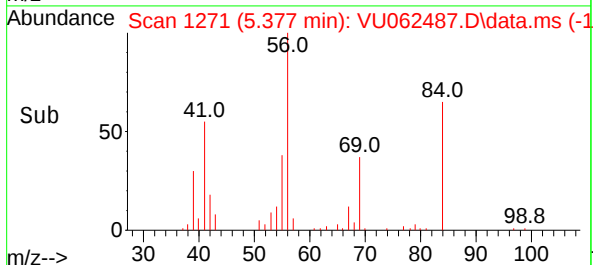
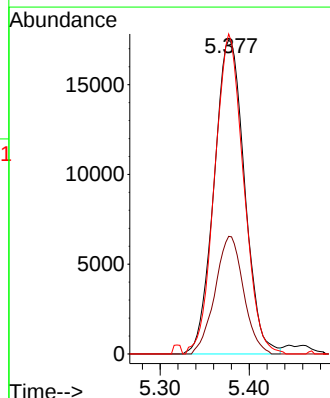
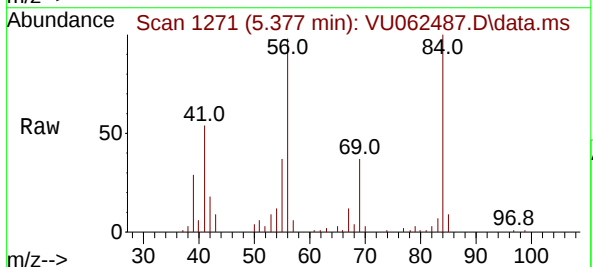
Instrument :
MSVOA_U
ClientSampleId :

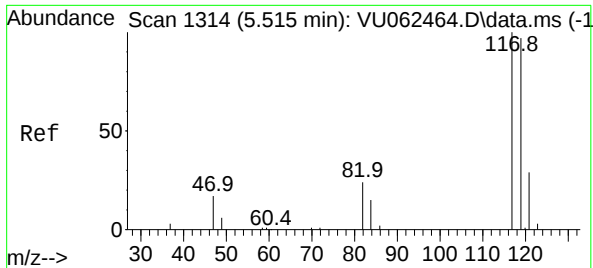
Tgt Ion: 97 Resp: 63247
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 38.4 37.8 56.6



#30
Cyclohexane
Concen: 4.126 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion: 56 Resp: 41530
Ion Ratio Lower Upper
56 100
69 35.0 25.1 37.7
84 96.9 70.6 105.8

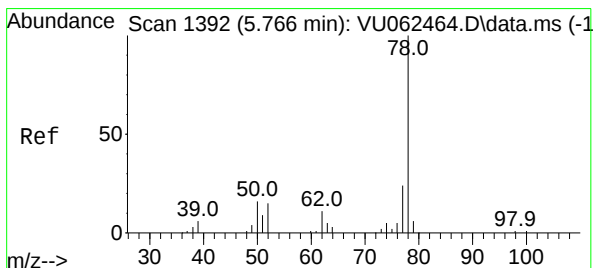
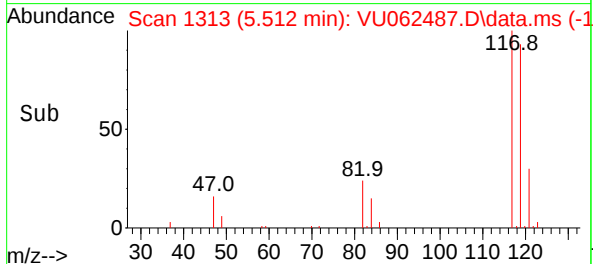
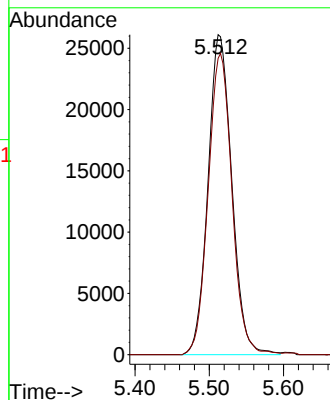
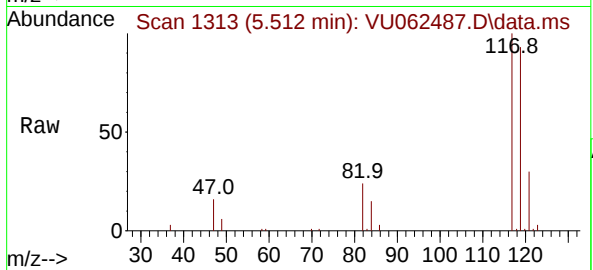




#31
Carbon tetrachloride
Concen: 5.103 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

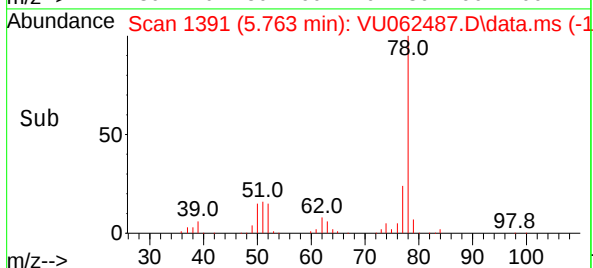
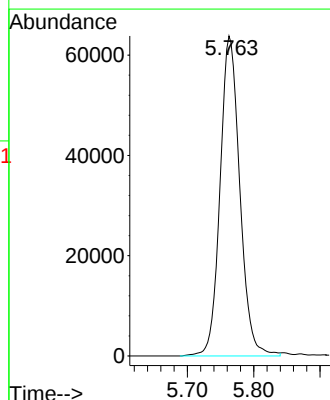
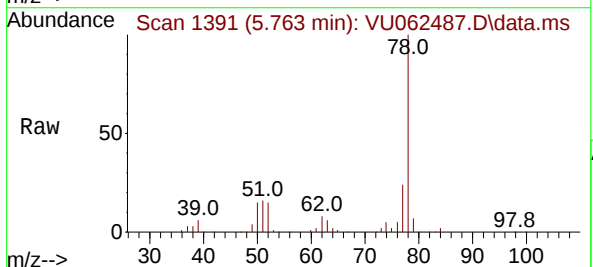
Instrument :
MSVOA_U
ClientSampleId :

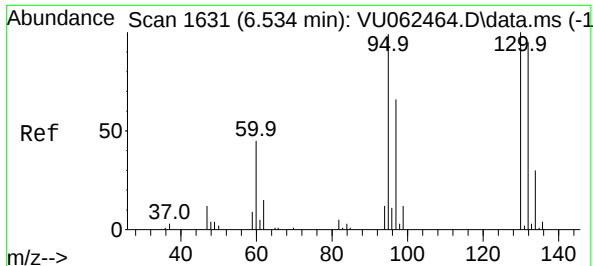
Tgt Ion:117 Resp: 58092
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3



#33
Benzene
Concen: 4.825 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion: 78 Resp: 131955





#34

Trichloroethene

Concen: 4.610 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35709

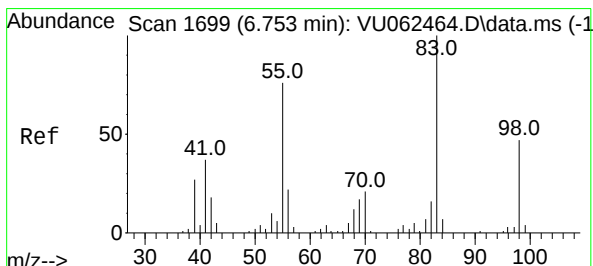
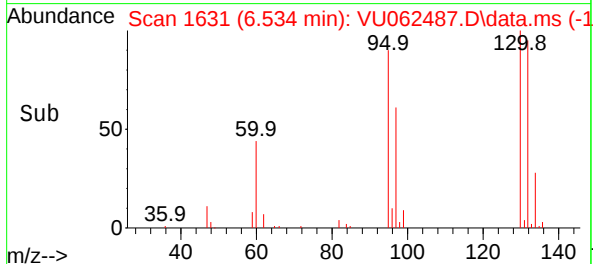
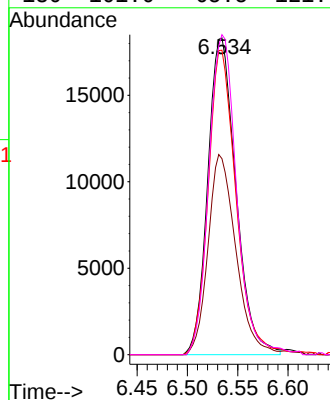
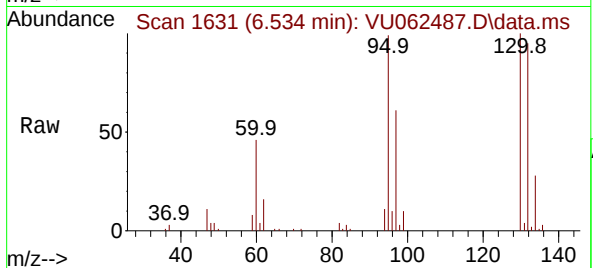
Ion Ratio Lower Upper

95 100

97 61.9 45.9 85.3

132 96.1 63.8 118.4

130 101.0 65.5 121.7



#35

Methylcyclohexane

Concen: 3.975 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

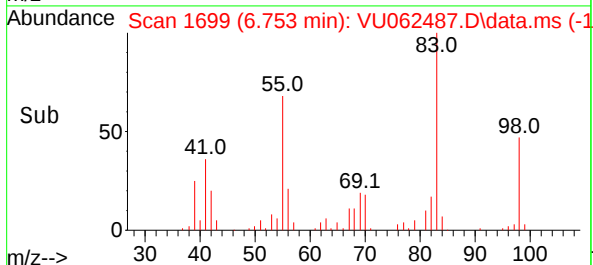
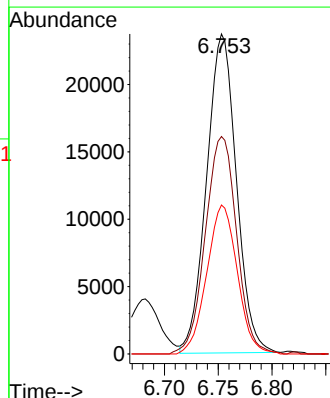
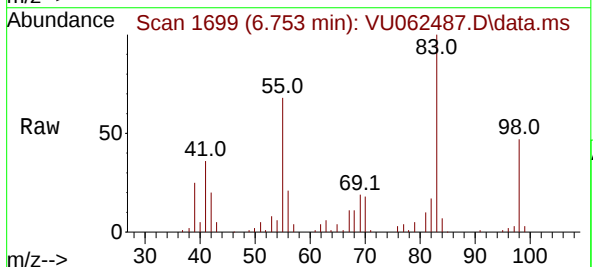
Tgt Ion: 83 Resp: 45657

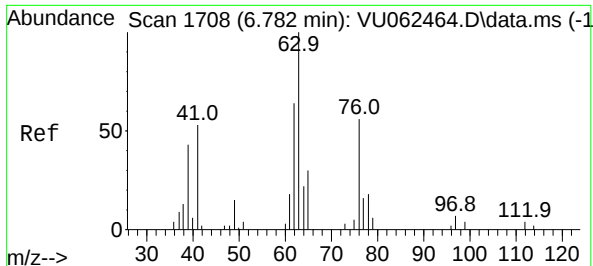
Ion Ratio Lower Upper

83 100

55 71.7 60.7 91.1

98 47.8 34.8 52.2

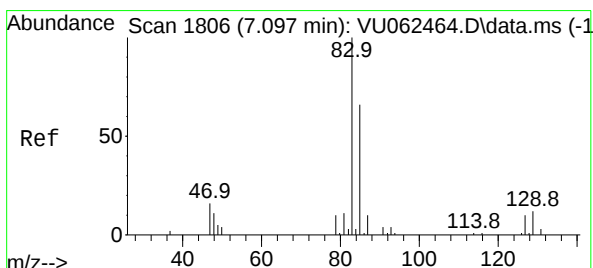
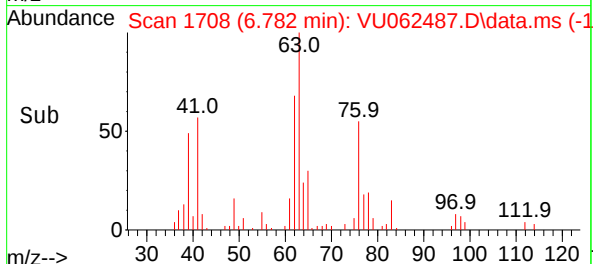
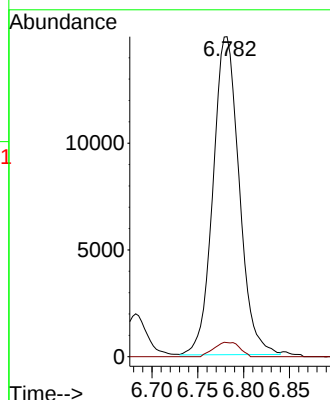
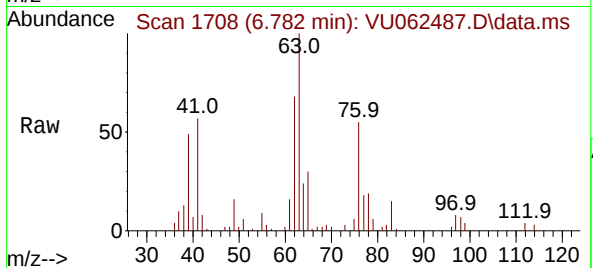




#37
1,2-Dichloropropane
Concen: 4.442 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

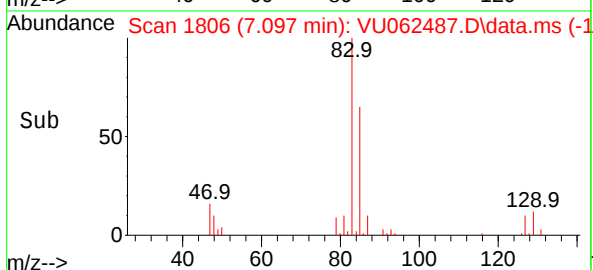
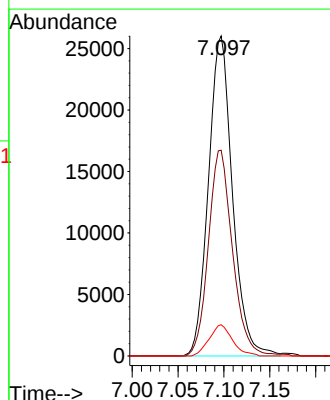
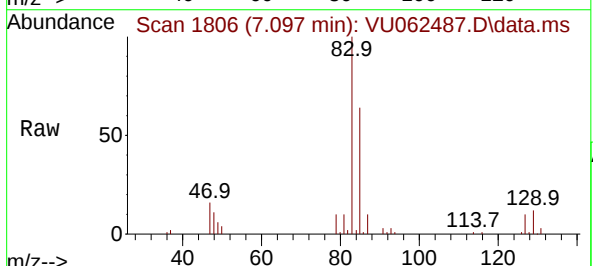
Instrument :
MSVOA_U
ClientSampleId :

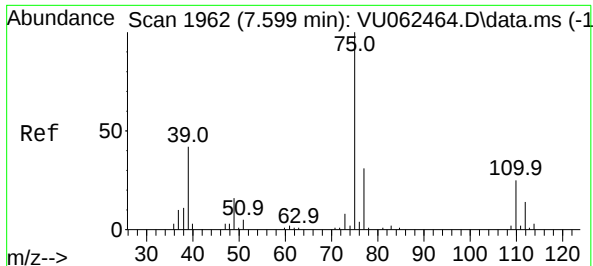
Tgt Ion: 63 Resp: 29581
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.056 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion: 83 Resp: 47504
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
127 9.7 6.9 10.3

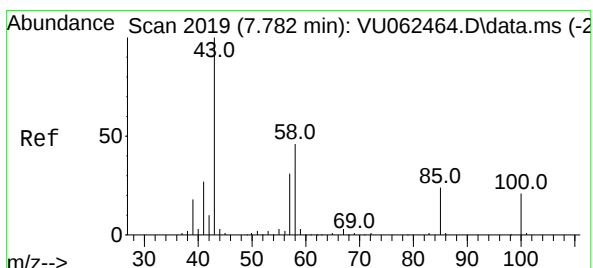
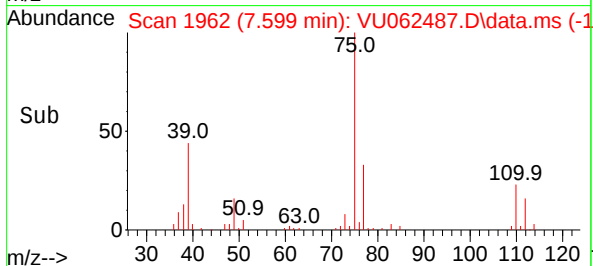
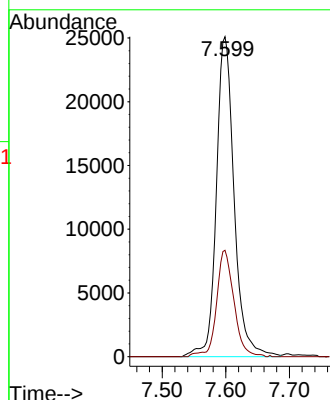
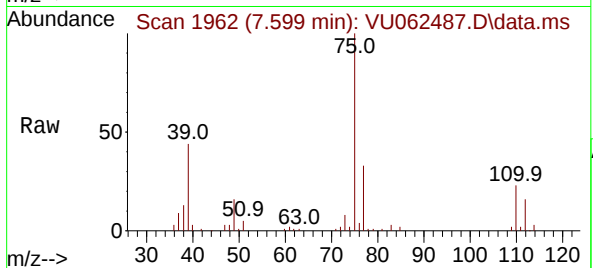




#39
 cis-1,3-Dichloropropene
 Concen: 4.567 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

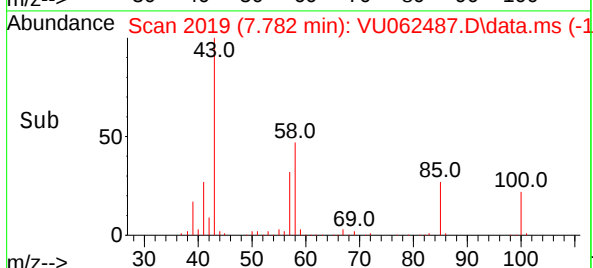
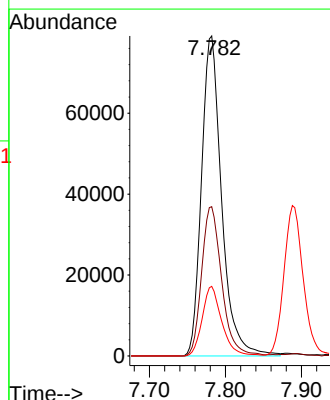
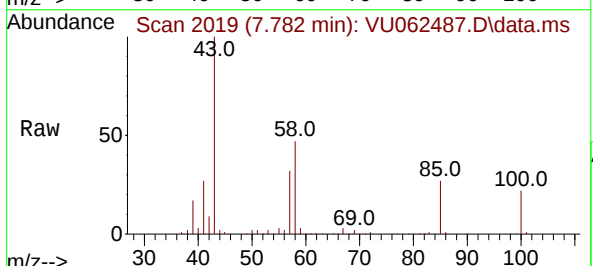
Instrument :
 MSVOA_U
 ClientSampleId :

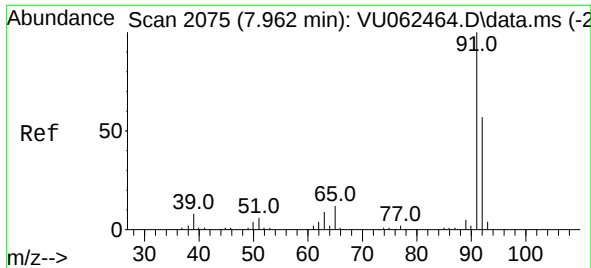
Tgt Ion: 75 Resp: 48750
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.694 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062487.D
 Acq: 19 Dec 2024 20:02

Tgt Ion: 43 Resp: 145741
 Ion Ratio Lower Upper
 43 100
 58 46.5 33.3 49.9
 100 21.1 12.4 18.6#





#42

Toluene

Concen: 5.594 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

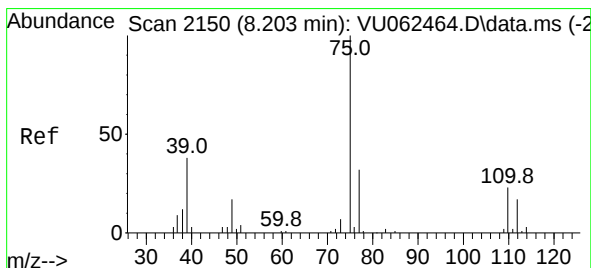
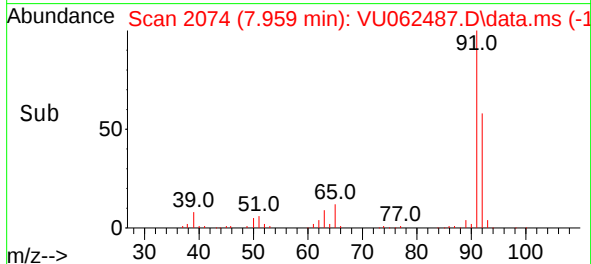
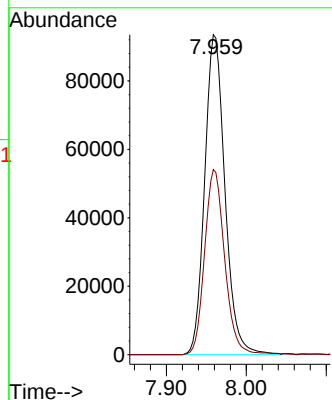
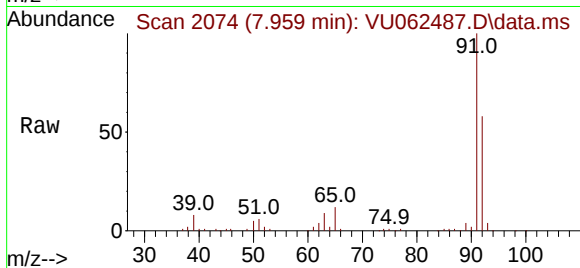
ClientSampleId :

Tgt Ion: 91 Resp: 164950

Ion Ratio Lower Upper

91 100

92 57.9 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.868 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062487.D

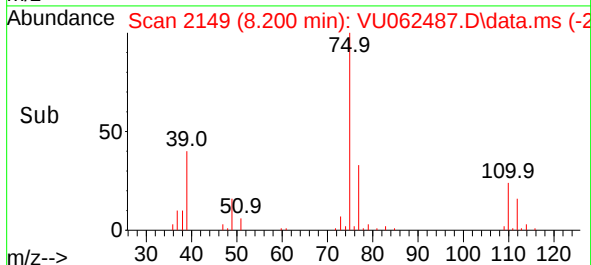
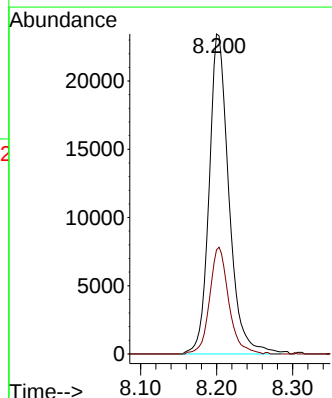
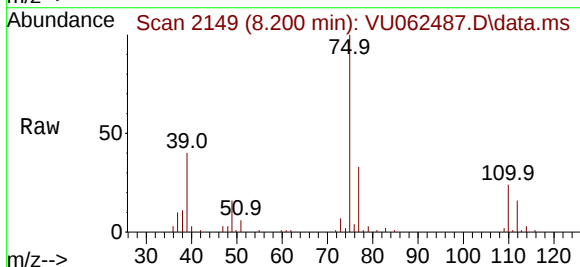
Acq: 19 Dec 2024 20:02

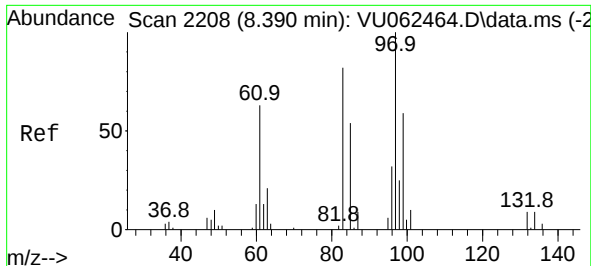
Tgt Ion: 75 Resp: 42434

Ion Ratio Lower Upper

75 100

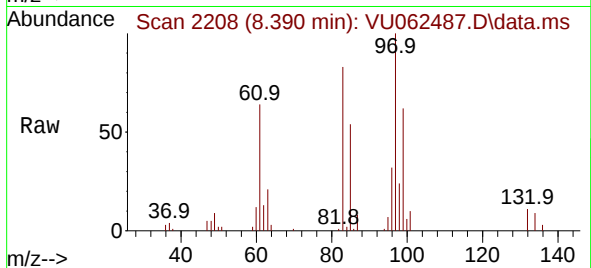
77 32.6 21.8 40.4



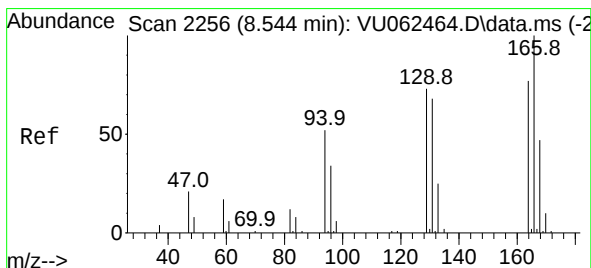
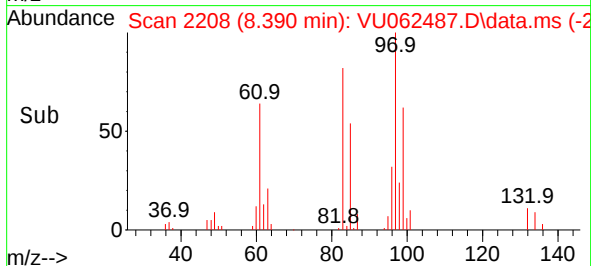
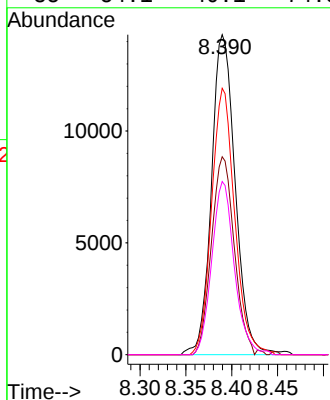


#45
1,1,2-Trichloroethane
Concen: 5.125 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

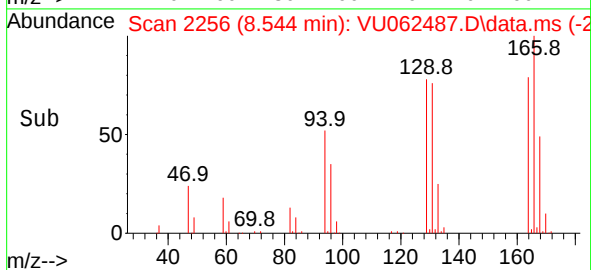
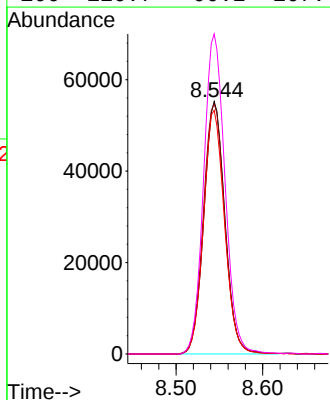
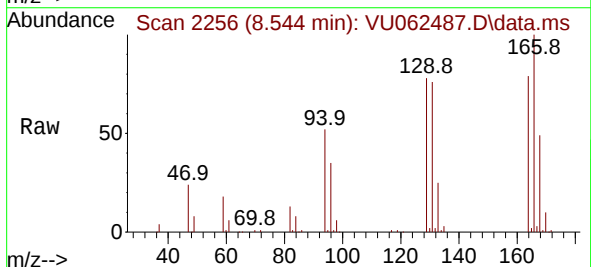


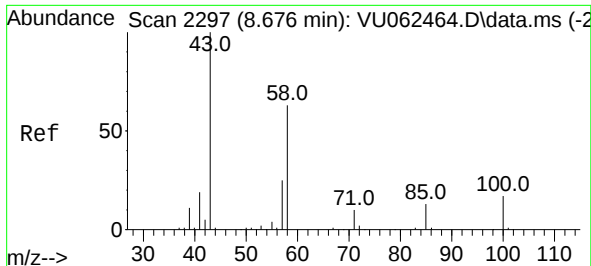
Tgt Ion:	97	Resp:	25765
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.0	79.8
83	83.2	61.7	114.5
85	54.1	40.1	74.5



#47
Tetrachloroethene
Concen: 15.591 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

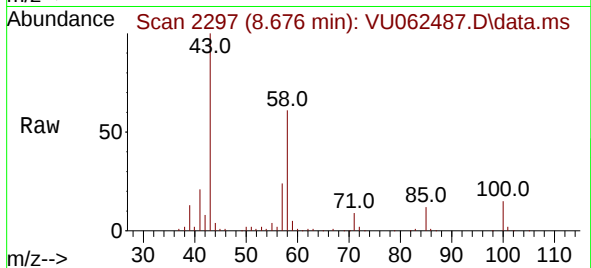
Tgt Ion:	164	Resp:	93249
Ion	Ratio	Lower	Upper
164	100		
129	99.1	73.2	136.0
131	96.4	72.3	134.3
166	126.7	90.2	167.4



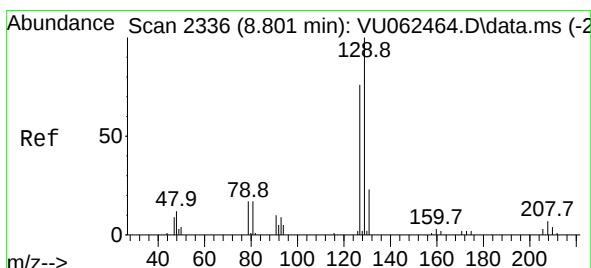
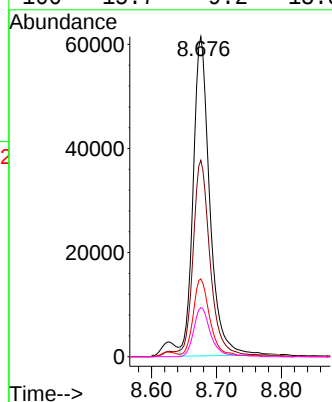
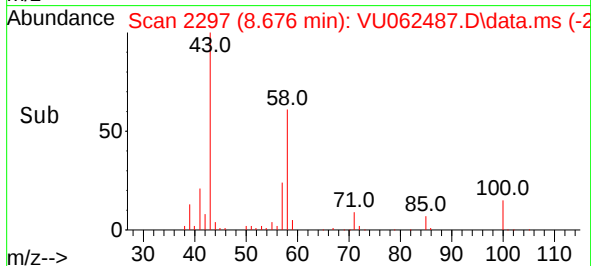


#48
2-Hexanone
Concen: 47.207 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :

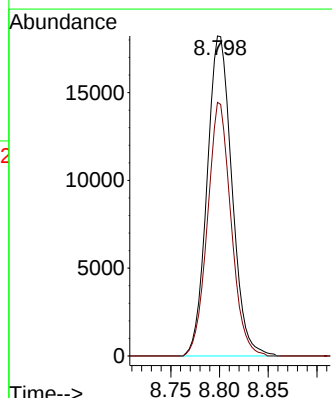
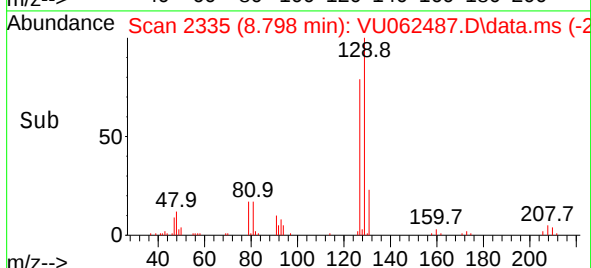
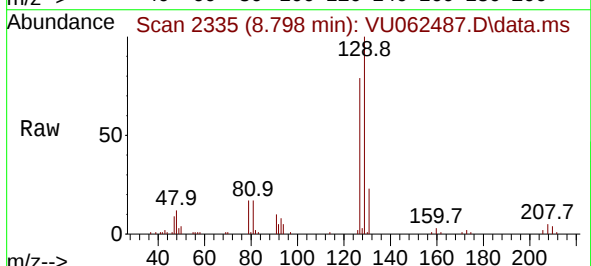


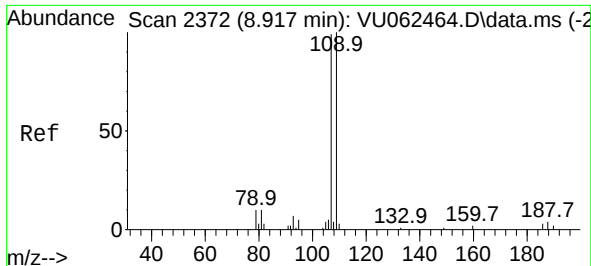
Tgt Ion: 43 Resp: 108889
Ion Ratio Lower Upper
43 100
58 62.7 47.5 71.3
57 23.9 15.6 23.4#
100 15.7 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.324 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion: 129 Resp: 32337
Ion Ratio Lower Upper
129 100
127 79.2 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.098 ug/L

RT: 8.914 min Scan# 24

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

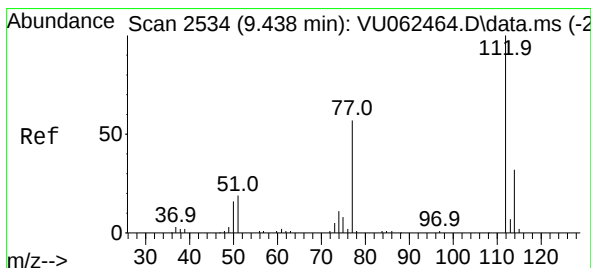
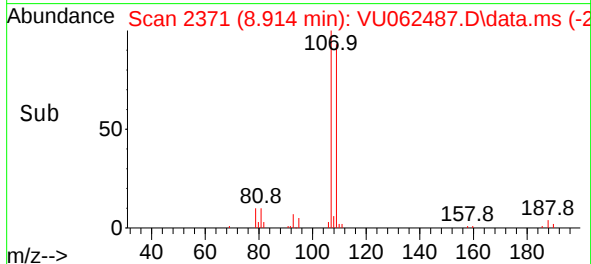
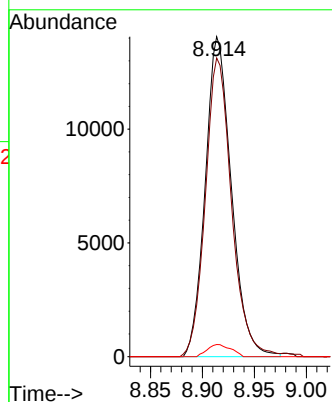
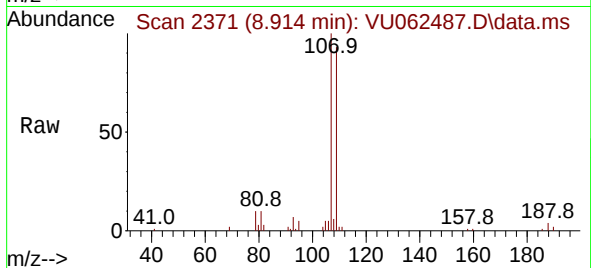
Tgt Ion:107 Resp: 24627

Ion Ratio Lower Upper

107 100

109 93.3 66.8 124.2

188 3.8 2.3 3.5#



#51

Chlorobenzene

Concen: 4.681 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

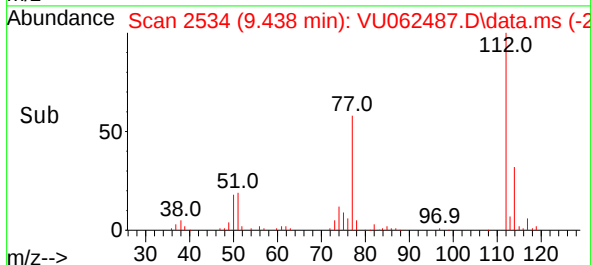
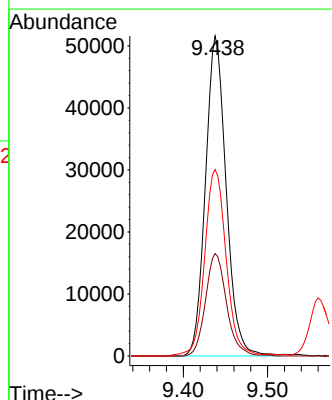
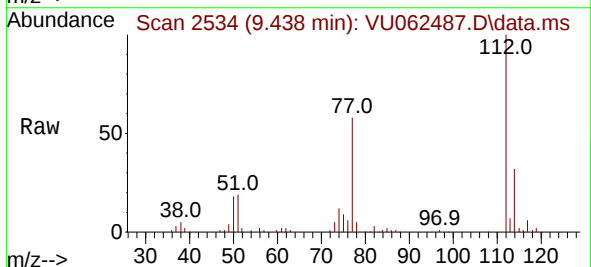
Tgt Ion:112 Resp: 88444

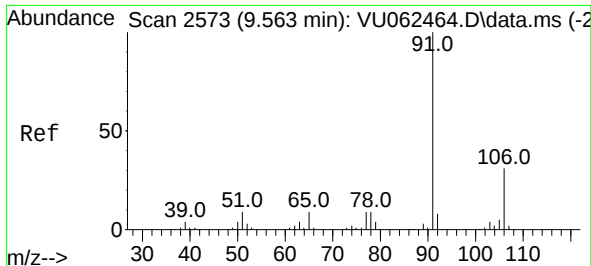
Ion Ratio Lower Upper

112 100

114 32.0 23.0 42.6

77 58.2 50.5 75.7





#52

Ethylbenzene

Concen: 4.887 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

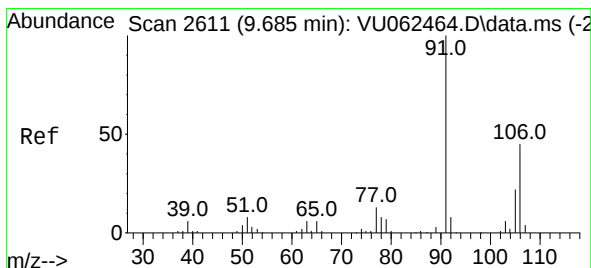
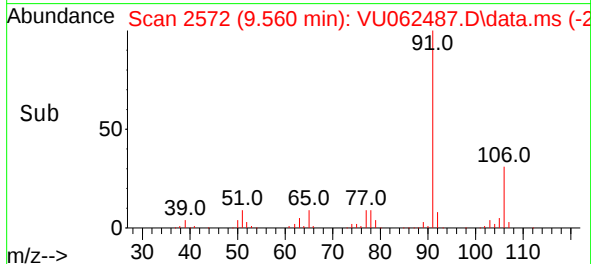
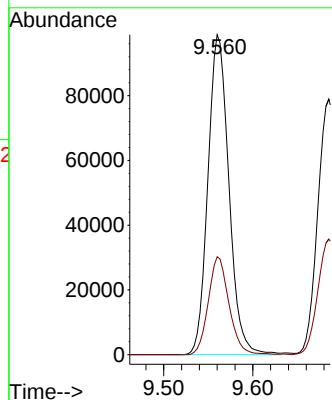
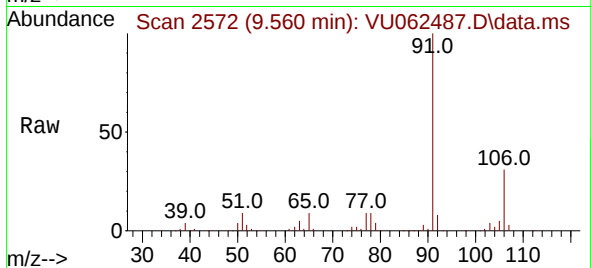
ClientSampleId :

Tgt Ion: 91 Resp: 161584

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.0



#53

m,p-Xylene

Concen: 5.075 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU062487.D

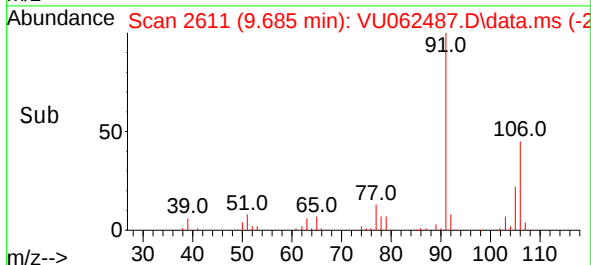
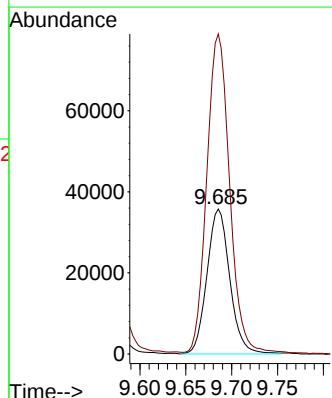
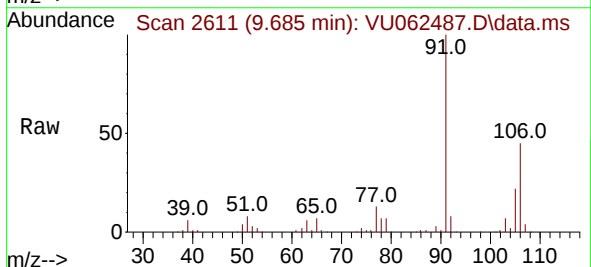
Acq: 19 Dec 2024 20:02

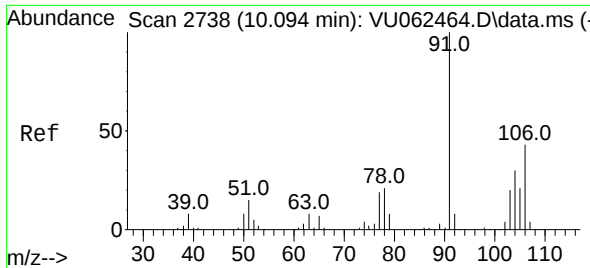
Tgt Ion:106 Resp: 61950

Ion Ratio Lower Upper

106 100

91 220.9 147.6 274.0

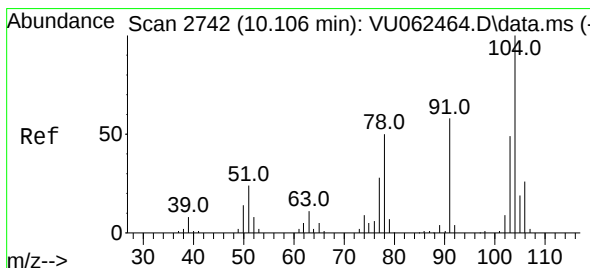
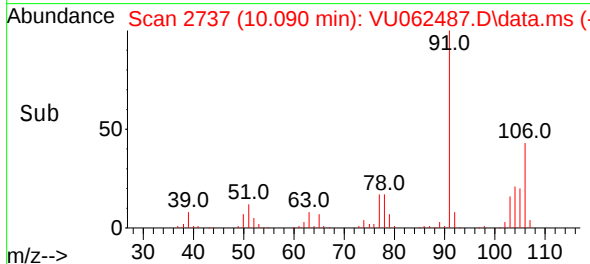
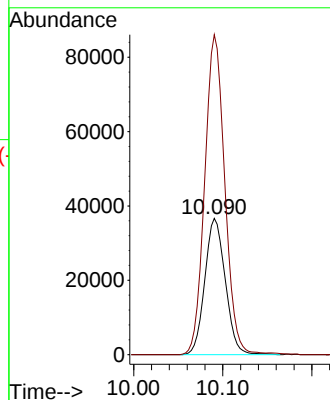
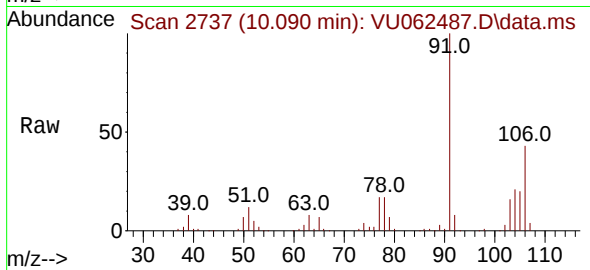




#54
o-Xylene
Concen: 4.931 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

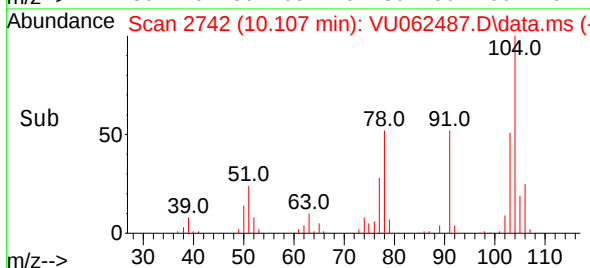
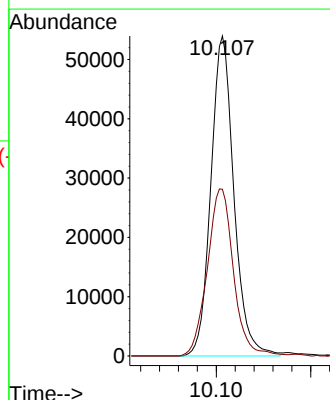
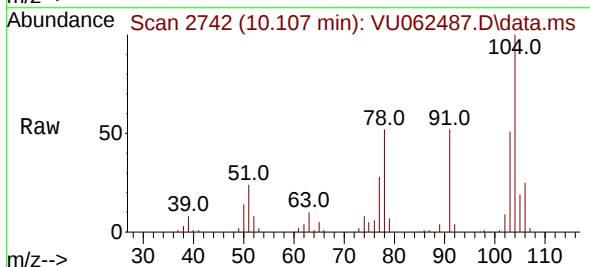
Instrument :
MSVOA_U
ClientSampleId :

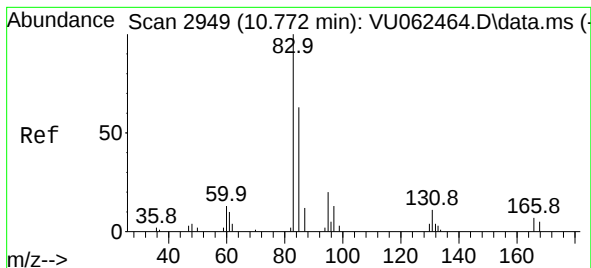
Tgt Ion:106 Resp: 58535
Ion Ratio Lower Upper
106 100
91 234.8 159.8 296.8



#55
Styrene
Concen: 4.666 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

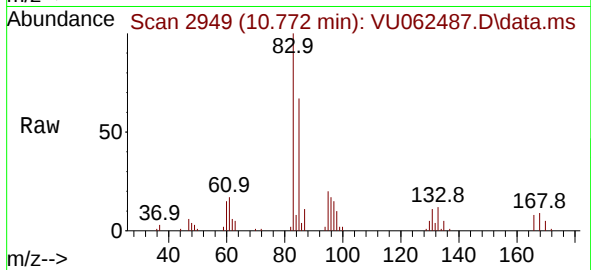
Tgt Ion:104 Resp: 91306
Ion Ratio Lower Upper
104 100
78 52.1 33.2 61.7



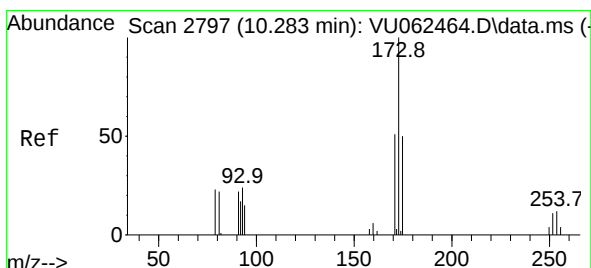
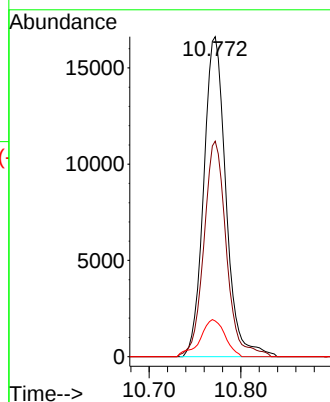
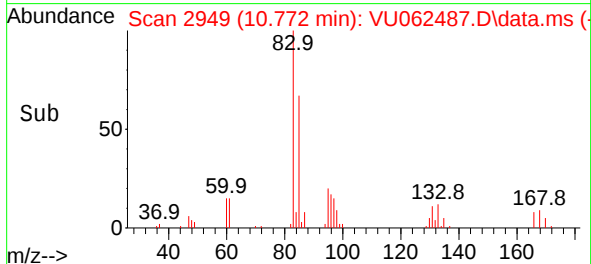


#57
1,1,2,2-Tetrachloroethane
Concen: 4.783 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

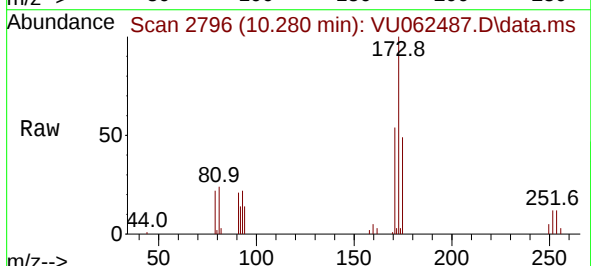
Instrument :
MSVOA_U
ClientSampleId :



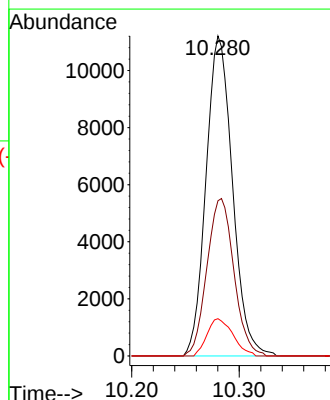
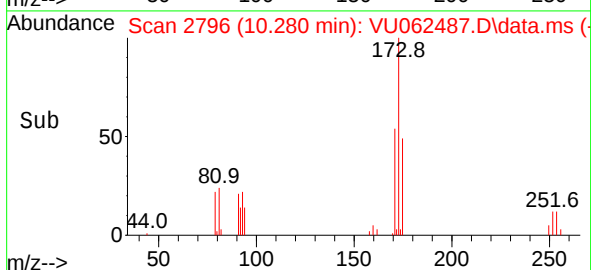
Tgt Ion: 83 Resp: 27986
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.4
131 11.2 7.3 10.9#

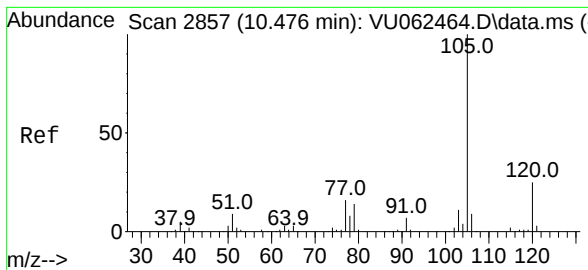


#59
Bromoform
Concen: 5.140 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02



Tgt Ion:173 Resp: 19144
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.4
254 11.4 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.477 ug/L

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

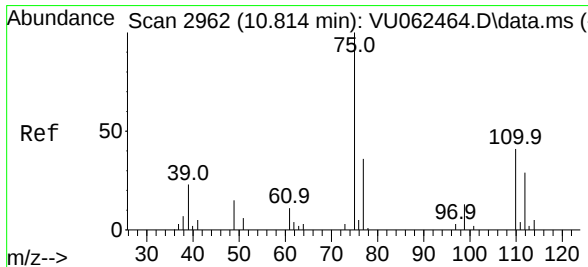
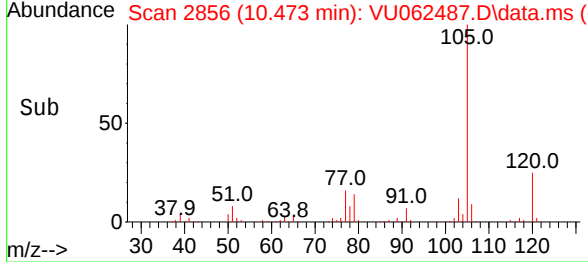
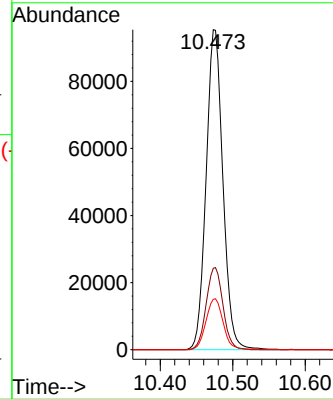
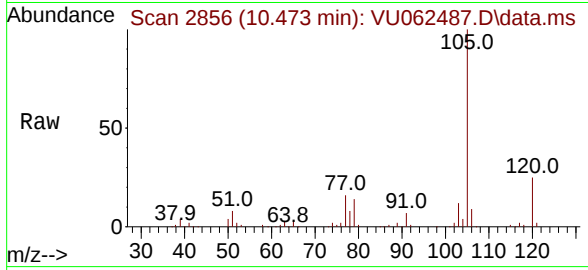
Tgt Ion:105 Resp: 153267

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.833 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

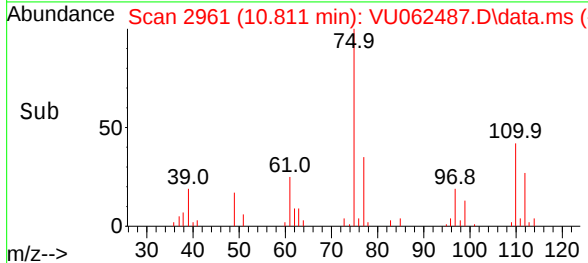
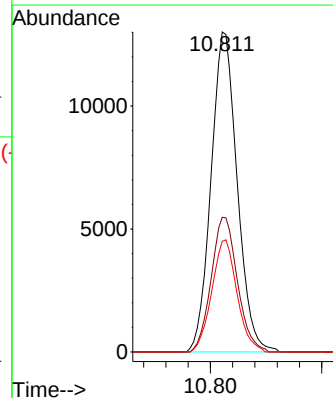
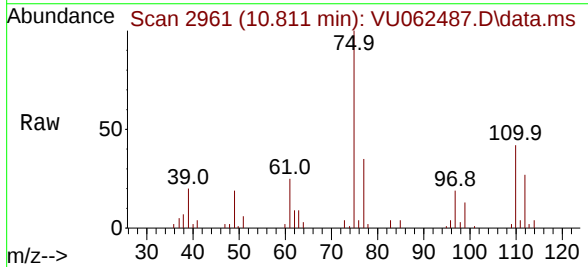
Tgt Ion: 75 Resp: 21181

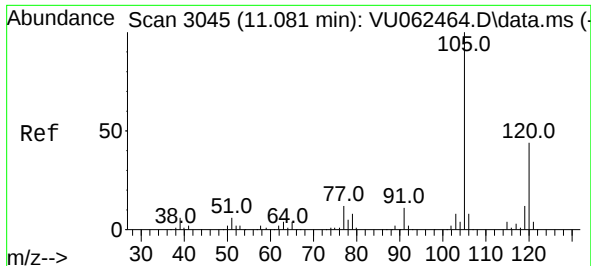
Ion Ratio Lower Upper

75 100

110 42.2 28.9 43.3

77 33.8 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.431 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

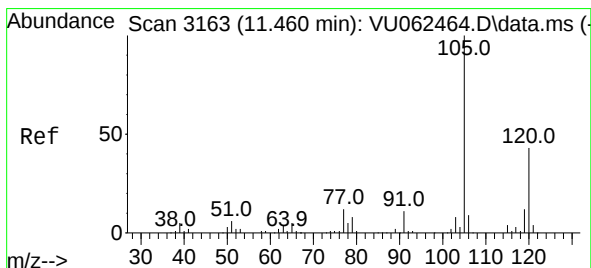
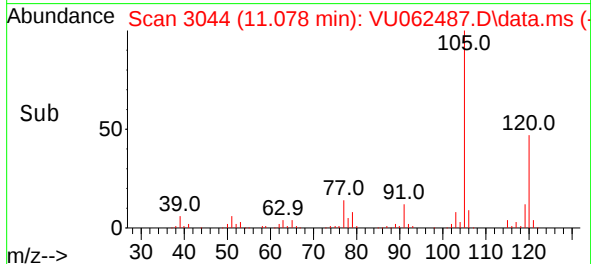
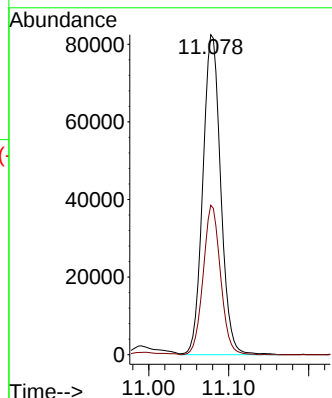
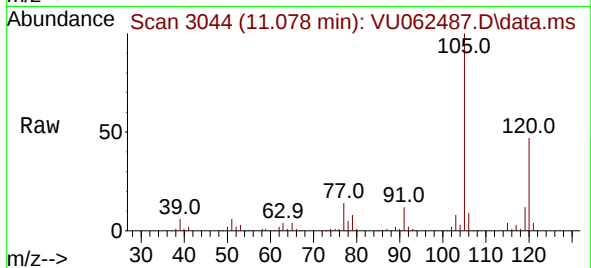
ClientSampleId :

Tgt Ion:105 Resp: 128370

Ion Ratio Lower Upper

105 100

120 45.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.570 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062487.D

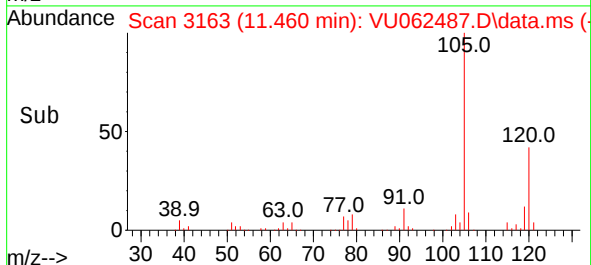
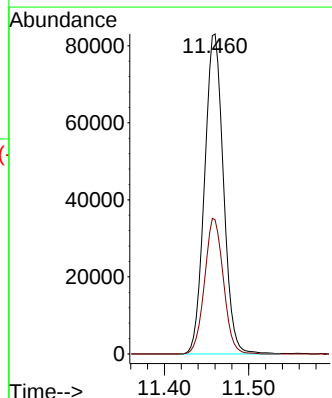
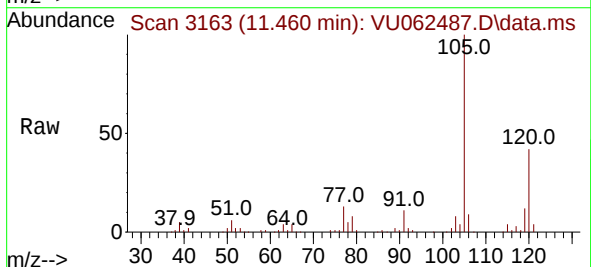
Acq: 19 Dec 2024 20:02

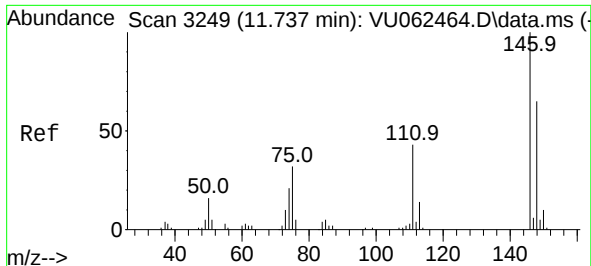
Tgt Ion:105 Resp: 129719

Ion Ratio Lower Upper

105 100

120 42.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.474 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

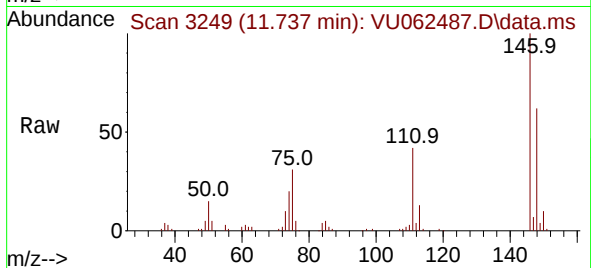
Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :



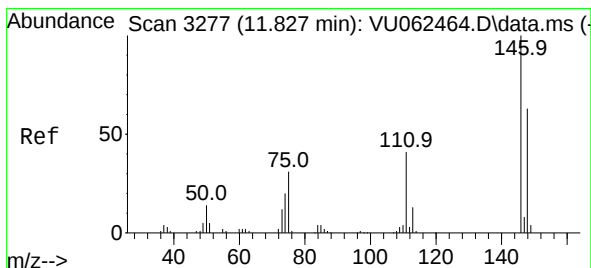
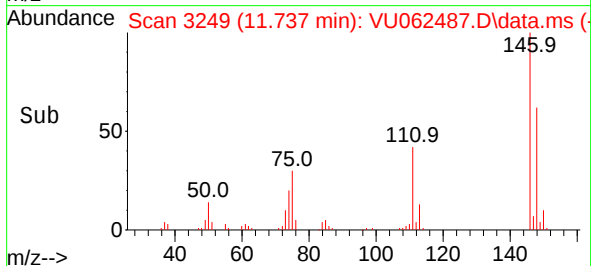
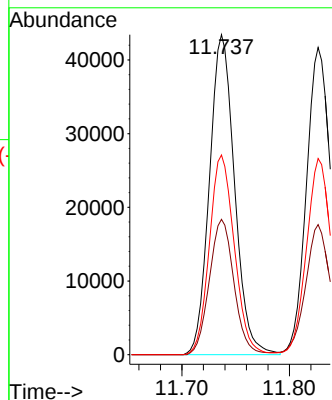
Tgt Ion:146 Resp: 70352

Ion Ratio Lower Upper

146 100

111 42.3 30.7 57.1

148 62.4 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.303 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

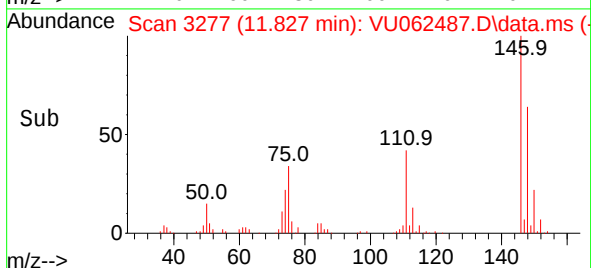
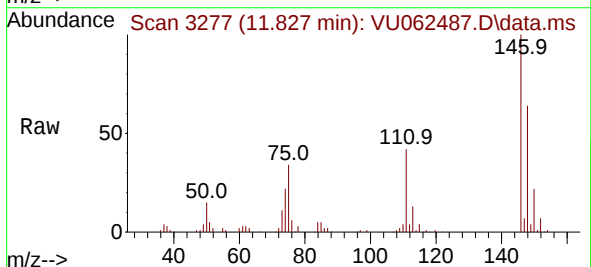
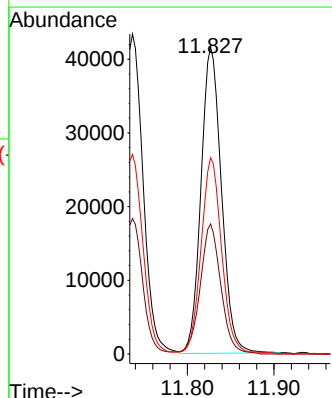
Tgt Ion:146 Resp: 68147

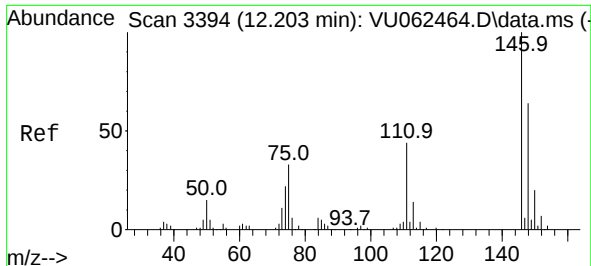
Ion Ratio Lower Upper

146 100

111 42.4 29.3 54.3

148 63.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.635 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

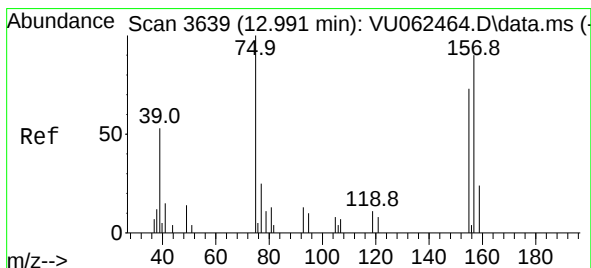
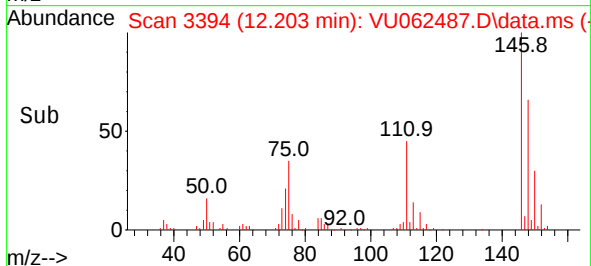
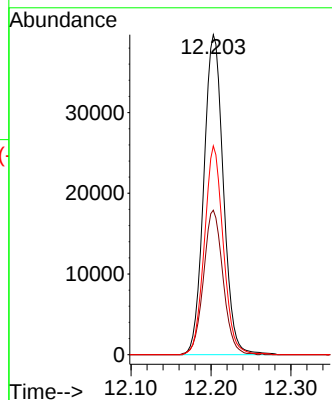
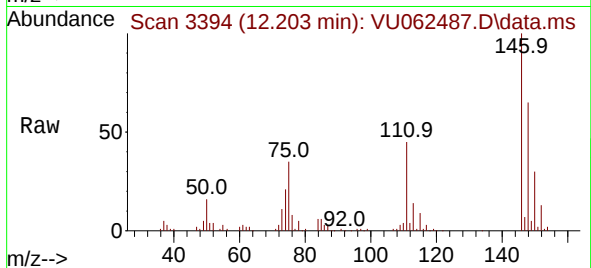
Tgt Ion:146 Resp: 67357

Ion Ratio Lower Upper

146 100

111 45.2 36.0 54.0

148 65.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.317 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

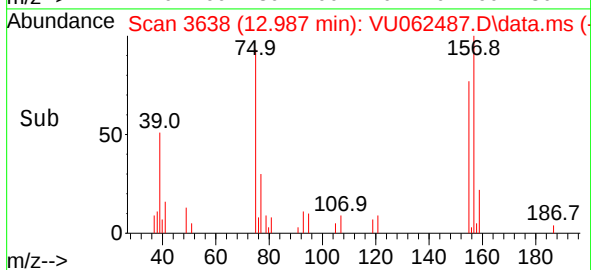
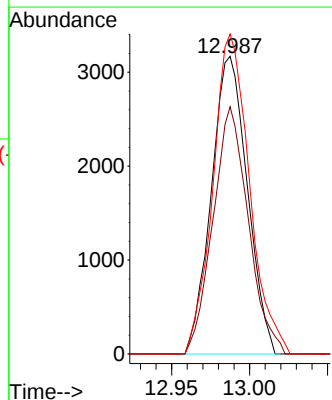
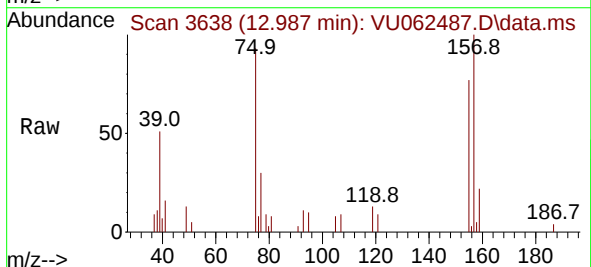
Tgt Ion: 75 Resp: 5083

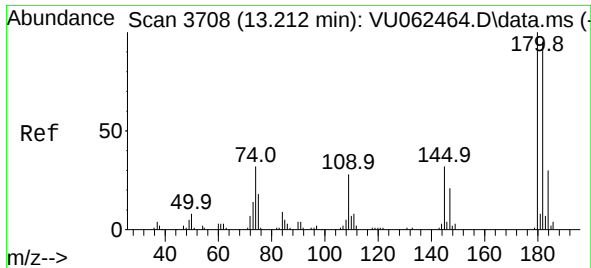
Ion Ratio Lower Upper

75 100

155 83.1 55.2 82.8#

157 107.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.000 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 46762

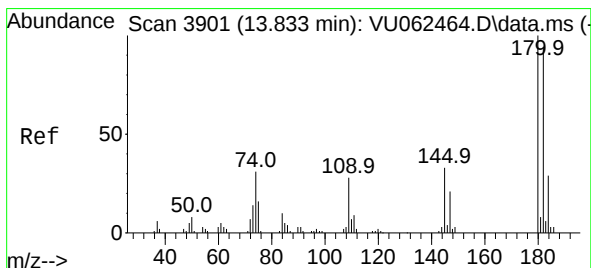
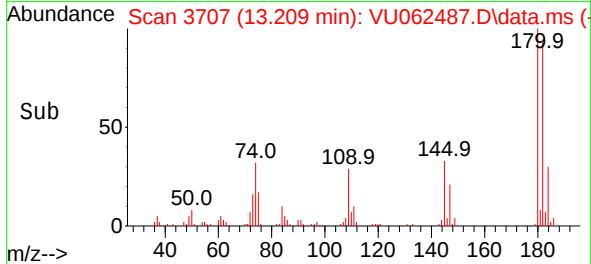
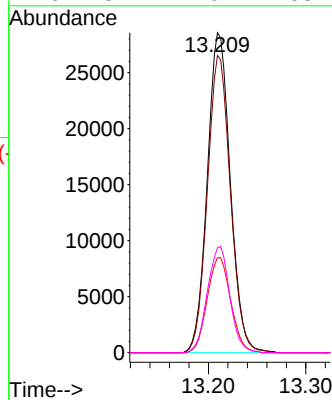
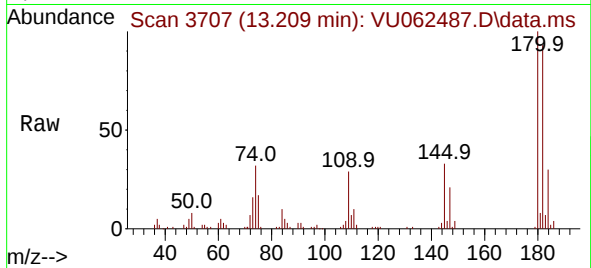
Ion Ratio Lower Upper

180 100

182 93.2 76.7 115.1

184 30.4 24.8 37.2

145 32.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 3.936 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062487.D

Acq: 19 Dec 2024 20:02

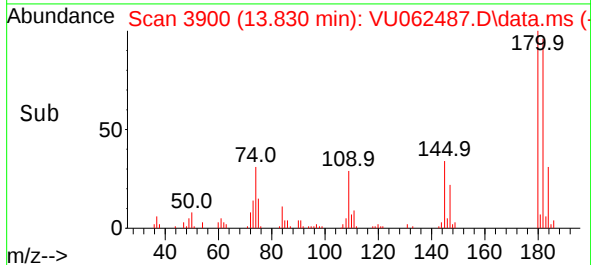
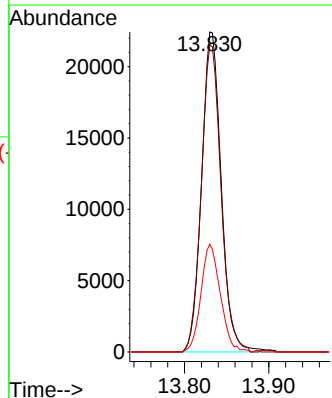
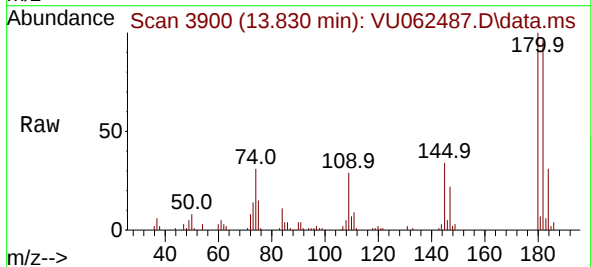
Tgt Ion:180 Resp: 36332

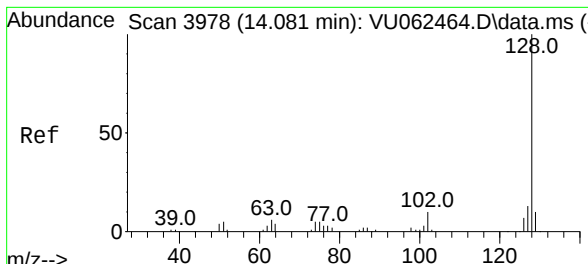
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

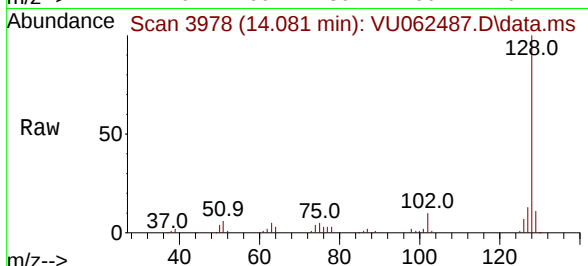
145 33.3 25.6 38.4



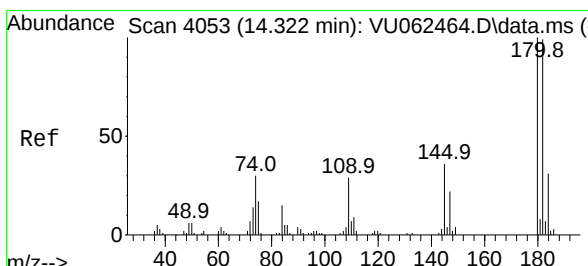
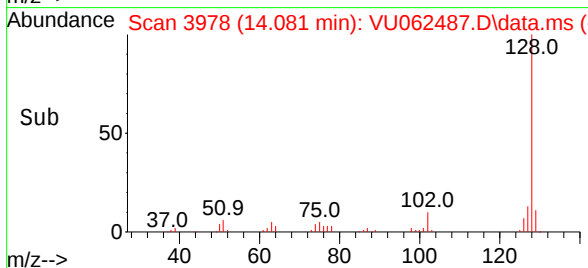
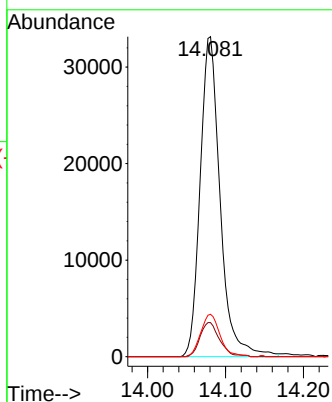


#71
Naphthalene
Concen: 4.259 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 59023
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.161 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062487.D
Acq: 19 Dec 2024 20:02

Tgt Ion:180 Resp: 33868
Ion Ratio Lower Upper
180 100
182 93.7 76.1 114.1
145 34.5 27.4 41.0

