

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062486.D
 Acq On : 19 Dec 2024 19:38
 Operator : MD/SY
 Sample : P5305-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:41:58 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)

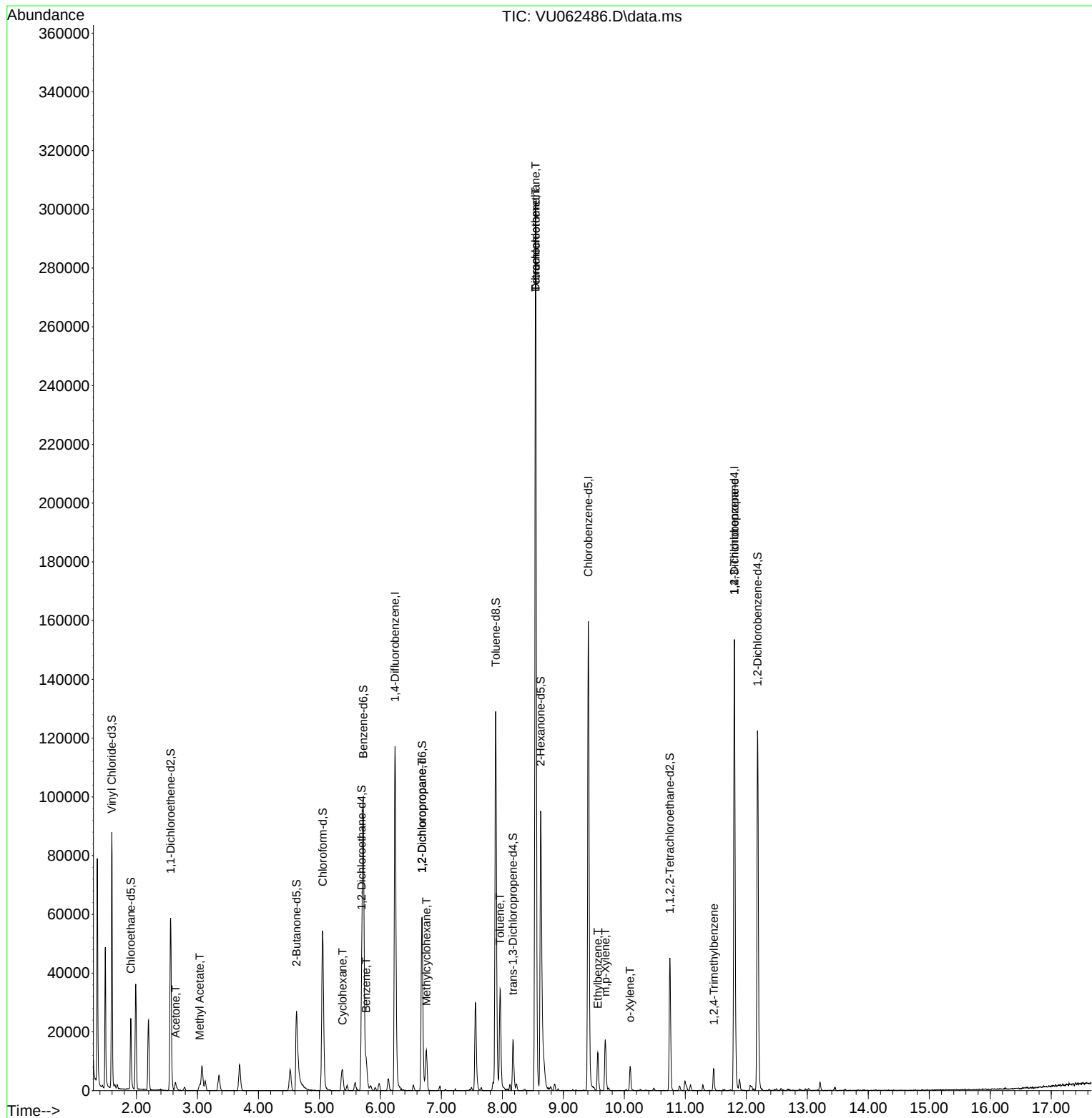
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	21117	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.908	69	16639	3.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.560	65	11268	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.625	46	42482	34.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.000%
24) Chloroform-d	5.052	84	53238	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	5.692	65	28479	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.718	84	93535	3.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.682	67	26889	3.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.891	98	89912	3.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.174	79	11332	3.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.628	63	32905	33.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21323	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	34012	4.259	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
13) Acetone	2.641	43	3784	4.449	ug/L	97
15) Methyl Acetate	3.036	43	994	0.466	ug/L #	51
30) Cyclohexane	5.377	56	3538	0.343	ug/L	97
33) Benzene	5.766	78	9716	0.347	ug/L	100
35) Methylcyclohexane	6.753	83	5874	0.499	ug/L #	72
37) 1,2-Dichloropropane	6.679	63	3302	0.484	ug/L #	87
42) Toluene	7.962	91	27714	0.918	ug/L	94
47) Tetrachloroethene	8.544	164	65473	10.690	ug/L	96
49) Dibromochloromethane	8.544	129	65571	10.542	ug/L #	13
52) Ethylbenzene	9.563	91	10000	0.295	ug/L	94
53) m,p-Xylene	9.689	106	5288	0.423	ug/L	98
54) o-Xylene	10.094	106	2619	0.215	ug/L	87
61) 1,2,3-Trichloropropane	11.804	75	4254	1.061	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.467	105	5049	0.194	ug/L	97

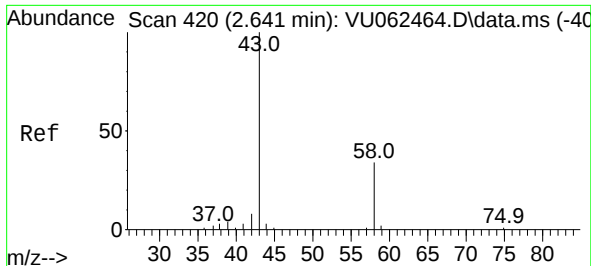
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.449 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

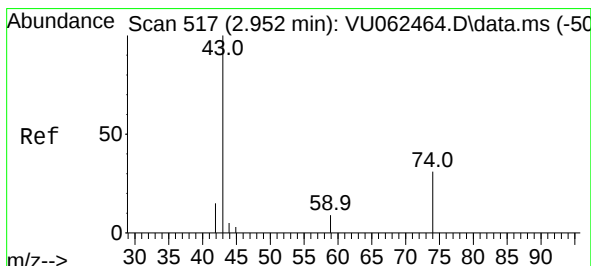
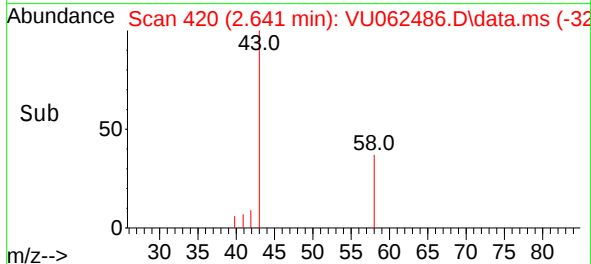
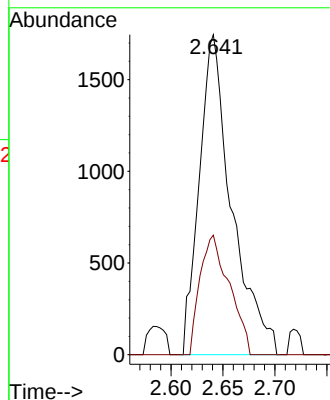
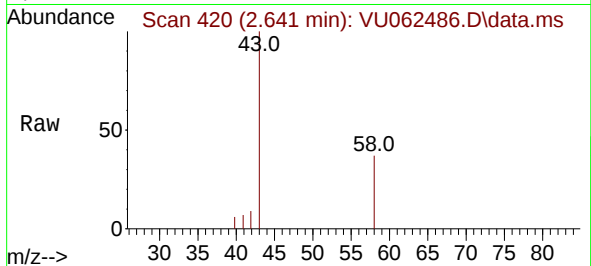
ClientSampleId :

Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

58 33.9 0.0 64.0



#15

Methyl Acetate

Concen: 0.466 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.084 min

Lab File: VU062486.D

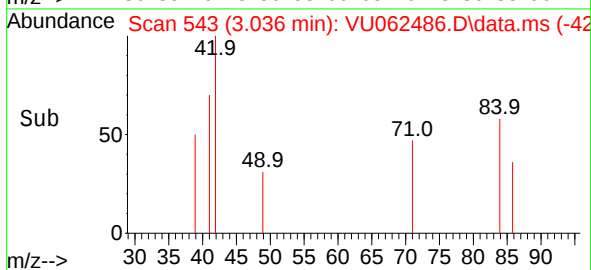
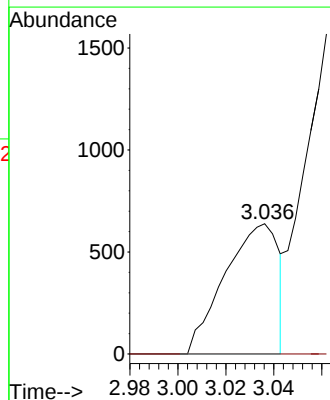
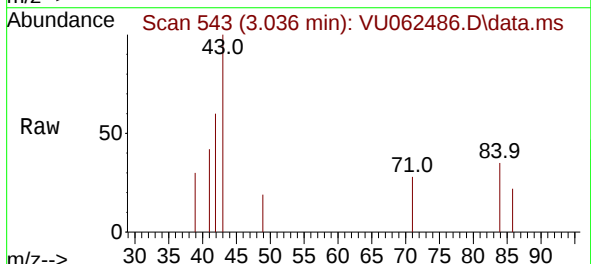
Acq: 19 Dec 2024 19:38

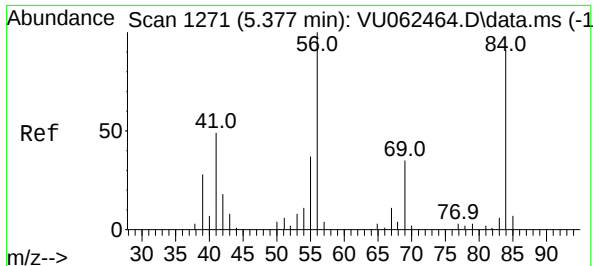
Tgt Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#





#30

Cyclohexane

Concen: 0.343 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

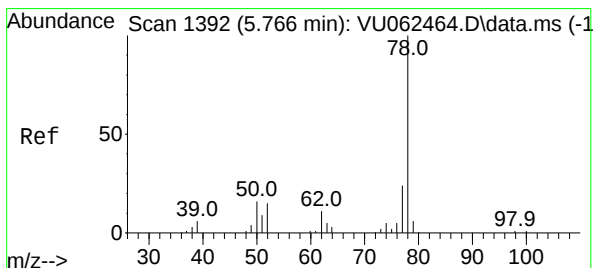
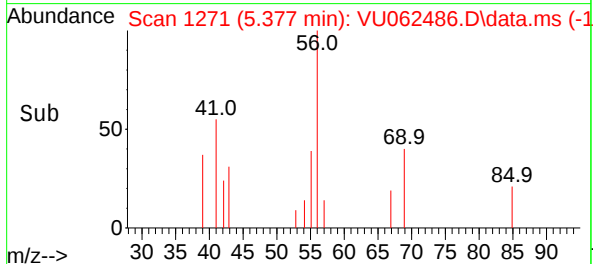
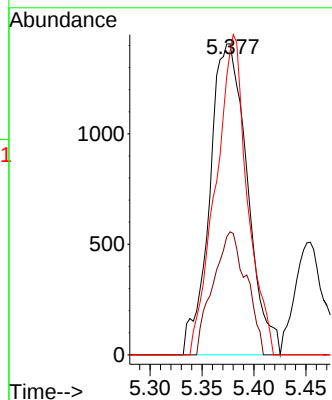
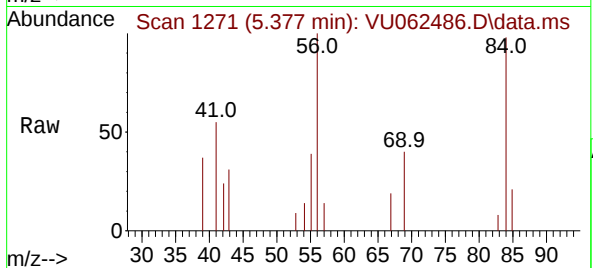
Tgt Ion: 56 Resp: 3538

Ion Ratio Lower Upper

56 100

69 35.1 25.1 37.7

84 87.0 70.6 105.8



#33

Benzene

Concen: 0.347 ug/L

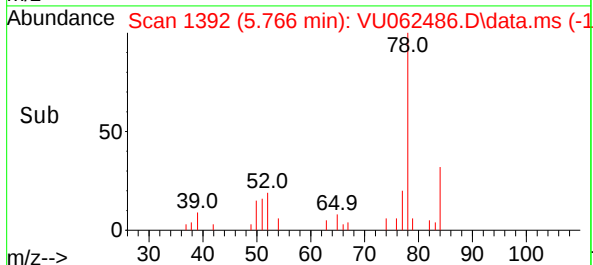
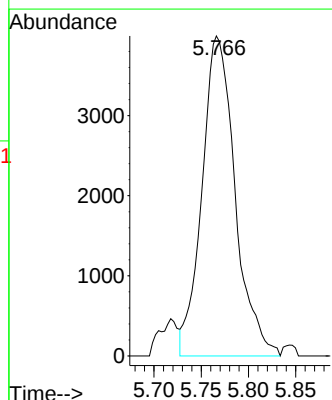
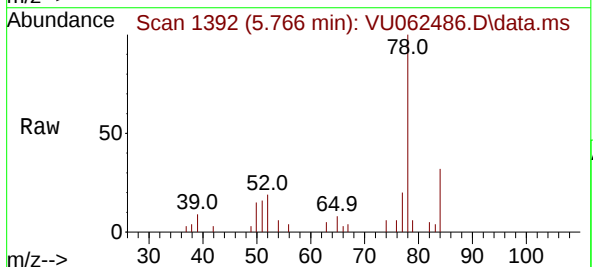
RT: 5.766 min Scan# 1392

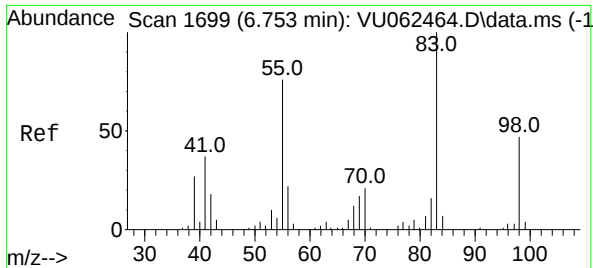
Delta R.T. 0.000 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Tgt Ion: 78 Resp: 9716

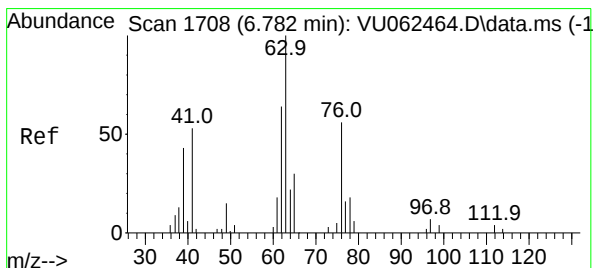
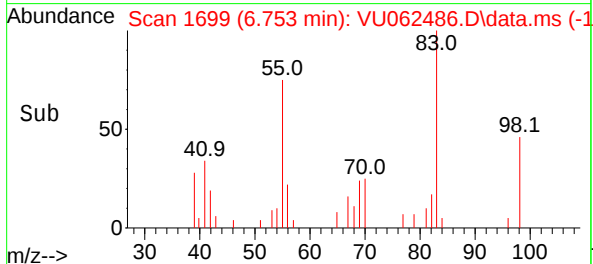
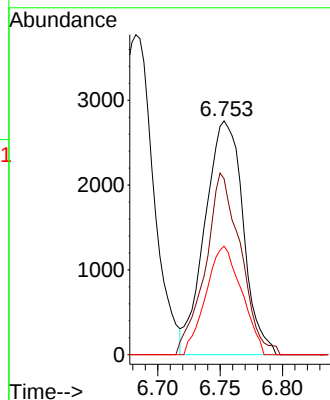
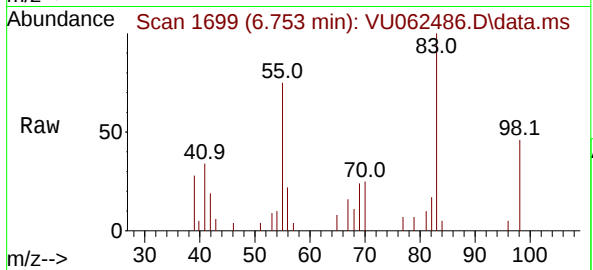




#35
Methylcyclohexane
Concen: 0.499 ug/L
RT: 6.753 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

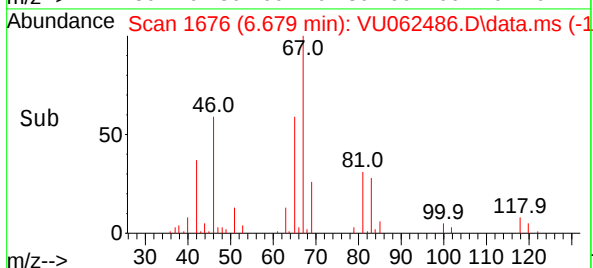
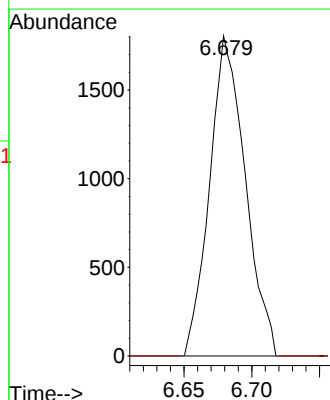
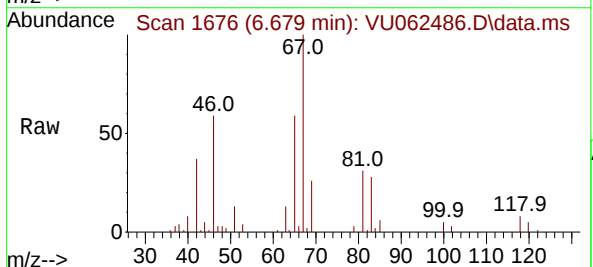
Instrument :
MSVOA_U
ClientSampleId :

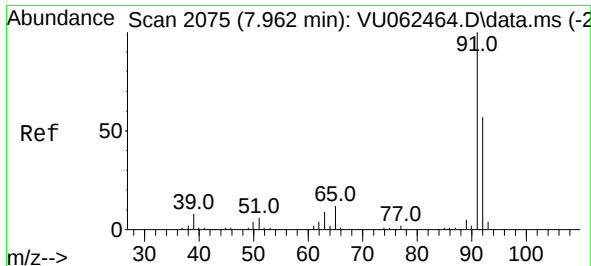
Tgt Ion: 83 Resp: 5874
Ion Ratio Lower Upper
83 100
55 71.9 60.7 91.1
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062486.D
Acq: 19 Dec 2024 19:38

Tgt Ion: 63 Resp: 3302
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.918 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

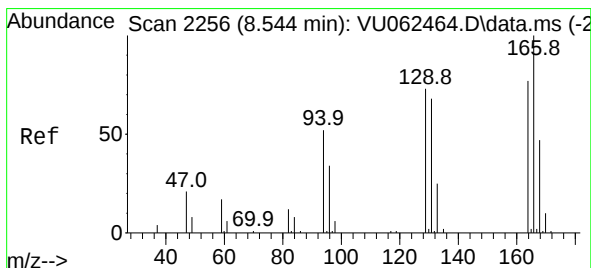
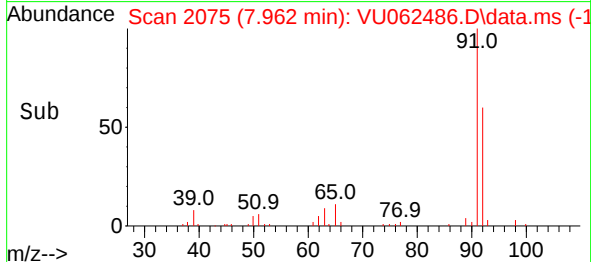
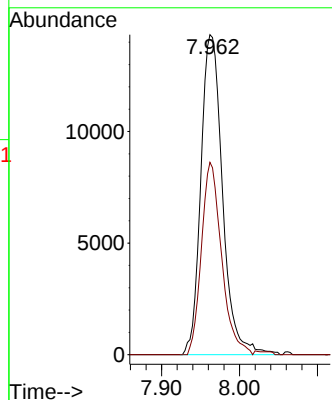
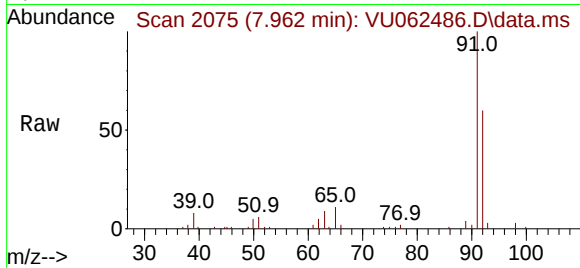
ClientSampleId :

Tgt Ion: 91 Resp: 27714

Ion Ratio Lower Upper

91 100

92 60.1 39.0 72.4



#47

Tetrachloroethene

Concen: 10.690 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Tgt Ion:164 Resp: 65473

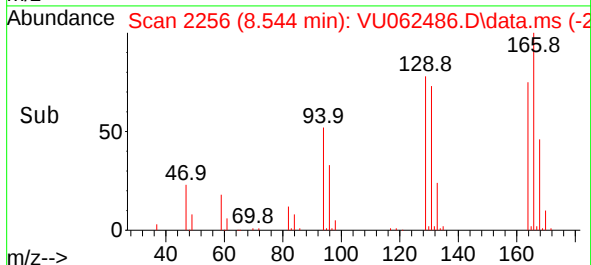
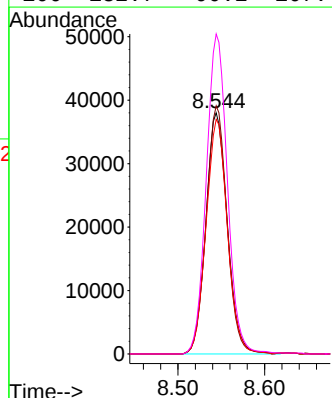
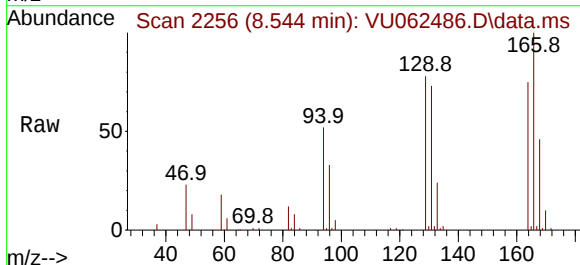
Ion Ratio Lower Upper

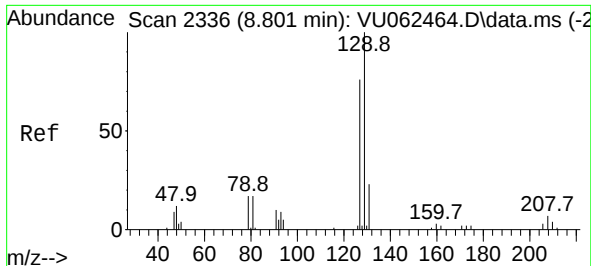
164 100

129 102.9 73.2 136.0

131 97.3 72.3 134.3

166 132.7 90.2 167.4





#49

Dibromochloromethane

Concen: 10.542 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

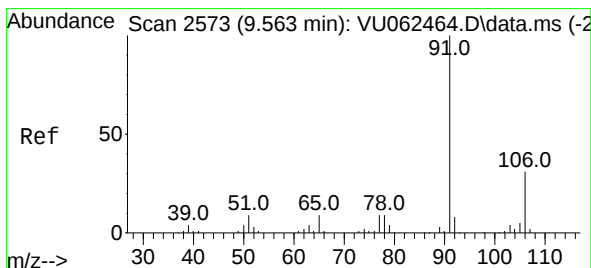
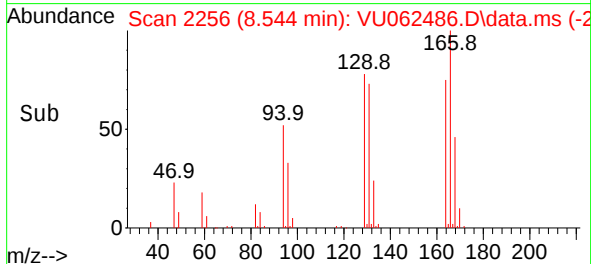
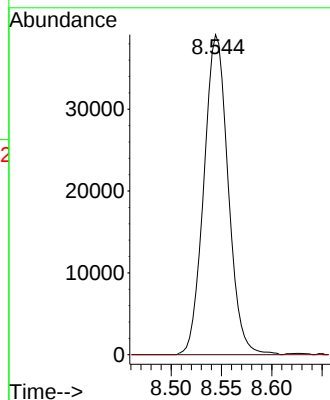
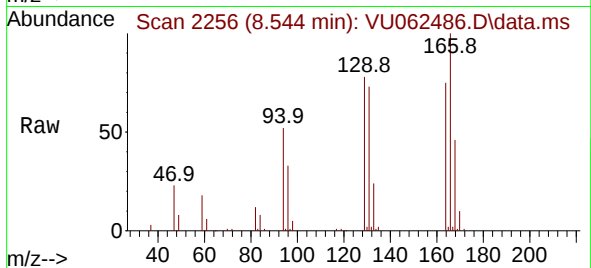
ClientSampleId :

Tgt Ion:129 Resp: 65571

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#52

Ethylbenzene

Concen: 0.295 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU062486.D

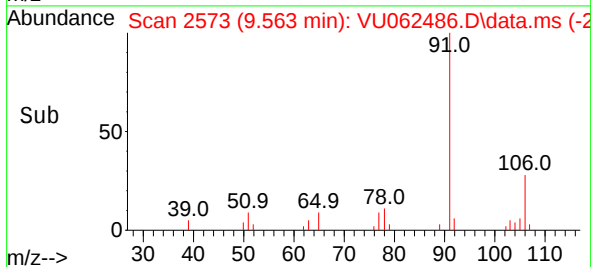
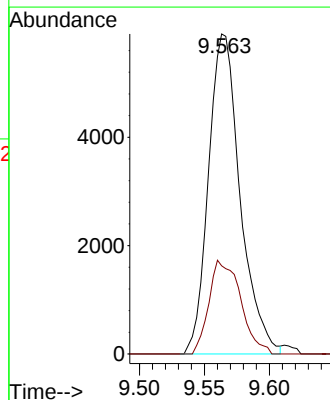
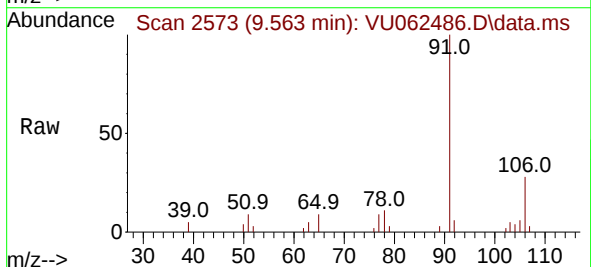
Acq: 19 Dec 2024 19:38

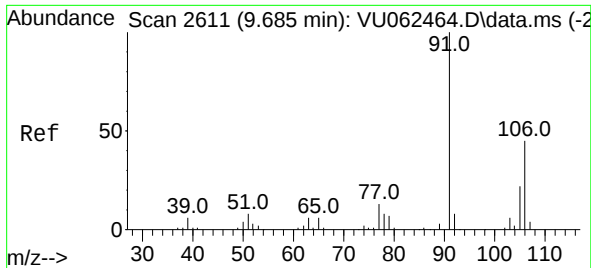
Tgt Ion: 91 Resp: 10000

Ion Ratio Lower Upper

91 100

106 27.6 21.6 40.0





#53

m,p-Xylene

Concen: 0.423 ug/L

RT: 9.689 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

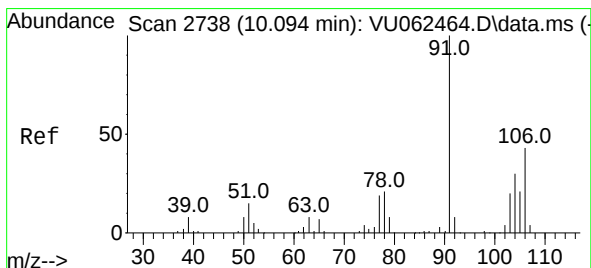
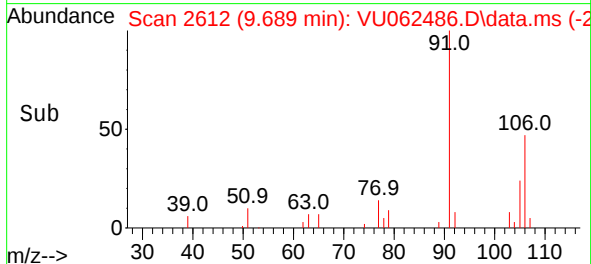
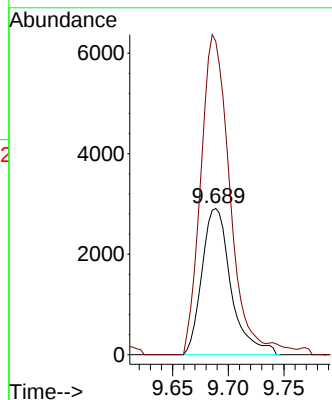
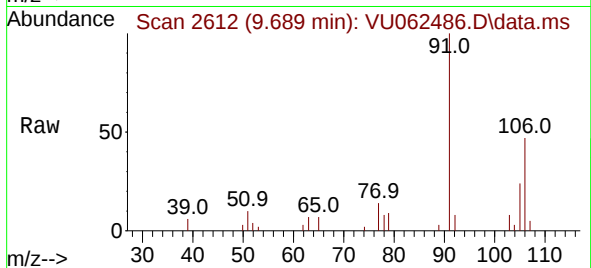
ClientSampleId :

Tgt Ion:106 Resp: 5288

Ion Ratio Lower Upper

106 100

91 214.4 147.6 274.0



#54

o-Xylene

Concen: 0.215 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU062486.D

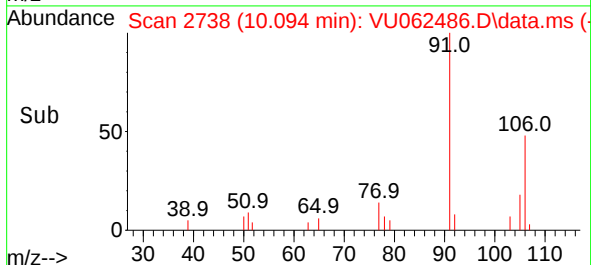
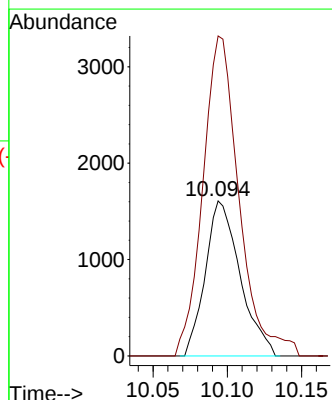
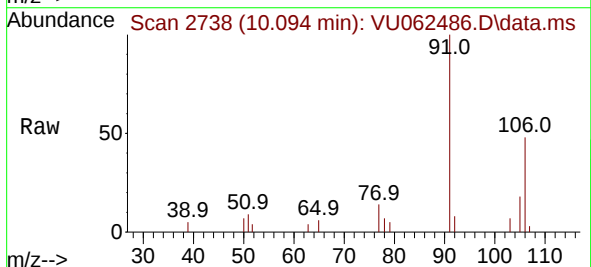
Acq: 19 Dec 2024 19:38

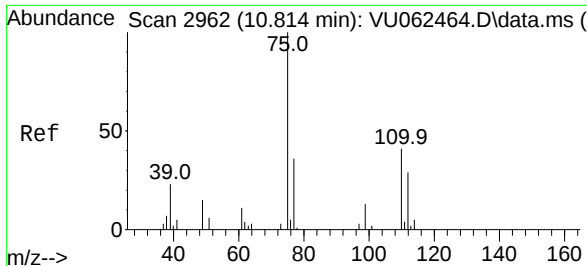
Tgt Ion:106 Resp: 2619

Ion Ratio Lower Upper

106 100

91 206.5 159.8 296.8





#61

1,2,3-Trichloropropane

Concen: 1.061 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.990 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

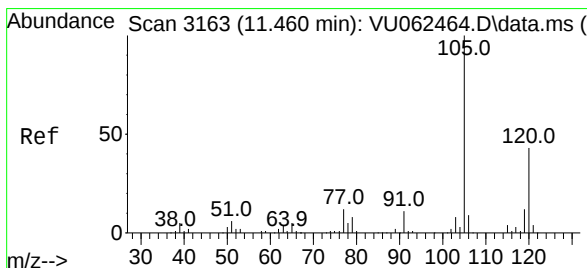
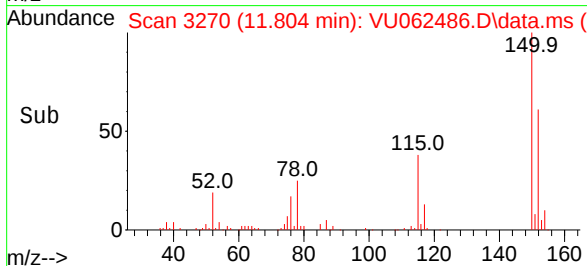
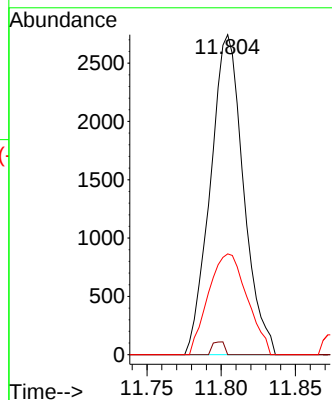
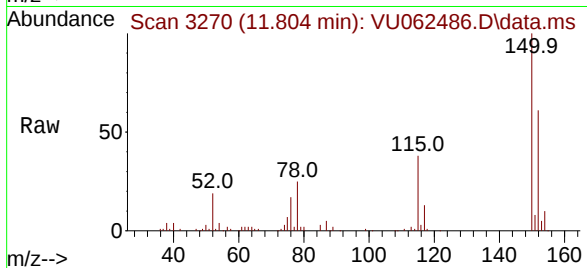
Tgt Ion: 75 Resp: 4254

Ion Ratio Lower Upper

75 100

110 1.5 28.9 43.3#

77 36.9 26.5 39.7



#63

1,2,4-Trimethylbenzene

Concen: 0.194 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VU062486.D

Acq: 19 Dec 2024 19:38

Tgt Ion: 105 Resp: 5049

Ion Ratio Lower Upper

105 100

120 45.5 34.7 52.1

