

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045994.D
 Acq On : 24 Nov 2021 15:03
 Operator : SY/MD
 Sample : M4722-08DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:20:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90113	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15815	2.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.400%
7) Chloroethane-d5	1.919	69	25153	4.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.572	65	11805	3.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.649	46	128386	67.102	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.200%#
24) Chloroform-d	5.067	84	64936	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.707	65	38935	5.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.732	84	135333	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.694	67	43744	5.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.899	98	114623	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.182	79	12317	3.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.636	63	89936	62.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38634	5.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	46568	6.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.400%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	278	0.047	ug/L #	21
15) Methyl Acetate	3.051	43	4074	1.474	ug/L #	51
27) 1,2-Dichloroethane	5.774	62	3300	0.426	ug/L #	73
30) Cyclohexane	5.395	56	6525	0.668	ug/L	98
33) Benzene	5.777	78	353232	13.970	ug/L	100
35) Methylcyclohexane	6.764	83	3463	0.346	ug/L	87
37) 1,2-Dichloropropane	6.697	63	4613	0.693	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	882	0.093	ug/L	90
42) Toluene	7.973	91	21316	0.817	ug/L	99
48) 2-Hexanone	8.690	43	12998	4.122	ug/L #	92
52) Ethylbenzene	9.571	91	101870	3.729	ug/L	97
53) m,p-Xylene	9.697	106	4357	0.416	ug/L	98
60) Isopropylbenzene	10.485	105	5773	0.229	ug/L	96
61) 1,2,3-Trichloropropane	11.812	75	5535	1.243	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.468	105	1799	0.087	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.771	75	189	0.204	ug/L #	7
71) Naphthalene	14.086	128	13361	0.875	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 00:17:51 2021
Response via : Initial Calibration

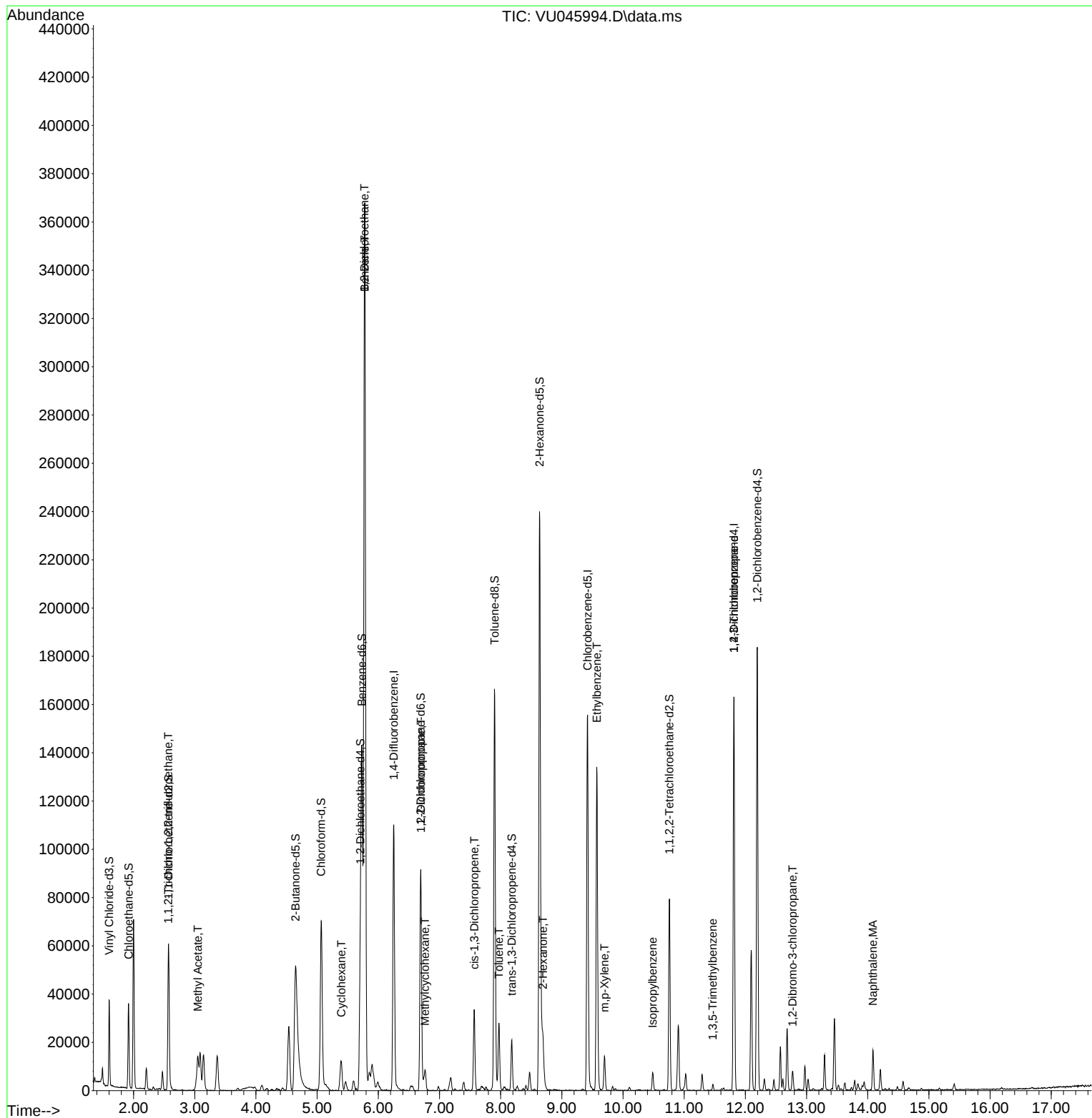
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

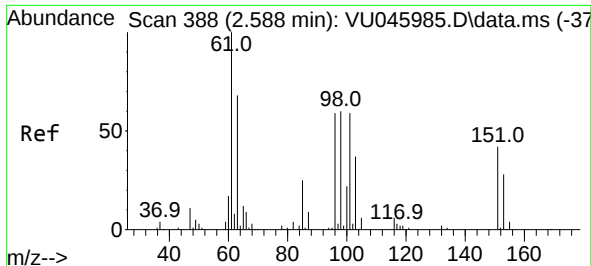
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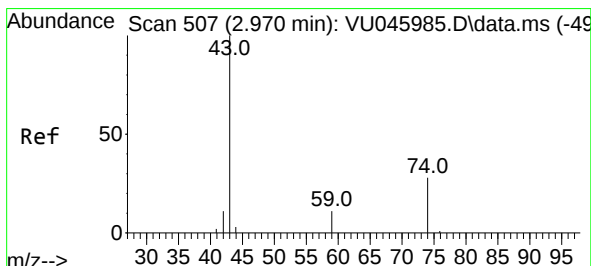
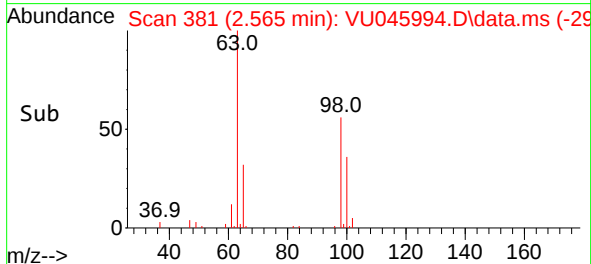
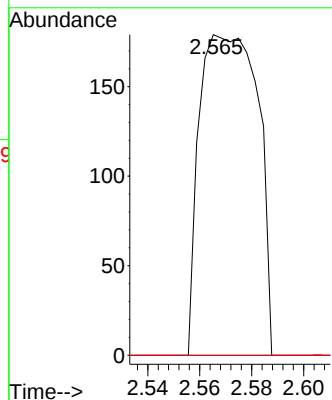
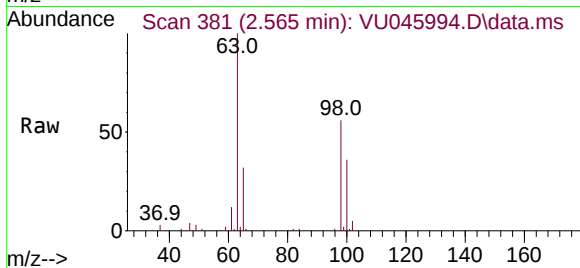




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

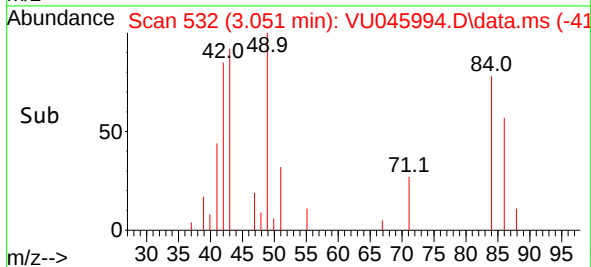
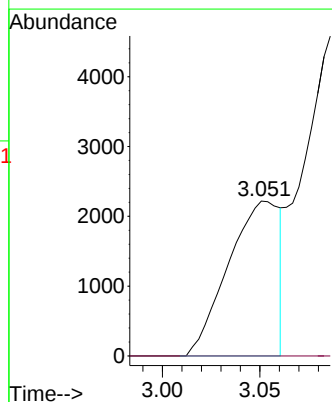
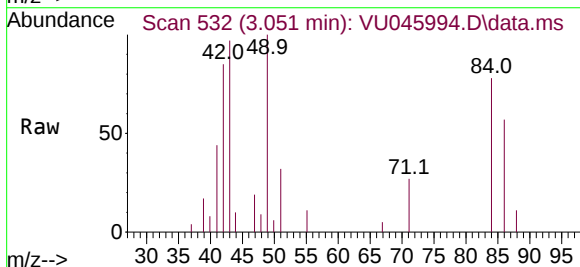
Instrument :
MSVOA_U
ClientSampleId :

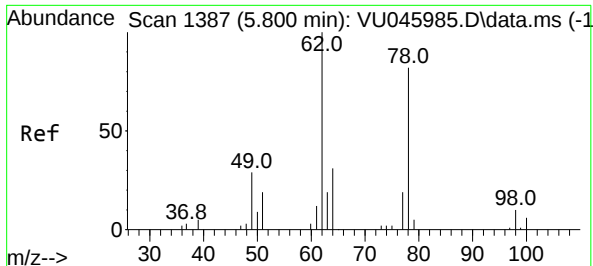
Tgt Ion:101 Resp: 278
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#15
Methyl Acetate
Concen: 1.474 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.081 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#27

1,2-Dichloroethane

Concen: 0.426 ug/L

RT: 5.774 min Scan# 1

Delta R.T. -0.025 min

Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

Instrument :

MSVOA_U

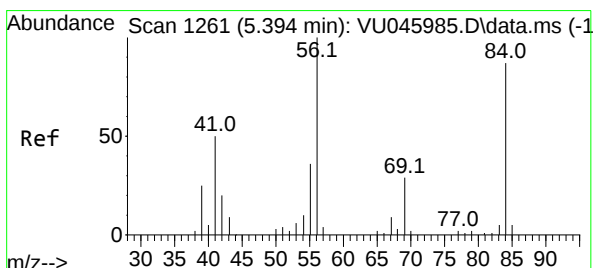
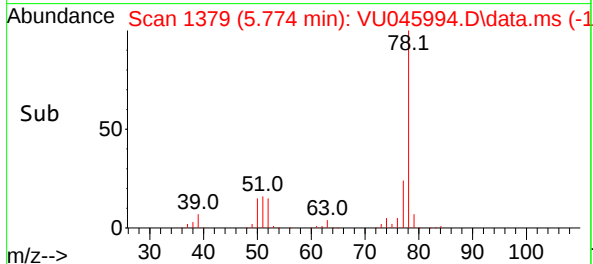
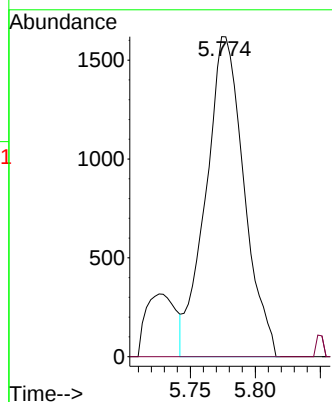
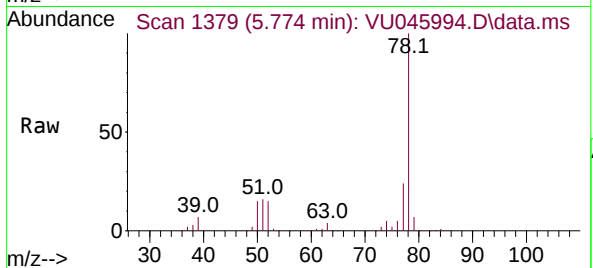
ClientSampleId :

Tgt Ion: 62 Resp: 3300

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#30

Cyclohexane

Concen: 0.668 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

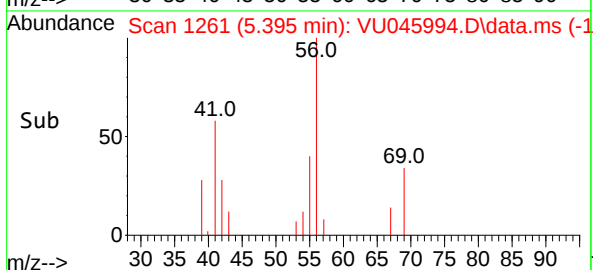
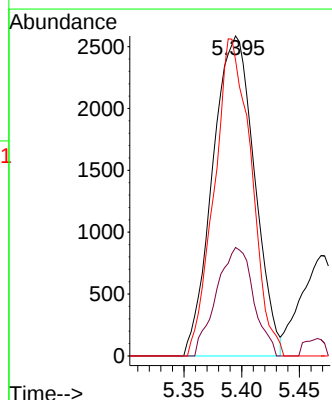
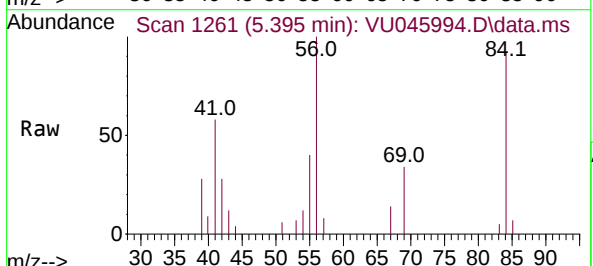
Tgt Ion: 56 Resp: 6525

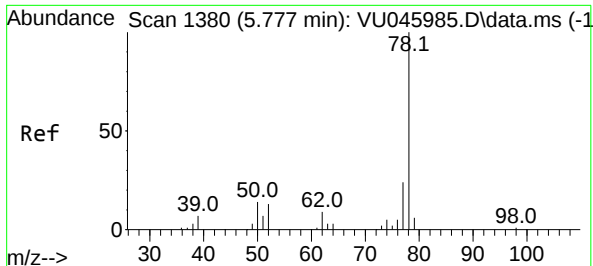
Ion Ratio Lower Upper

56 100

69 30.0 24.7 37.1

84 87.2 71.8 107.6

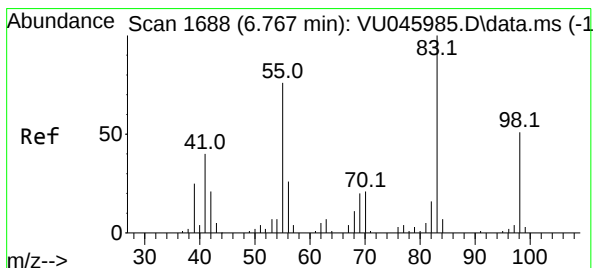
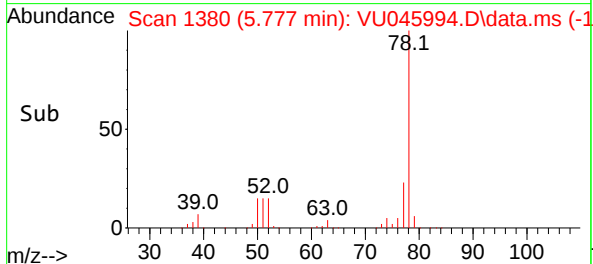
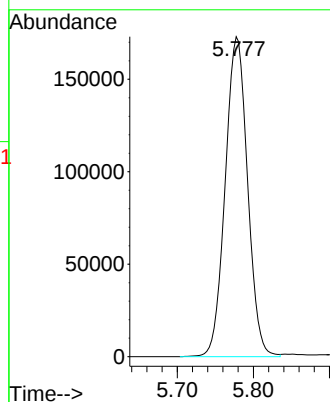
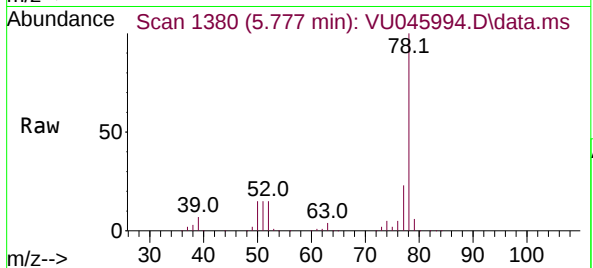




#33
Benzene
Concen: 13.970 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

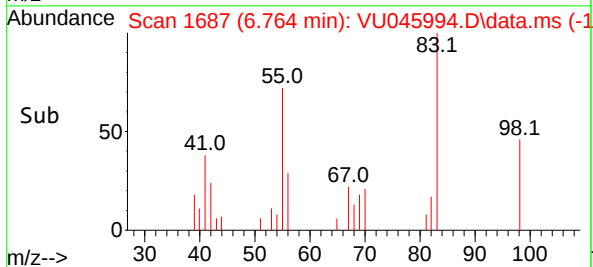
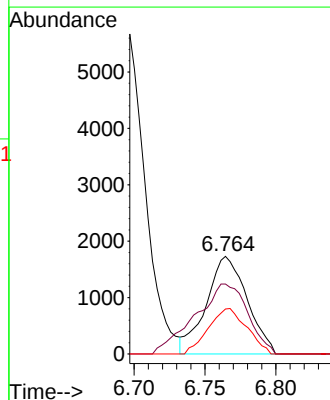
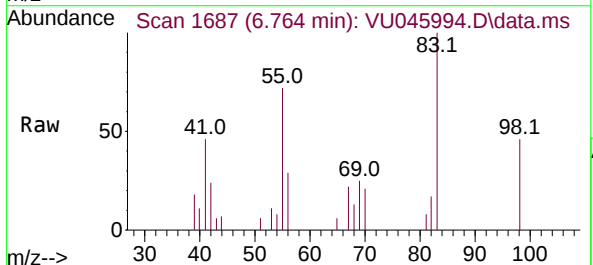
Instrument :
MSVOA_U
ClientSampleId :

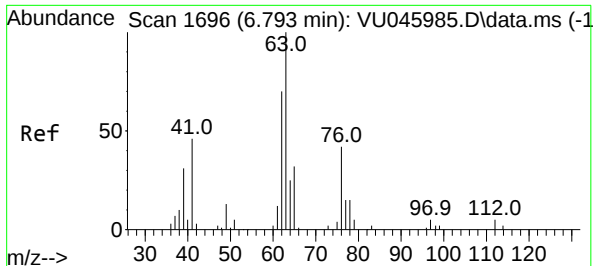
Tgt Ion: 78 Resp: 353232



#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion: 83 Resp: 3463
Ion Ratio Lower Upper
83 100
55 92.4 61.9 92.9
98 43.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

Instrument :

MSVOA_U

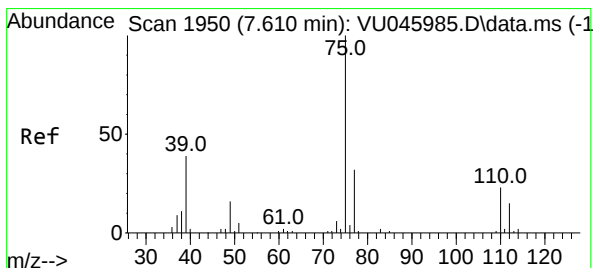
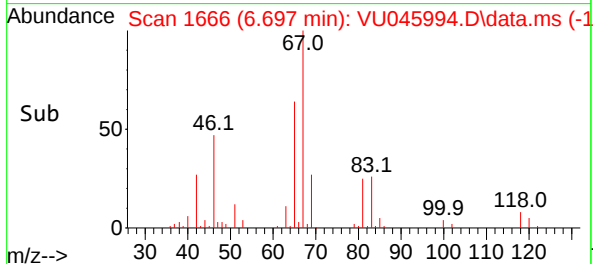
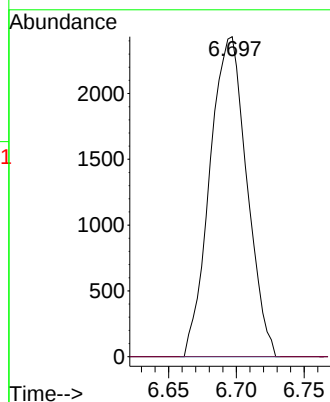
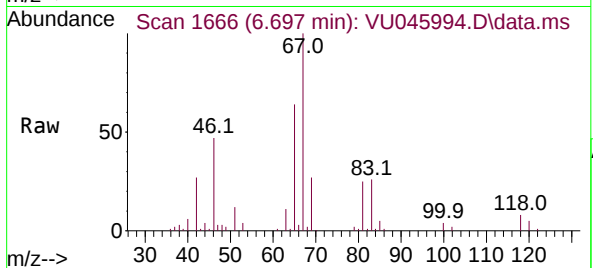
ClientSampleId :

Tgt Ion: 63 Resp: 4613

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU045994.D

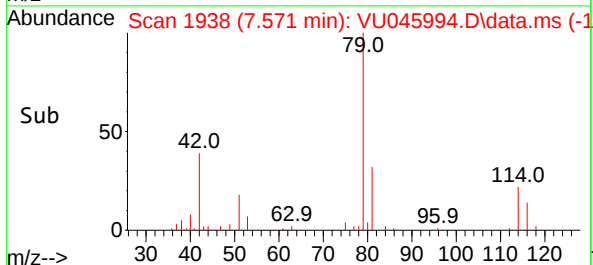
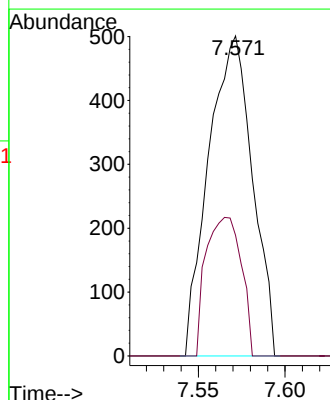
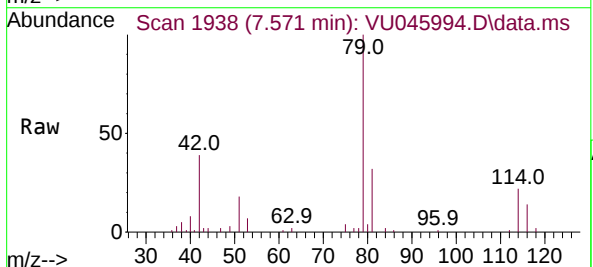
Acq: 24 Nov 2021 15:03

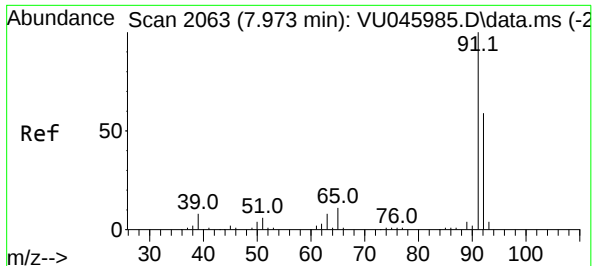
Tgt Ion: 75 Resp: 882

Ion Ratio Lower Upper

75 100

77 37.7 22.5 41.9

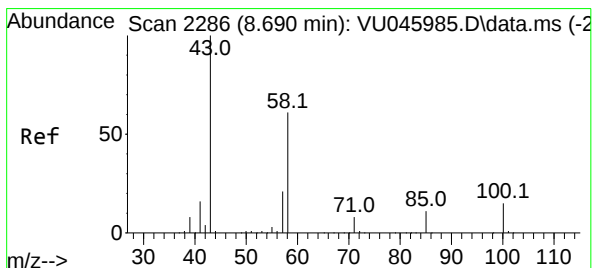
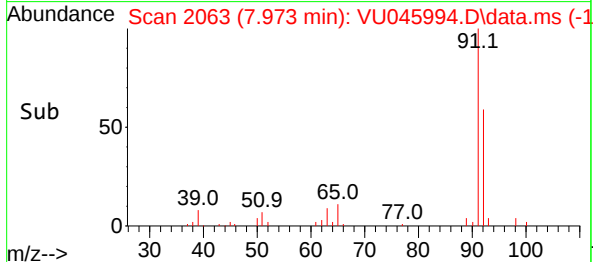
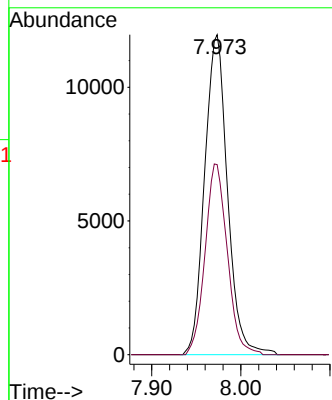
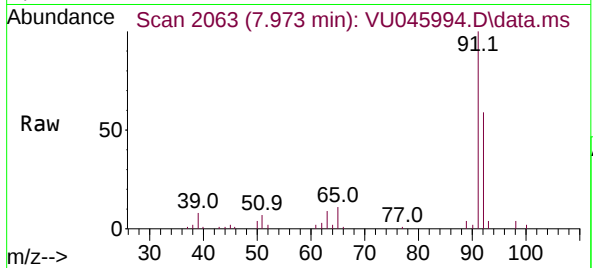




#42
Toluene
Concen: 0.817 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

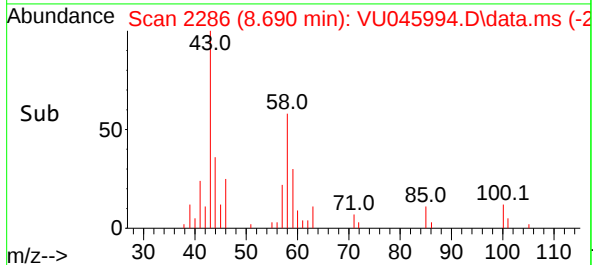
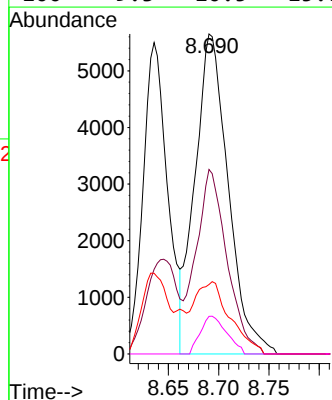
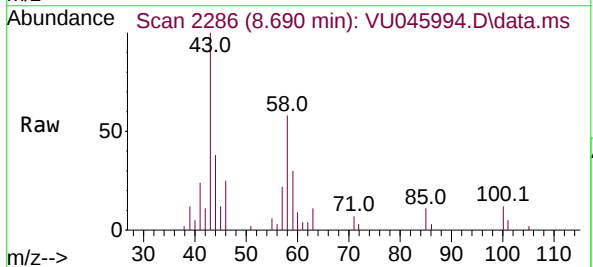
Instrument :
MSVOA_U
ClientSampleId :

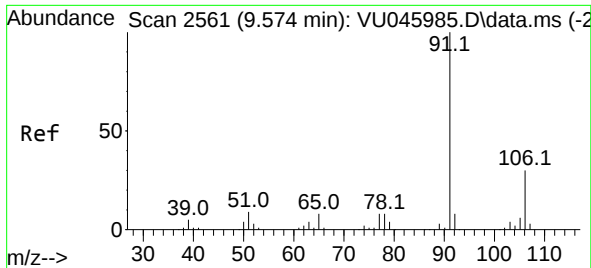
Tgt Ion: 91 Resp: 21316
Ion Ratio Lower Upper
91 100
92 59.4 41.3 76.7



#48
2-Hexanone
Concen: 4.122 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion: 43 Resp: 12998
Ion Ratio Lower Upper
43 100
58 53.3 46.7 70.1
57 24.4 16.3 24.5
100 9.3 10.5 15.7#

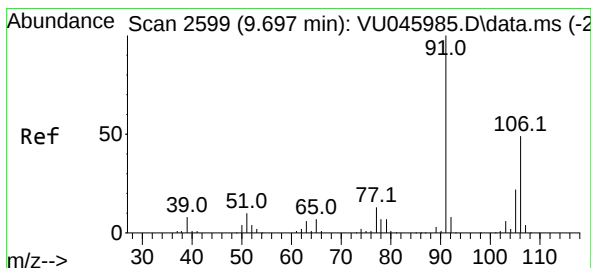
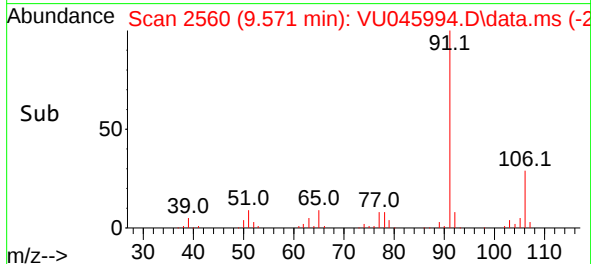
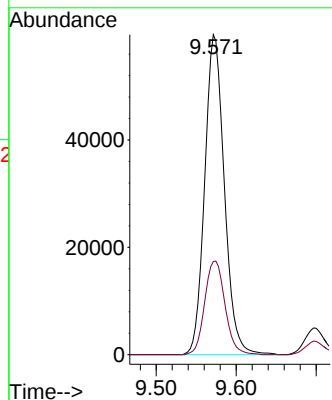
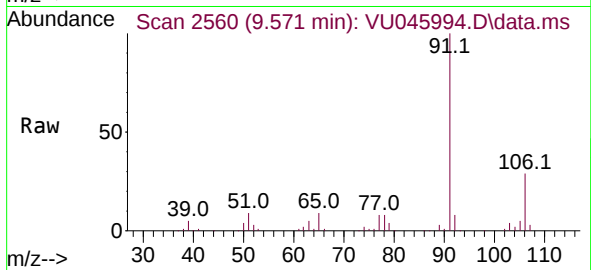




#52
Ethylbenzene
Concen: 3.729 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

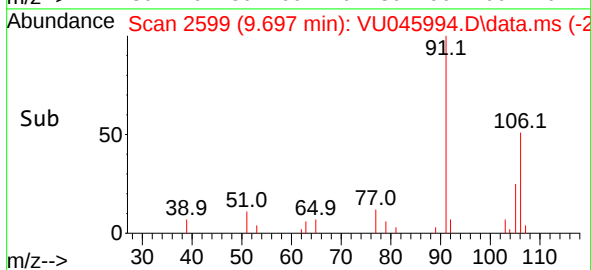
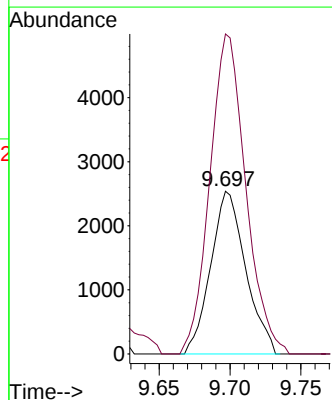
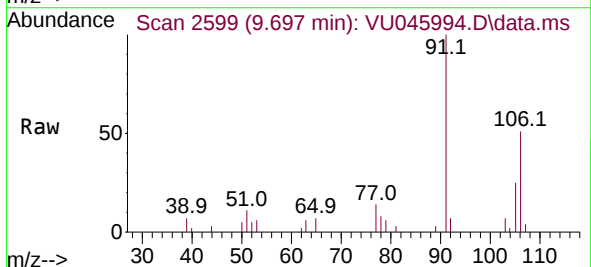
Instrument :
MSVOA_U
ClientSampleId :

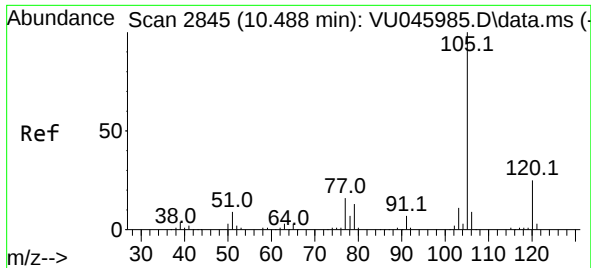
Tgt Ion: 91 Resp: 101870
Ion Ratio Lower Upper
91 100
106 29.1 21.5 39.9



#53
m,p-Xylene
Concen: 0.416 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion:106 Resp: 4357
Ion Ratio Lower Upper
106 100
91 196.6 139.4 259.0

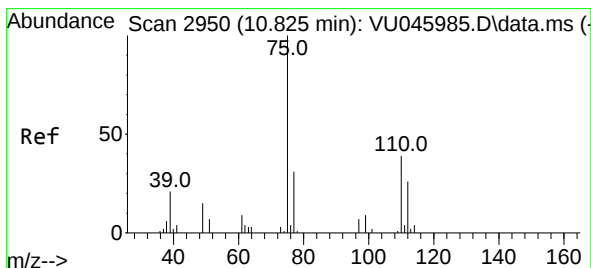
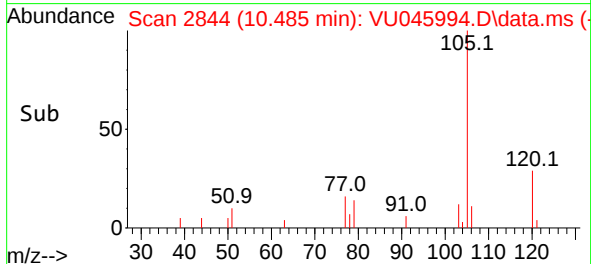
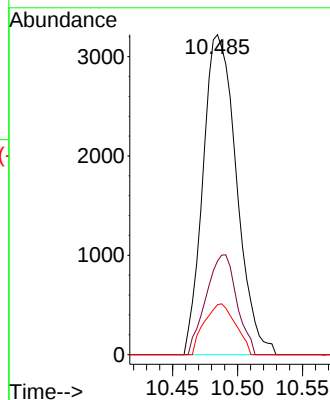
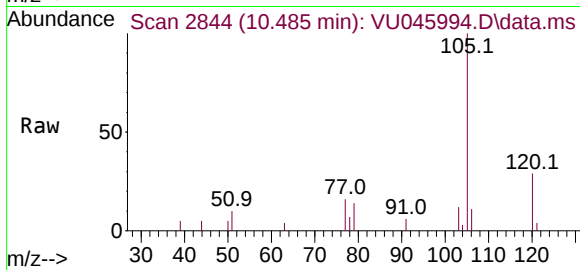




#60
Isopropylbenzene
Concen: 0.229 ug/L
RT: 10.485 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

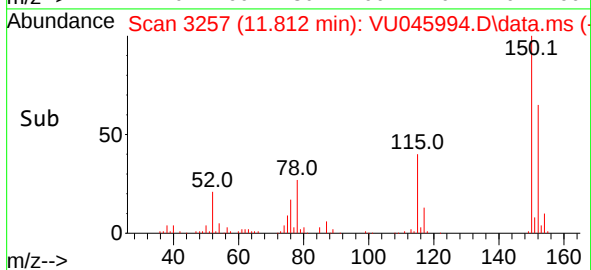
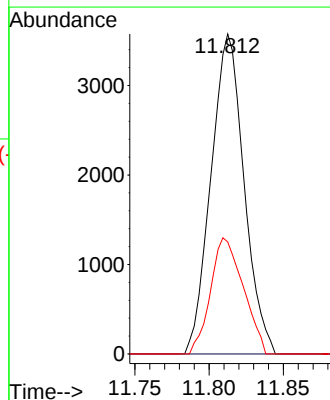
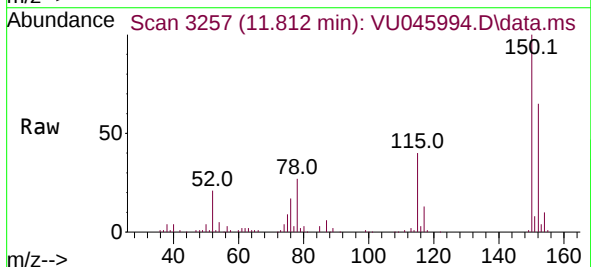
Instrument :
MSVOA_U
ClientSampleId :

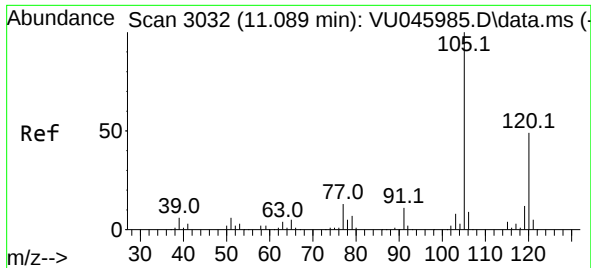
Tgt Ion:105 Resp: 5773
Ion Ratio Lower Upper
105 100
120 28.6 20.7 31.1
77 14.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.243 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion: 75 Resp: 5535
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 35.9 25.5 38.3

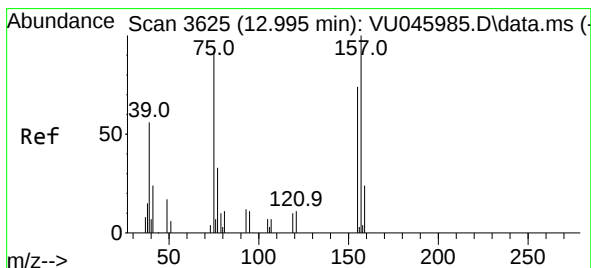
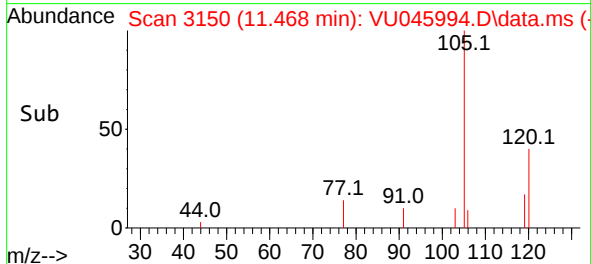
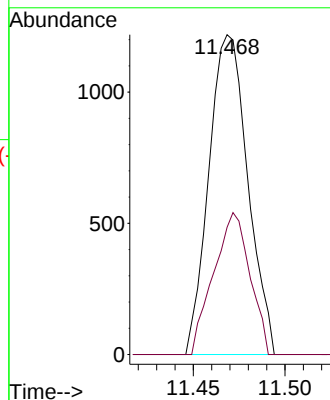
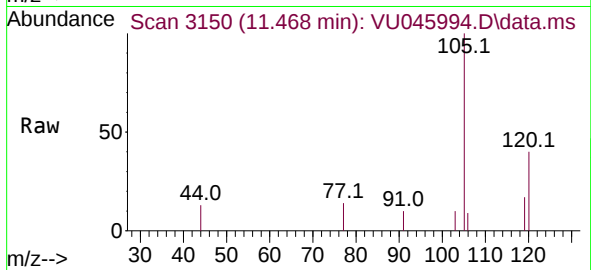




#62
 1,3,5-Trimethylbenzene
 Concen: 0.087 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.380 min
 Lab File: VU045994.D
 Acq: 24 Nov 2021 15:03

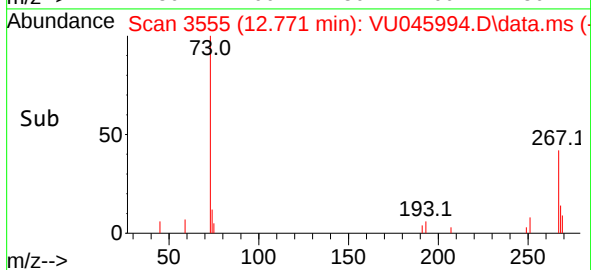
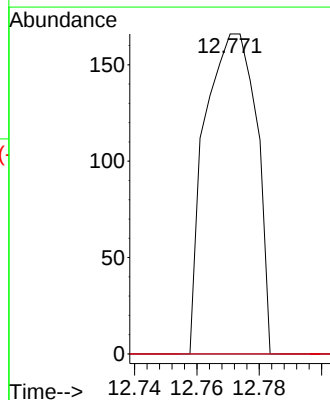
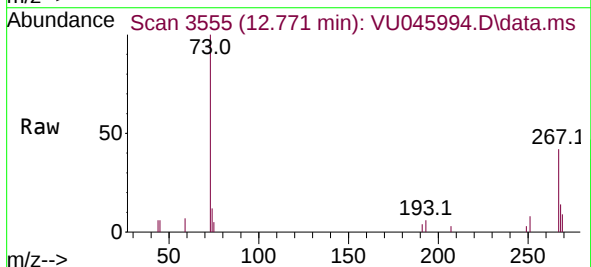
Instrument :
 MSVOA_U
 ClientSampleId :

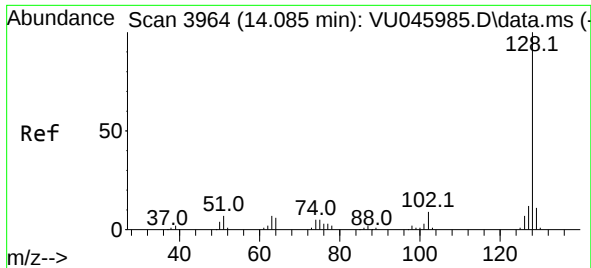
Tgt Ion:105 Resp: 1799
 Ion Ratio Lower Upper
 105 100
 120 41.4 38.3 57.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.204 ug/L
 RT: 12.771 min Scan# 3555
 Delta R.T. -0.225 min
 Lab File: VU045994.D
 Acq: 24 Nov 2021 15:03

Tgt Ion: 75 Resp: 189
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.2 88.8#
 157 0.0 76.5 114.7#





#71

Naphthalene

Concen: 0.875 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

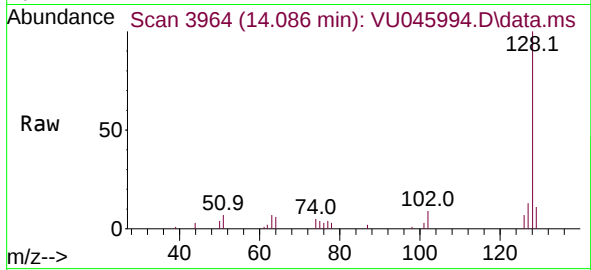
Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 13361

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.8 10.2 15.2

