

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061693.D
 Acq On : 15 Nov 2024 00:42
 Operator : MD/SY
 Sample : P4803-19DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

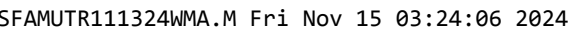
Quant Time: Nov 15 03:23:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

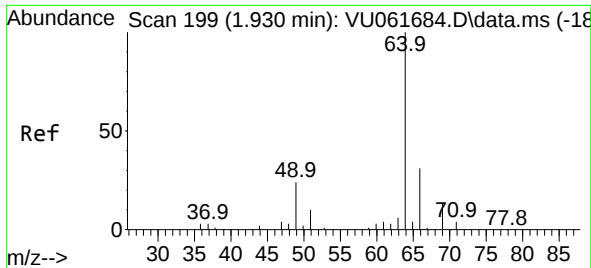
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44672	4.421	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.911	69	41088	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	18209	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.631	46	106383	49.599	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.200%
24) Chloroform-d	5.052	84	98799	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.692	65	49779	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	195967	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.682	67	62241	5.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.891	98	164748	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.174	79	19662	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	93943	57.731	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48526	5.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	58412	5.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	28983	3.590	ug/L #	82
14) Carbon disulfide	2.785	76	5286	0.174	ug/L	100
30) Cyclohexane	5.374	56	1041	0.067	ug/L #	80
33) Benzene	5.766	78	34307	0.827	ug/L	100
37) 1,2-Dichloropropane	6.682	63	6325	0.601	ug/L #	91
42) Toluene	7.965	91	9456	0.212	ug/L	96
51) Chlorobenzene	9.438	112	347966	12.108	ug/L	100
53) m,p-Xylene	9.689	106	4399	0.242	ug/L	80
54) o-Xylene	10.090	106	3876	0.219	ug/L	73
60) Isopropylbenzene	10.476	105	127628	2.991	ug/L	99
61) 1,2,3-Trichloropropane	10.473	75	1492	0.257	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.888	105	4231	0.124	ug/L	88
63) 1,2,4-Trimethylbenzene	11.888	105	4231	0.127	ug/L	92
68) 1,2-Dibromo-3-chloropr...	13.213	75	184	0.182	ug/L #	3
71) Naphthalene	14.097	128	2979	0.196	ug/L #	92

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

Quant Time: Nov 15 03:23:55 2024
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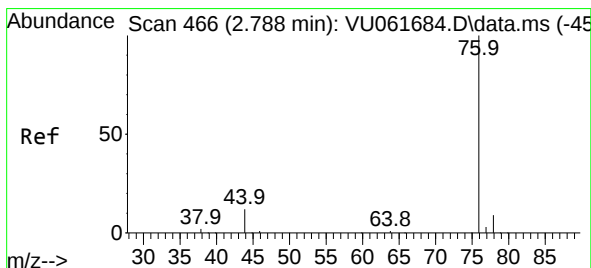
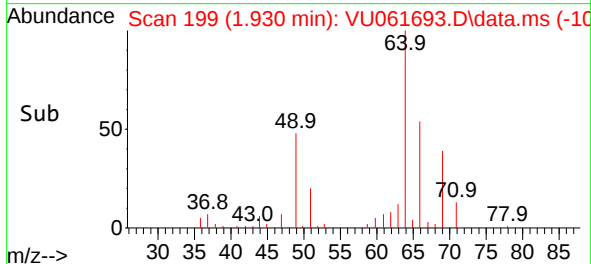
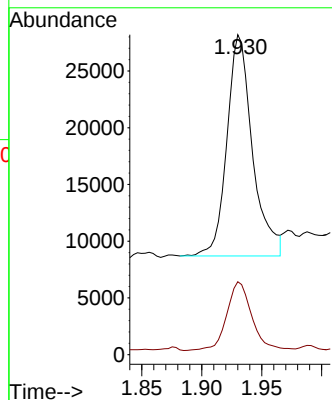
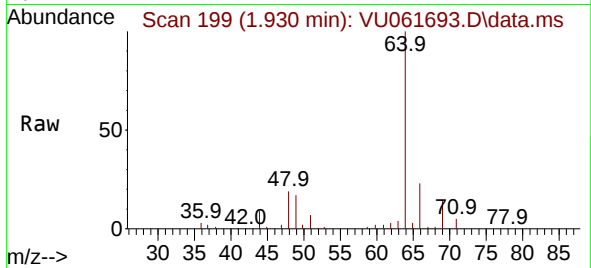




#8
Chloroethane
Concen: 3.590 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

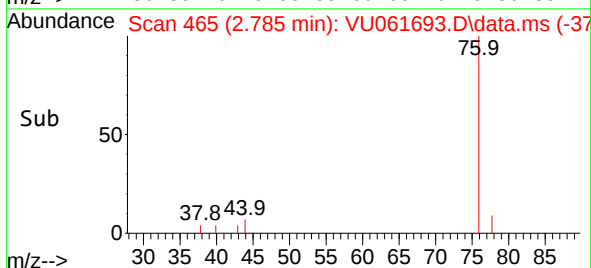
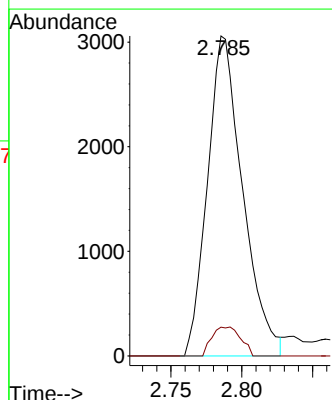
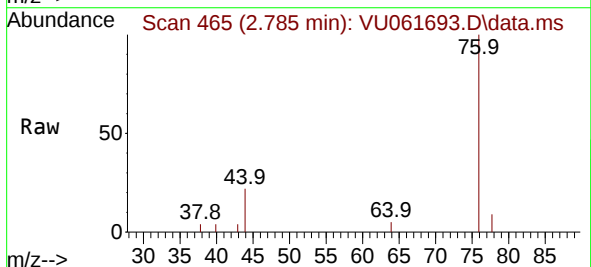
Instrument :
MSVOA_U
ClientSampleId :

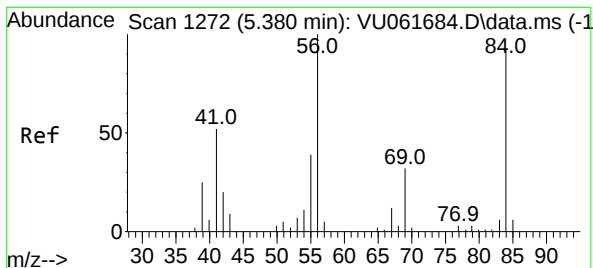
Tgt Ion: 64 Resp: 28983
Ion Ratio Lower Upper
64 100
66 22.8 23.1 42.9#



#14
Carbon disulfide
Concen: 0.174 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

Tgt Ion: 76 Resp: 5286
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#30

Cyclohexane

Concen: 0.067 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.006 min

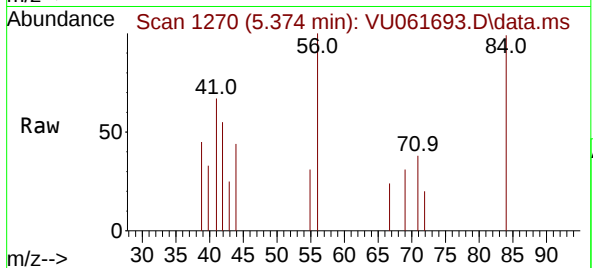
Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

Instrument :

MSVOA_U

ClientSampleId :



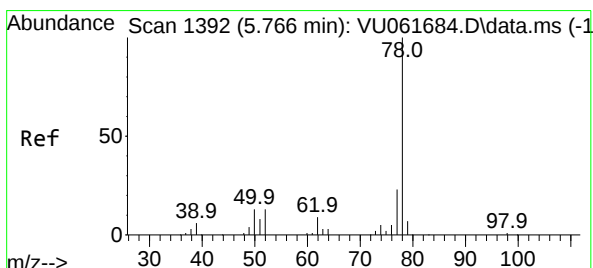
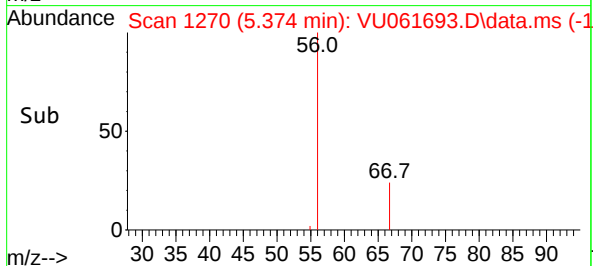
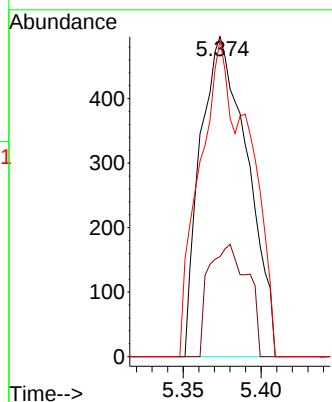
Tgt Ion: 56 Resp: 1041

Ion Ratio Lower Upper

56 100

69 28.9 25.6 38.4

84 68.6 74.3 111.5#



#33

Benzene

Concen: 0.827 ug/L

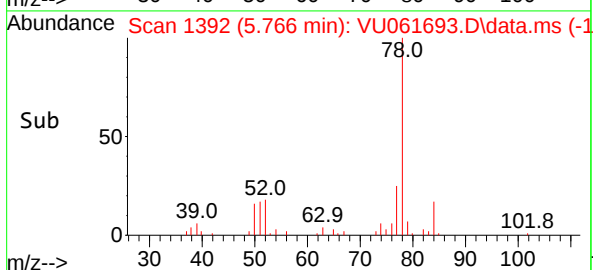
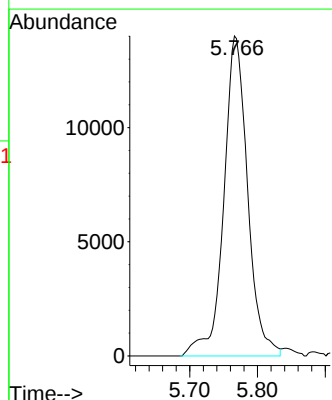
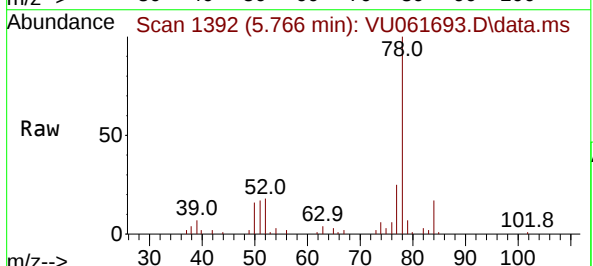
RT: 5.766 min Scan# 1392

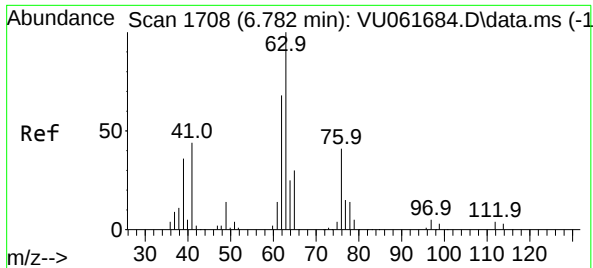
Delta R.T. 0.000 min

Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

Tgt Ion: 78 Resp: 34307

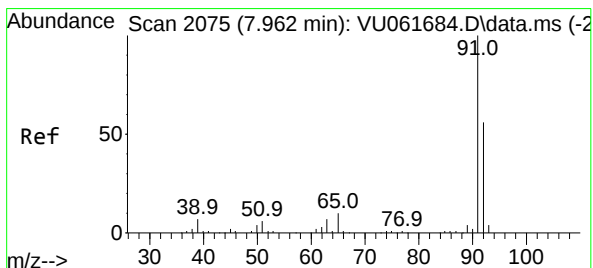
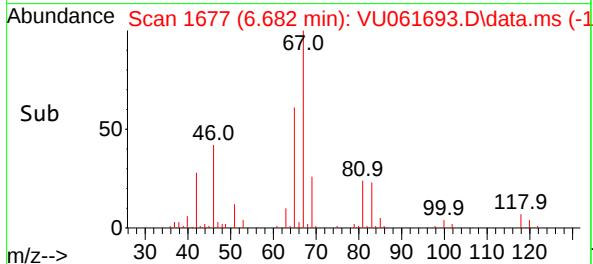
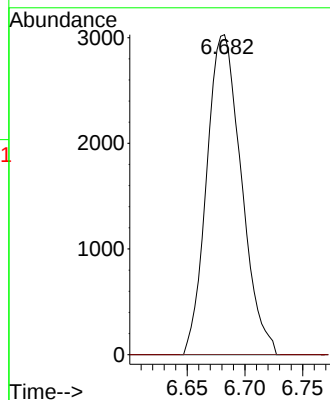
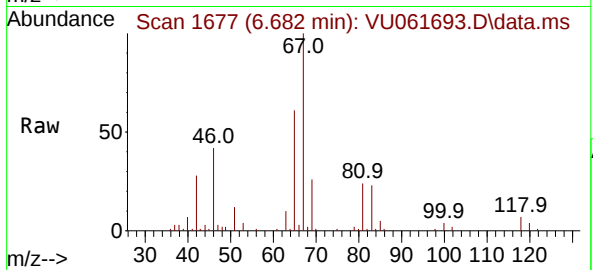




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

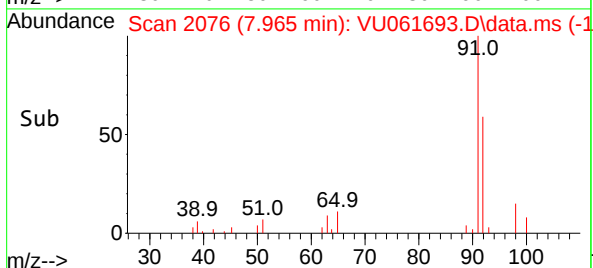
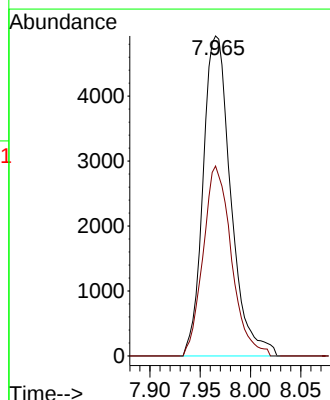
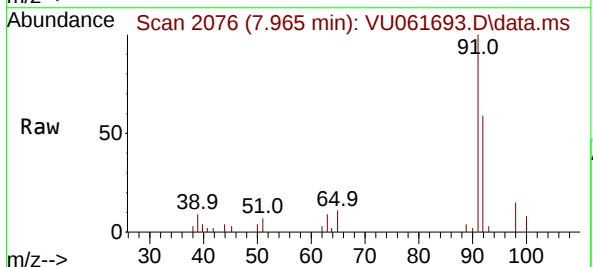
Instrument :
MSVOA_U
ClientSampleId :

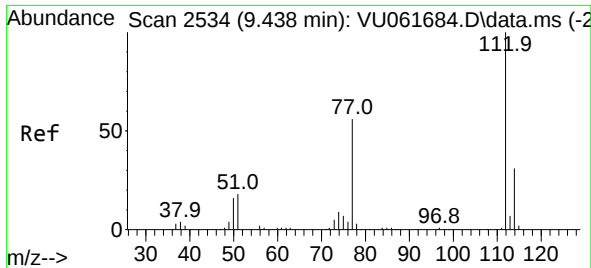
Tgt Ion: 63 Resp: 6325
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.4#



#42
Toluene
Concen: 0.212 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

Tgt Ion: 91 Resp: 9456
Ion Ratio Lower Upper
91 100
92 59.4 39.7 73.7

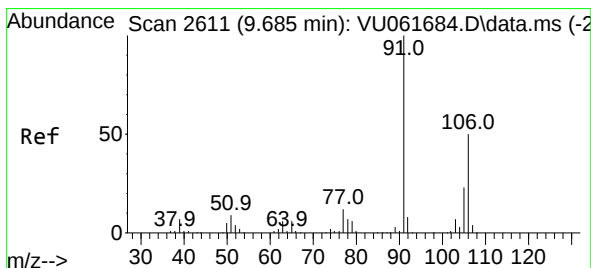
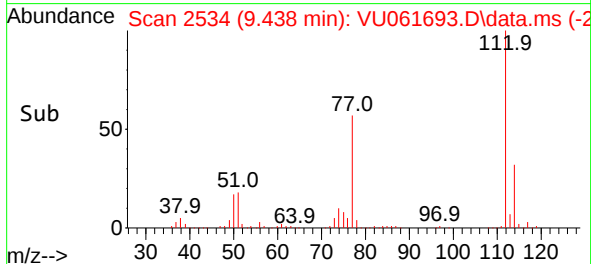
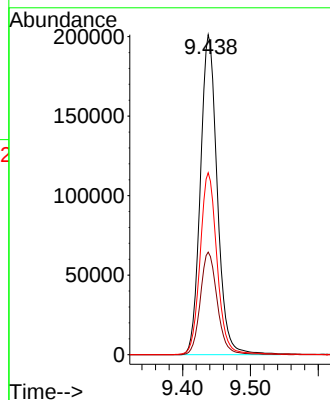
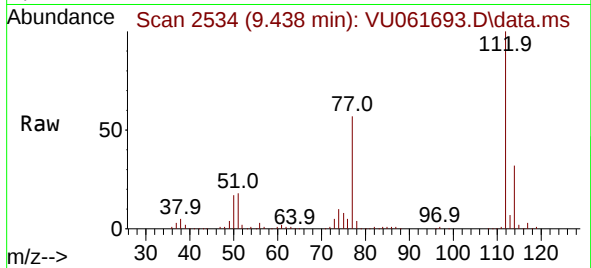




#51
Chlorobenzene
Concen: 12.108 ug/L
RT: 9.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

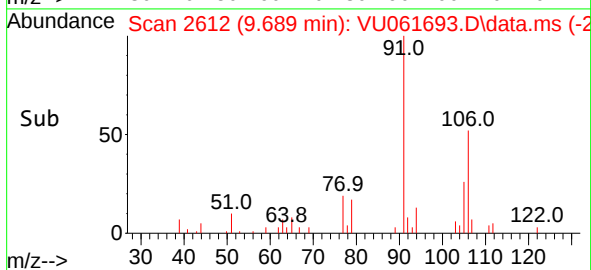
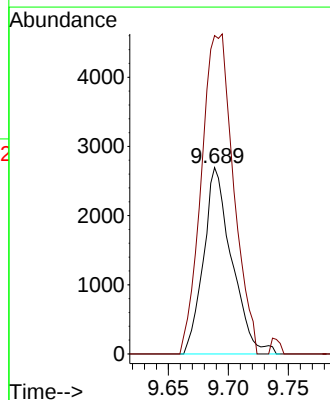
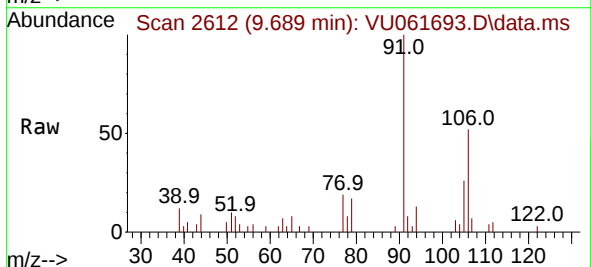
Instrument :
MSVOA_U
ClientSampleId :

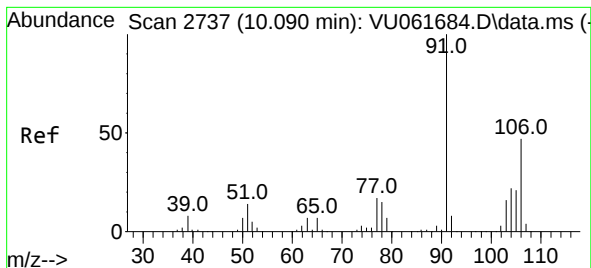
Tgt Ion:112 Resp: 347966
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 56.9 45.3 67.9



#53
m,p-Xylene
Concen: 0.242 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

Tgt Ion:106 Resp: 4399
Ion Ratio Lower Upper
106 100
91 170.8 140.4 260.8





#54

o-Xylene

Concen: 0.219 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

Instrument :

MSVOA_U

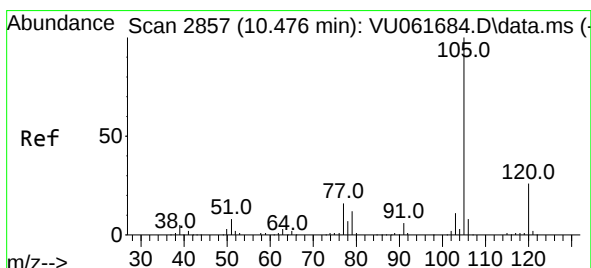
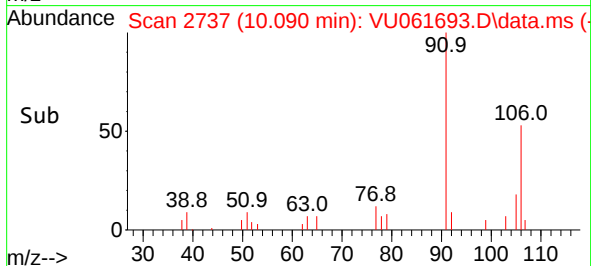
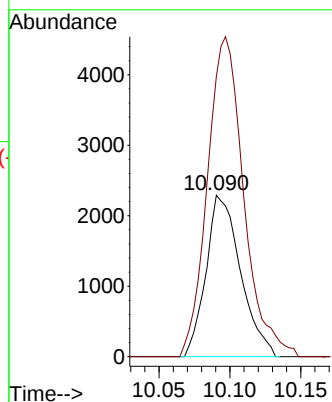
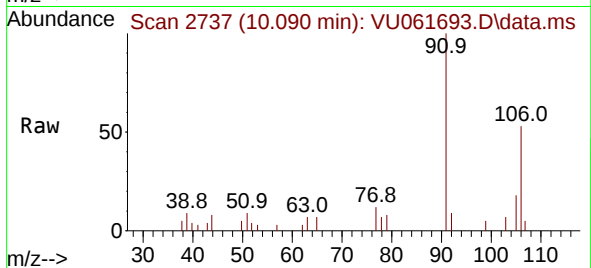
ClientSampleId :

Tgt Ion:106 Resp: 3876

Ion Ratio Lower Upper

106 100

91 173.7 151.3 280.9



#60

Isopropylbenzene

Concen: 2.991 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

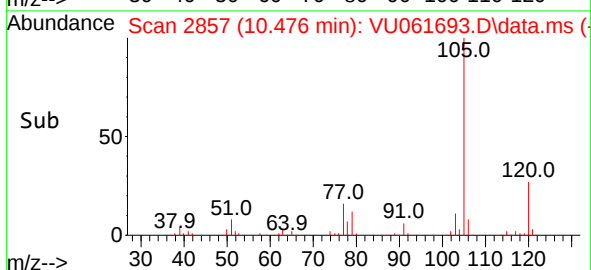
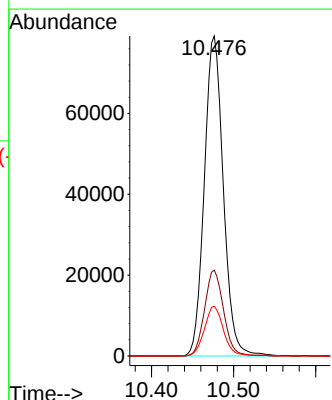
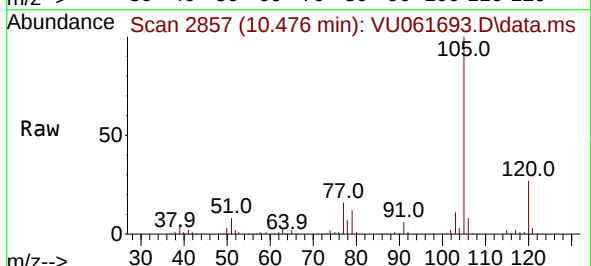
Tgt Ion:105 Resp: 127628

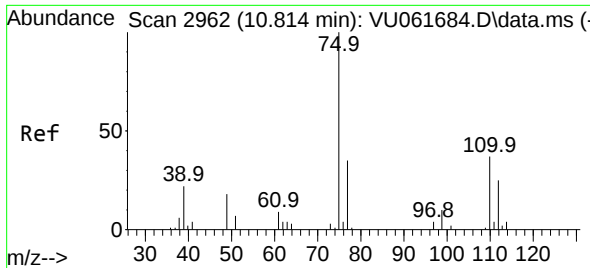
Ion Ratio Lower Upper

105 100

120 26.7 21.6 32.4

77 15.5 12.8 19.2

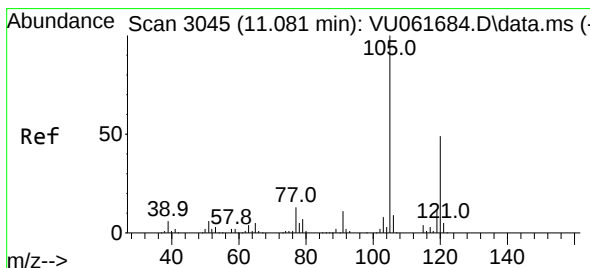
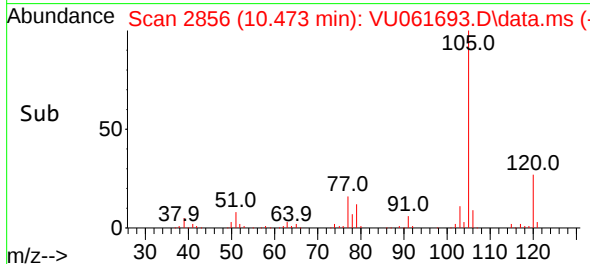
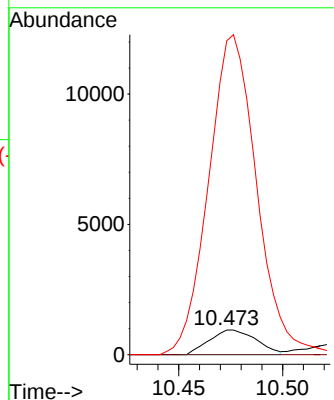
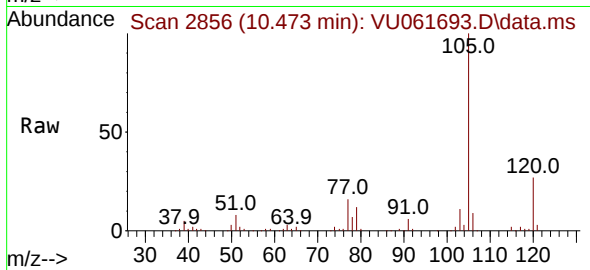




#61
 1,2,3-Trichloropropane
 Concen: 0.257 ug/L
 RT: 10.473 min Scan# 21
 Delta R.T. -0.341 min
 Lab File: VU061693.D
 Acq: 15 Nov 2024 00:42

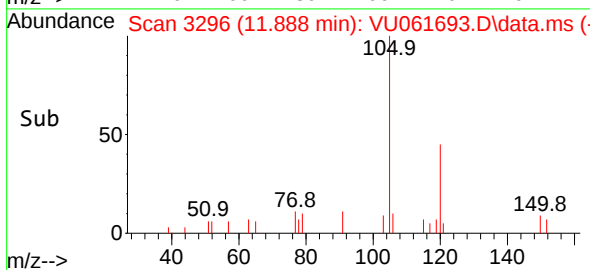
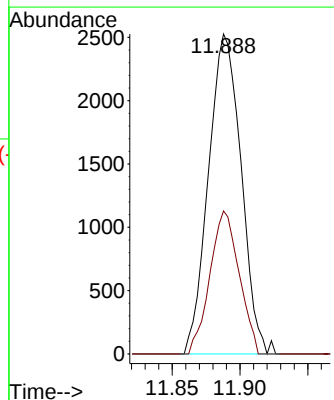
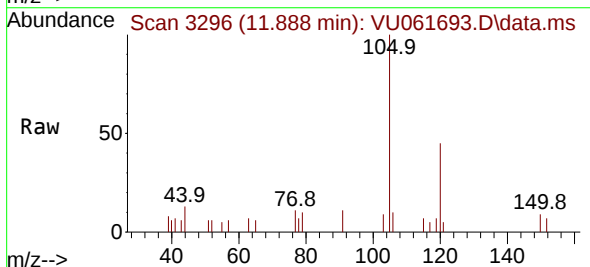
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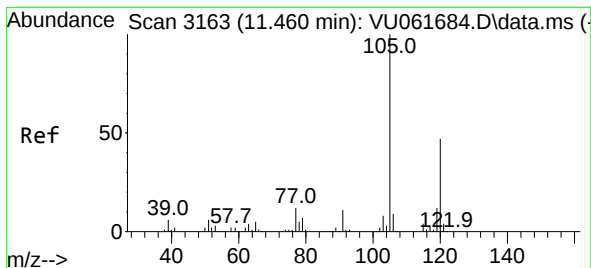
Tgt Ion: 75 Resp: 1492
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.3 46.9#
 77 1325.6 26.0 39.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.124 ug/L
 RT: 11.888 min Scan# 3296
 Delta R.T. 0.807 min
 Lab File: VU061693.D
 Acq: 15 Nov 2024 00:42

Tgt Ion: 105 Resp: 4231
 Ion Ratio Lower Upper
 105 100
 120 40.0 38.5 57.7





#63

1,2,4-Trimethylbenzene

Concen: 0.127 ug/L

RT: 11.888 min Scan# 31

Delta R.T. 0.428 min

Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

Instrument :

MSVOA_U

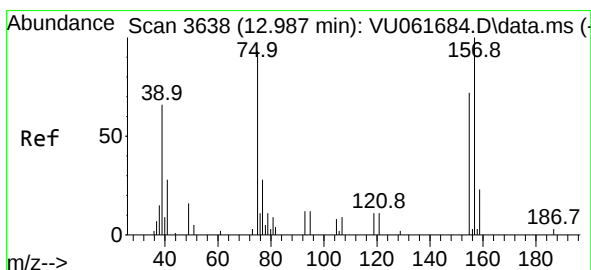
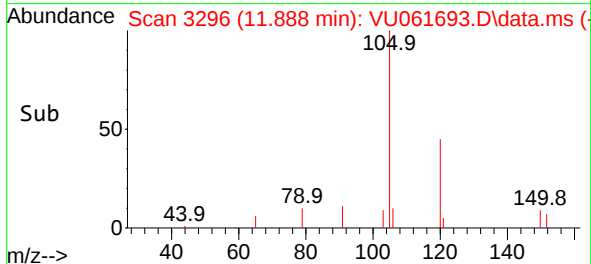
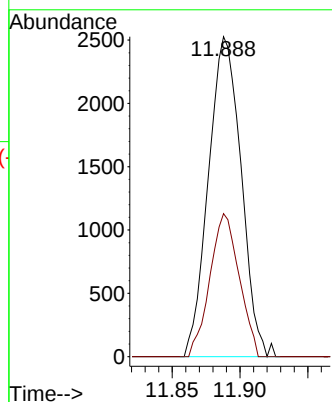
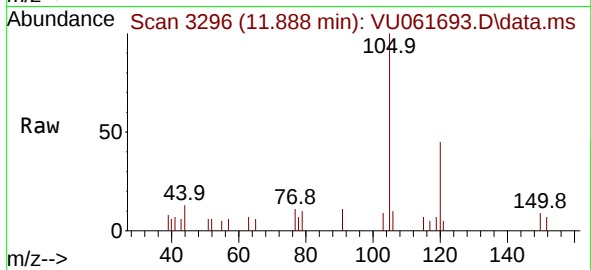
ClientSampleId :

Tgt Ion:105 Resp: 4231

Ion Ratio Lower Upper

105 100

120 40.0 36.3 54.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.182 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.225 min

Lab File: VU061693.D

Acq: 15 Nov 2024 00:42

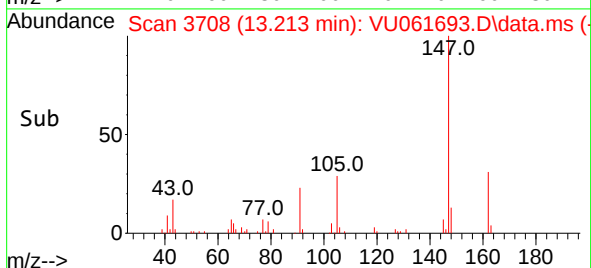
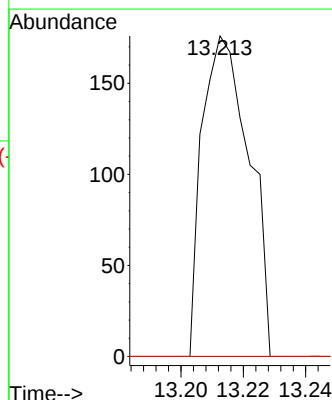
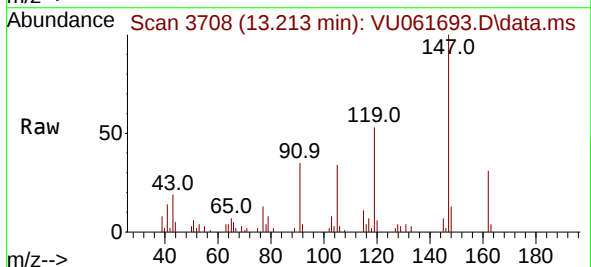
Tgt Ion: 75 Resp: 184

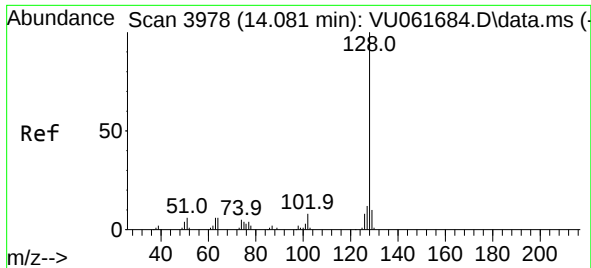
Ion Ratio Lower Upper

75 100

155 0.0 62.6 93.8#

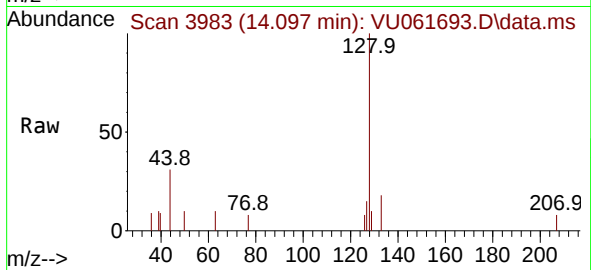
157 0.0 84.9 127.3#





#71
Naphthalene
Concen: 0.196 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU061693.D
Acq: 15 Nov 2024 00:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	2979
Ion	Ratio	Lower	Upper
128	100		
129	8.5	8.5	12.7
127	8.9	10.4	15.6#

