

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061694.D
 Acq On : 15 Nov 2024 01:06
 Operator : MD/SY
 Sample : P4803-20DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:24:16 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	158988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48803	4.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	45820	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	22439	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.631	46	113698	52.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.052	84	108815	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.692	65	54813	5.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	5.717	84	226405	5.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.679	67	70533	5.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.800%
41) Toluene-d8	7.891	98	203398	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	8.174	79	21069	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	103994	59.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53567	5.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	71775	6.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.800%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	35112	4.279	ug/L #	80
14) Carbon disulfide	2.788	76	3980	0.129	ug/L #	95
16) Methylene chloride	3.039	84	1562	0.141	ug/L #	83
30) Cyclohexane	5.377	56	2157	0.129	ug/L #	88
33) Benzene	5.769	78	38364	0.863	ug/L	100
35) Methylcyclohexane	6.756	83	1265	0.070	ug/L #	86
37) 1,2-Dichloropropane	6.682	63	7478	0.663	ug/L #	96
42) Toluene	7.968	91	11729	0.245	ug/L	94
48) 2-Hexanone	8.631	43	15981	4.134	ug/L #	68
51) Chlorobenzene	9.438	112	398414	12.934	ug/L	100
52) Ethylbenzene	9.563	91	5282	0.104	ug/L #	82
53) m,p-Xylene	9.692	106	5559	0.285	ug/L	100
54) o-Xylene	10.094	106	4608	0.243	ug/L	100
60) Isopropylbenzene	10.476	105	158138	3.472	ug/L	99
61) 1,2,3-Trichloropropane	10.476	75	1980	0.320	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.891	105	5099	0.140	ug/L	90
63) 1,2,4-Trimethylbenzene	11.891	105	5099	0.144	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.962	75	150	0.139	ug/L #	3
71) Naphthalene	14.093	128	4144	0.255	ug/L	99

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Sample : P4803-20DL 2X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

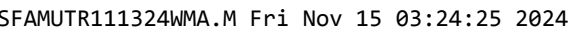
Instrument :
MSVOA_U
ClientSampleId :

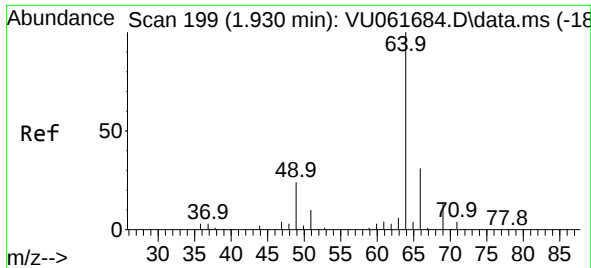
Quant Time: Nov 15 03:24:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 03:17:58 2024
Response via : Initial Calibration

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

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

Quant Time: Nov 15 03:24:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
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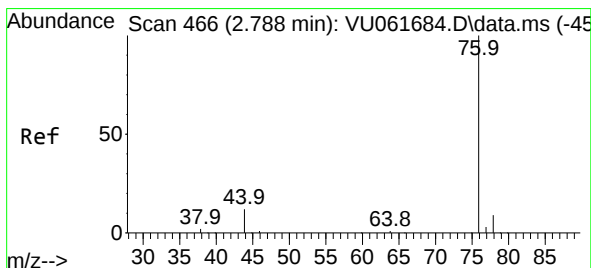
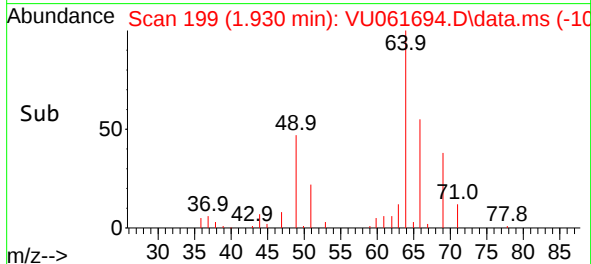
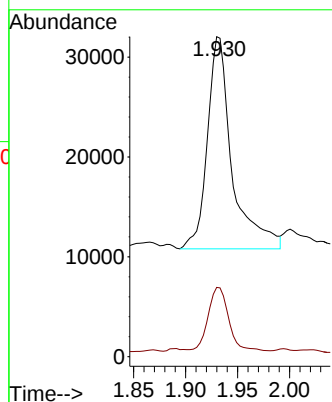
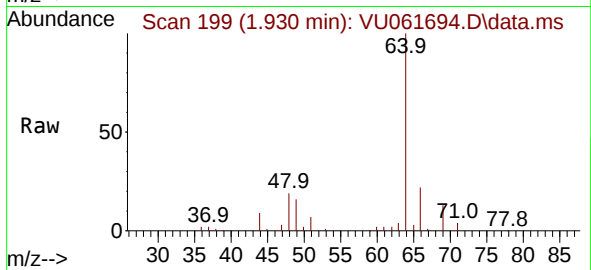




#8
Chloroethane
Concen: 4.279 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

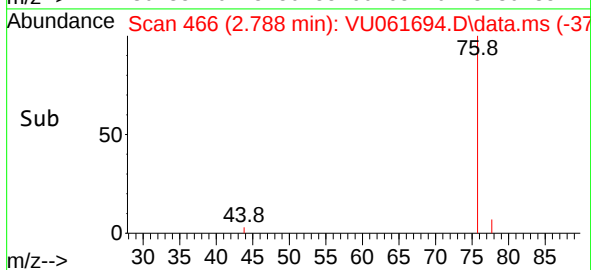
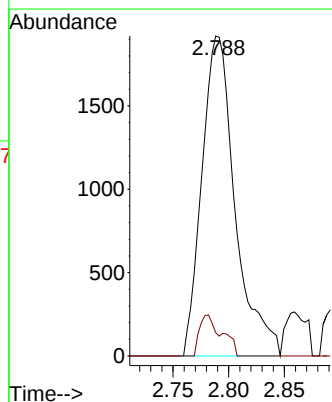
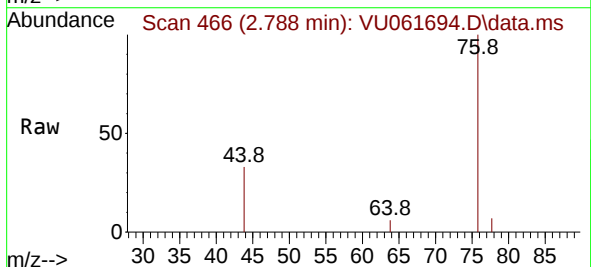
Instrument :
MSVOA_U
ClientSampleId :

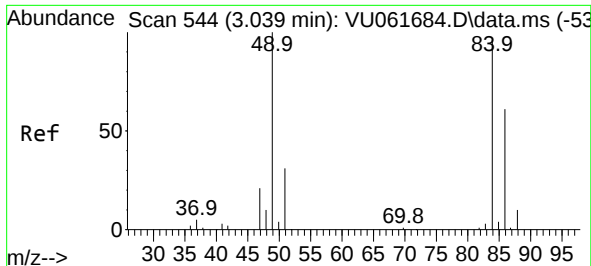
Tgt Ion: 64 Resp: 35112
Ion Ratio Lower Upper
64 100
66 21.6 23.1 42.9#



#14
Carbon disulfide
Concen: 0.129 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

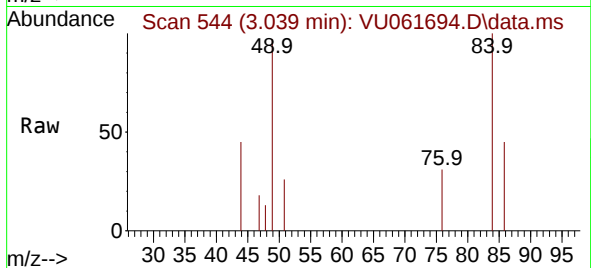
Tgt Ion: 76 Resp: 3980
Ion Ratio Lower Upper
76 100
78 7.2 7.3 10.9#



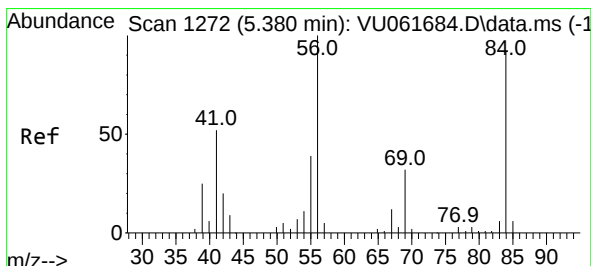
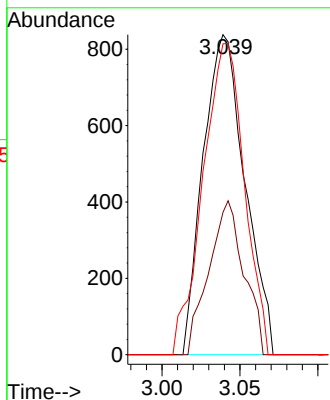
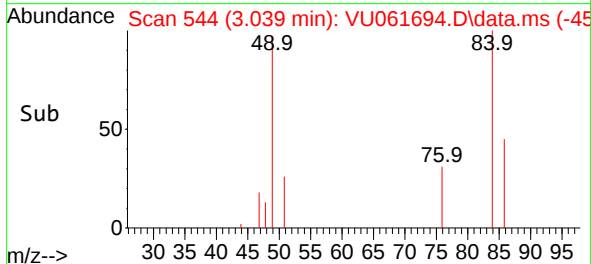


#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Instrument :
MSVOA_U
ClientSampleId :

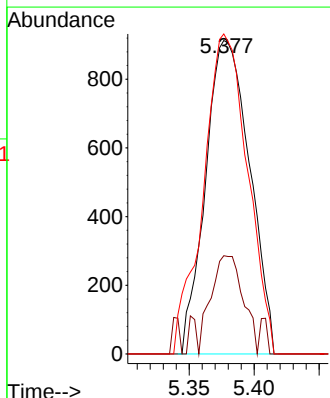
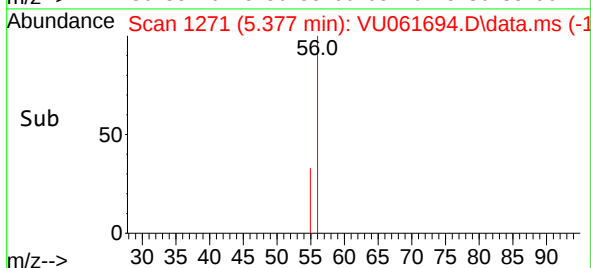
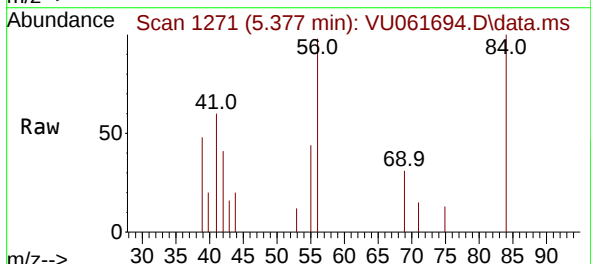


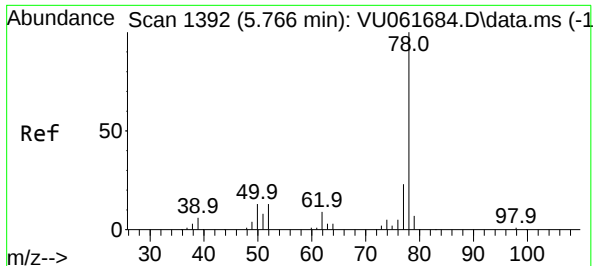
Tgt Ion: 84 Resp: 1562
Ion Ratio Lower Upper
84 100
86 44.5 45.1 83.7#
49 97.1 76.3 141.7



#30
Cyclohexane
Concen: 0.129 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 22.9 25.6 38.4#
84 102.3 74.3 111.5

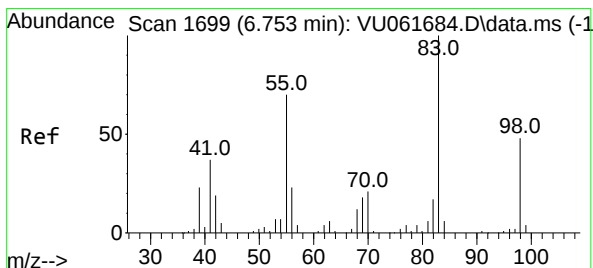
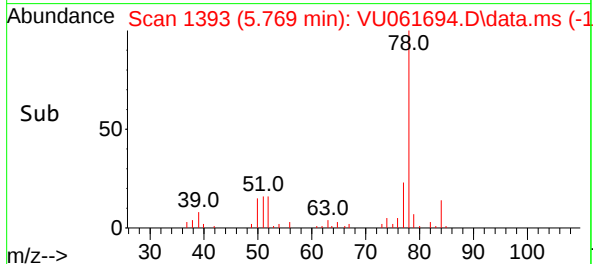
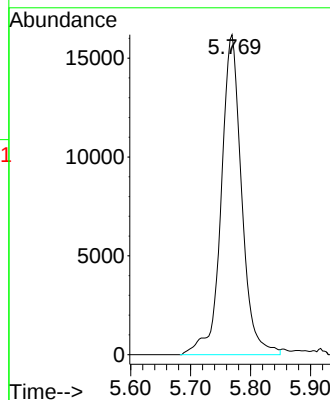
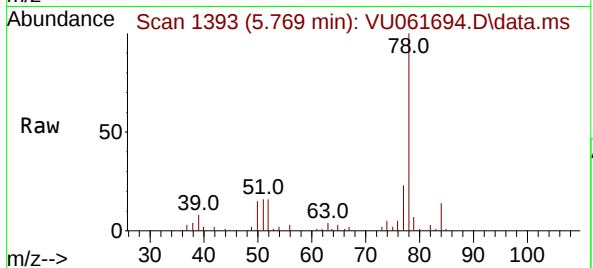




#33
Benzene
Concen: 0.863 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

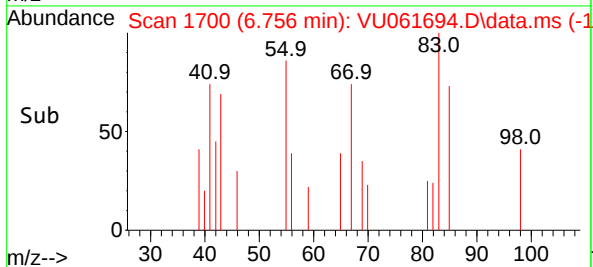
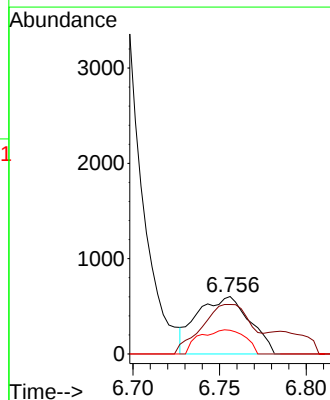
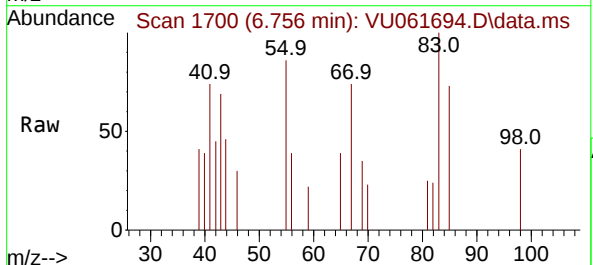
Instrument :
MSVOA_U
ClientSampleId :

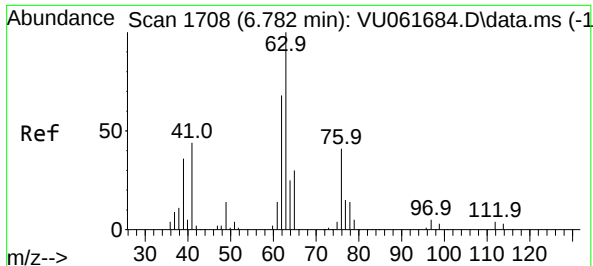
Tgt Ion: 78 Resp: 38364



#35
Methylcyclohexane
Concen: 0.070 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Tgt Ion: 83 Resp: 1265
Ion Ratio Lower Upper
83 100
55 81.5 56.4 84.6
98 36.4 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061694.D

Acq: 15 Nov 2024 01:06

Instrument :

MSVOA_U

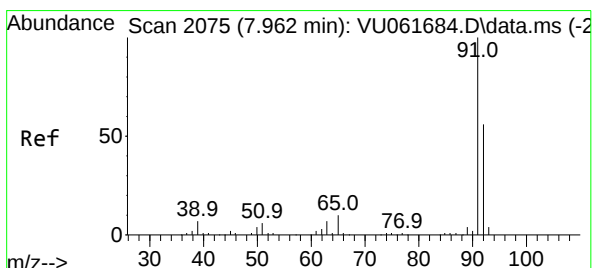
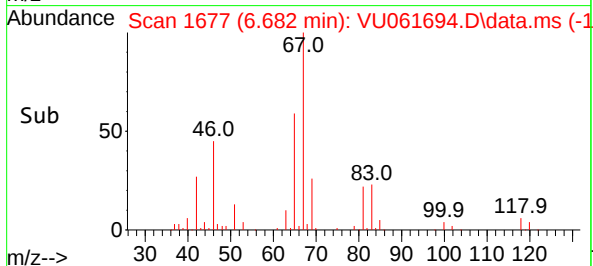
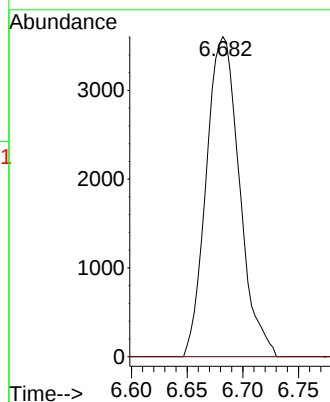
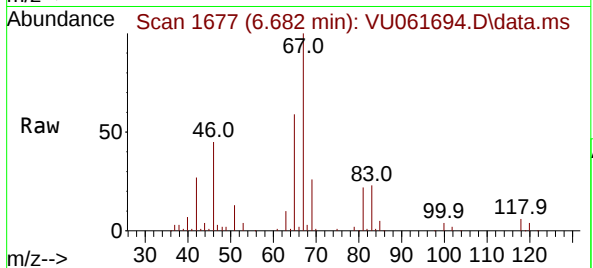
ClientSampleId :

Tgt Ion: 63 Resp: 7478

Ion Ratio Lower Upper

63 100

112 2.2 3.0 4.4#



#42

Toluene

Concen: 0.245 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU061694.D

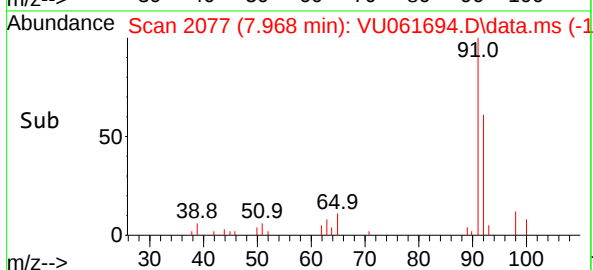
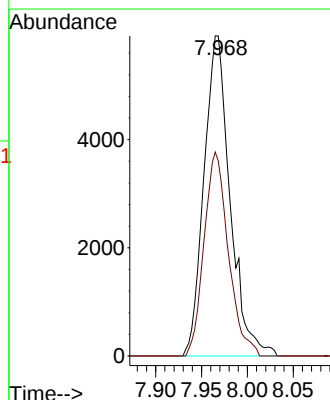
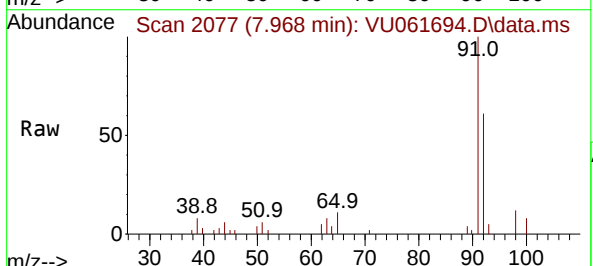
Acq: 15 Nov 2024 01:06

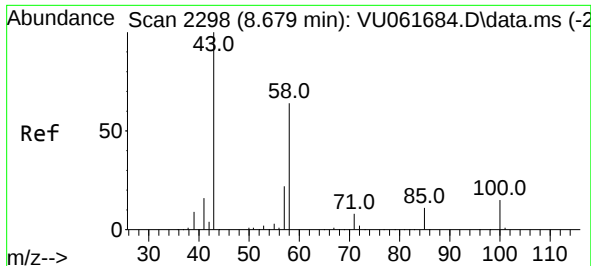
Tgt Ion: 91 Resp: 11729

Ion Ratio Lower Upper

91 100

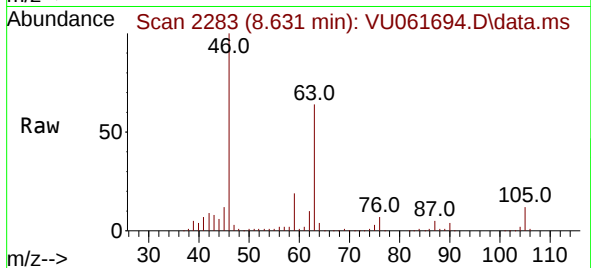
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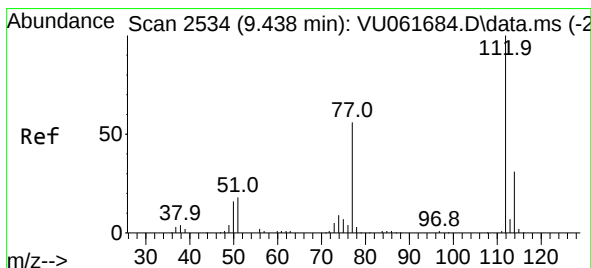
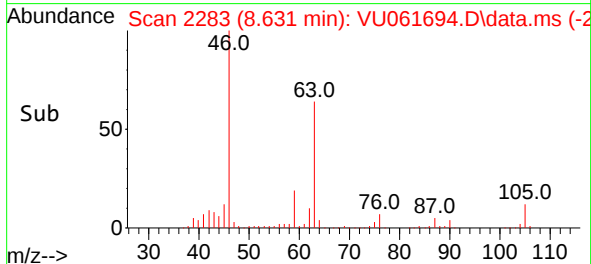
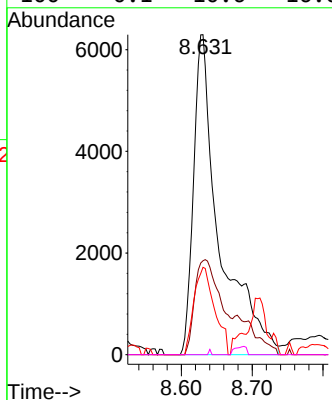


#48
2-Hexanone
Concen: 4.134 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Instrument :
MSVOA_U
ClientSampleId :

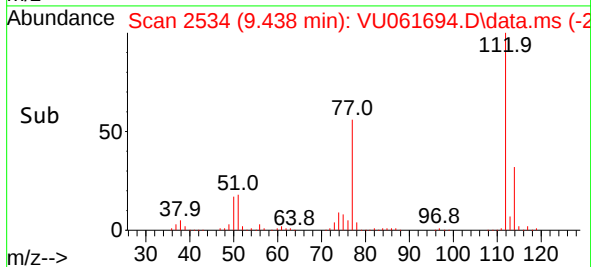
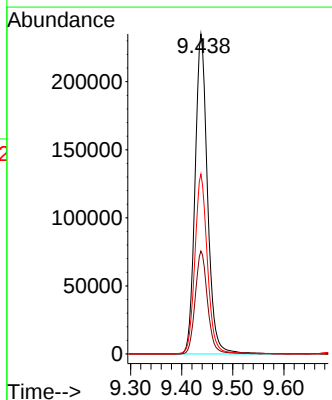
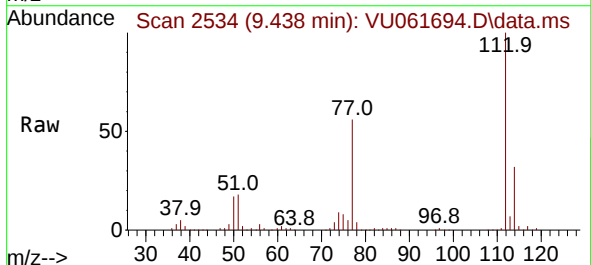


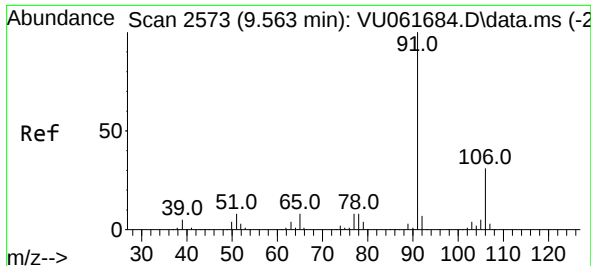
Tgt Ion:	43	Resp:	15981
Ion	Ratio	Lower	Upper
43	100		
58	29.8	49.4	74.2#
57	21.8	16.3	24.5
100	0.1	10.6	16.0#



#51
Chlorobenzene
Concen: 12.934 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Tgt Ion:	112	Resp:	398414
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	56.2	45.3	67.9

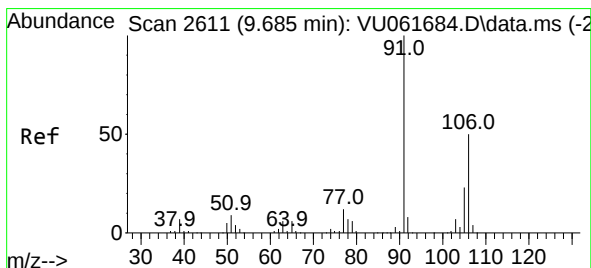
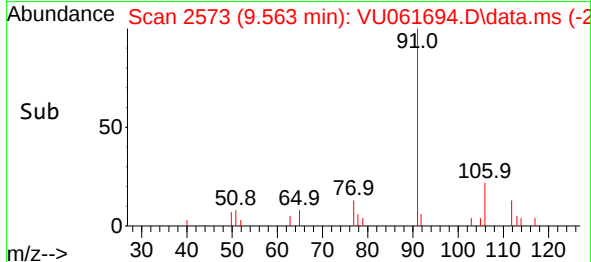
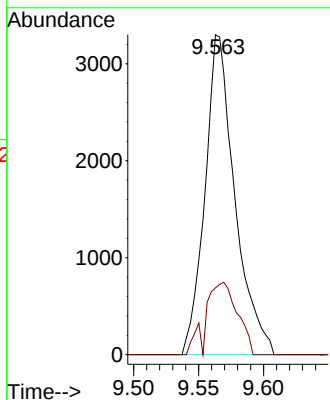
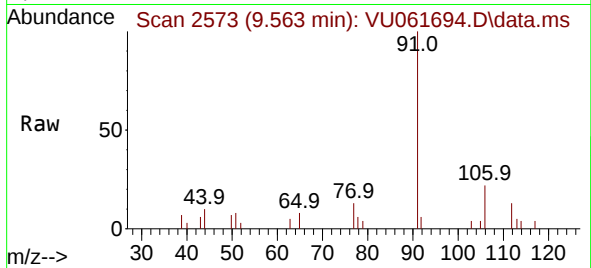




#52
Ethylbenzene
Concen: 0.104 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

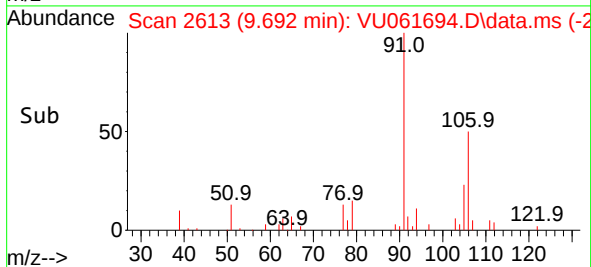
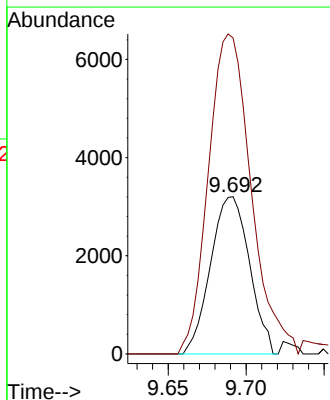
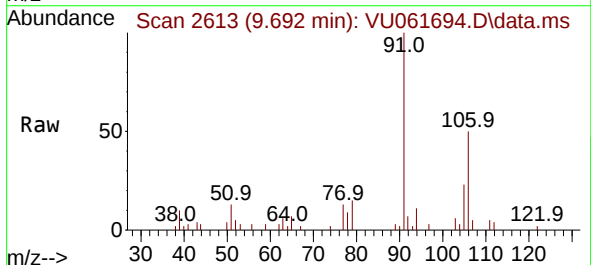
Instrument :
MSVOA_U
ClientSampleId :

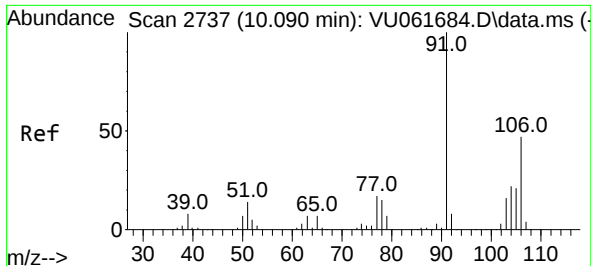
Tgt Ion: 91 Resp: 5282
Ion Ratio Lower Upper
91 100
106 20.9 21.7 40.3#



#53
m,p-Xylene
Concen: 0.285 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Tgt Ion: 106 Resp: 5559
Ion Ratio Lower Upper
106 100
91 201.0 140.4 260.8

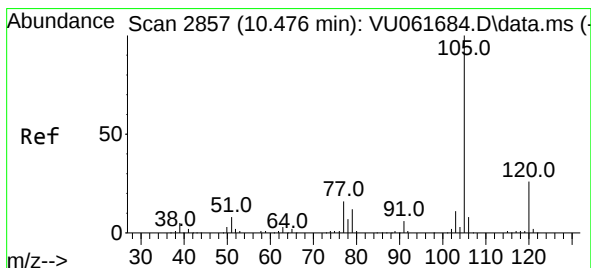
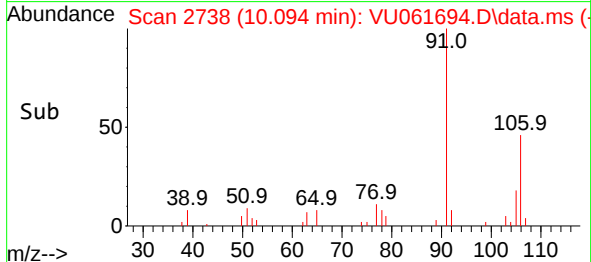
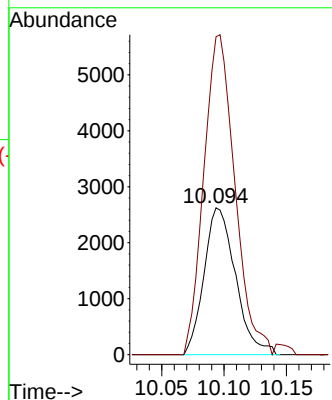
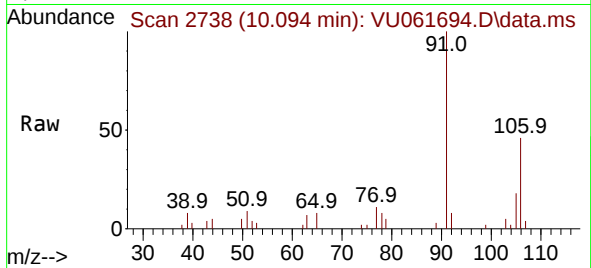




#54
o-Xylene
Concen: 0.243 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

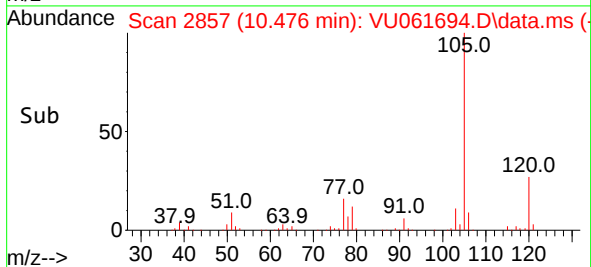
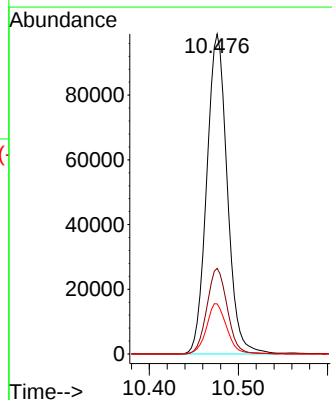
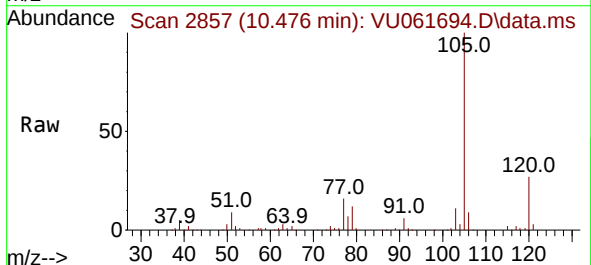
Instrument :
MSVOA_U
ClientSampleId :

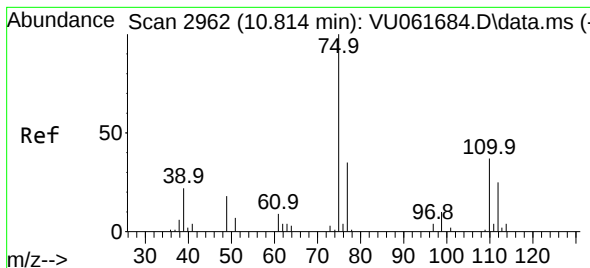
Tgt Ion:106 Resp: 4608
Ion Ratio Lower Upper
106 100
91 216.5 151.3 280.9



#60
Isopropylbenzene
Concen: 3.472 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061694.D
Acq: 15 Nov 2024 01:06

Tgt Ion:105 Resp: 158138
Ion Ratio Lower Upper
105 100
120 26.6 21.6 32.4
77 15.6 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 0.320 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.338 min

Lab File: VU061694.D

Acq: 15 Nov 2024 01:06

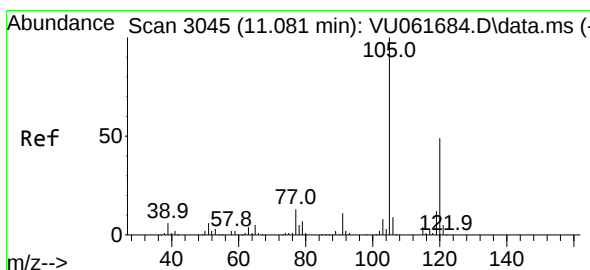
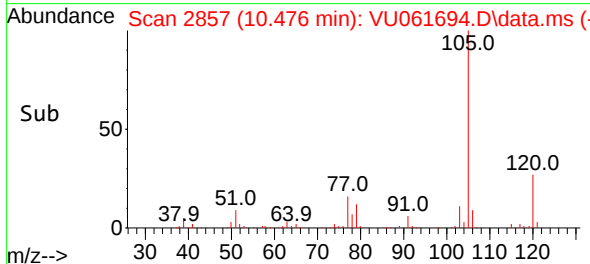
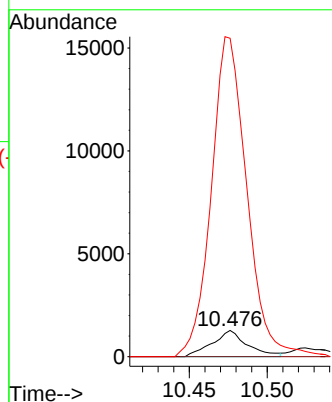
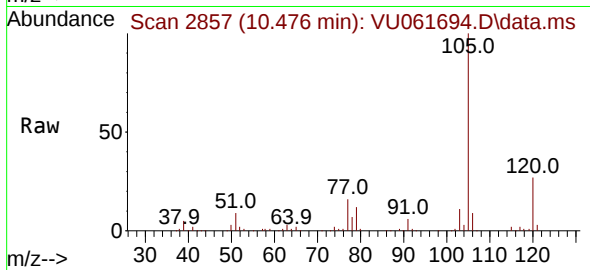
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 1980

Ion	Ratio	Lower	Upper
75	100		
110	0.0	31.3	46.9#
77	1244.8	26.0	39.0#



#62

1,3,5-Trimethylbenzene

Concen: 0.140 ug/L

RT: 11.891 min Scan# 3297

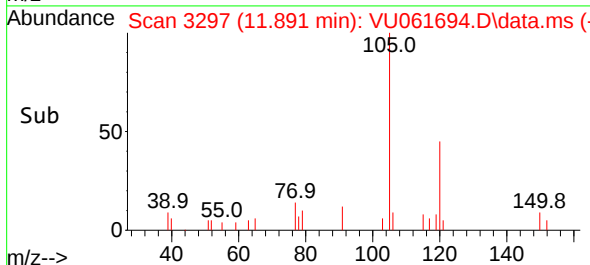
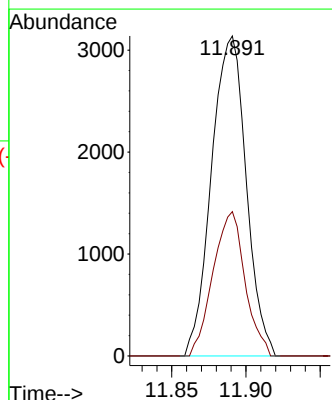
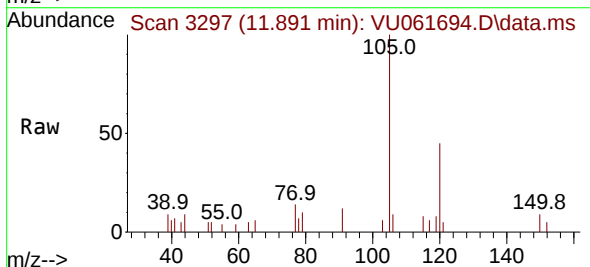
Delta R.T. 0.810 min

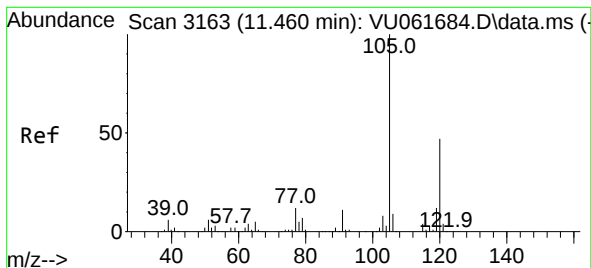
Lab File: VU061694.D

Acq: 15 Nov 2024 01:06

Tgt Ion: 105 Resp: 5099

Ion	Ratio	Lower	Upper
105	100		
120	41.7	38.5	57.7





#63

1,2,4-Trimethylbenzene

Concen: 0.144 ug/L

RT: 11.891 min Scan# 3163

Delta R.T. 0.431 min

Lab File: VU061694.D

Acq: 15 Nov 2024 01:06

Instrument :

MSVOA_U

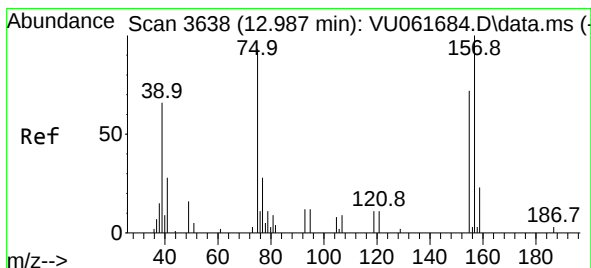
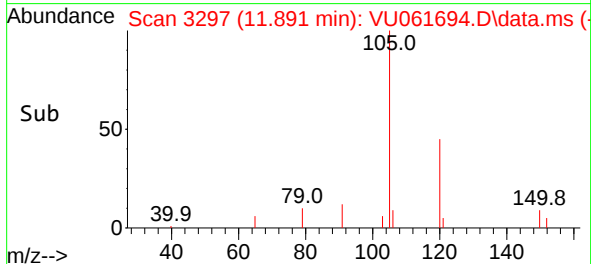
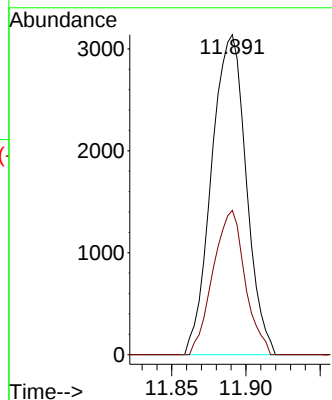
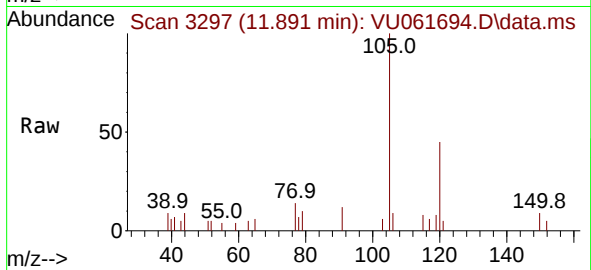
ClientSampleId :

Tgt Ion:105 Resp: 5099

Ion Ratio Lower Upper

105 100

120 41.7 36.3 54.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.139 ug/L

RT: 12.962 min Scan# 3630

Delta R.T. -0.026 min

Lab File: VU061694.D

Acq: 15 Nov 2024 01:06

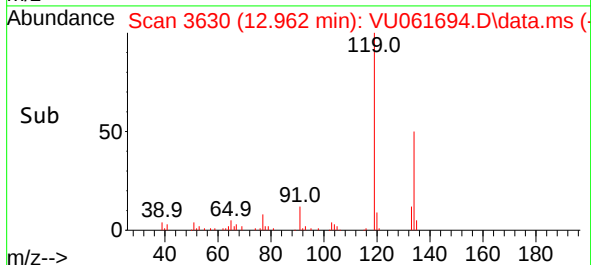
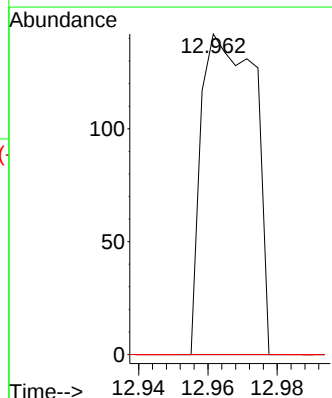
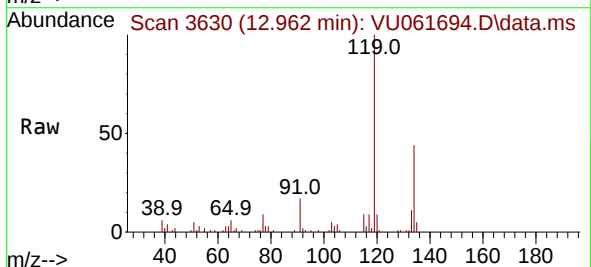
Tgt Ion: 75 Resp: 150

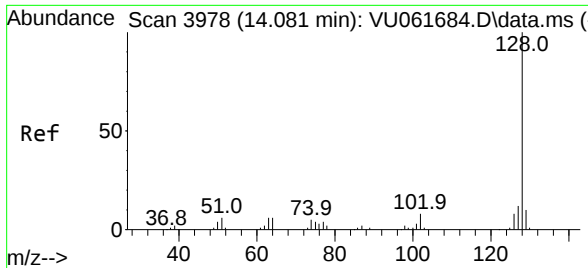
Ion Ratio Lower Upper

75 100

155 0.0 62.6 93.8#

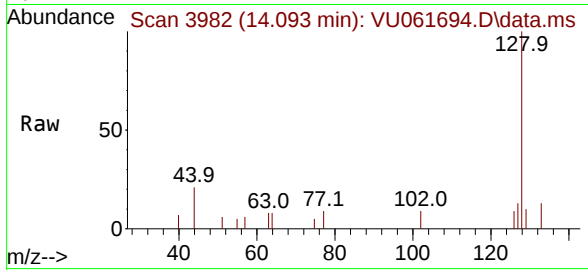
157 0.0 84.9 127.3#





#71
 Naphthalene
 Concen: 0.255 ug/L
 RT: 14.093 min Scan# 3978
 Delta R.T. 0.013 min
 Lab File: VU061694.D
 Acq: 15 Nov 2024 01:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	4144
Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.5	12.7
127	13.2	10.4	15.6

