

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061687.D
 Acq On : 14 Nov 2024 22:15
 Operator : MD/SY
 Sample : P4761-02DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

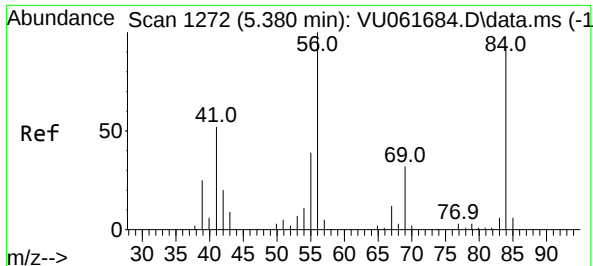
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:22:21 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	161261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45562	4.373	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.911	69	39986	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	21789	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.650	46	84273	38.107	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.220%
24) Chloroform-d	5.052	84	98218	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	50768	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.717	84	205149	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	62381	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	177363	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	20000	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	91428	51.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47335	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	59806	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
30) Cyclohexane	5.380	56	1724	0.101	ug/L	96
33) Benzene	5.769	78	6521	0.144	ug/L	100
35) Methylcyclohexane	6.756	83	3320	0.180	ug/L	90
37) 1,2-Dichloropropane	6.682	63	6844	0.594	ug/L #	92
42) Toluene	7.968	91	7811	0.160	ug/L	99
45) 1,1,2-Trichloroethane	8.360	97	1151	0.137	ug/L #	20
51) Chlorobenzene	9.441	112	98196	3.122	ug/L	99
53) m,p-Xylene	9.692	106	4018	0.202	ug/L	100
60) Isopropylbenzene	10.479	105	4053	0.088	ug/L #	86
63) 1,2,4-Trimethylbenzene	11.463	105	3168	0.089	ug/L	94
71) Naphthalene	14.103	128	2372	0.145	ug/L #	93

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



#30

Cyclohexane

Concen: 0.101 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

Instrument :

MSVOA_U

ClientSampleId :

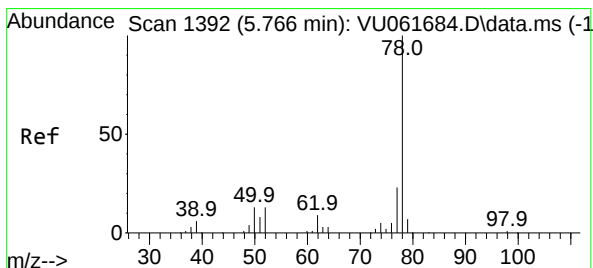
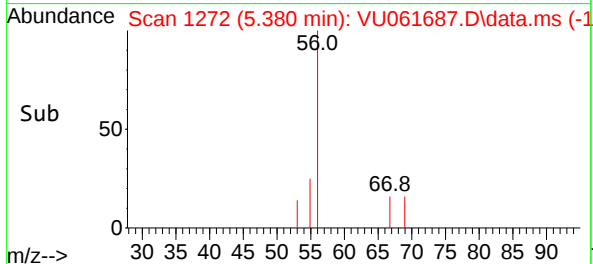
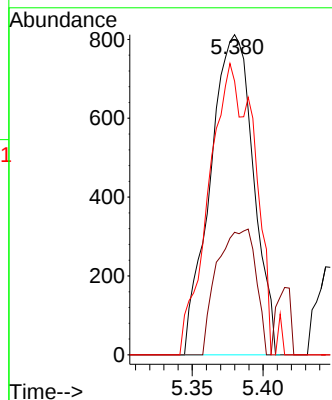
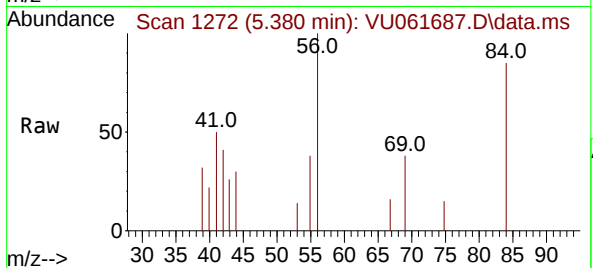
Tgt Ion: 56 Resp: 1724

Ion Ratio Lower Upper

56 100

69 35.0 25.6 38.4

84 95.8 74.3 111.5



#33

Benzene

Concen: 0.144 ug/L

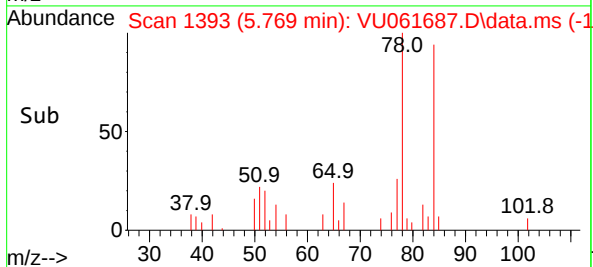
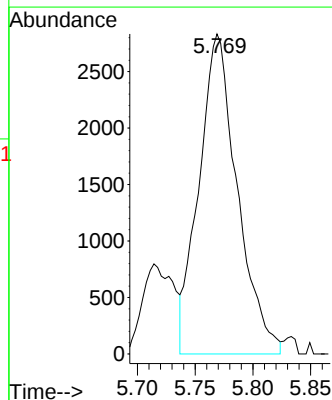
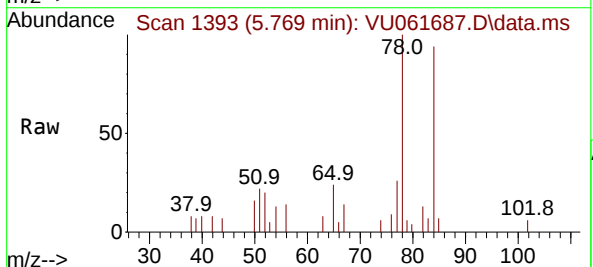
RT: 5.769 min Scan# 1393

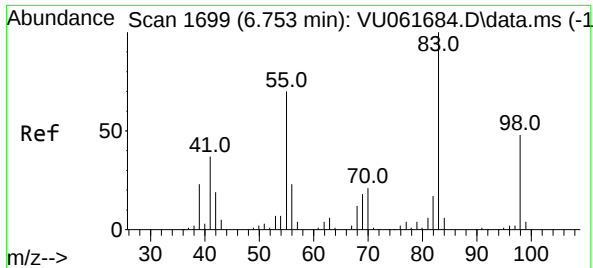
Delta R.T. 0.003 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

Tgt Ion: 78 Resp: 6521





#35

Methylcyclohexane

Concen: 0.180 ug/L

RT: 6.756 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

Instrument :

MSVOA_U

ClientSampleId :

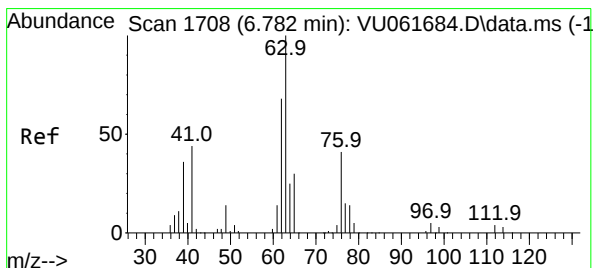
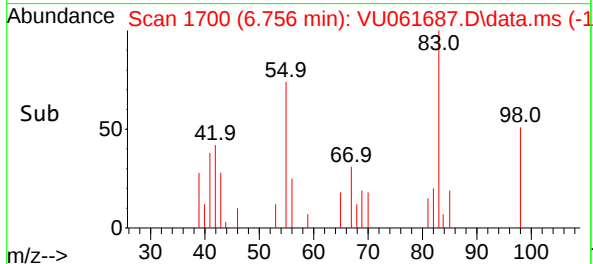
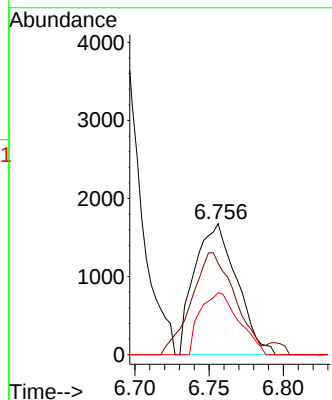
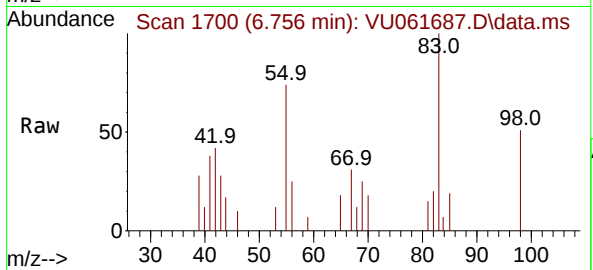
Tgt Ion: 83 Resp: 3320

Ion Ratio Lower Upper

83 100

55 80.7 56.4 84.6

98 43.4 37.7 56.5



#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061687.D

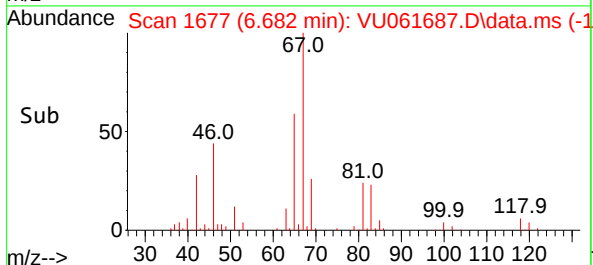
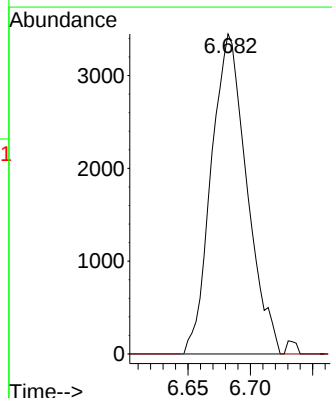
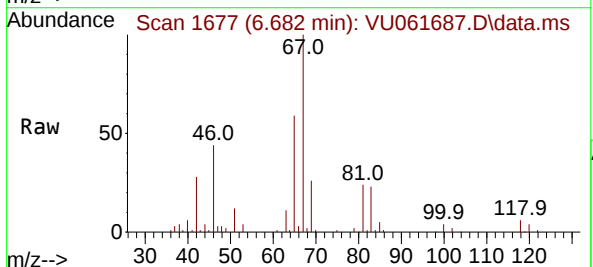
Acq: 14 Nov 2024 22:15

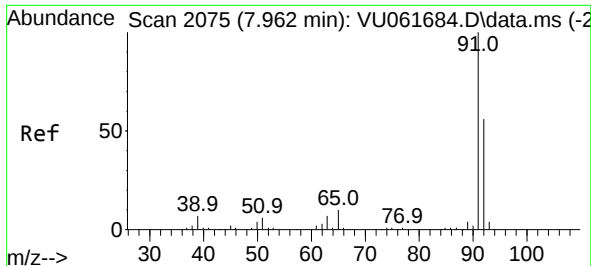
Tgt Ion: 63 Resp: 6844

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.4#





#42

Toluene

Concen: 0.160 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

Instrument :

MSVOA_U

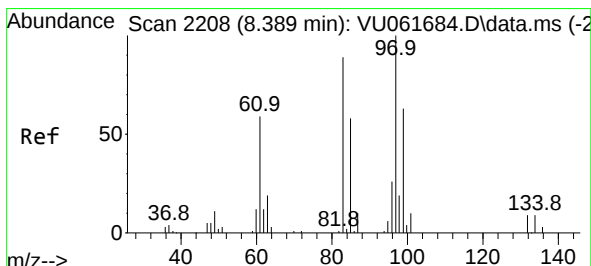
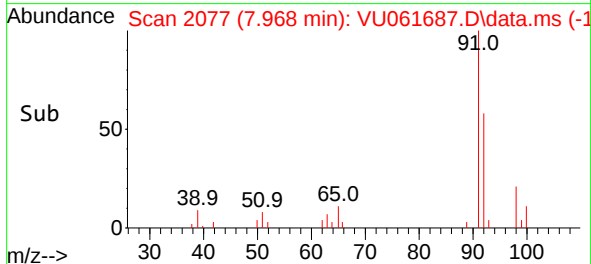
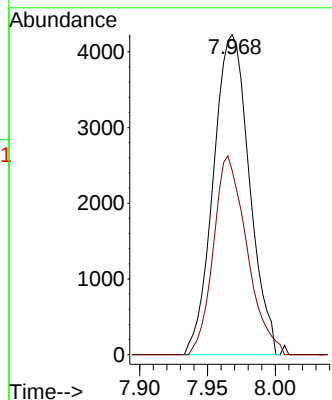
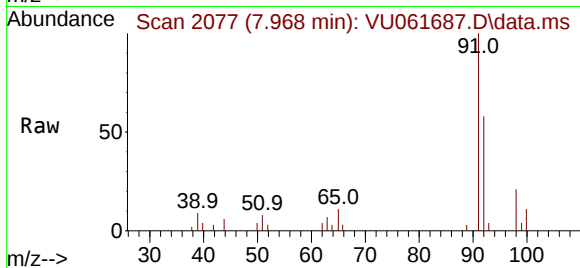
ClientSampleId :

Tgt Ion: 91 Resp: 7811

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#45

1,1,2-Trichloroethane

Concen: 0.137 ug/L

RT: 8.360 min Scan# 2199

Delta R.T. -0.029 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

Tgt Ion: 97 Resp: 1151

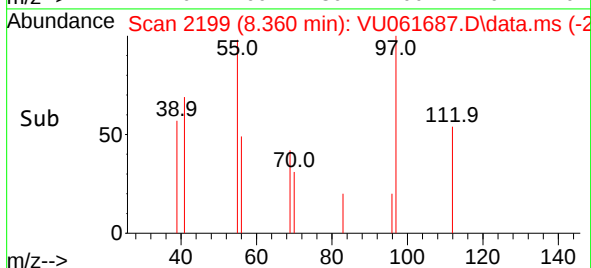
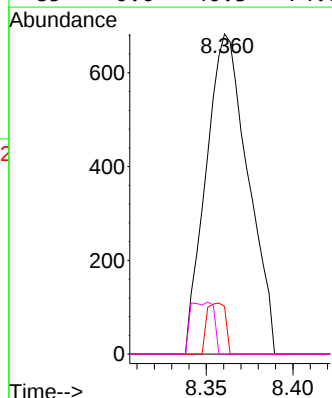
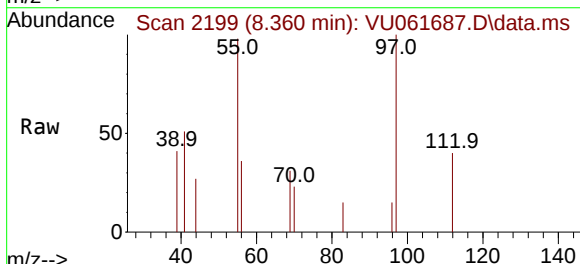
Ion Ratio Lower Upper

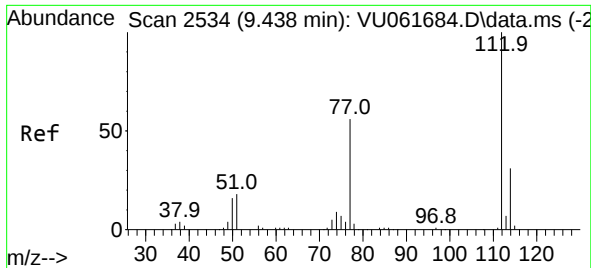
97 100

99 0.0 43.8 81.3#

83 14.9 63.2 117.4#

85 0.0 40.3 74.8#

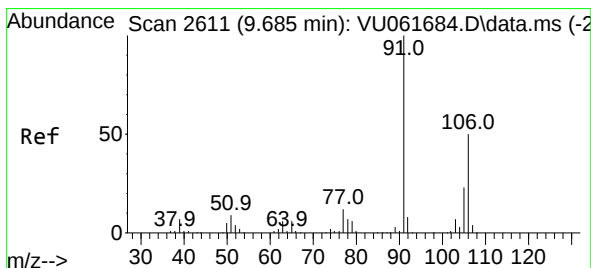
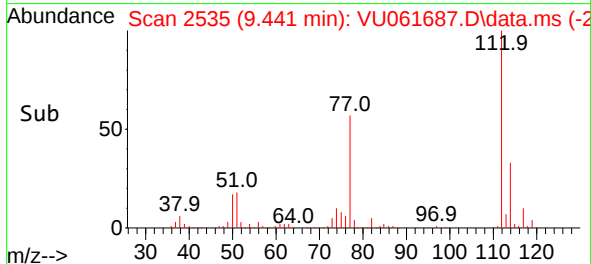
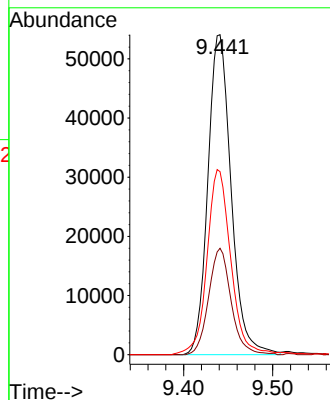
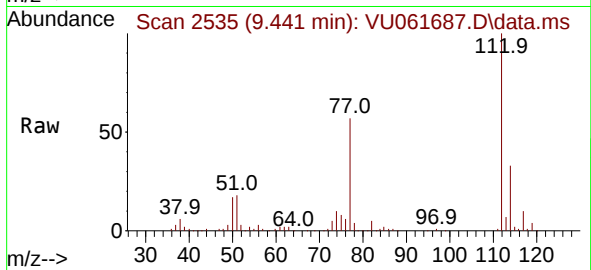




#51
Chlorobenzene
Concen: 3.122 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061687.D
Acq: 14 Nov 2024 22:15

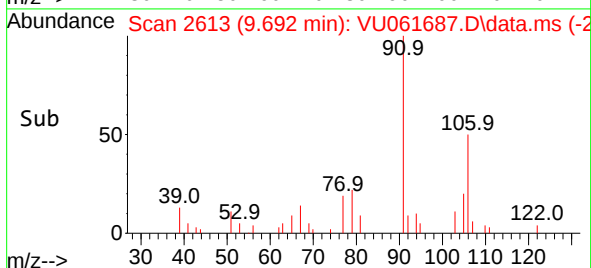
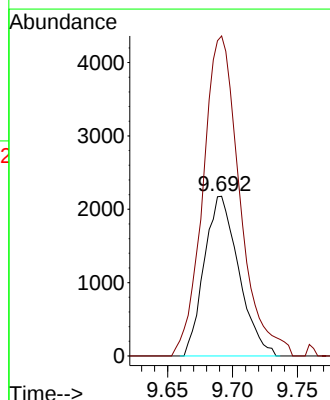
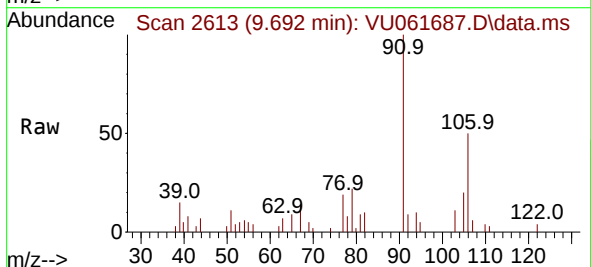
Instrument :
MSVOA_U
ClientSampleId :

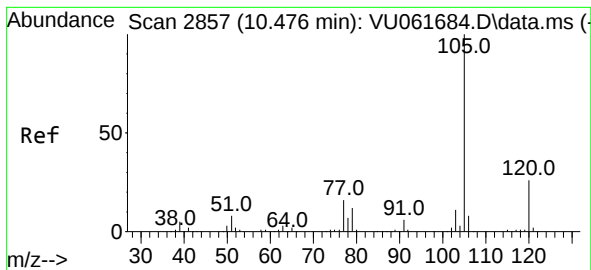
Tgt Ion:112 Resp: 98196
Ion Ratio Lower Upper
112 100
114 33.2 22.5 41.9
77 57.2 45.3 67.9



#53
m,p-Xylene
Concen: 0.202 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061687.D
Acq: 14 Nov 2024 22:15

Tgt Ion:106 Resp: 4018
Ion Ratio Lower Upper
106 100
91 200.4 140.4 260.8





#60

Isopropylbenzene

Concen: 0.088 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061687.D

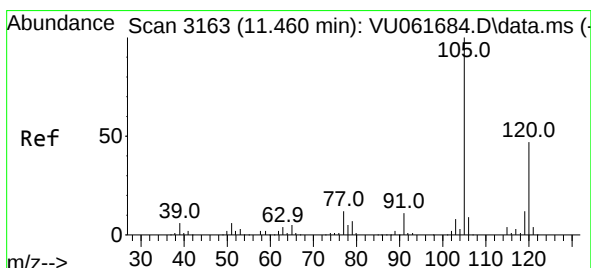
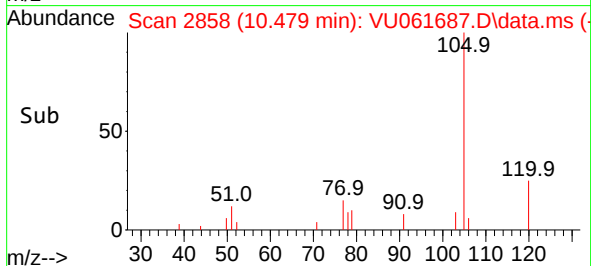
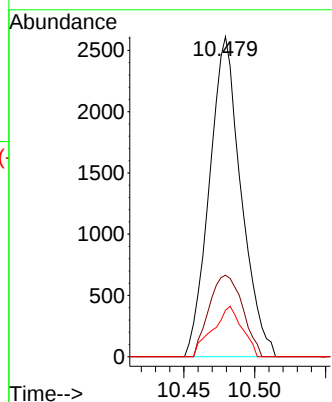
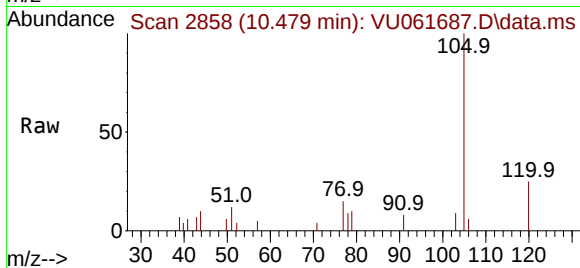
Acq: 14 Nov 2024 22:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	4053
Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.6	32.4
77	0.0	12.8	19.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.089 ug/L

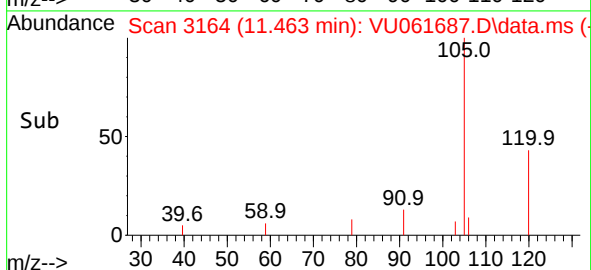
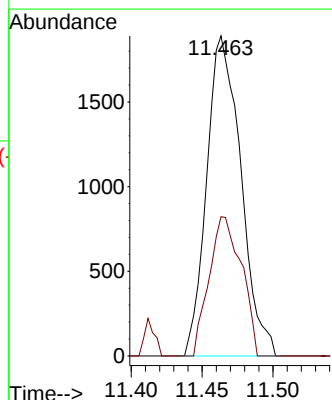
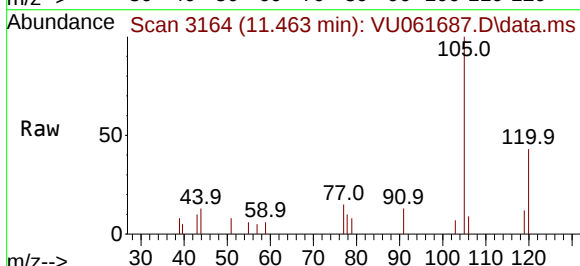
RT: 11.463 min Scan# 3164

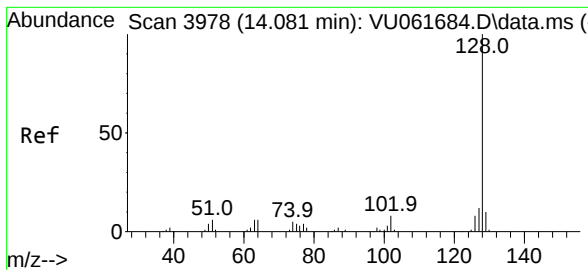
Delta R.T. 0.003 min

Lab File: VU061687.D

Acq: 14 Nov 2024 22:15

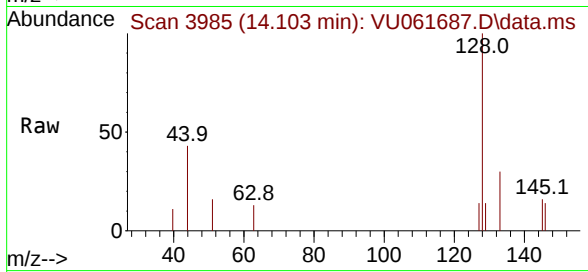
Tgt Ion:	105	Resp:	3168
Ion	Ratio	Lower	Upper
105	100		
120	41.2	36.3	54.5





#71
Naphthalene
Concen: 0.145 ug/L
RT: 14.103 min Scan# 3978
Delta R.T. 0.022 min
Lab File: VU061687.D
Acq: 14 Nov 2024 22:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	2372
Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.5	12.7#
127	10.2	10.4	15.6#

