

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061547.D
 Acq On : 08 Nov 2024 14:26
 Operator : MD/SY
 Sample : P4743-09DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:20:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

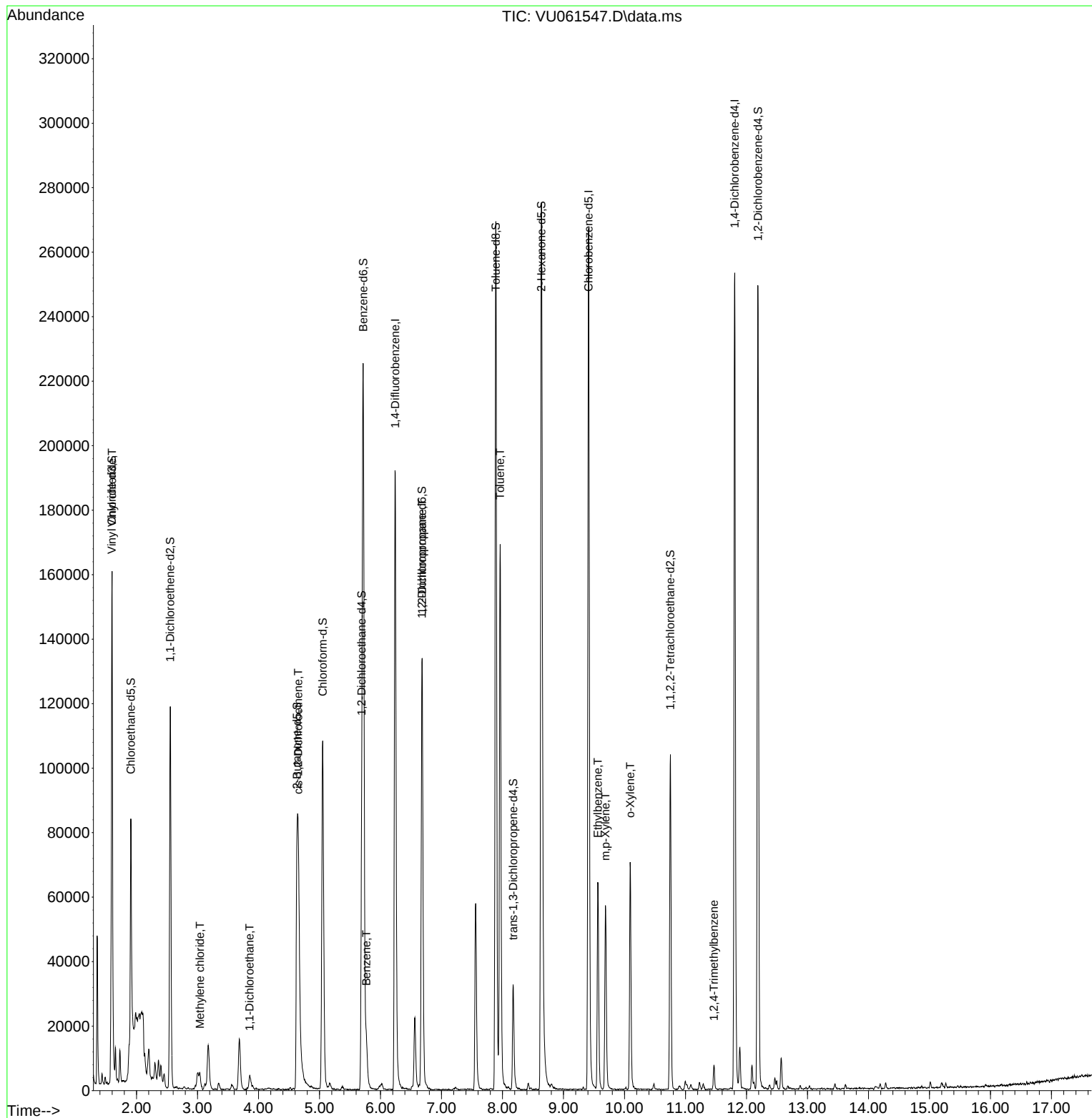
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166987	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154905	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45819	4.039	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.800%		
7) Chloroethane-d5	1.907	69	58975	5.671	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	113.400%		
11) 1,1-Dichloroethene-d2	2.554	65	22192	4.573	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.400%		
20) 2-Butanone-d5	4.631	46	121126	52.594	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	105.180%		
24) Chloroform-d	5.052	84	102922	4.780	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.600%		
26) 1,2-Dichloroethane-d4	5.692	65	53547	4.989	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.800%		
32) Benzene-d6	5.717	84	217430	4.982	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.600%		
36) 1,2-Dichloropropane-d6	6.679	67	66855	5.095	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.800%		
41) Toluene-d8	7.891	98	189761	4.650	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.000%		
43) trans-1,3-Dichloroprop...	8.174	79	19535	3.647	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	73.000%		
46) 2-Hexanone-d5	8.637	63	116210	52.969	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery =	105.940%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51978	5.238	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	65592	5.397	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	108.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	69501	5.385	ug/L	99
16) Methylene chloride	3.039	84	2377	0.204	ug/L	92
19) 1,1-Dichloroethane	3.856	63	5663	0.275	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	20485	1.643	ug/L	96
33) Benzene	5.766	78	13309	0.278	ug/L	100
37) 1,2-Dichloropropane	6.682	63	7442	0.613	ug/L #	89
42) Toluene	7.962	91	130246	2.504	ug/L	98
52) Ethylbenzene	9.563	91	48353	0.845	ug/L	96
53) m,p-Xylene	9.688	106	17761	0.815	ug/L	89
54) o-Xylene	10.093	106	19598	0.911	ug/L	91
63) 1,2,4-Trimethylbenzene	11.466	105	5024	0.119	ug/L	98

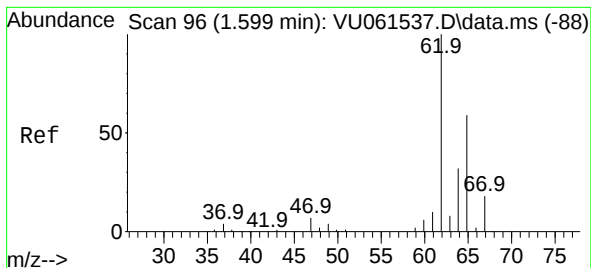
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 09 00:17:10 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.385 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU061547.D

Acq: 08 Nov 2024 14:26

Instrument :

MSVOA_U

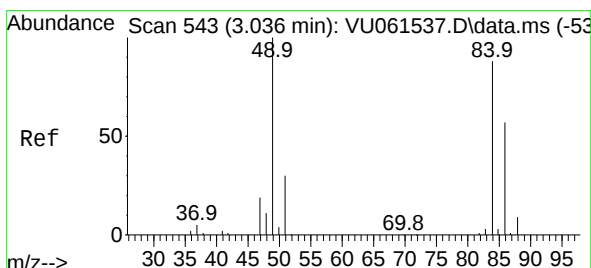
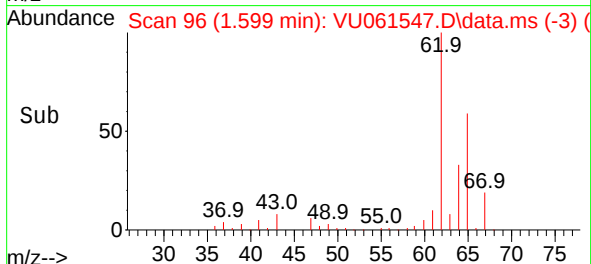
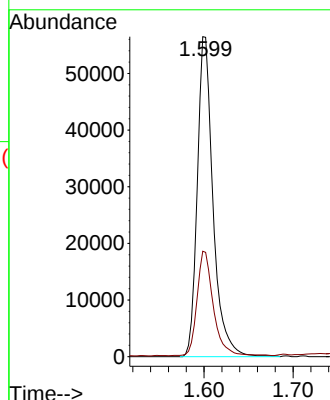
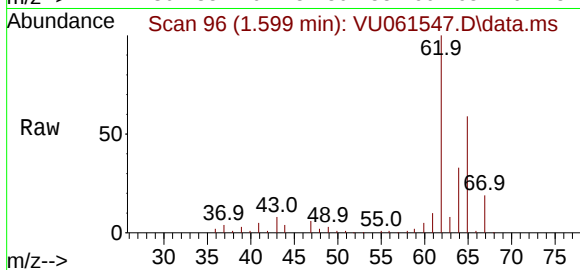
ClientSampleId :

Tgt Ion: 62 Resp: 69501

Ion Ratio Lower Upper

62 100

64 32.9 22.6 42.0



#16

Methylene chloride

Concen: 0.204 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU061547.D

Acq: 08 Nov 2024 14:26

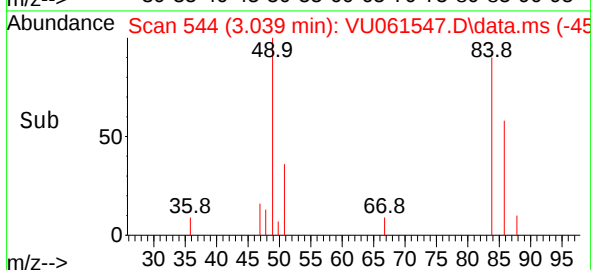
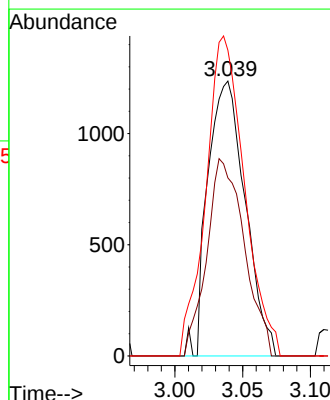
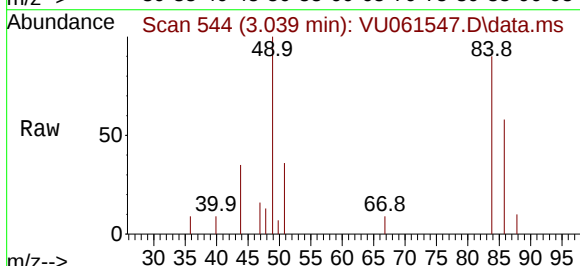
Tgt Ion: 84 Resp: 2377

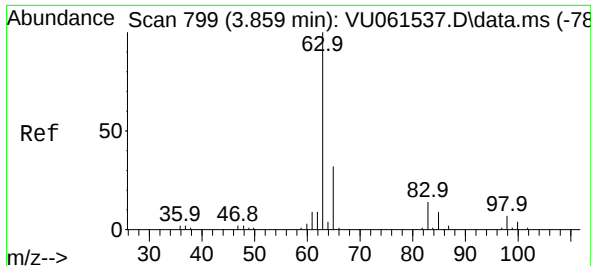
Ion Ratio Lower Upper

84 100

86 64.8 43.5 80.7

49 119.6 75.7 140.7

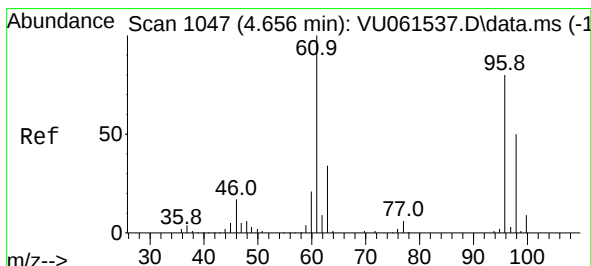
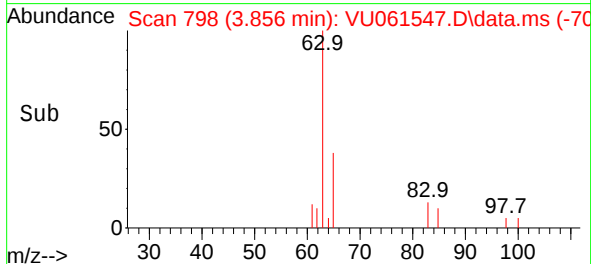
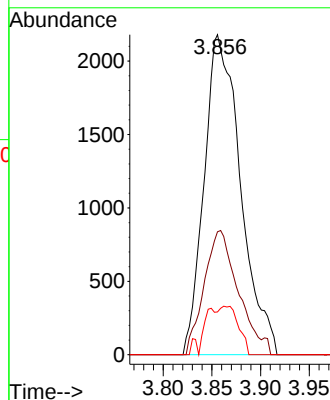
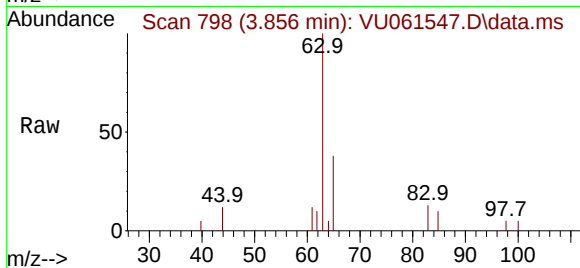




#19
1,1-Dichloroethane
Concen: 0.275 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

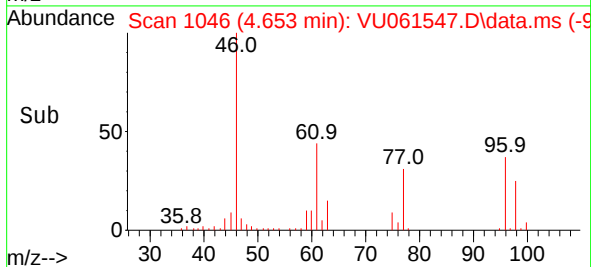
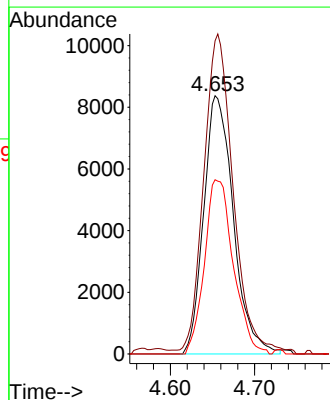
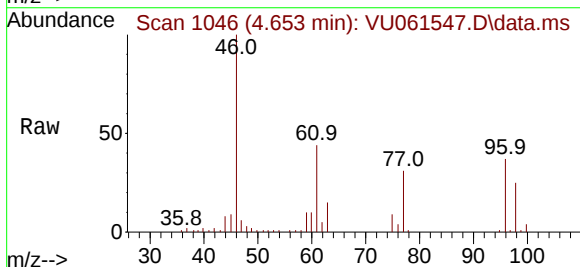
Instrument :
MSVOA_U
ClientSampleId :

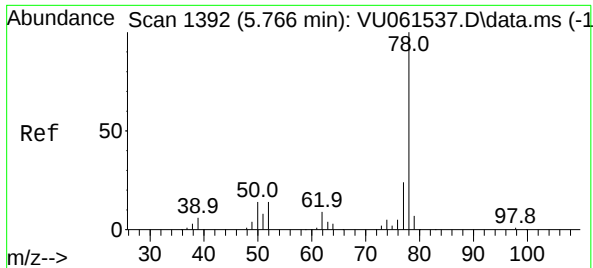
Tgt Ion: 63 Resp: 5663
Ion Ratio Lower Upper
63 100
65 38.4 23.0 42.6
83 13.3 9.7 17.9



#22
cis-1,2-Dichloroethene
Concen: 1.643 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

Tgt Ion: 96 Resp: 20485
Ion Ratio Lower Upper
96 100
61 121.2 88.1 163.5
98 67.4 45.0 83.6

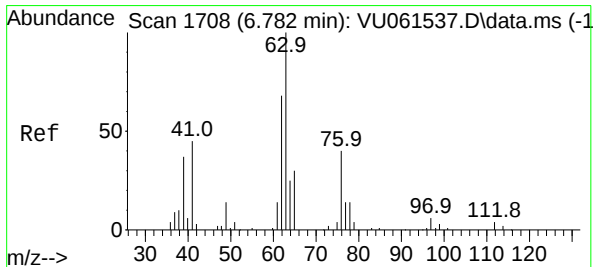
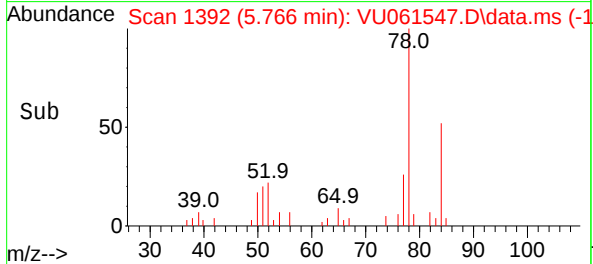
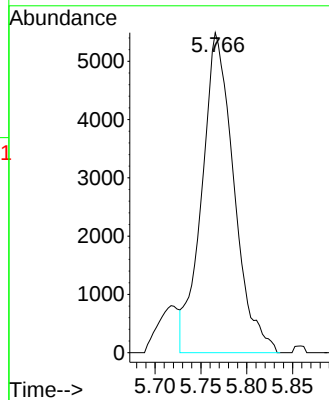
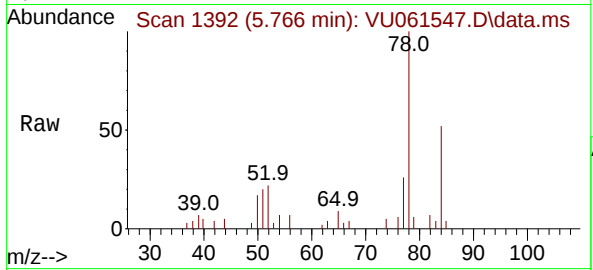




#33
Benzene
Concen: 0.278 ug/L
RT: 5.766 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

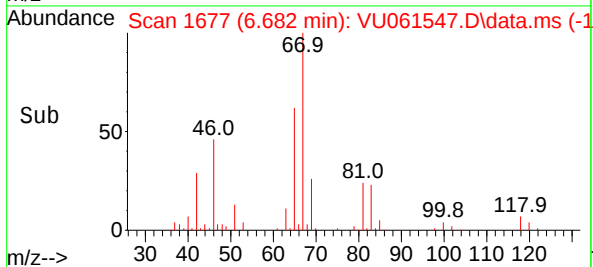
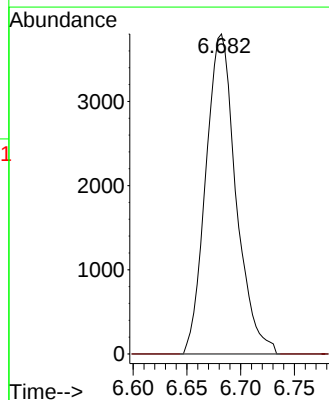
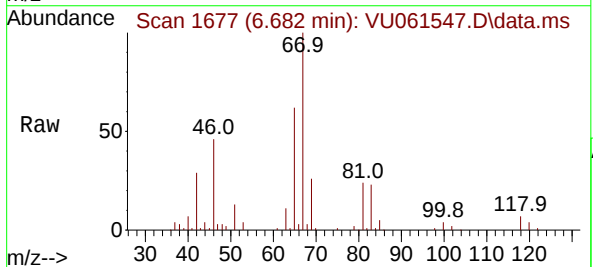
Instrument :
MSVOA_U
ClientSampleId :

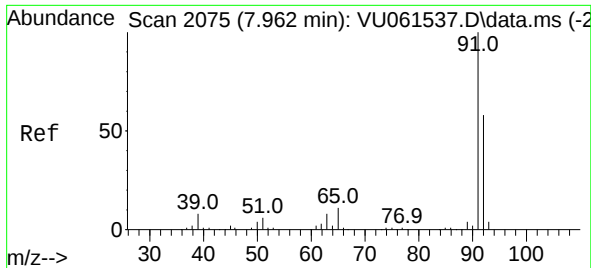
Tgt Ion: 78 Resp: 13309



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

Tgt Ion: 63 Resp: 7442
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#42

Toluene

Concen: 2.504 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061547.D

Acq: 08 Nov 2024 14:26

Instrument :

MSVOA_U

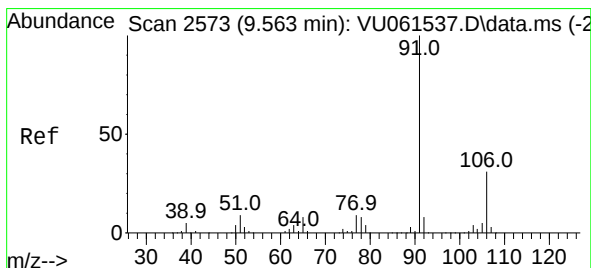
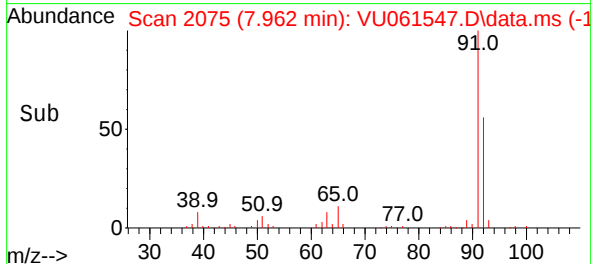
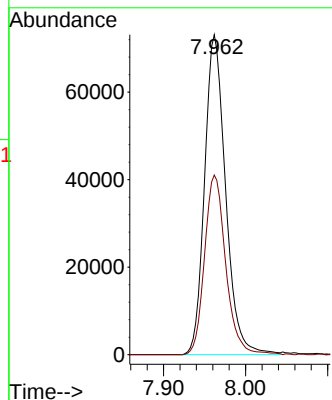
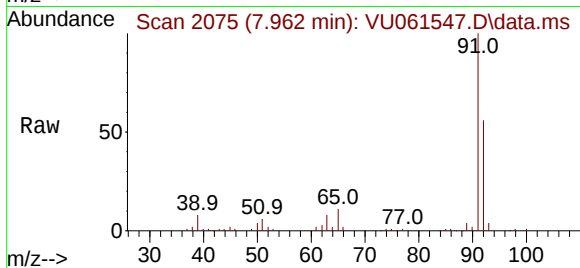
ClientSampleId :

Tgt Ion: 91 Resp: 130246

Ion Ratio Lower Upper

91 100

92 56.1 40.3 74.8



#52

Ethylbenzene

Concen: 0.845 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061547.D

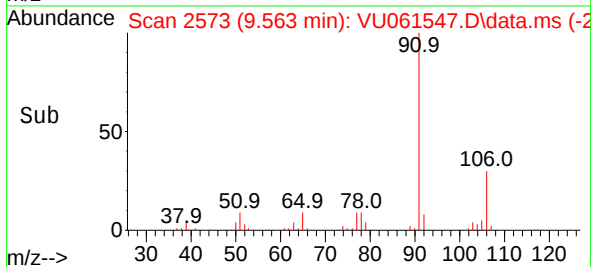
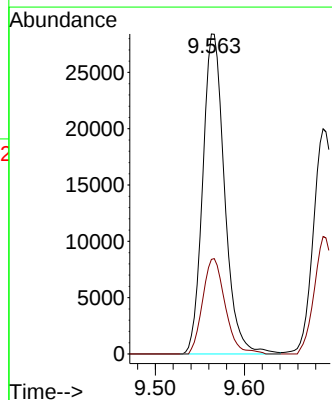
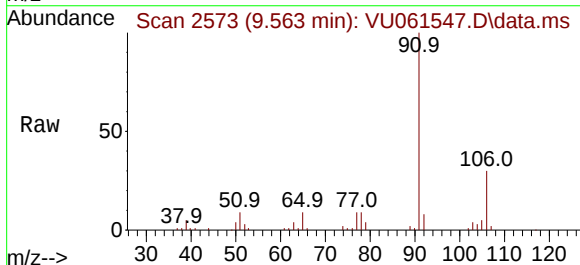
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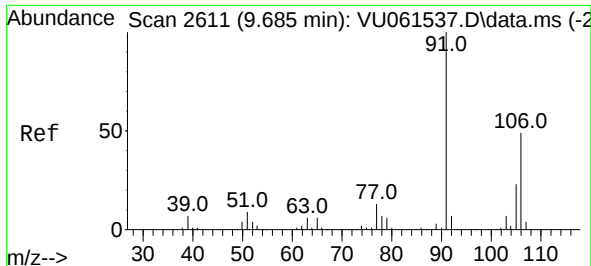
Tgt Ion: 91 Resp: 48353

Ion Ratio Lower Upper

91 100

106 29.5 22.0 41.0

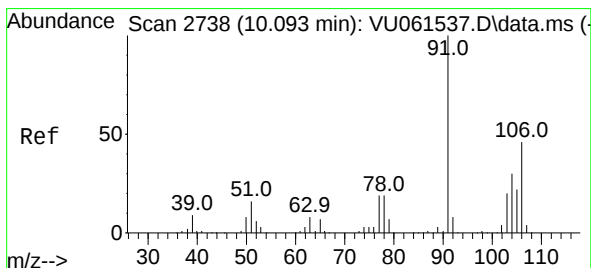
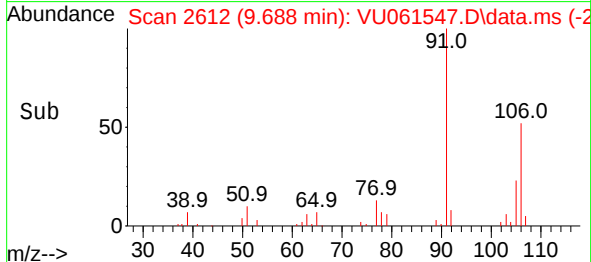
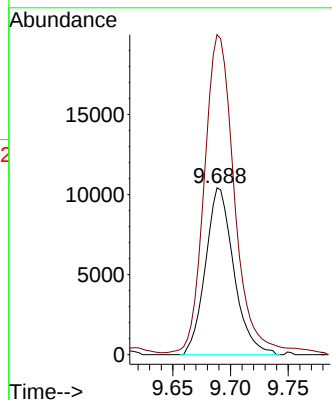
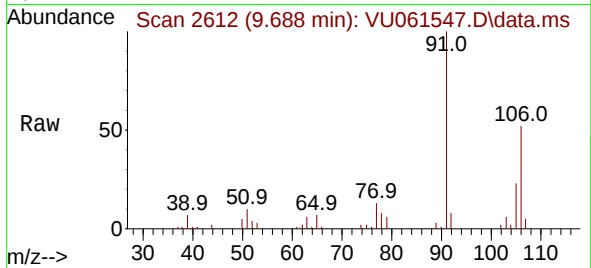




#53
m,p-Xylene
Concen: 0.815 ug/L
RT: 9.688 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

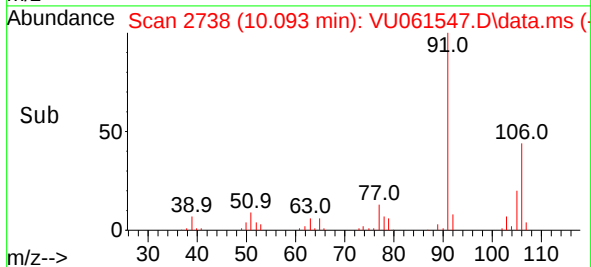
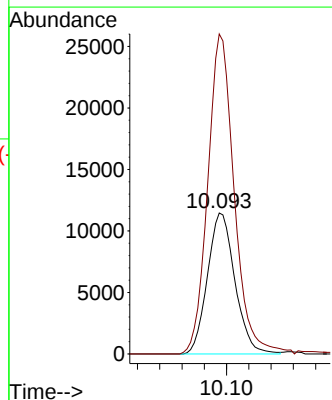
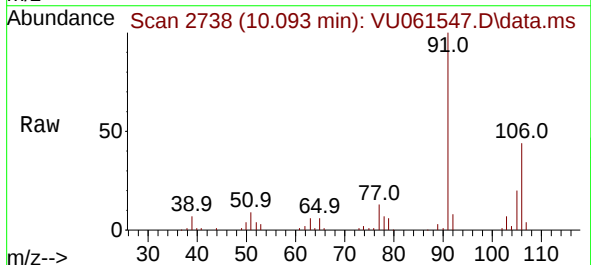
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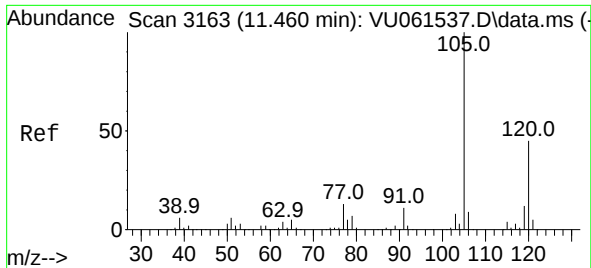
Tgt Ion:106 Resp: 17761
Ion Ratio Lower Upper
106 100
91 191.8 145.7 270.7



#54
o-Xylene
Concen: 0.911 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

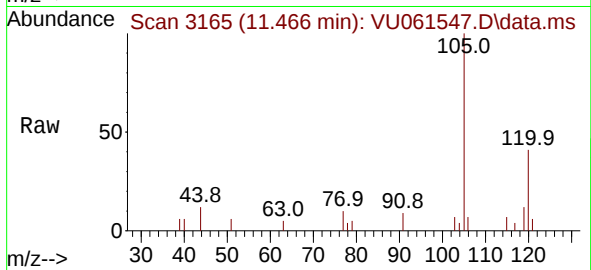
Tgt Ion:106 Resp: 19598
Ion Ratio Lower Upper
106 100
91 227.1 148.8 276.4





#63
1,2,4-Trimethylbenzene
Concen: 0.119 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU061547.D
Acq: 08 Nov 2024 14:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:105 Resp: 5024
Ion Ratio Lower Upper
105 100
120 45.2 35.4 53.0

