

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050938.D
 Acq On : 26 Sep 2022 11:42
 Operator : JC/MD
 Sample : N4747-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A3DL

Quant Time: Sep 26 20:53:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

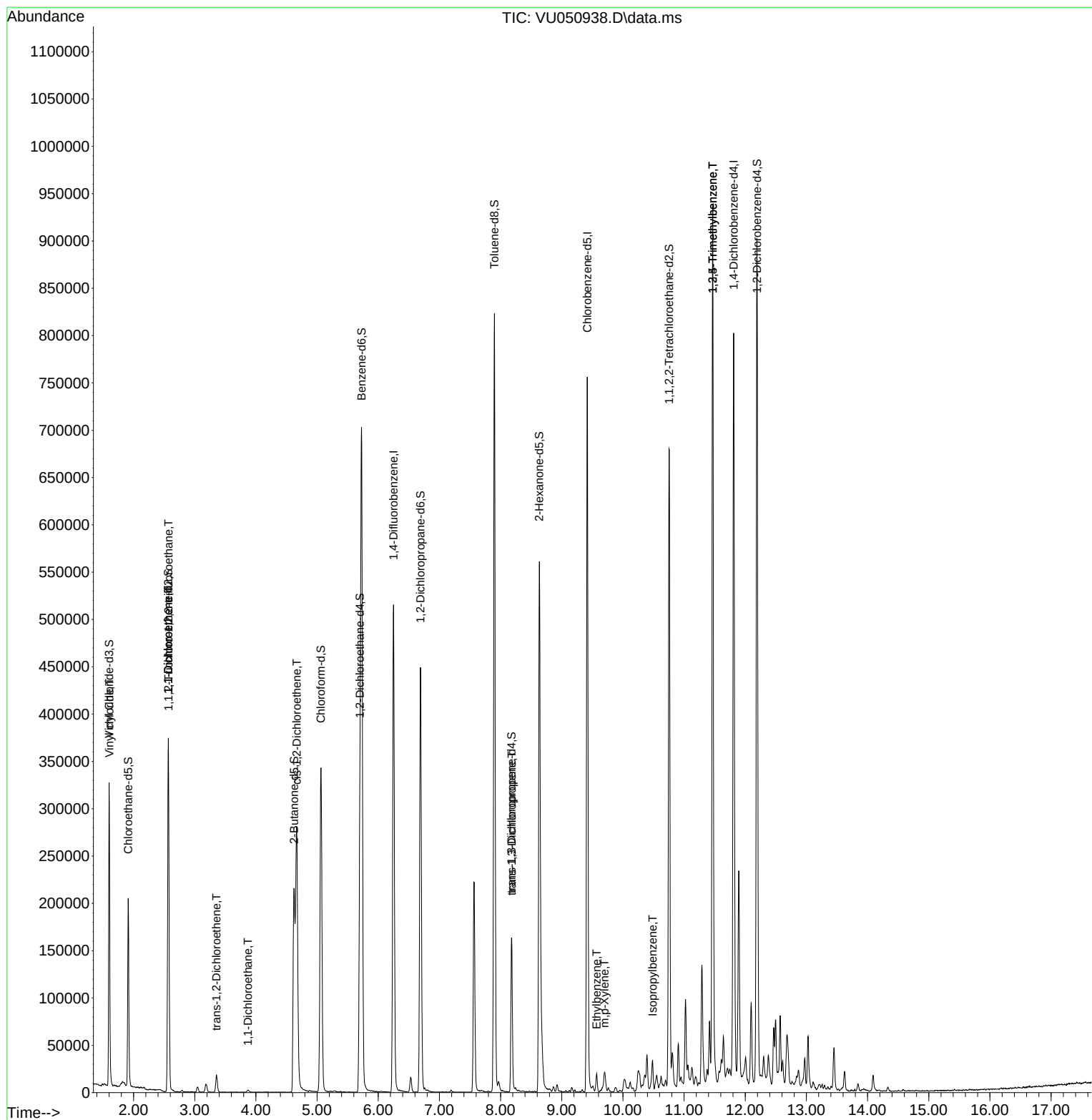
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	413222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165125	38.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.140%
7) Chloroethane-d5	1.912	69	142366	46.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.380%
11) 1,1-Dichloroethene-d2	2.568	63	216050	32.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.860%
21) 2-Butanone-d5	4.623	46	309254	111.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.890%
24) Chloroform-d	5.063	84	324435	48.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.700	65	213750	51.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.400%
32) Benzene-d6	5.729	84	644517	46.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
36) 1,2-Dichloropropane-d6	6.690	67	219068	47.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.260%
41) Toluene-d8	7.899	98	533008	44.283	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	8.179	79	94794	46.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.760%
47) 2-Hexanone-d5	8.632	63	170353	88.939	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	342630	48.352	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	219953	51.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	76497	15.708	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	2105	0.623	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	2083	0.656	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	7446	2.287	ug/L	86
19) 1,1-Dichloroethane	3.870	63	3192	0.485	ug/L #	85
20) cis-1,2-Dichloroethene	4.668	96	138773	38.439	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	3849	0.718	ug/L #	73
52) Ethylbenzene	9.571	91	10181	0.668	ug/L	86
53) m,p-Xylene	9.700	106	4087	0.721	ug/L	90
61) Isopropylbenzene	10.484	105	16720	1.138	ug/L	98
62) 1,3,5-Trimethylbenzene	11.468	105	483289	40.002	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	483289	40.393	ug/L	100

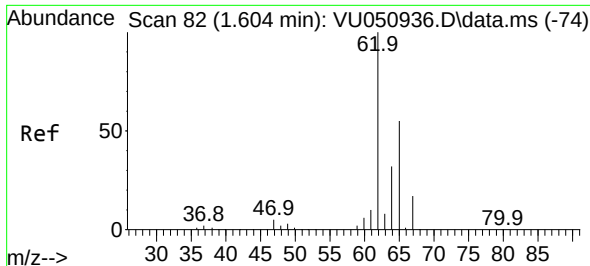
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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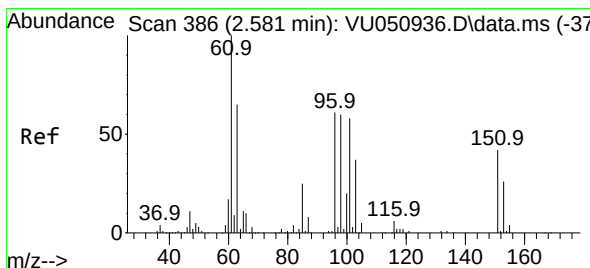
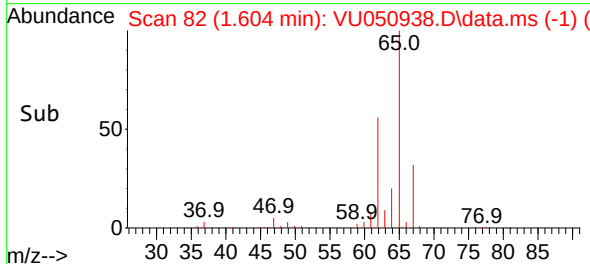
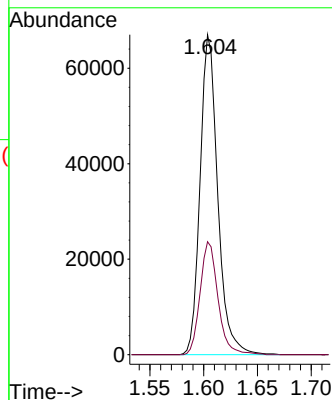
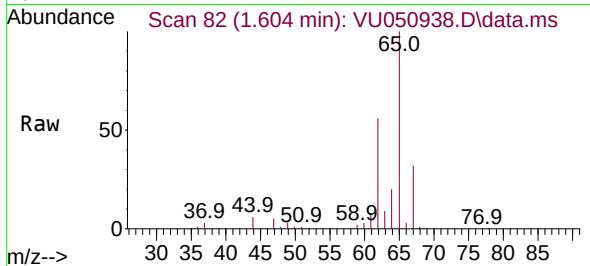




#5
 Vinyl chloride
 Concen: 15.708 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050938.D
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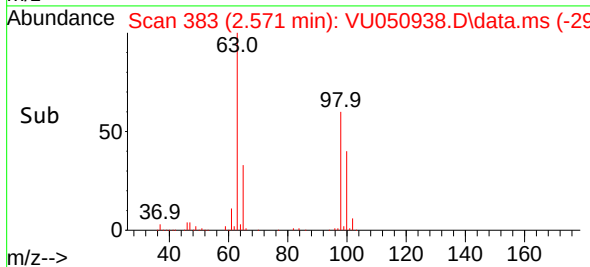
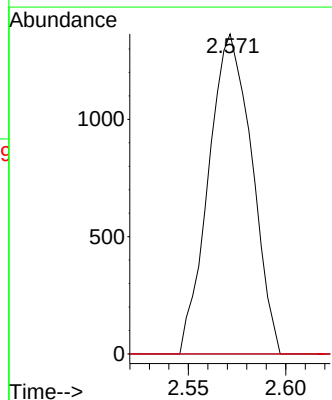
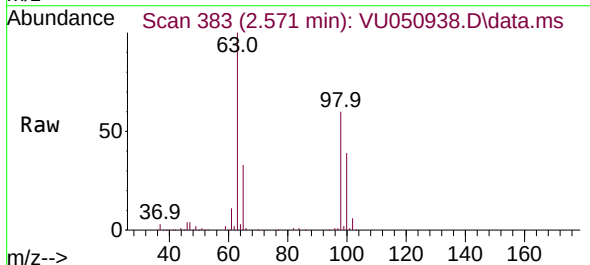
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A3DL

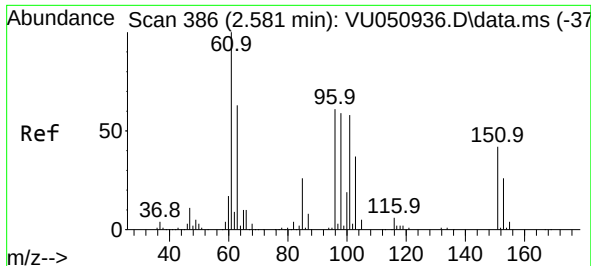
Tgt Ion: 62 Resp: 76497
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.2 41.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.623 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU050938.D
 Acq: 26 Sep 2022 11:42

Tgt Ion: 101 Resp: 2105
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#





#12

1,1-Dichloroethene

Concen: 0.656 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU050938.D

Acq: 26 Sep 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

E45A3DL

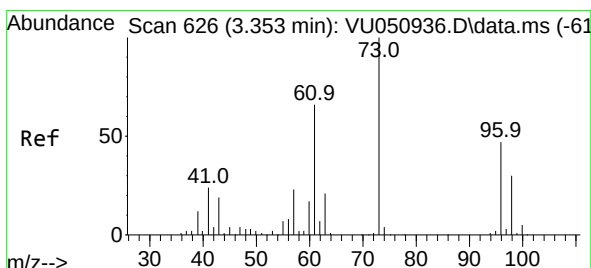
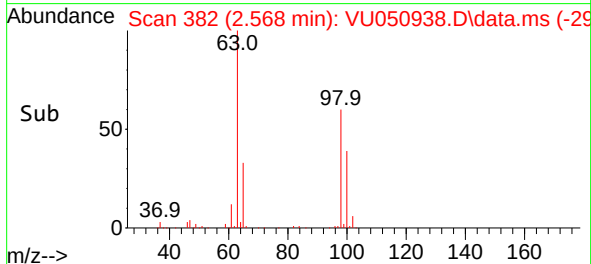
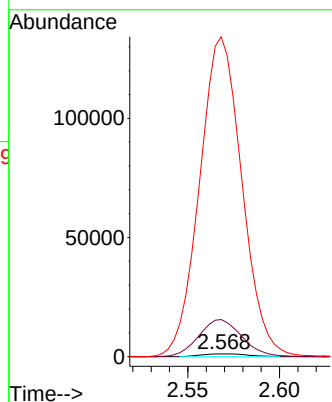
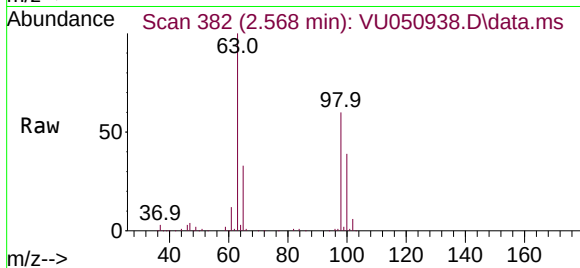
Tgt Ion: 96 Resp: 2083

Ion Ratio Lower Upper

96 100

61 1349.0 118.6 220.2#

63 11625.3 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 2.287 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU050938.D

Acq: 26 Sep 2022 11:42

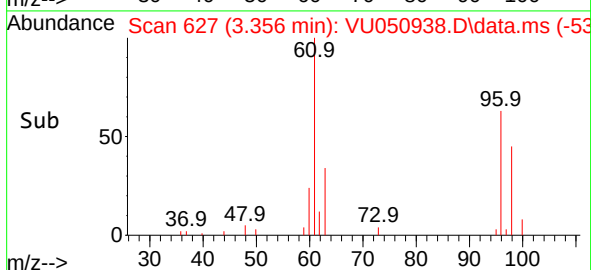
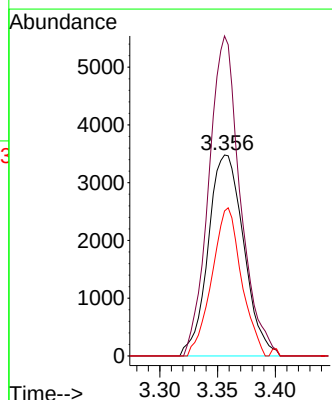
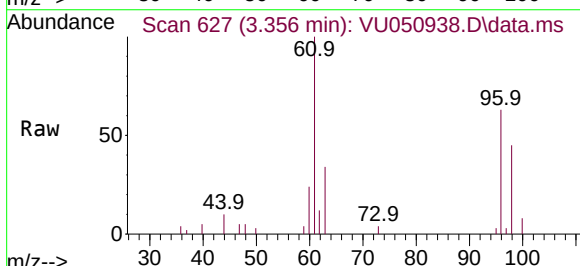
Tgt Ion: 96 Resp: 7446

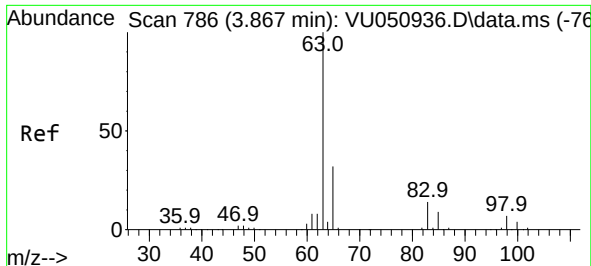
Ion Ratio Lower Upper

96 100

61 159.2 98.0 182.0

98 72.2 44.3 82.3

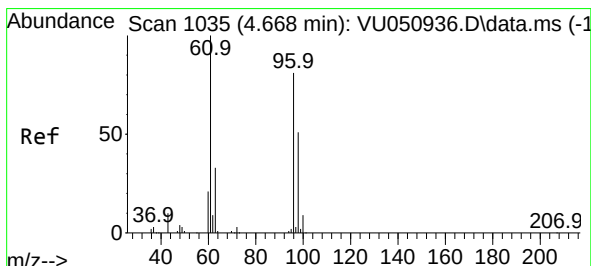
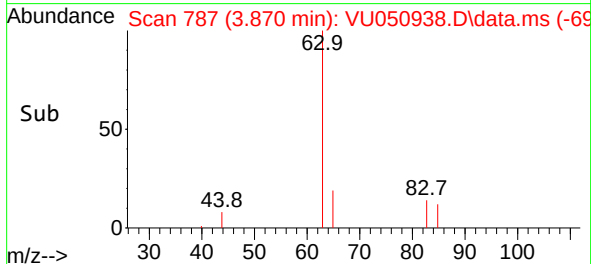
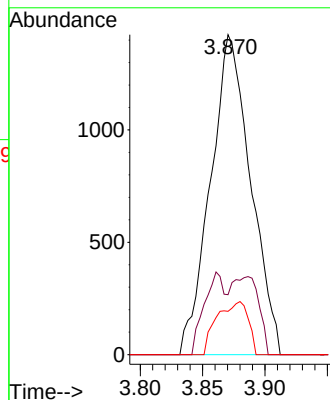
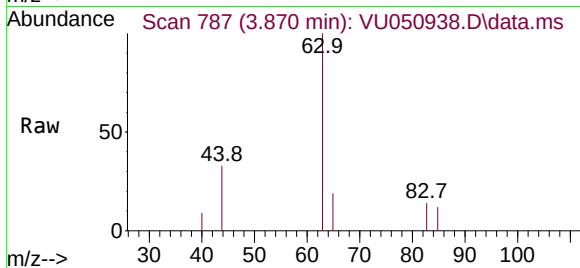




#19
1,1-Dichloroethane
Concen: 0.485 ug/L
RT: 3.870 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

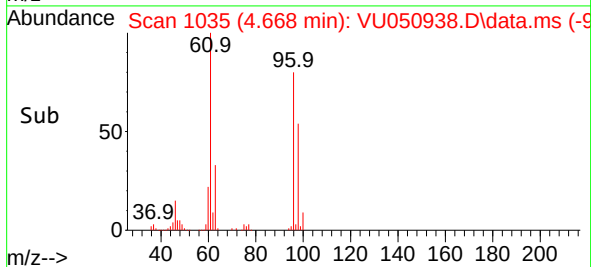
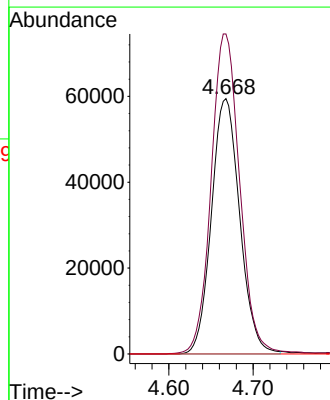
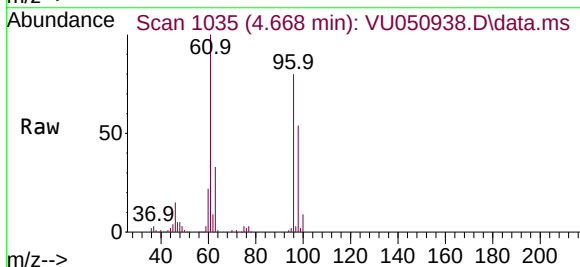
Instrument :
MSVOA_U
ClientSampleId :
E45A3DL

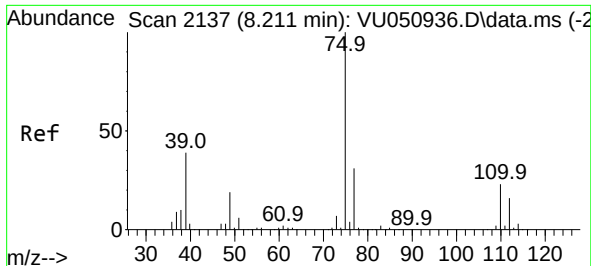
Tgt Ion: 63 Resp: 3192
Ion Ratio Lower Upper
63 100
65 18.8 21.5 39.9#
83 13.6 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 38.439 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

Tgt Ion: 96 Resp: 138773
Ion Ratio Lower Upper
96 100
61 125.3 90.1 167.3
68 0.0 0.0 0.0

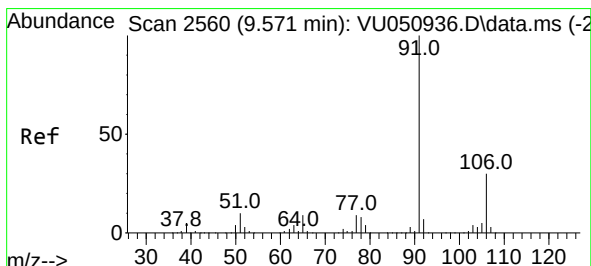
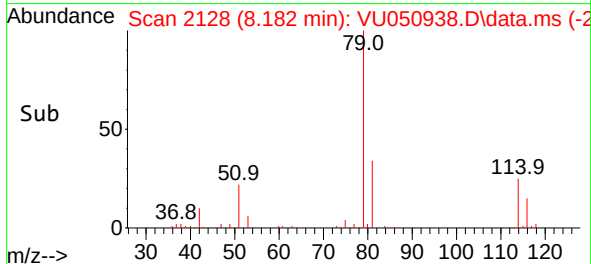
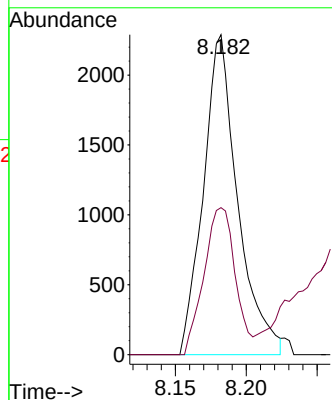
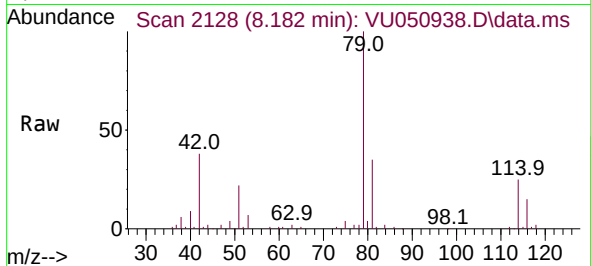




#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

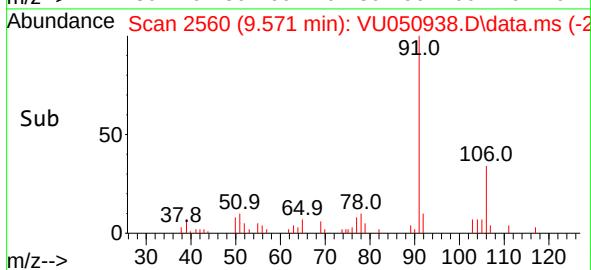
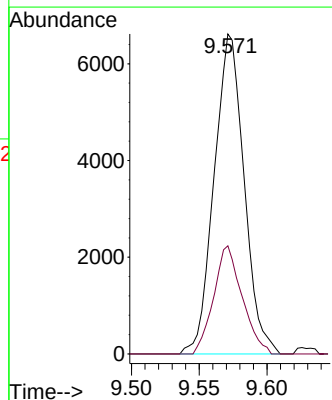
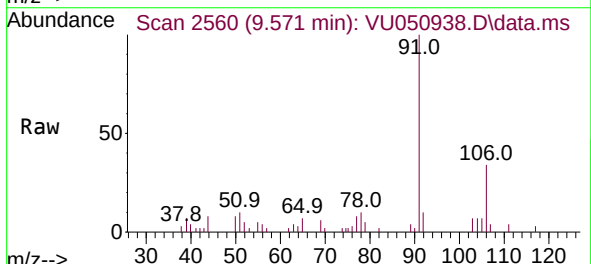
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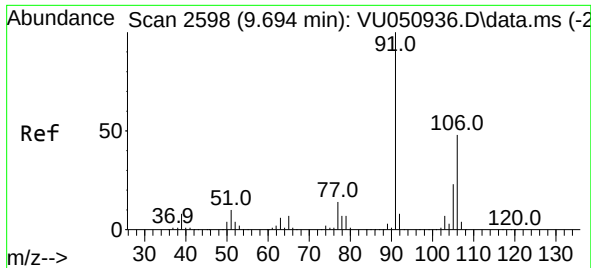
Tgt Ion: 75 Resp: 3849
Ion Ratio Lower Upper
75 100
77 46.0 21.9 40.7#



#52
Ethylbenzene
Concen: 0.668 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

Tgt Ion: 91 Resp: 10181
Ion Ratio Lower Upper
91 100
106 37.4 21.0 39.0

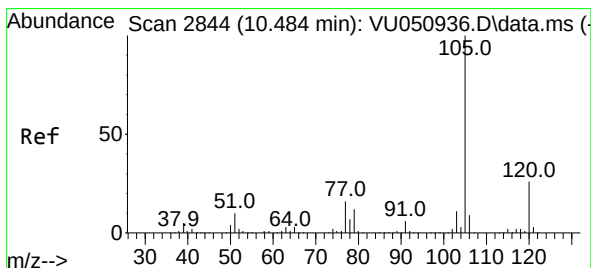
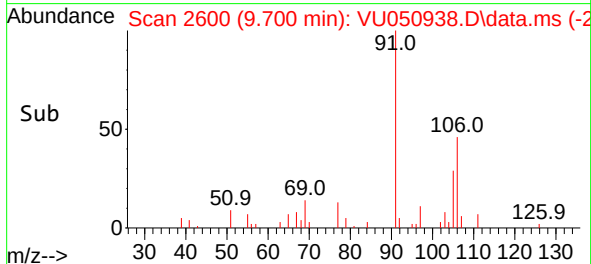
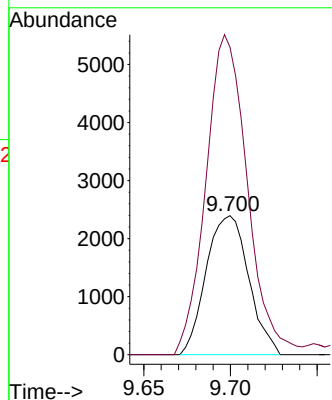
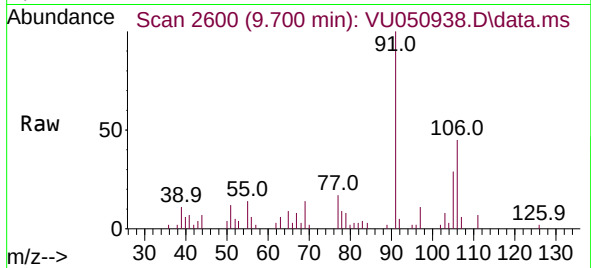




#53
m,p-Xylene
Concen: 0.721 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

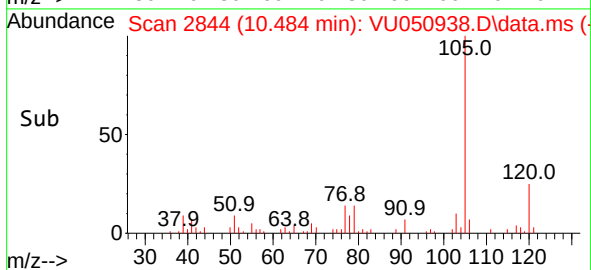
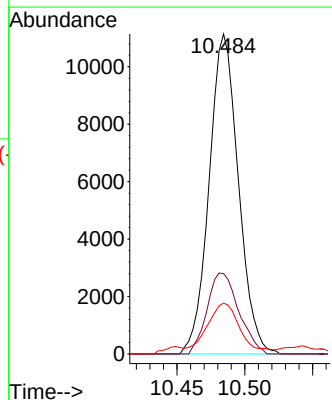
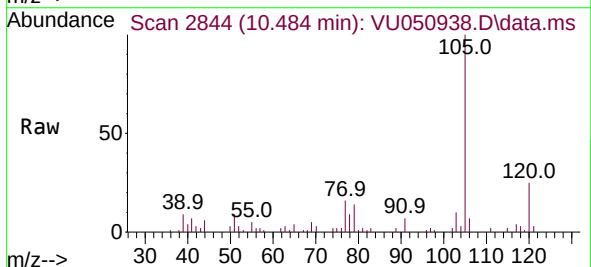
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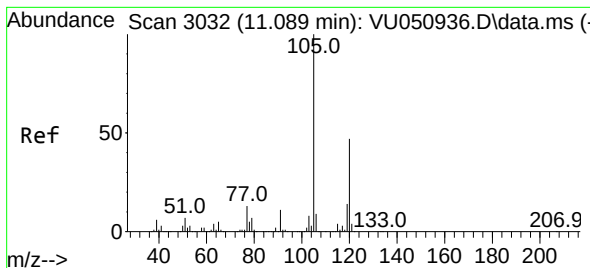
Tgt Ion:106 Resp: 4087
Ion Ratio Lower Upper
106 100
91 221.3 144.0 267.4



#61
Isopropylbenzene
Concen: 1.138 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050938.D
Acq: 26 Sep 2022 11:42

Tgt Ion:105 Resp: 16720
Ion Ratio Lower Upper
105 100
120 27.4 20.5 30.7
77 16.0 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 40.002 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.379 min

Lab File: VU050938.D

Acq: 26 Sep 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

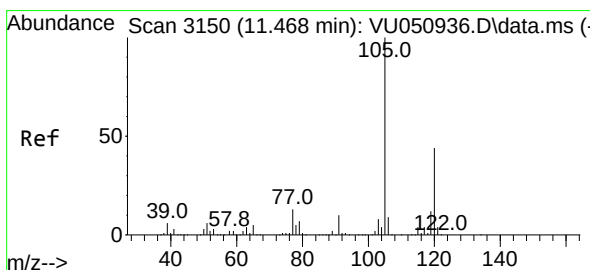
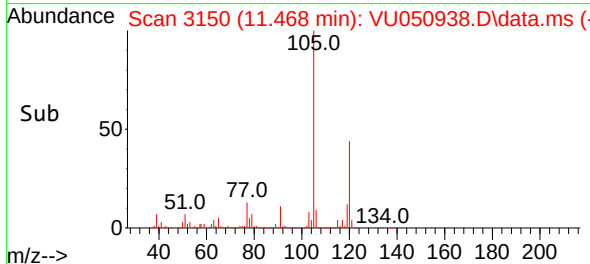
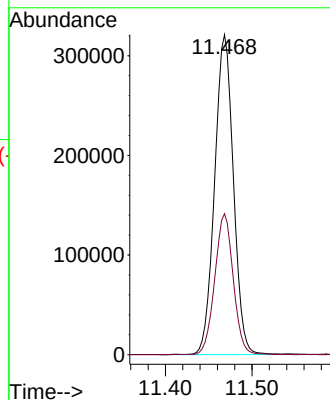
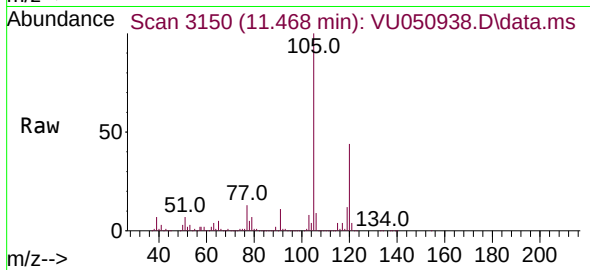
E45A3DL

Tgt Ion:105 Resp: 483289

Ion Ratio Lower Upper

105 100

120 43.4 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 40.393 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050938.D

Acq: 26 Sep 2022 11:42

Tgt Ion:105 Resp: 483289

Ion Ratio Lower Upper

105 100

120 43.4 34.9 52.3

