

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048338.D
 Acq On : 28 Apr 2022 14:04
 Operator : SY/MD
 Sample : N2587-10DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

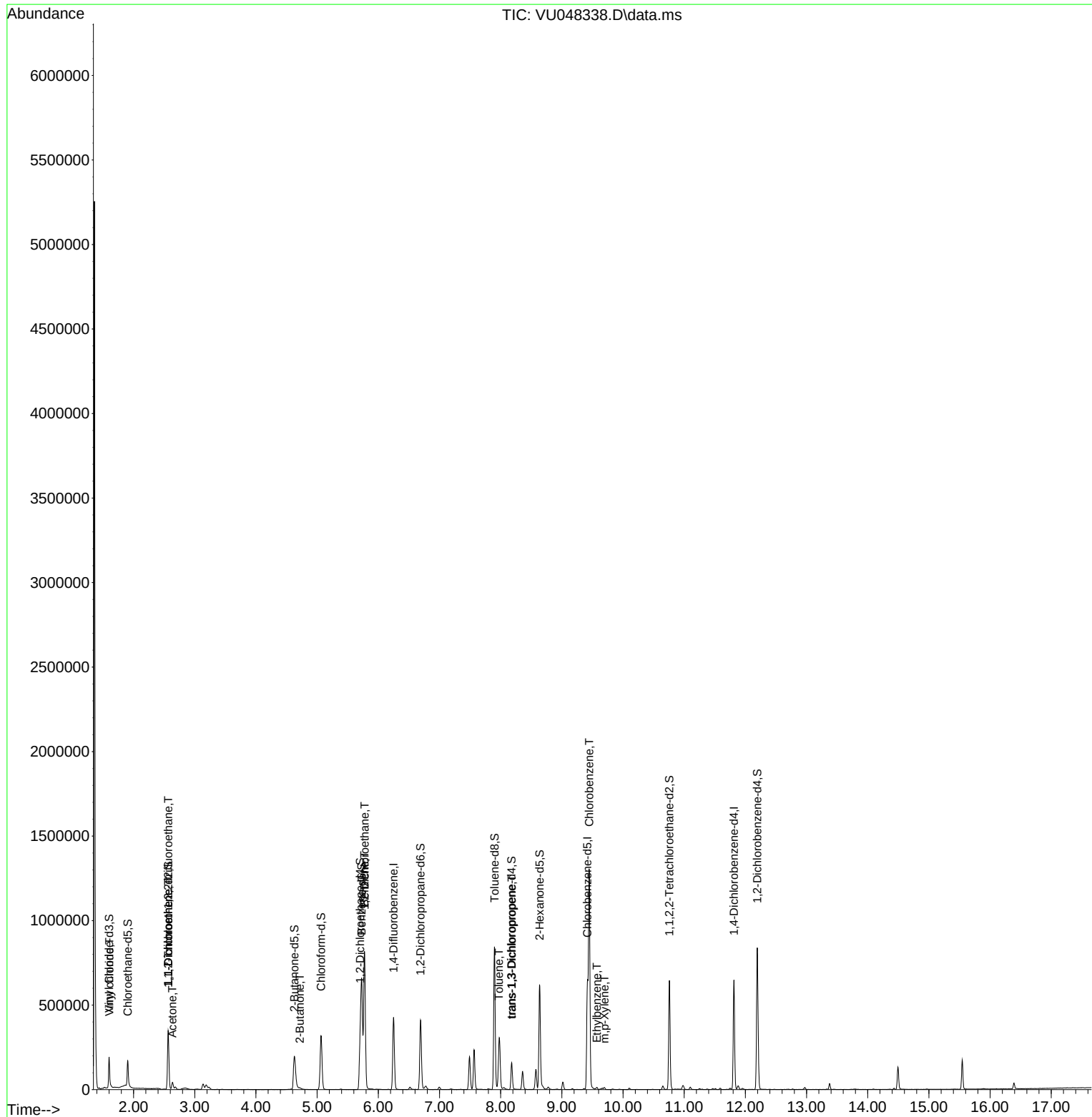
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	373079	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364086	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182014	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	152295	44.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.903	69	127036	52.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.500%
11) 1,1-Dichloroethene-d2	2.565	63	203833	37.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.160%
21) 2-Butanone-d5	4.626	46	283989	97.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.050%
24) Chloroform-d	5.063	84	301223	48.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
26) 1,2-Dichloroethane-d4	5.703	65	191726	51.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
32) Benzene-d6	5.729	84	632572	55.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.180%
36) 1,2-Dichloropropane-d6	6.690	67	206557	54.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.820%
41) Toluene-d8	7.899	98	574702	55.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.440%
43) trans-1,3-Dichloroprop...	8.179	79	91841	54.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.660%
47) 2-Hexanone-d5	8.635	63	221430	108.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	315817	47.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	223992	54.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.420%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1270	0.391	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2054	0.731	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1675	0.683	ug/L #	1
13) Acetone	2.636	43	49883	26.555	ug/L	99
22) 2-Butanone	4.716	43	10636	3.829	ug/L	78
27) 1,2-Dichloroethane	5.777	62	6752	1.701	ug/L #	72
33) Benzene	5.774	78	801924	74.393	ug/L	100
42) Toluene	7.970	91	123179	10.884	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	3606	0.856	ug/L	83
51) Chlorobenzene	9.449	112	745974	91.444	ug/L	99
52) Ethylbenzene	9.571	91	7376	0.629	ug/L	96
53) m,p-Xylene	9.697	106	3865	0.836	ug/L	98

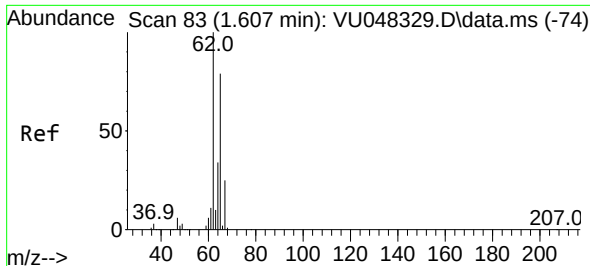
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048338.D
Acq On : 28 Apr 2022 14:04
Operator : SY/MD
Sample : N2587-10DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

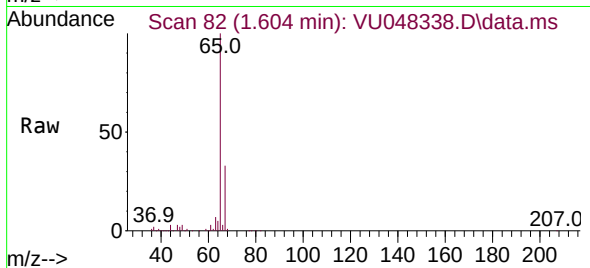
Quant Time: Apr 29 04:29:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration



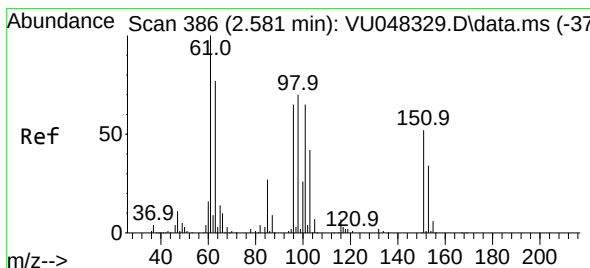
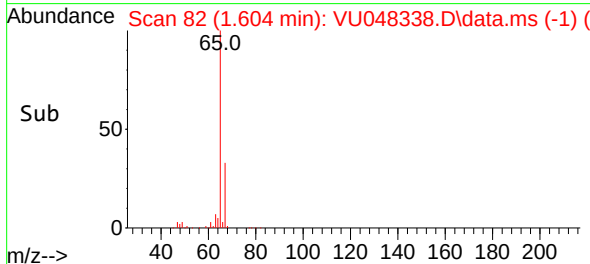
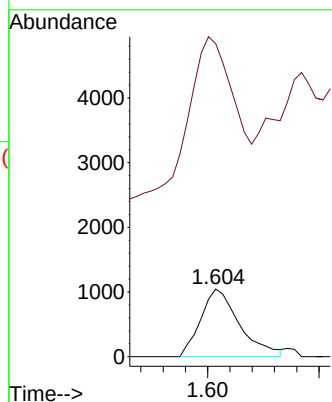


#5
 Vinyl chloride
 Concen: 0.391 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048338.D
 Acq: 28 Apr 2022 14:04

Instrument :
 MSVOA_U
 ClientSampleId :

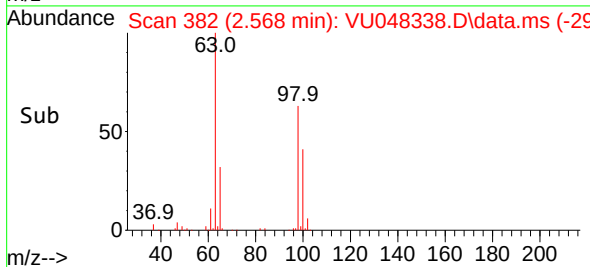
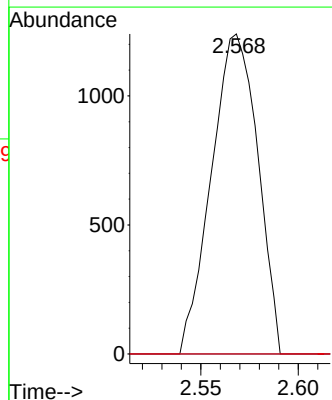
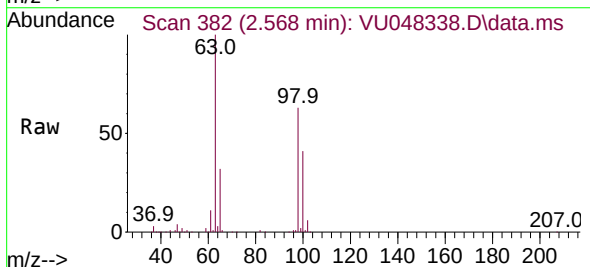


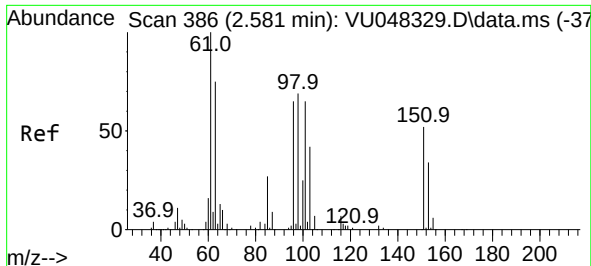
Tgt Ion: 62 Resp: 1270
 Ion Ratio Lower Upper
 62 100
 64 462.2 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.731 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048338.D
 Acq: 28 Apr 2022 14:04

Tgt Ion: 101 Resp: 2054
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.683 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048338.D

Acq: 28 Apr 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

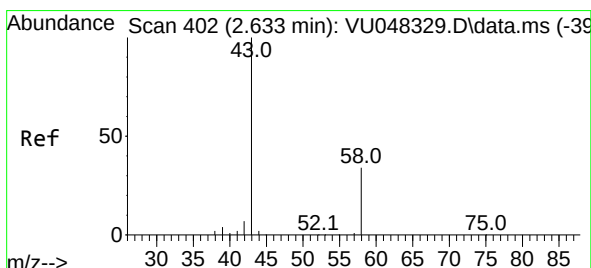
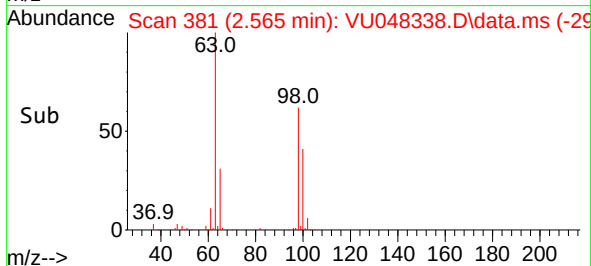
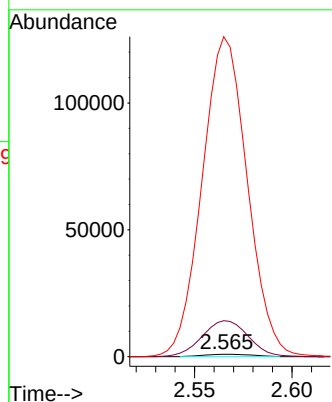
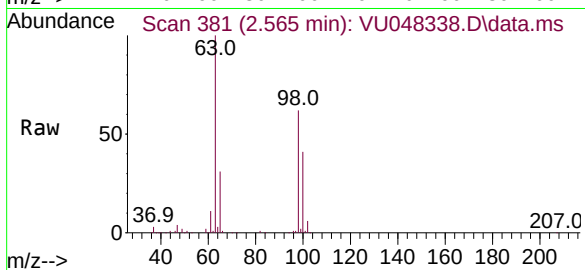
Tgt Ion: 96 Resp: 1675

Ion Ratio Lower Upper

96 100

61 1518.5 107.9 200.3#

63 13505.8 80.3 149.1#



#13

Acetone

Concen: 26.555 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU048338.D

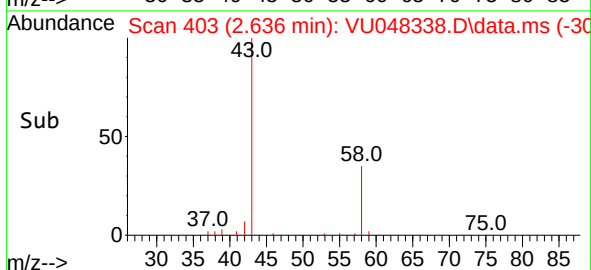
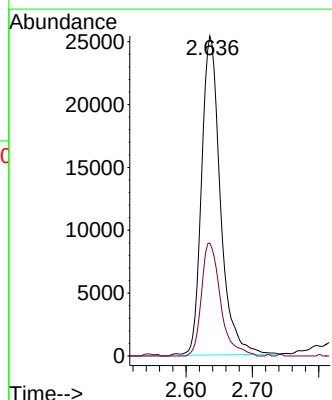
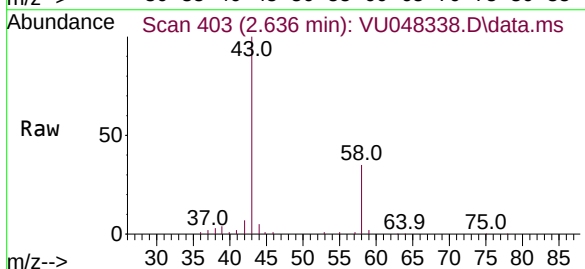
Acq: 28 Apr 2022 14:04

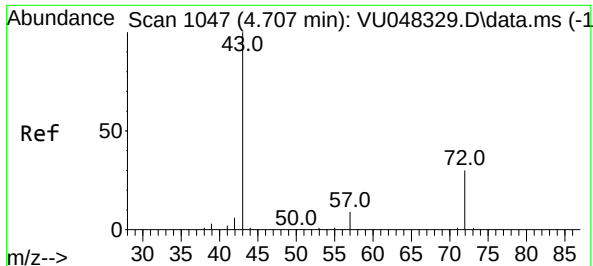
Tgt Ion: 43 Resp: 49883

Ion Ratio Lower Upper

43 100

58 36.0 0.0 71.2

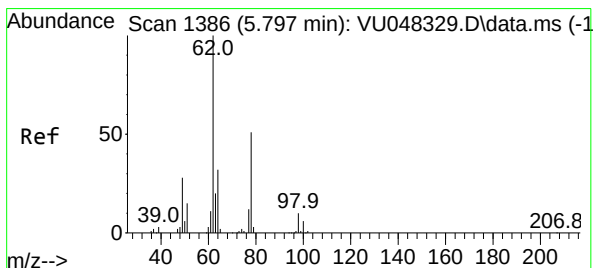
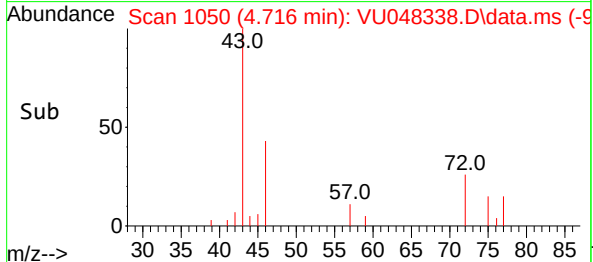
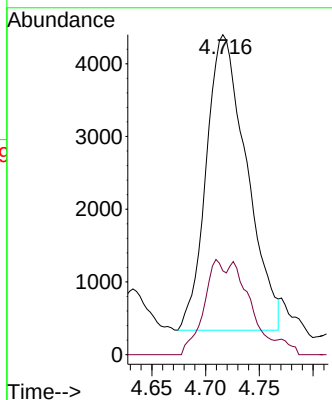
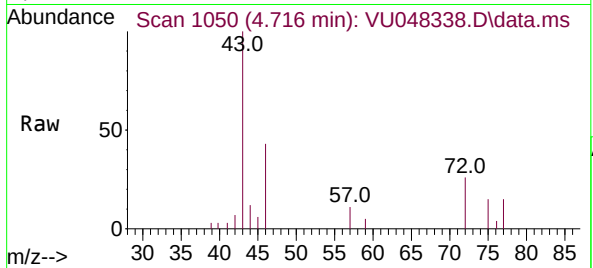




#22
2-Butanone
Concen: 3.829 ug/L
RT: 4.716 min Scan# 1047
Delta R.T. 0.009 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

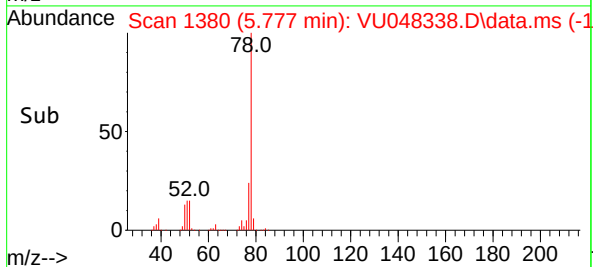
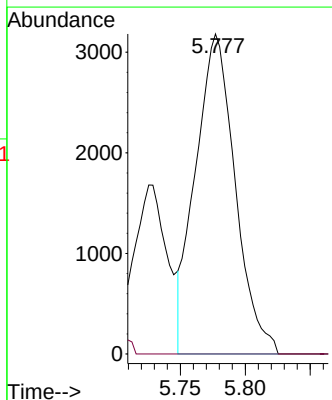
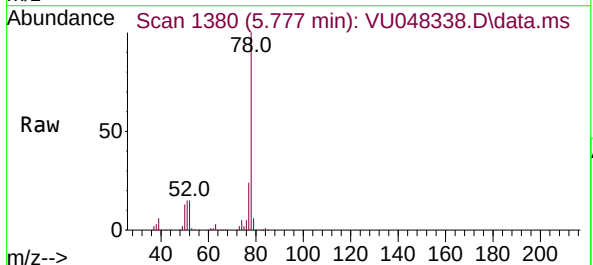
Instrument :
MSVOA_U
ClientSampleId :

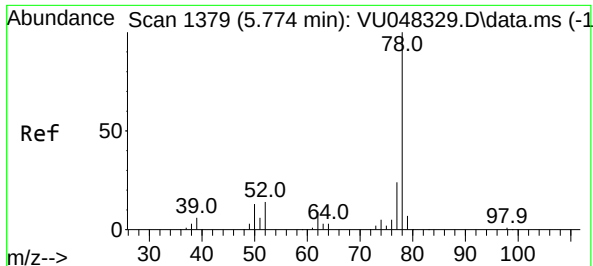
Tgt Ion: 43 Resp: 10636
Ion Ratio Lower Upper
43 100
72 17.4 14.6 43.8



#27
1,2-Dichloroethane
Concen: 1.701 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.019 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

Tgt Ion: 62 Resp: 6752
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#





#33

Benzene

Concen: 74.393 ug/L

RT: 5.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048338.D

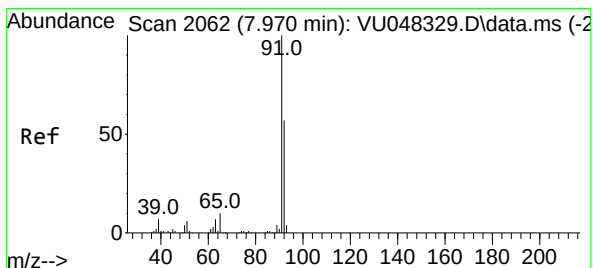
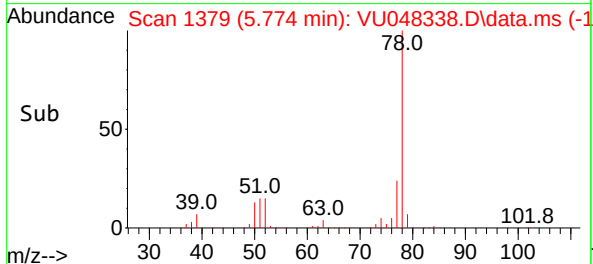
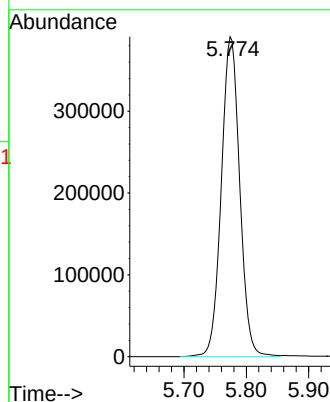
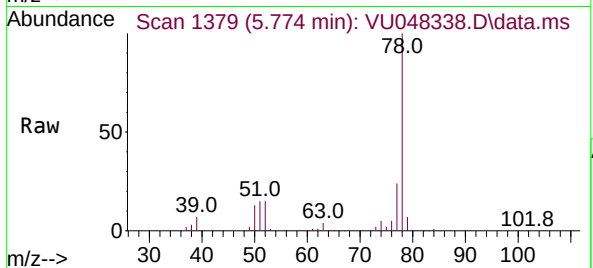
Acq: 28 Apr 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 801924



#42

Toluene

Concen: 10.884 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048338.D

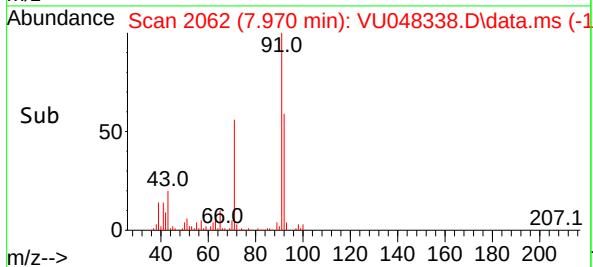
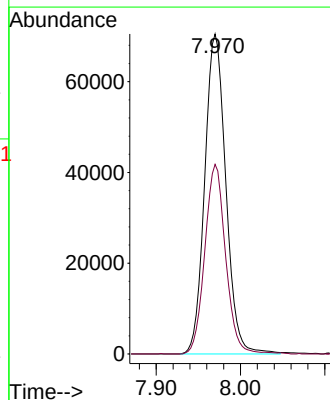
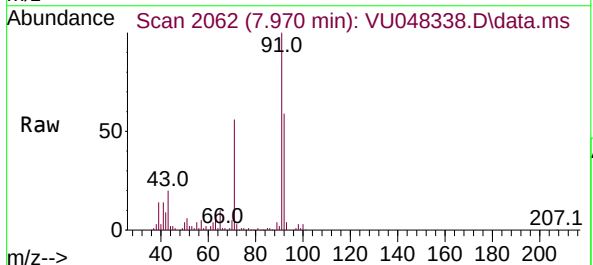
Acq: 28 Apr 2022 14:04

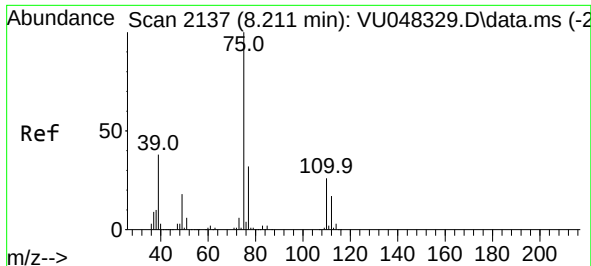
Tgt Ion: 91 Resp: 123179

Ion Ratio Lower Upper

91 100

92 59.3 40.9 76.0

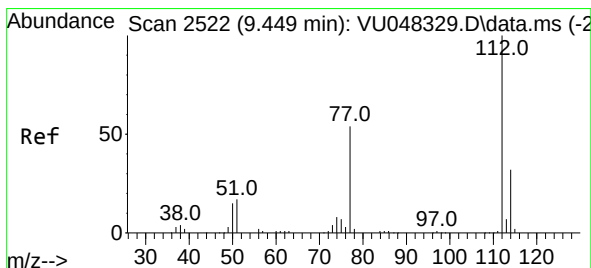
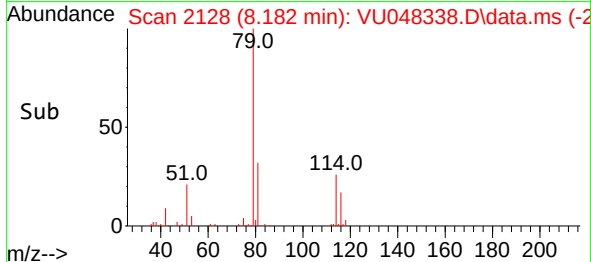
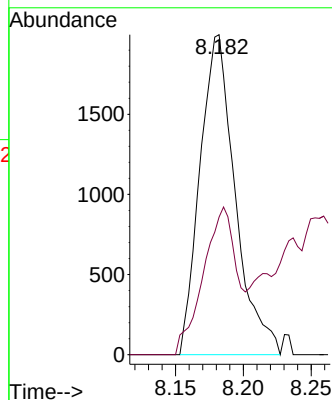
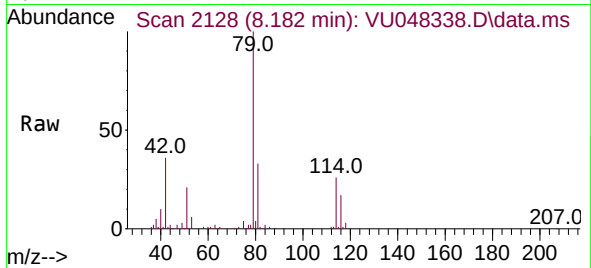




#44
trans-1,3-Dichloropropene
Concen: 0.856 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

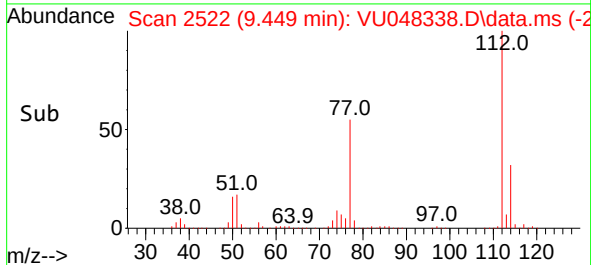
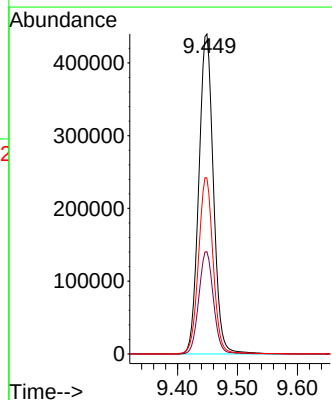
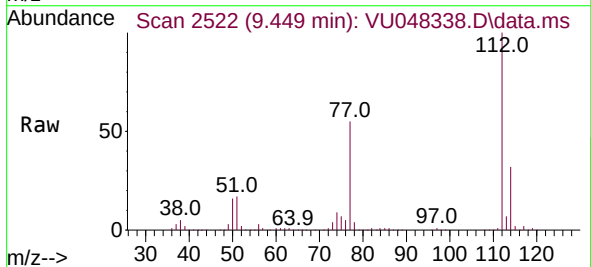
Instrument :
MSVOA_U
ClientSampleId :

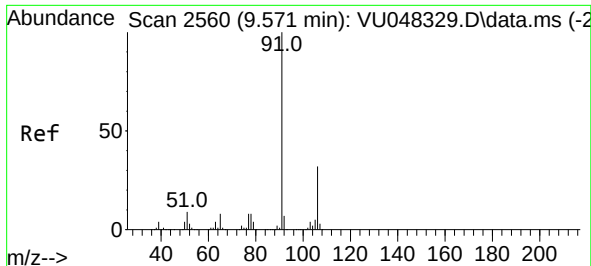
Tgt Ion: 75 Resp: 3606
Ion Ratio Lower Upper
75 100
77 40.9 22.1 41.1



#51
Chlorobenzene
Concen: 91.444 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

Tgt Ion: 112 Resp: 745974
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.1
77 55.0 44.3 66.5

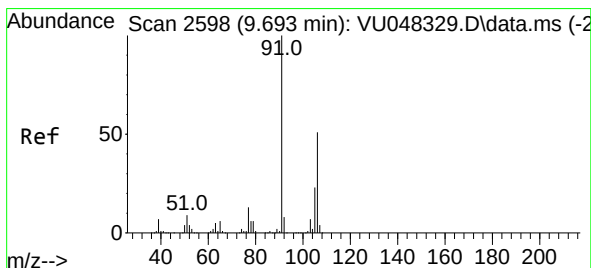
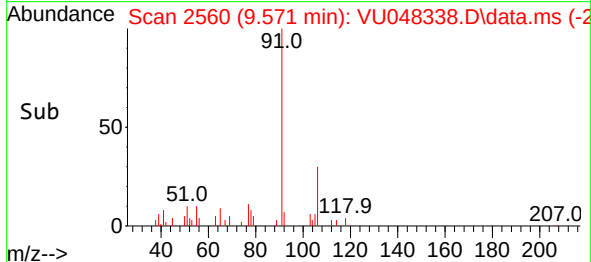
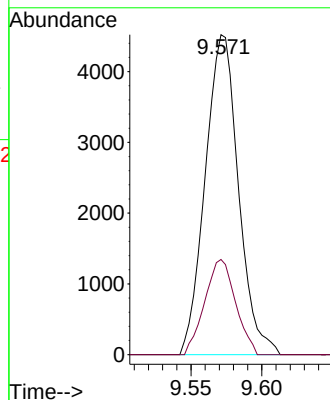
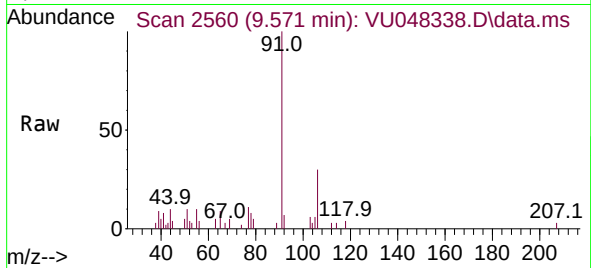




#52
Ethylbenzene
Concen: 0.629 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 7376
Ion Ratio Lower Upper
91 100
106 29.7 22.5 41.9



#53
m,p-Xylene
Concen: 0.836 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048338.D
Acq: 28 Apr 2022 14:04

Tgt Ion: 106 Resp: 3865
Ion Ratio Lower Upper
106 100
91 192.6 137.4 255.2

