

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048336.D
 Acq On : 28 Apr 2022 13:17
 Operator : SY/MD
 Sample : N2587-08DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:29:29 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)

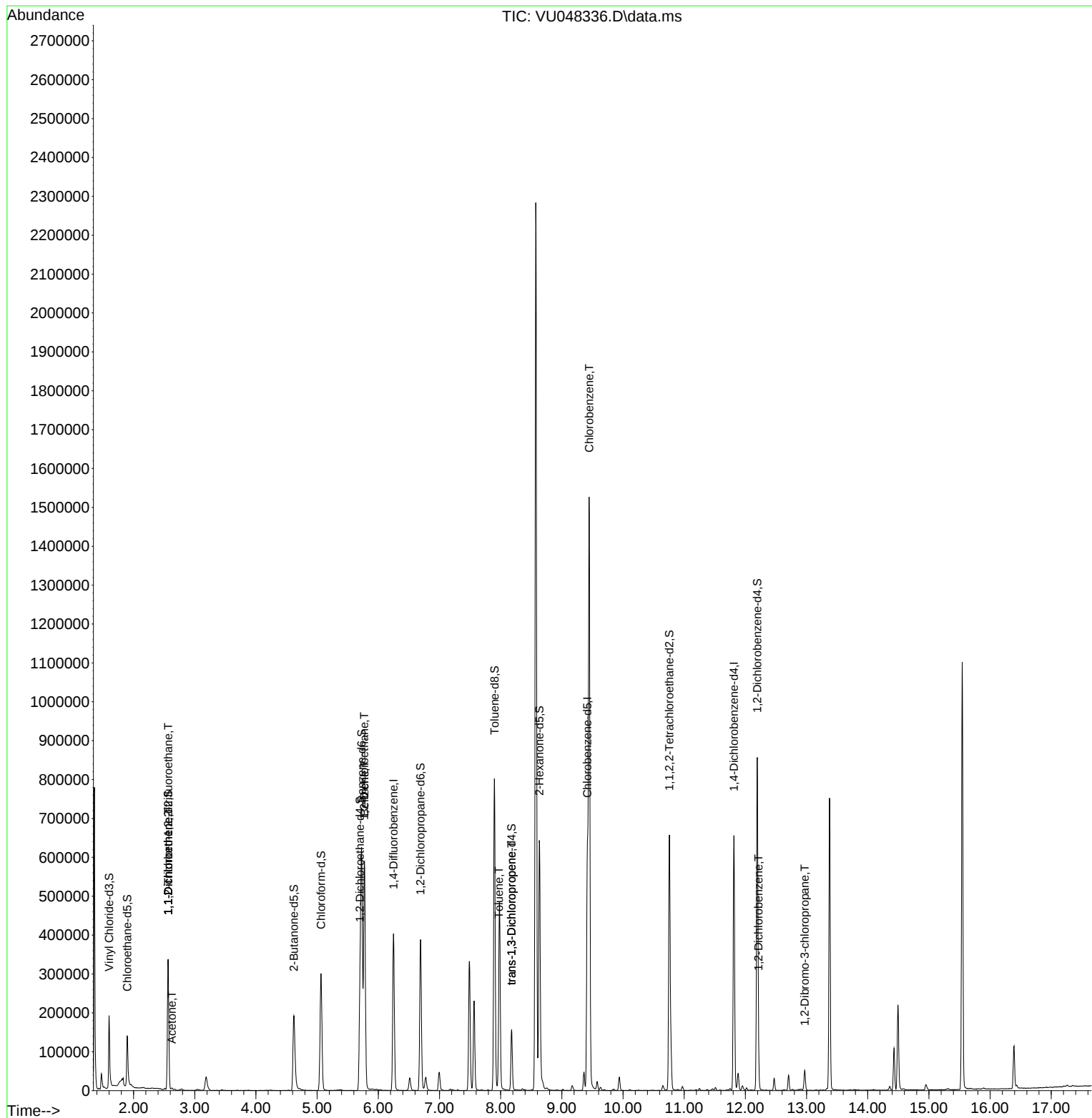
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347859	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	147761	46.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.380%
7) Chloroethane-d5	1.896	69	116729	51.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.980%
11) 1,1-Dichloroethene-d2	2.565	63	193042	37.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
21) 2-Butanone-d5	4.620	46	275401	100.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.940%
24) Chloroform-d	5.063	84	282539	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	180402	52.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.800%
32) Benzene-d6	5.726	84	598534	53.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.690	67	194753	52.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	7.899	98	554534	54.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.740%
43) trans-1,3-Dichloroprop...	8.179	79	89827	54.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.460%
47) 2-Hexanone-d5	8.632	63	234733	116.963	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	329162	50.455	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	236294	55.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2107	0.804	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	1709	0.747	ug/L #	1
13) Acetone	2.626	43	6035	3.446	ug/L	98
27) 1,2-Dichloroethane	5.771	62	5961	1.611	ug/L #	72
33) Benzene	5.774	78	582819	55.178	ug/L	100
42) Toluene	7.970	91	33273	3.000	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3862	0.935	ug/L	85
51) Chlorobenzene	9.446	112	839678	105.047	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	7225	1.156	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.970	75	8436	7.156	ug/L #	2

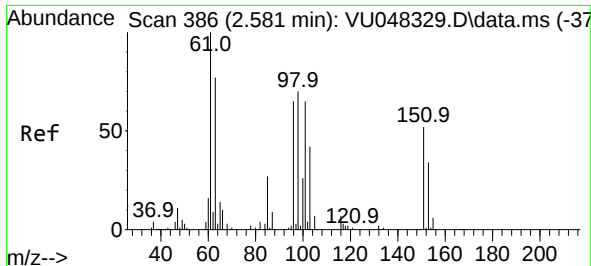
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
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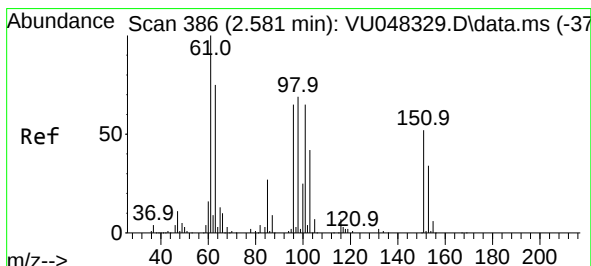
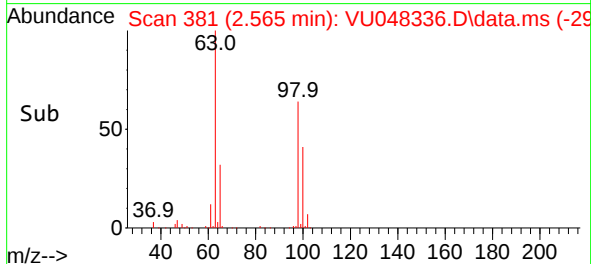
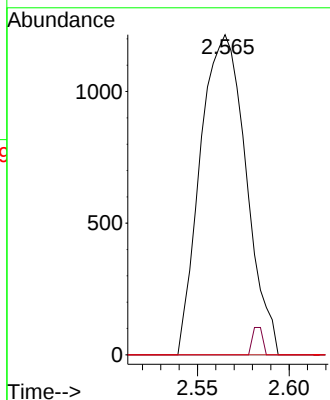
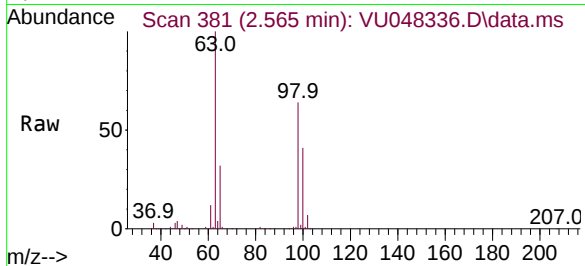




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.804 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048336.D
 Acq: 28 Apr 2022 13:17

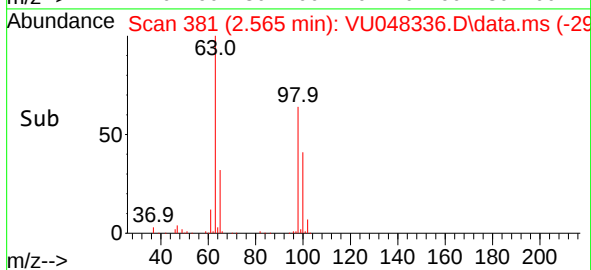
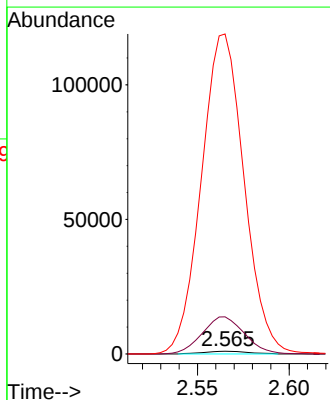
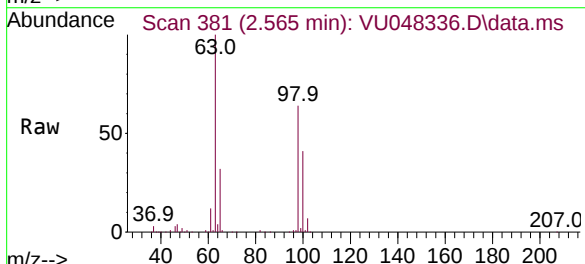
Instrument :
 MSVOA_U
 ClientSampleId :

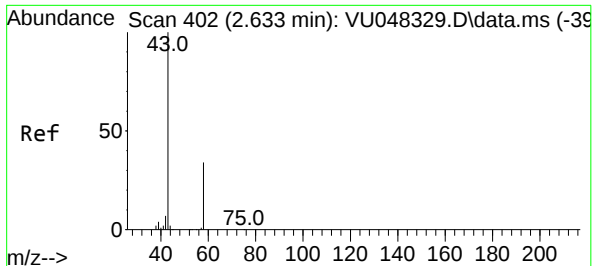
Tgt Ion:101 Resp: 2107
 Ion Ratio Lower Upper
 101 100
 85 1.9 32.6 48.8#
 151 0.0 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 0.747 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048336.D
 Acq: 28 Apr 2022 13:17

Tgt Ion: 96 Resp: 1709
 Ion Ratio Lower Upper
 96 100
 61 1343.2 107.9 200.3#
 63 11592.2 80.3 149.1#





#13

Acetone

Concen: 3.446 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.007 min

Lab File: VU048336.D

Acq: 28 Apr 2022 13:17

Instrument :

MSVOA_U

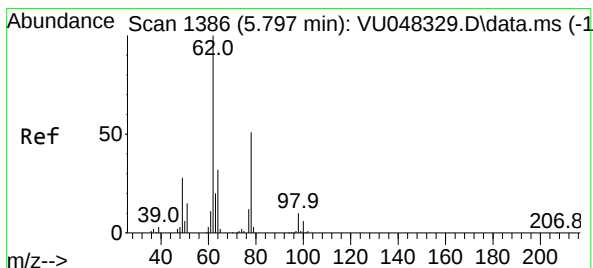
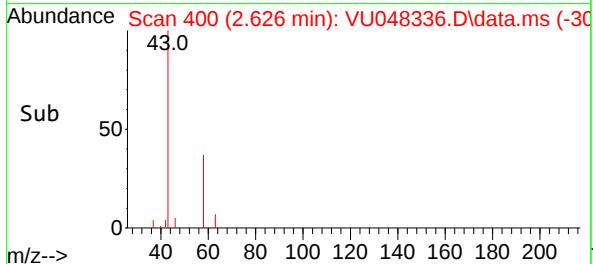
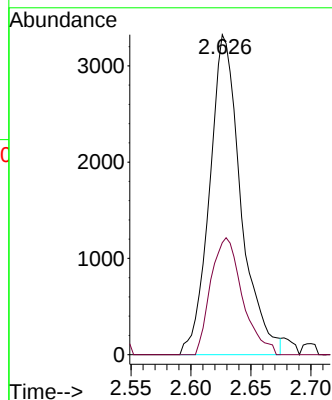
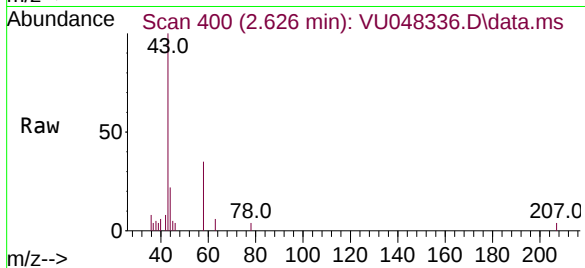
ClientSampleId :

Tgt Ion: 43 Resp: 6035

Ion Ratio Lower Upper

43 100

58 36.9 0.0 71.2



#27

1,2-Dichloroethane

Concen: 1.611 ug/L

RT: 5.771 min Scan# 1378

Delta R.T. -0.026 min

Lab File: VU048336.D

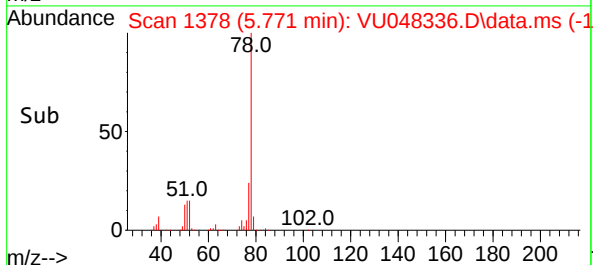
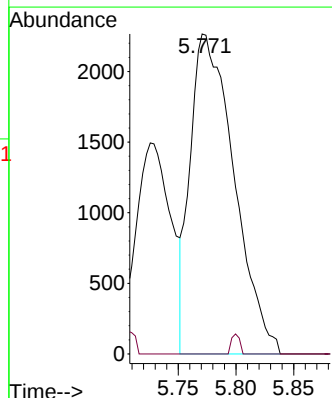
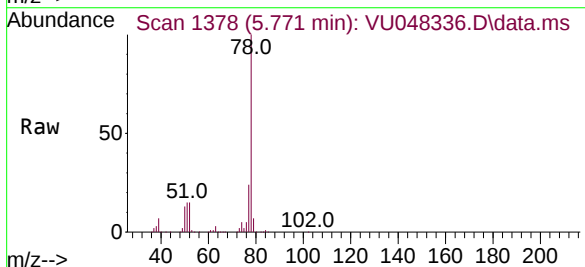
Acq: 28 Apr 2022 13:17

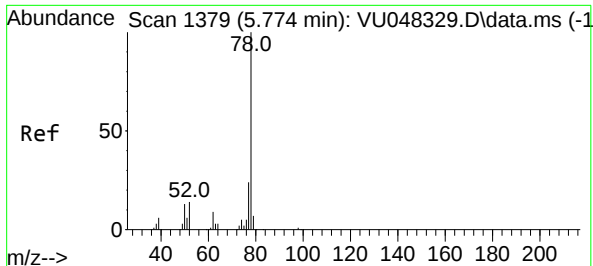
Tgt Ion: 62 Resp: 5961

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

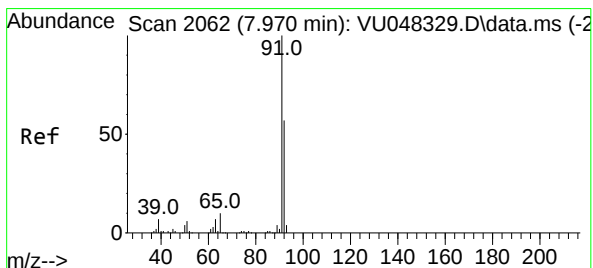
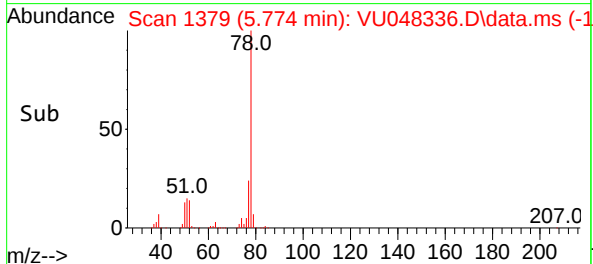
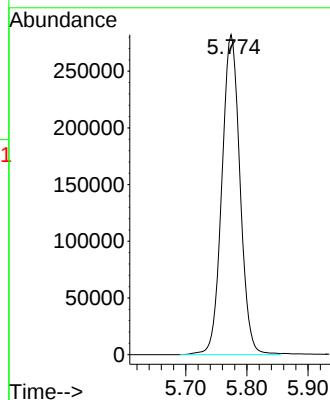
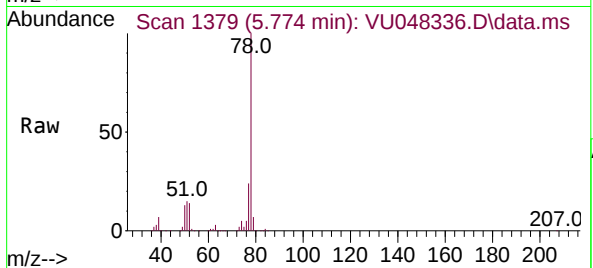




#33
Benzene
Concen: 55.178 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048336.D
Acq: 28 Apr 2022 13:17

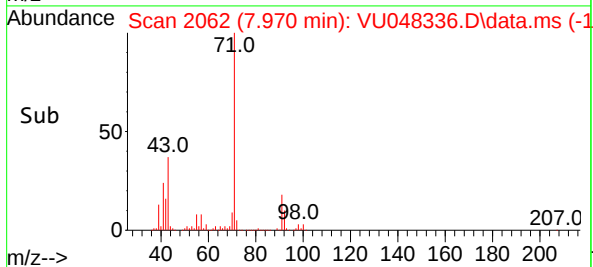
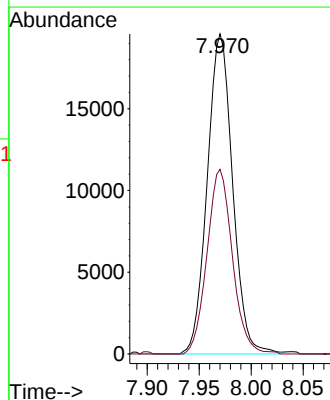
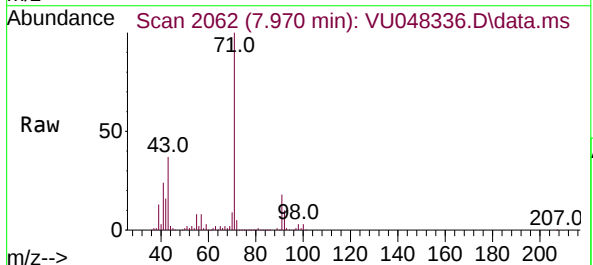
Instrument : MSVOA_U
ClientSampleId :

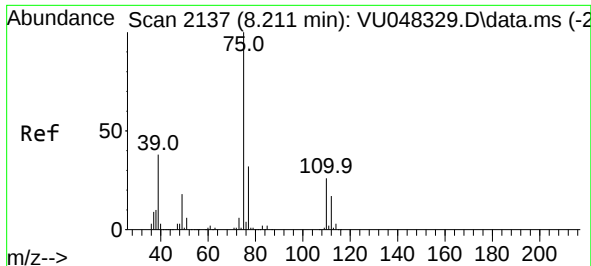
Tgt Ion: 78 Resp: 582819



#42
Toluene
Concen: 3.000 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048336.D
Acq: 28 Apr 2022 13:17

Tgt Ion: 91 Resp: 33273
Ion Ratio Lower Upper
91 100
92 57.7 40.9 76.0

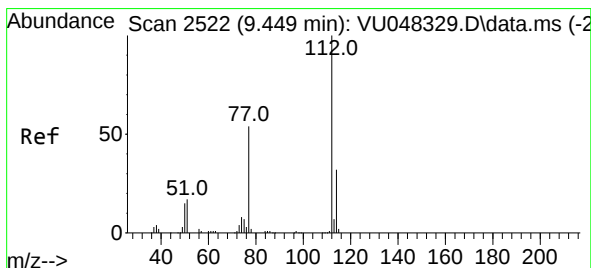
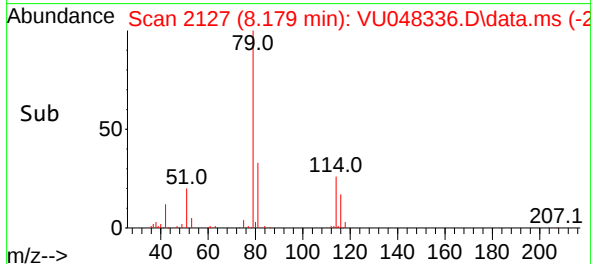
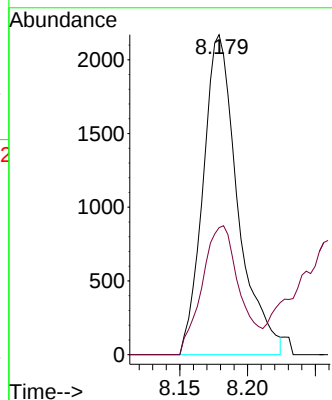
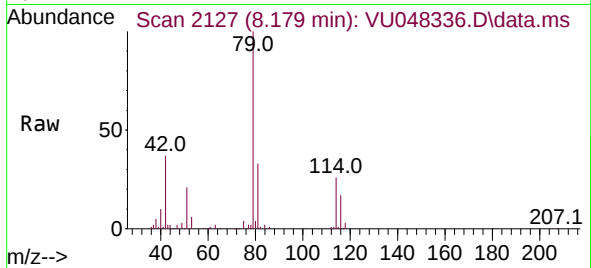




#44
trans-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048336.D
Acq: 28 Apr 2022 13:17

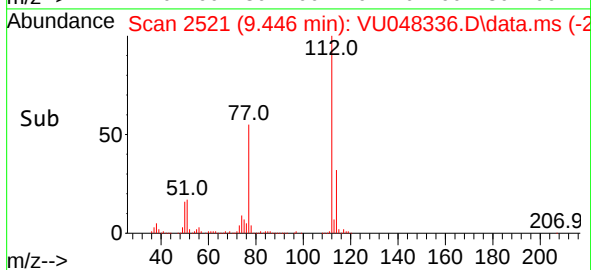
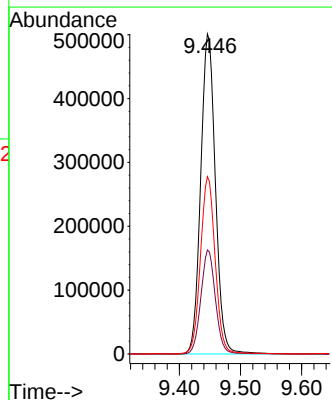
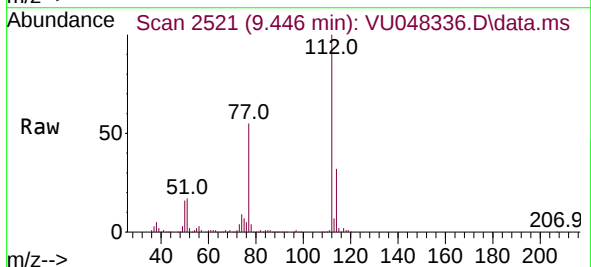
Instrument :
MSVOA_U
ClientSampleId :

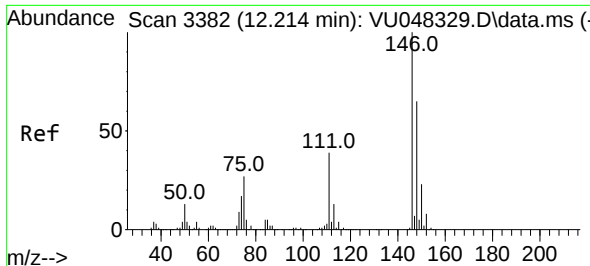
Tgt Ion: 75 Resp: 3862
Ion Ratio Lower Upper
75 100
77 39.7 22.1 41.1



#51
Chlorobenzene
Concen: 105.047 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048336.D
Acq: 28 Apr 2022 13:17

Tgt Ion: 112 Resp: 839678
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 55.4 44.3 66.5

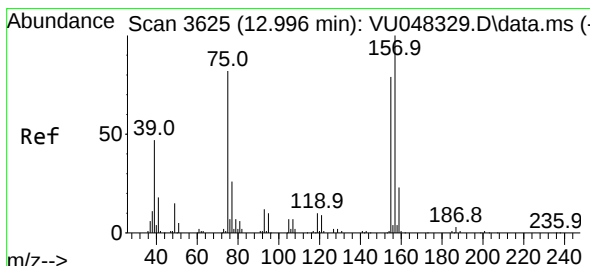
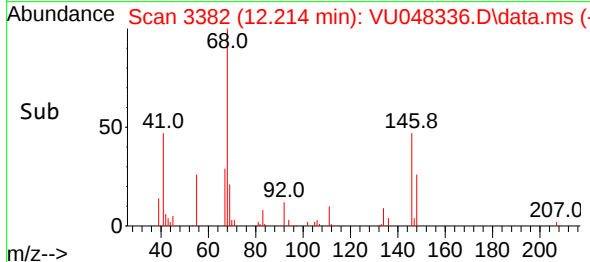
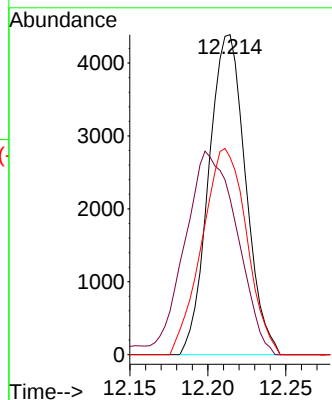
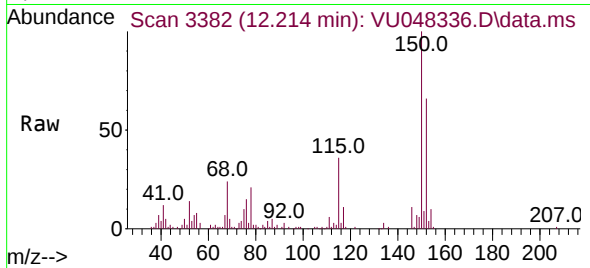




#67
 1,2-Dichlorobenzene
 Concen: 1.156 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU048336.D
 Acq: 28 Apr 2022 13:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 7225
 Ion Ratio Lower Upper
 146 100
 111 48.7 31.7 47.5#
 148 61.7 50.9 76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.156 ug/L
 RT: 12.970 min Scan# 3617
 Delta R.T. -0.026 min
 Lab File: VU048336.D
 Acq: 28 Apr 2022 13:17

Tgt Ion: 75 Resp: 8436
 Ion Ratio Lower Upper
 75 100
 155 4.2 71.8 107.6#
 157 3.0 93.4 140.2#

