

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048334.D
 Acq On : 28 Apr 2022 12:29
 Operator : SY/MD
 Sample : N2587-06DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:29:04 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)

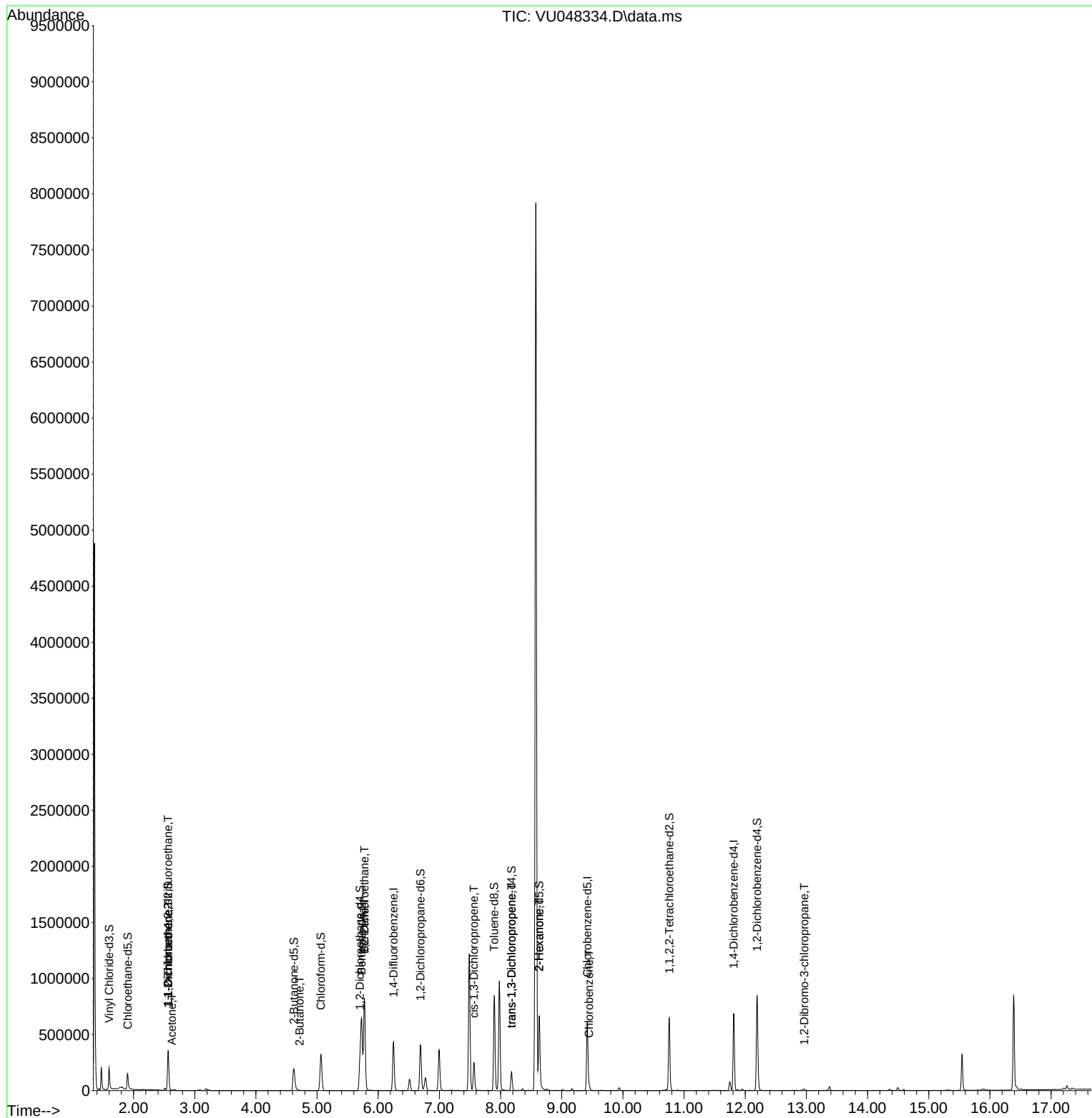
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371646	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	153313	44.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.720%
7) Chloroethane-d5	1.903	69	130956	54.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.180%
11) 1,1-Dichloroethene-d2	2.565	63	201375	36.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.540%
21) 2-Butanone-d5	4.620	46	281548	96.591	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.590%
24) Chloroform-d	5.063	84	294635	47.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
26) 1,2-Dichloroethane-d4	5.700	65	187324	50.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
32) Benzene-d6	5.729	84	622989	53.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.960%
36) 1,2-Dichloropropane-d6	6.690	67	201224	52.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.460%
41) Toluene-d8	7.896	98	578892	55.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.660%
43) trans-1,3-Dichloroprop...	8.179	79	93747	55.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.360%
47) 2-Hexanone-d5	8.632	63	234155	113.736	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	322482	48.187	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	232764	53.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.160%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2132	0.762	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1772	0.725	ug/L #	1
13) Acetone	2.626	43	7062	3.774	ug/L	98
22) 2-Butanone	4.713	43	2887	1.043	ug/L	95
27) 1,2-Dichloroethane	5.774	62	7324	1.852	ug/L #	72
33) Benzene	5.774	78	805100	74.303	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	5562	1.283	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	3978	0.939	ug/L	85
48) 2-Hexanone	8.632	43	24225	6.239	ug/L #	65
51) Chlorobenzene	9.446	112	19352	2.360	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.963	75	3105	2.582	ug/L #	1

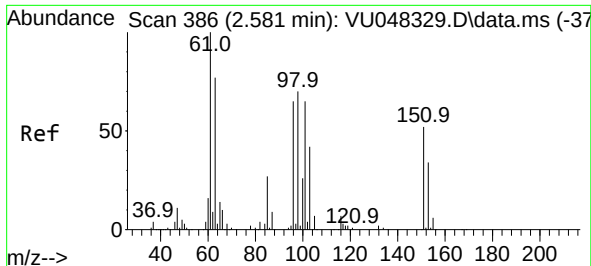
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
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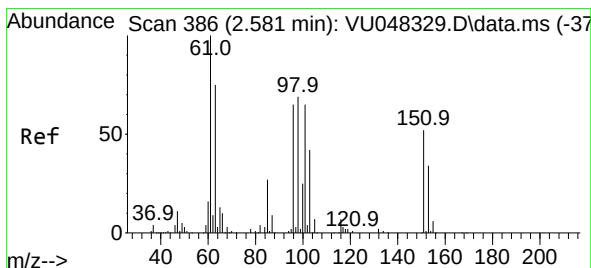
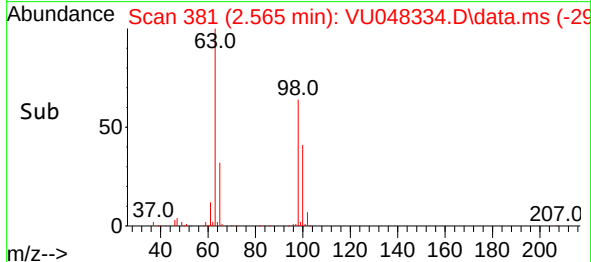
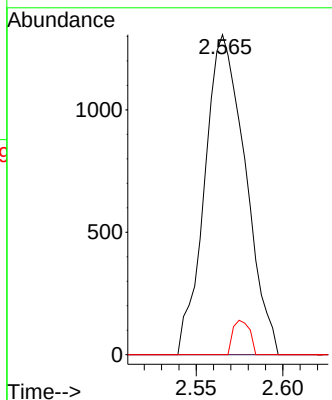
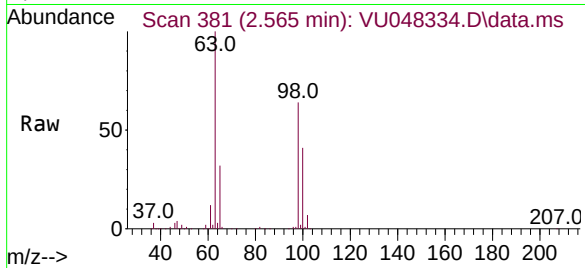




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.762 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048334.D
Acq: 28 Apr 2022 12:29

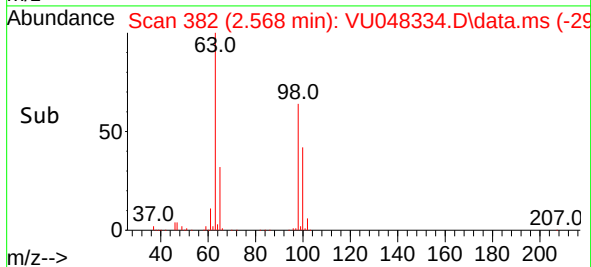
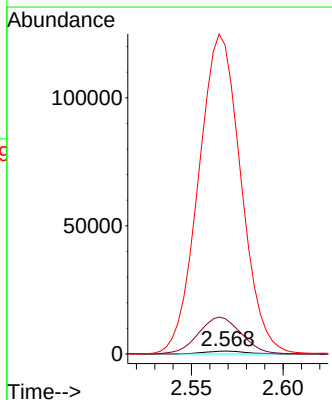
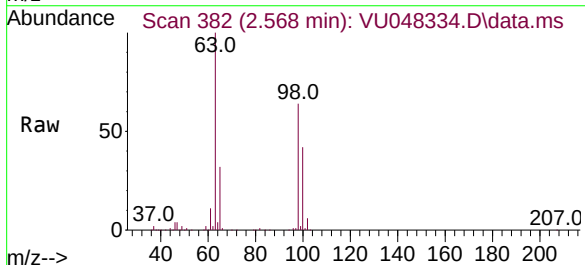
Instrument :
MSVOA_U
ClientSampleId :

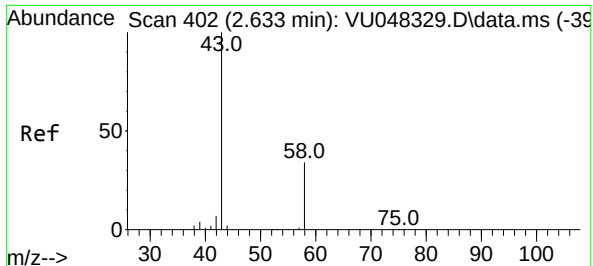
Tgt Ion:101 Resp: 2132
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 4.4 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.725 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048334.D
Acq: 28 Apr 2022 12:29

Tgt Ion: 96 Resp: 1772
Ion Ratio Lower Upper
96 100
61 1237.4 107.9 200.3#
63 10802.2 80.3 149.1#





#13

Acetone

Concen: 3.774 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU048334.D

Acq: 28 Apr 2022 12:29

Instrument :

MSVOA_U

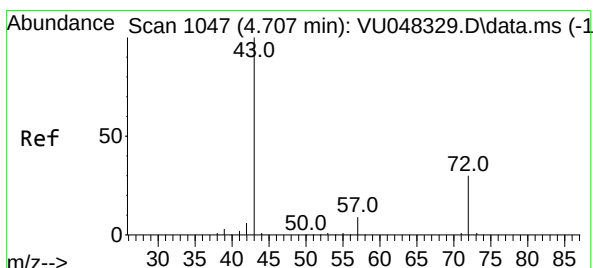
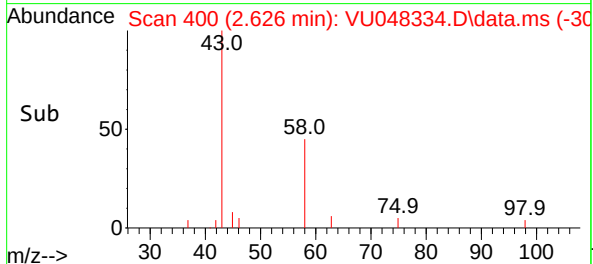
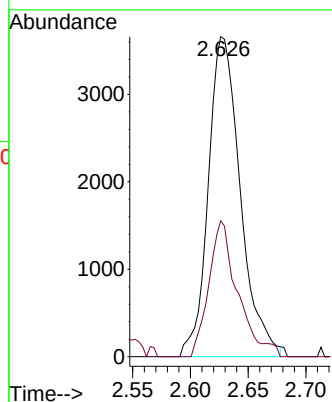
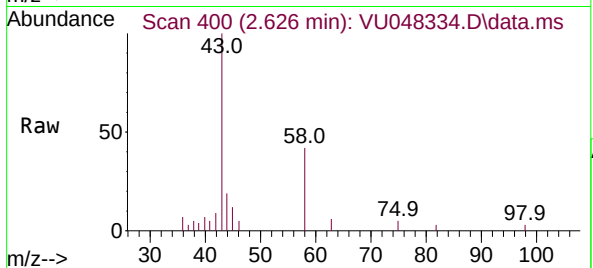
ClientSampleId :

Tgt Ion: 43 Resp: 7062

Ion Ratio Lower Upper

43 100

58 36.7 0.0 71.2



#22

2-Butanone

Concen: 1.043 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU048334.D

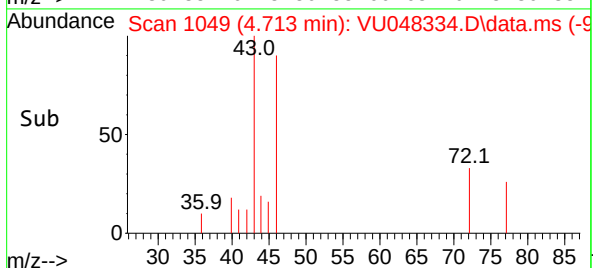
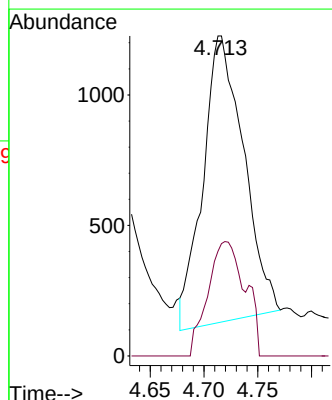
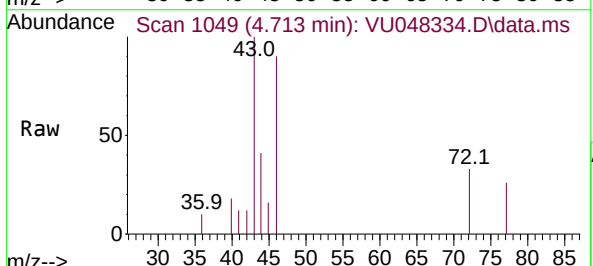
Acq: 28 Apr 2022 12:29

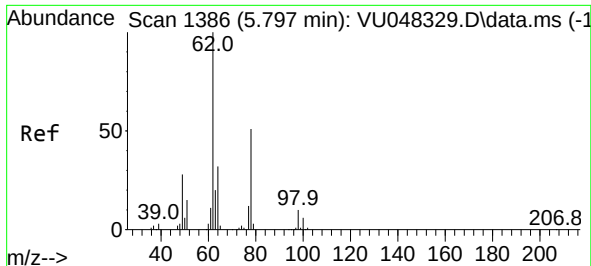
Tgt Ion: 43 Resp: 2887

Ion Ratio Lower Upper

43 100

72 31.7 14.6 43.8





#27

1,2-Dichloroethane

Concen: 1.852 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. -0.023 min

Lab File: VU048334.D

Acq: 28 Apr 2022 12:29

Instrument :

MSVOA_U

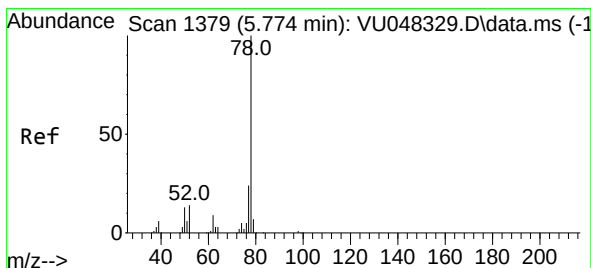
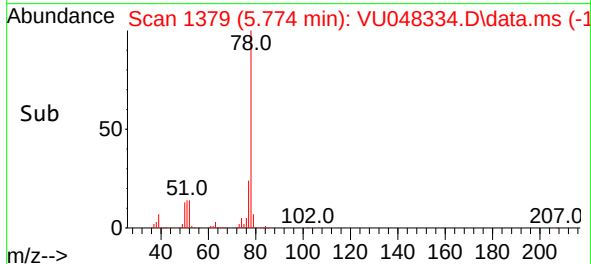
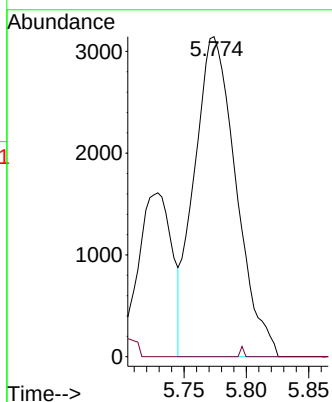
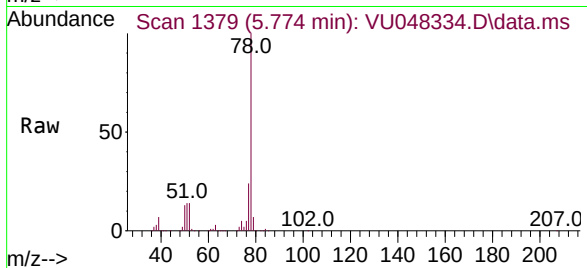
ClientSampleId :

Tgt Ion: 62 Resp: 7324

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#33

Benzene

Concen: 74.303 ug/L

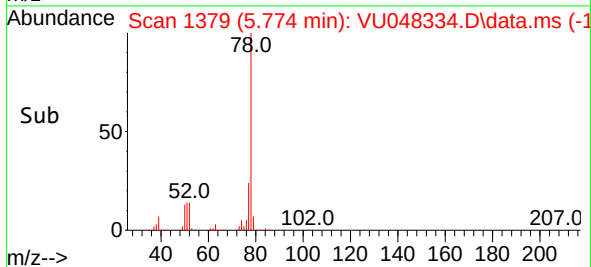
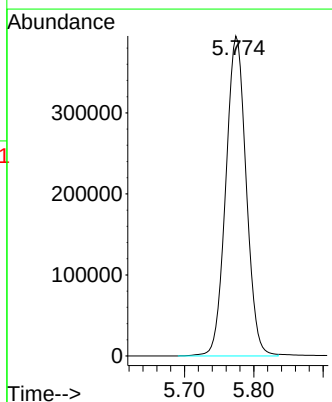
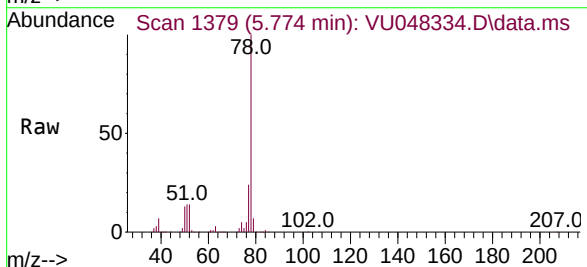
RT: 5.774 min Scan# 1379

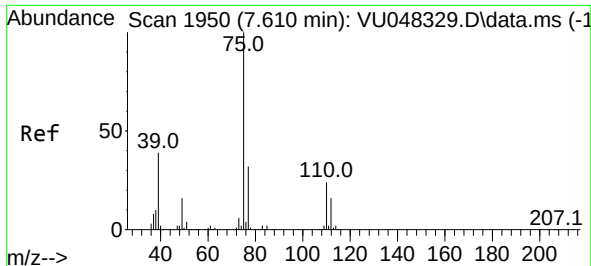
Delta R.T. -0.000 min

Lab File: VU048334.D

Acq: 28 Apr 2022 12:29

Tgt Ion: 78 Resp: 805100





#39

cis-1,3-Dichloropropene

Concen: 1.283 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048334.D

Acq: 28 Apr 2022 12:29

Instrument :

MSVOA_U

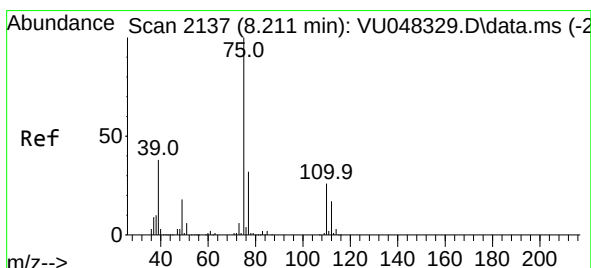
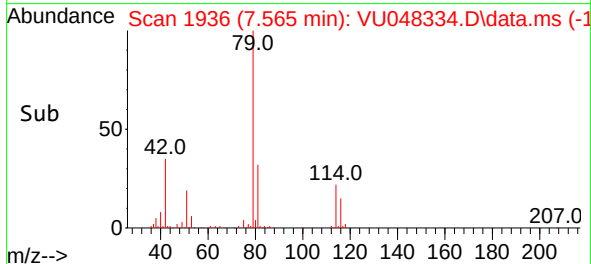
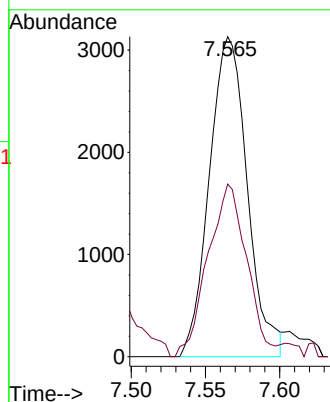
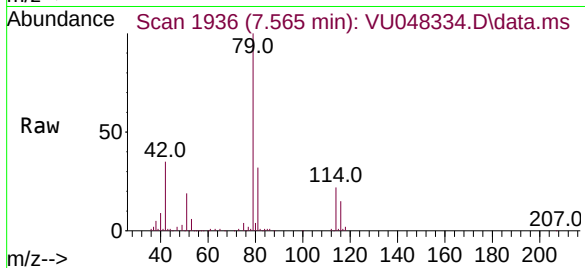
ClientSampleId :

Tgt Ion: 75 Resp: 5562

Ion Ratio Lower Upper

75 100

77 54.0 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048334.D

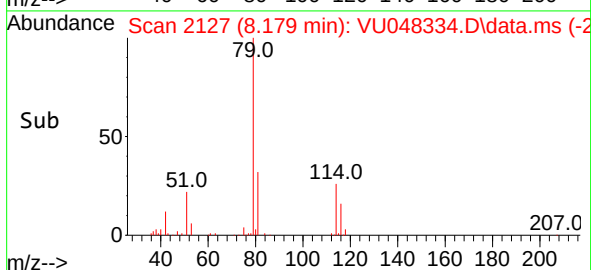
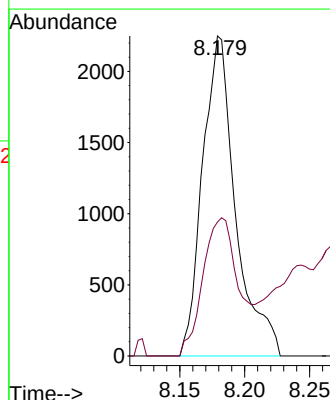
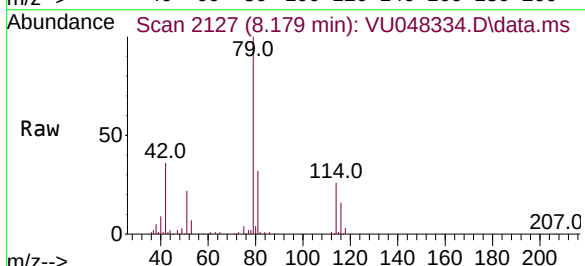
Acq: 28 Apr 2022 12:29

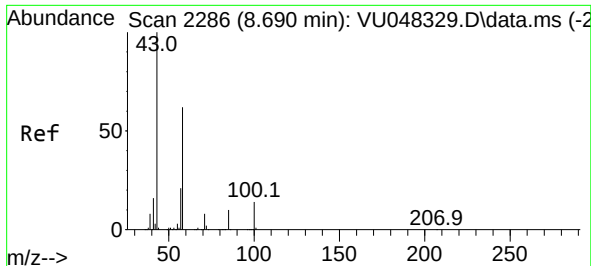
Tgt Ion: 75 Resp: 3978

Ion Ratio Lower Upper

75 100

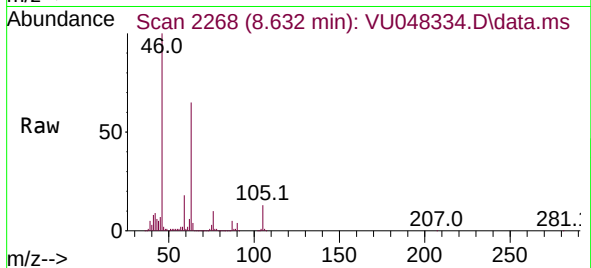
77 40.0 22.1 41.1



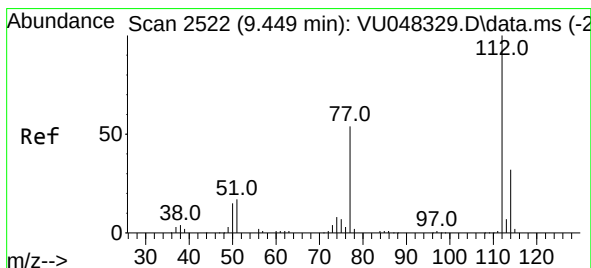
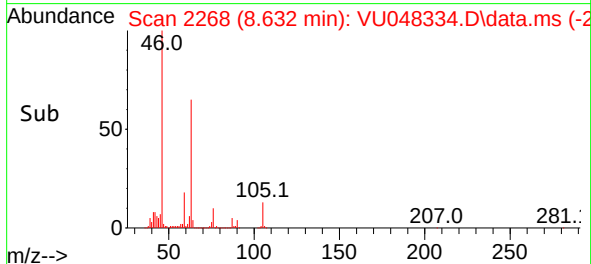
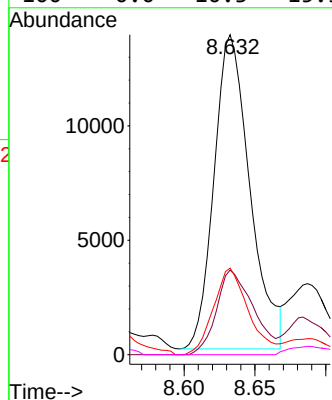


#48
2-Hexanone
Concen: 6.239 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.058 min
Lab File: VU048334.D
Acq: 28 Apr 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :

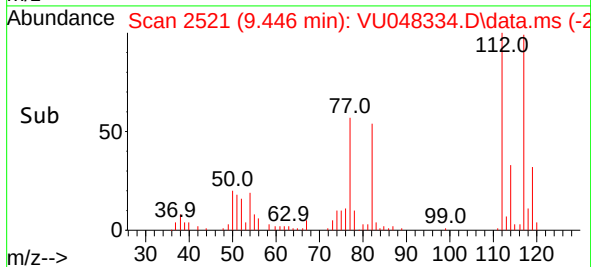
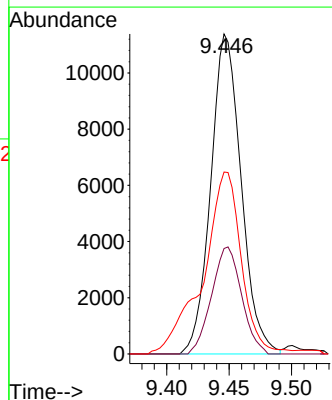
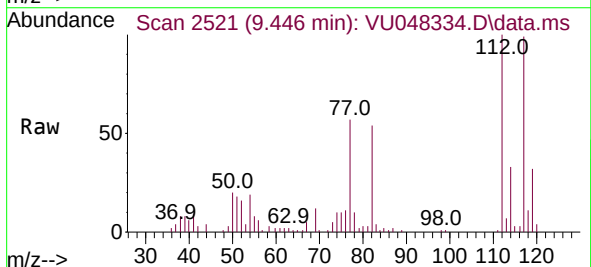


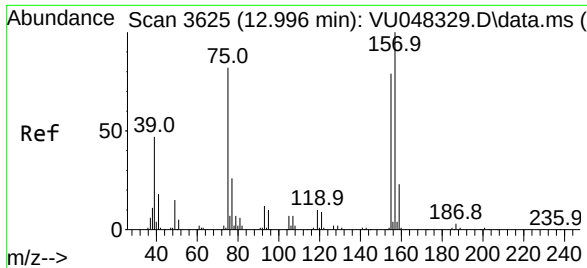
Tgt Ion:	43	Resp:	24225
Ion	Ratio	Lower	Upper
43	100		
58	27.5	48.1	72.1#
57	26.6	16.2	24.4#
100	0.0	10.3	15.5#



#51
Chlorobenzene
Concen: 2.360 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048334.D
Acq: 28 Apr 2022 12:29

Tgt Ion:	112	Resp:	19352
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.7	42.1
77	56.8	44.3	66.5





#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.582 ug/L
 RT: 12.963 min Scan# 30
 Delta R.T. -0.032 min
 Lab File: VU048334.D
 Acq: 28 Apr 2022 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 3105
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.8 107.6#
 157 0.0 93.4 140.2#

