

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049043.D
 Acq On : 11 Jun 2022 09:54
 Operator : SY/MD
 Sample : N3249-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ3

Quant Time: Jun 11 10:46:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

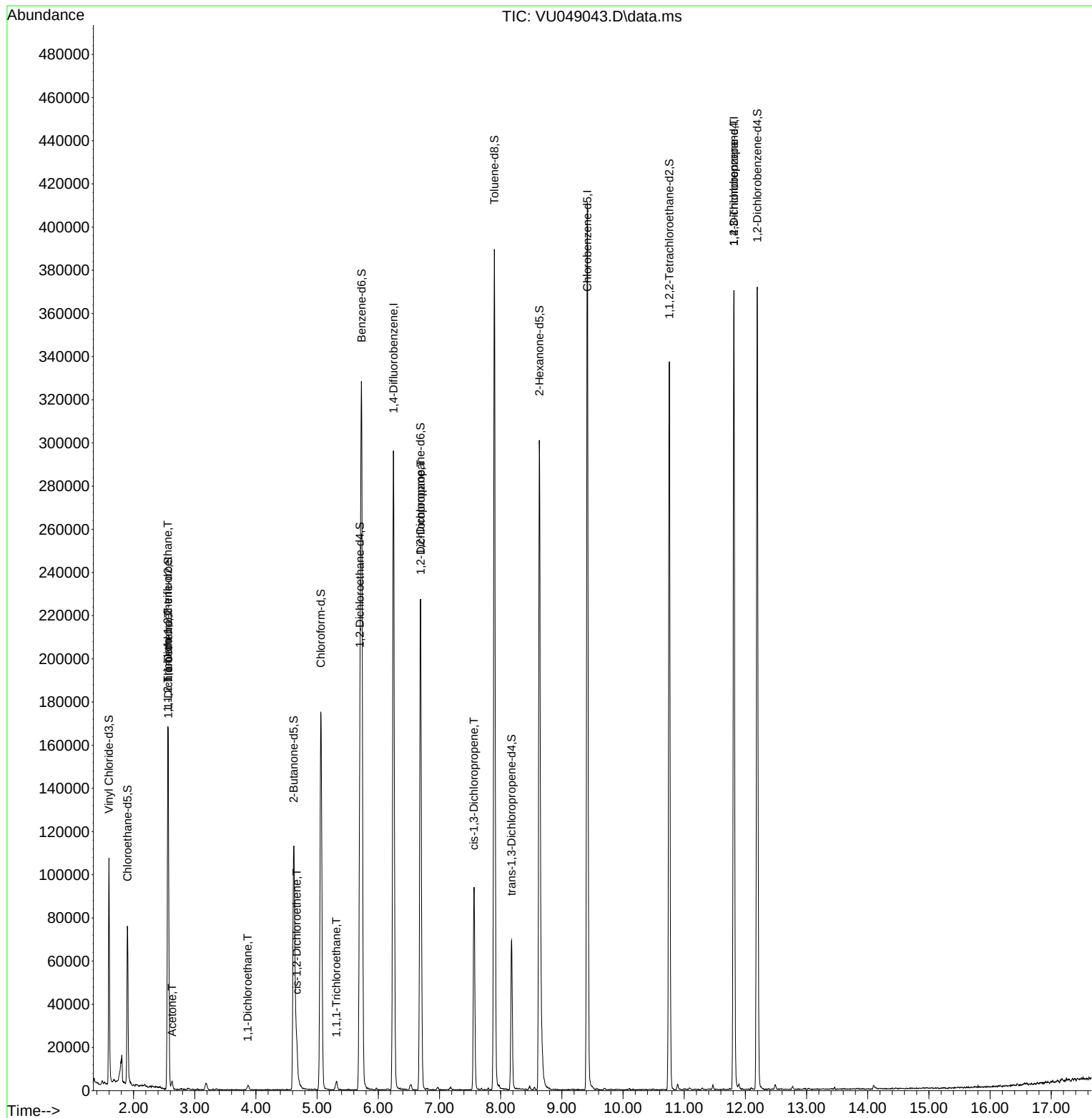
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	241746	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73429	49.305	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.620%	
7) Chloroethane-d5	1.900	69	55683	50.923	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.840%	
11) 1,1-Dichloroethene-d2	2.562	63	102147	36.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.700%	
21) 2-Butanone-d5	4.617	46	164131	100.520	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.520%	
24) Chloroform-d	5.060	84	166564	52.428	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.860%	
26) 1,2-Dichloroethane-d4	5.700	65	113044	54.922	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.840%	
32) Benzene-d6	5.726	84	302599	52.476	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.960%	
36) 1,2-Dichloropropane-d6	6.690	67	107894	55.658	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	111.320%	
41) Toluene-d8	7.896	98	258355	50.802	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	8.179	79	37705	41.344	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.680%	
47) 2-Hexanone-d5	8.632	63	91464	90.150	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.150%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	165657	51.164	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.320%	
66) 1,2-Dichlorobenzene-d4	12.195	152	103010	59.014	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	118.020%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	694	0.408	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1068	0.716	ug/L #	1
13) Acetone	2.630	43	3999	3.112	ug/L	89
19) 1,1-Dichloroethane	3.864	63	2024	0.573	ug/L #	78
20) cis-1,2-Dichloroethene	4.668	96	7818	3.920	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	1800	0.555	ug/L #	47
37) 1,2-Dichloropropane	6.694	63	11750	5.531	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2133	0.682	ug/L #	69
60) 1,2,3-Trichloropropane	11.812	75	11062	4.347	ug/L #	66

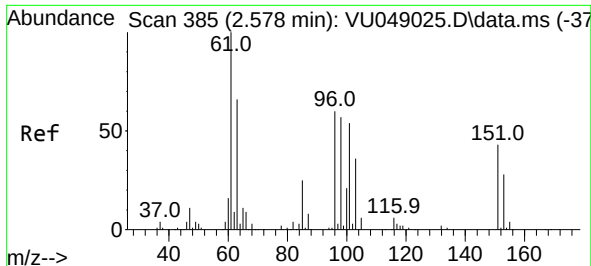
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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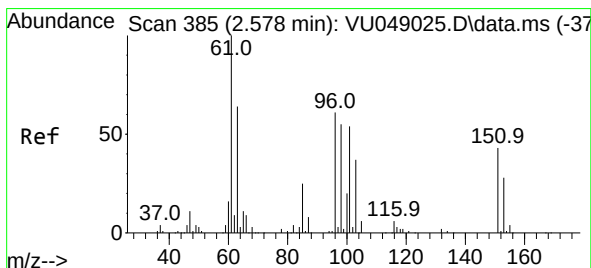
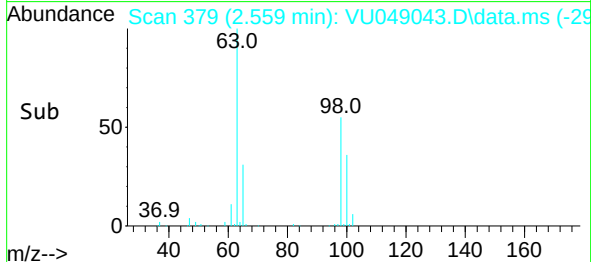
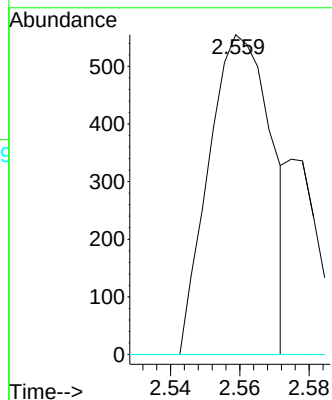
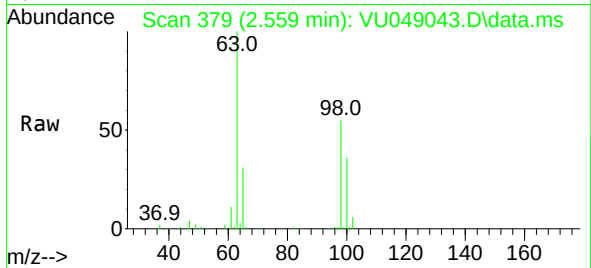




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.408 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU049043.D
 Acq: 11 Jun 2022 09:54

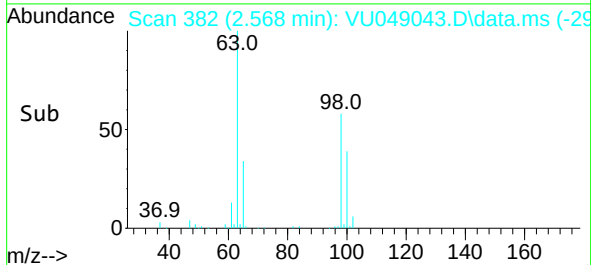
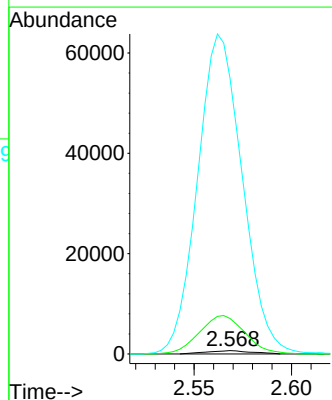
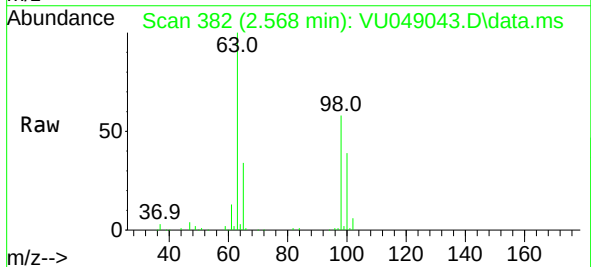
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ3

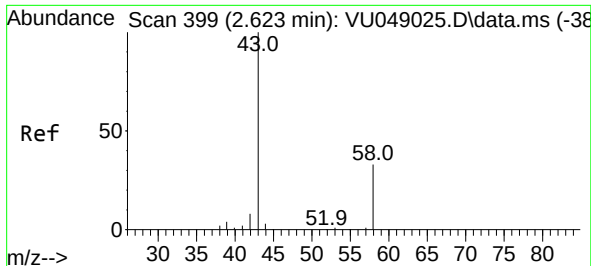
Tgt Ion:101 Resp: 694
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.716 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.009 min
 Lab File: VU049043.D
 Acq: 11 Jun 2022 09:54

Tgt Ion: 96 Resp: 1068
 Ion Ratio Lower Upper
 96 100
 61 1061.7 123.5 229.3#
 63 8261.9 86.0 159.8#





#13

Acetone

Concen: 3.112 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU049043.D

Acq: 11 Jun 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

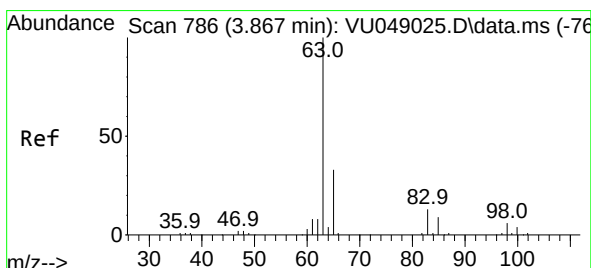
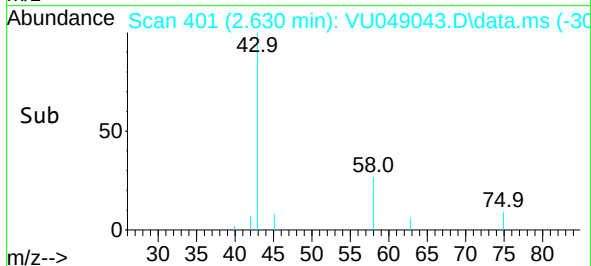
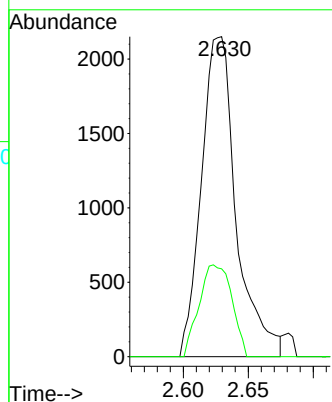
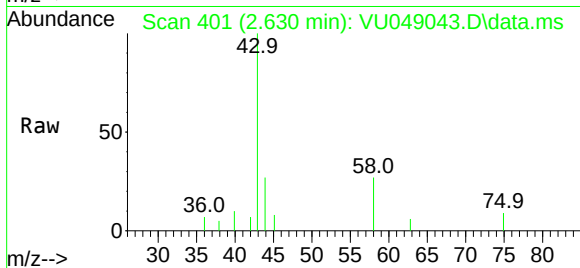
XYZ3

Tgt Ion: 43 Resp: 3999

Ion Ratio Lower Upper

43 100

58 26.9 0.0 66.4



#19

1,1-Dichloroethane

Concen: 0.573 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU049043.D

Acq: 11 Jun 2022 09:54

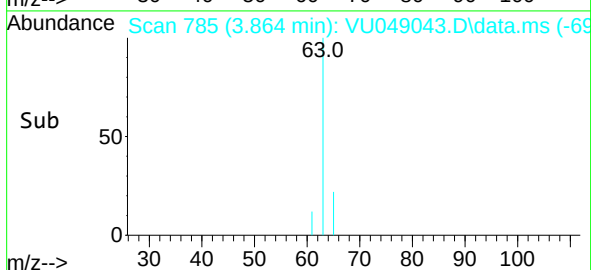
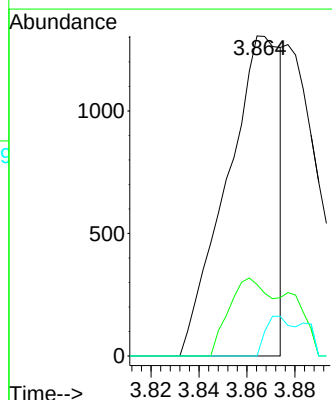
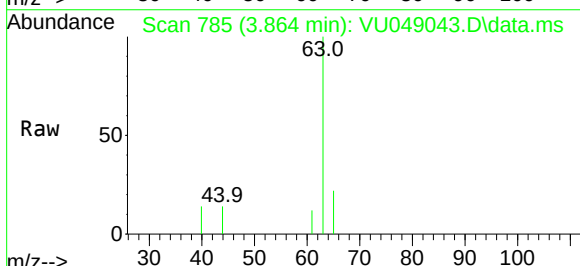
Tgt Ion: 63 Resp: 2024

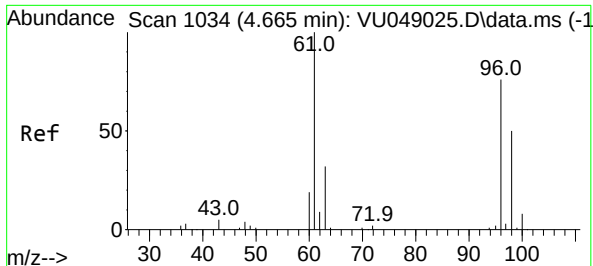
Ion Ratio Lower Upper

63 100

65 22.4 22.3 41.5

83 0.0 9.5 17.7#

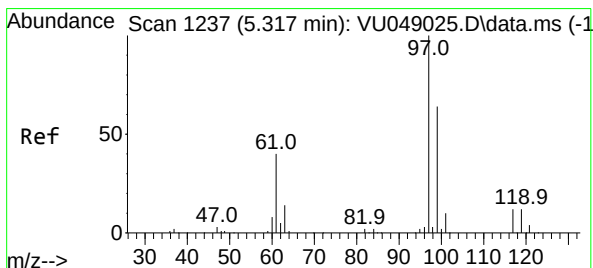
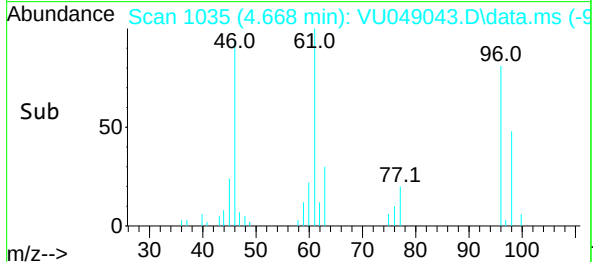
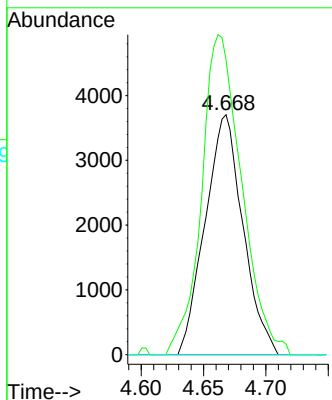
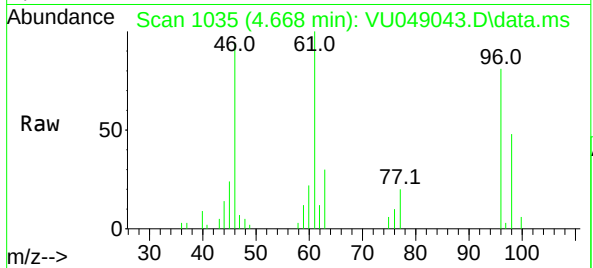




#20
 cis-1,2-Dichloroethene
 Concen: 3.920 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU049043.D
 Acq: 11 Jun 2022 09:54

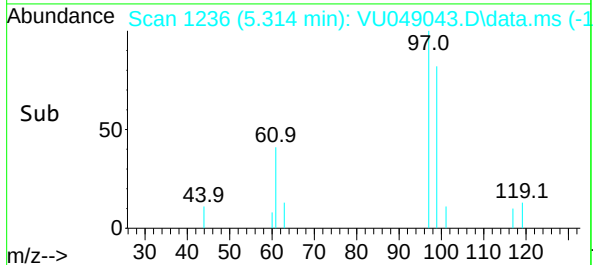
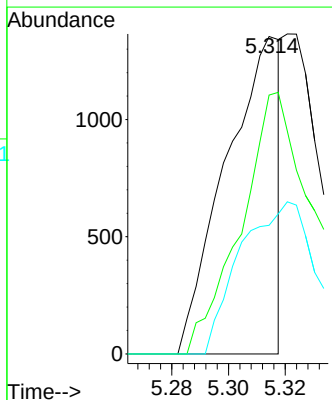
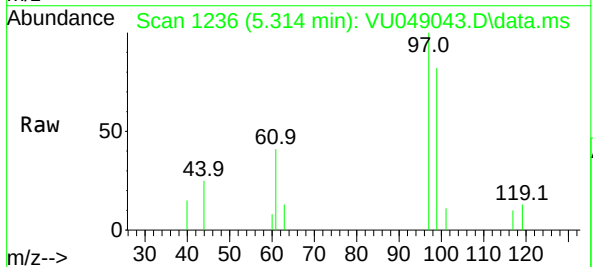
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ3

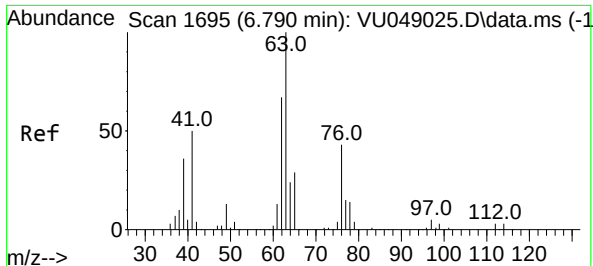
Tgt Ion: 96 Resp: 7818
 Ion Ratio Lower Upper
 96 100
 61 122.8 91.6 170.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.555 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU049043.D
 Acq: 11 Jun 2022 09:54

Tgt Ion: 97 Resp: 1800
 Ion Ratio Lower Upper
 97 100
 99 111.1 50.9 76.3#
 61 69.2 34.2 51.2#





#37

1,2-Dichloropropane

Concen: 5.531 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU049043.D

Acq: 11 Jun 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

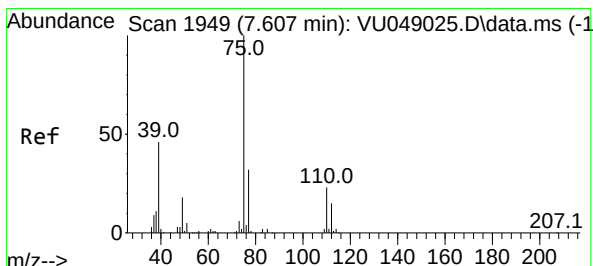
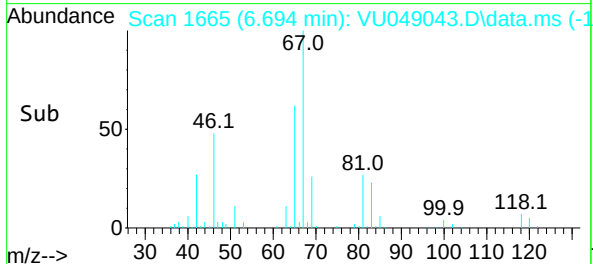
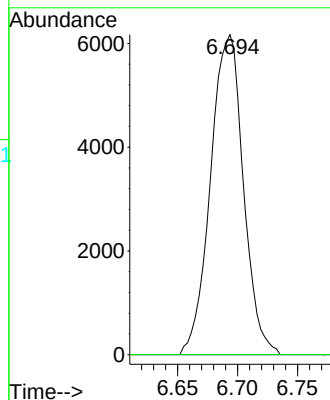
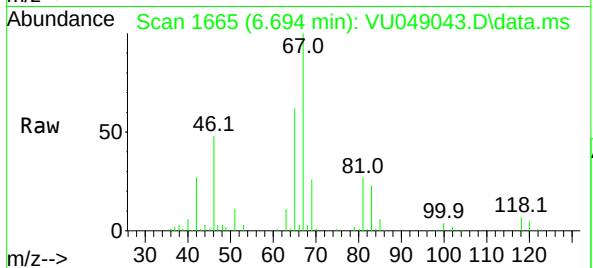
XYZ3

Tgt Ion: 63 Resp: 11750

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049043.D

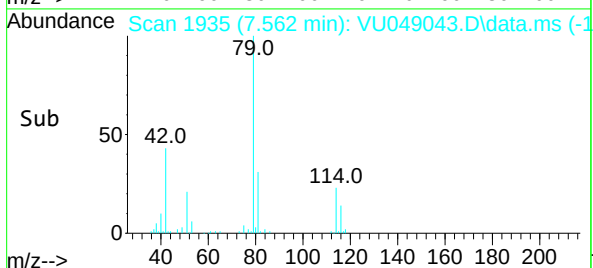
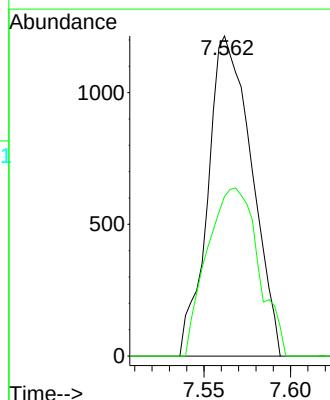
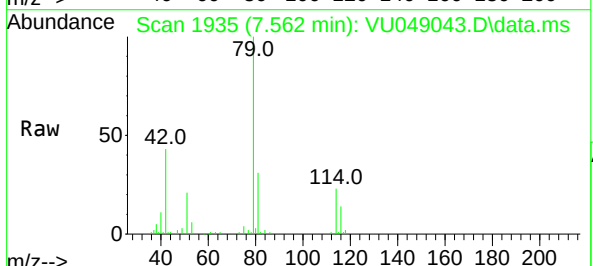
Acq: 11 Jun 2022 09:54

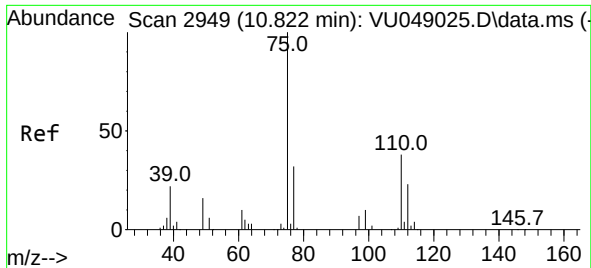
Tgt Ion: 75 Resp: 2133

Ion Ratio Lower Upper

75 100

77 49.9 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.347 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049043.D
 Acq: 11 Jun 2022 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ3

Tgt Ion:	75	Resp:	11062
Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.6	40.0
110	2.9	30.2	45.4#

