

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049745.D
 Acq On : 15 Jul 2022 18:33
 Operator : SY/MD
 Sample : N3698-05ME
 Misc : 4.81g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70ME

Quant Time: Jul 15 23:08:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

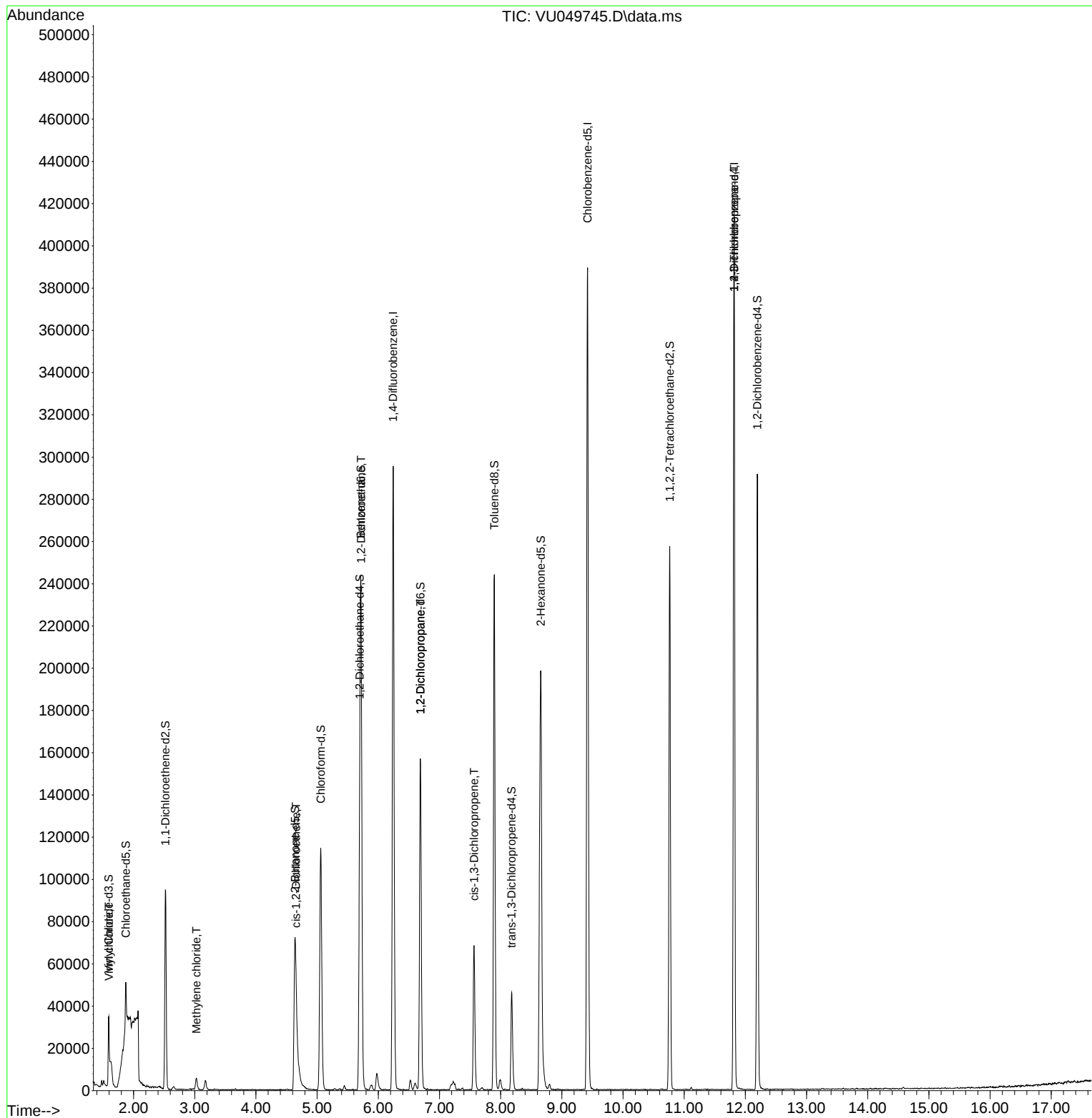
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232402	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	222610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	103033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	42556	21.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	43.400%#
7) Chloroethane-d5	1.874	69	20528	14.483	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	28.960%#
11) 1,1-Dichloroethene-d2	2.520	63	59429	17.158	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	34.320%#
21) 2-Butanone-d5	4.639	46	139042	83.063	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.060%
24) Chloroform-d	5.060	84	109336	31.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.960%#
26) 1,2-Dichloroethane-d4	5.697	65	81715	34.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.520%#
32) Benzene-d6	5.716	84	192318	28.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.880%#
36) 1,2-Dichloropropane-d6	6.687	67	76129	33.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.940%#
41) Toluene-d8	7.896	98	160687	27.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.560%#
43) trans-1,3-Dichloroprop...	8.179	79	29264	30.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.060%
47) 2-Hexanone-d5	8.655	63	88375	86.369	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.370%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	130335	40.949	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	71809	36.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.920%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.597	62	1450	0.525	ug/L #	52
16) Methylene chloride	3.028	84	2375	1.135	ug/L	88
20) cis-1,2-Dichloroethene	4.655	96	3292	1.611	ug/L	80
27) 1,2-Dichloroethane	5.719	62	1278	0.396	ug/L #	76
37) 1,2-Dichloropropane	6.687	63	9176	3.956	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2064	0.660	ug/L #	59
60) 1,2,3-Trichloropropane	11.816	75	14610	5.324	ug/L #	69

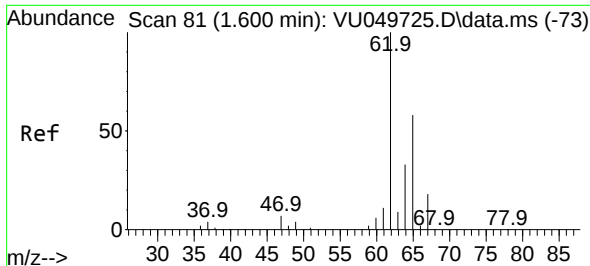
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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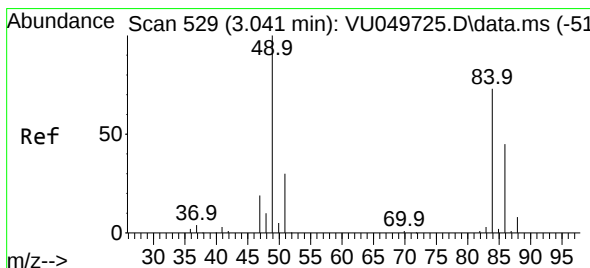
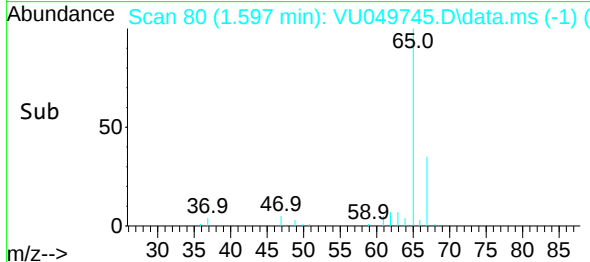
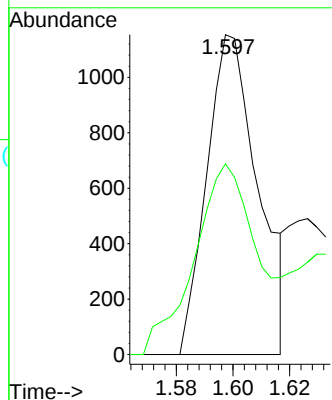
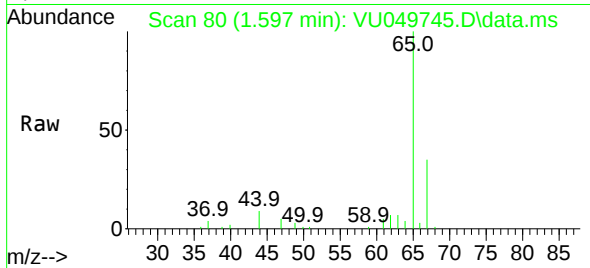




#5
 Vinyl chloride
 Concen: 0.525 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VU049745.D
 Acq: 15 Jul 2022 18:33

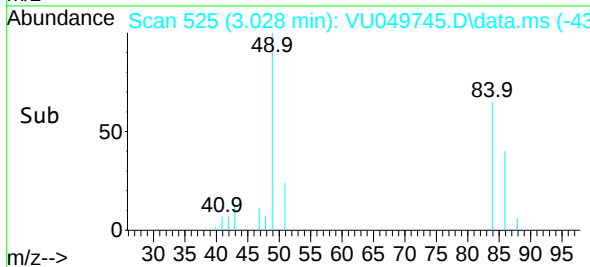
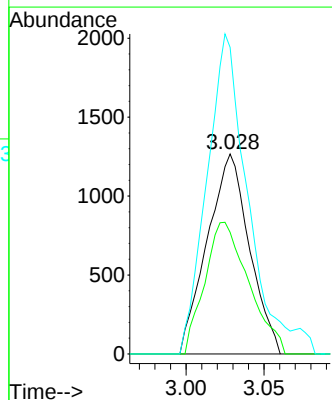
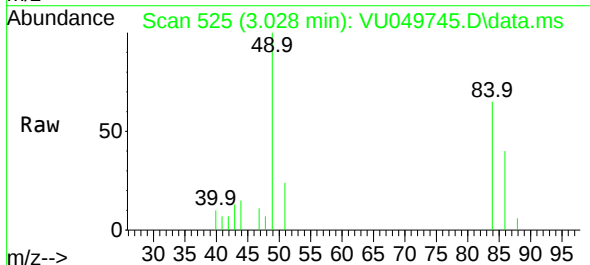
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70ME

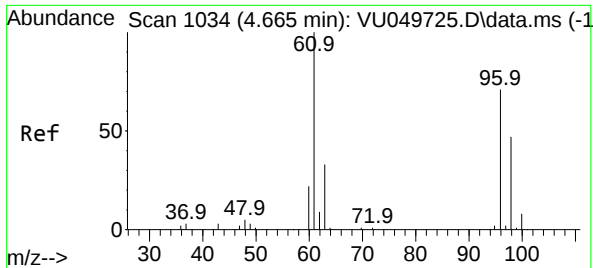
Tgt Ion: 62 Resp: 1450
 Ion Ratio Lower Upper
 62 100
 64 59.6 23.0 42.6#



#16
 Methylene chloride
 Concen: 1.135 ug/L
 RT: 3.028 min Scan# 525
 Delta R.T. -0.013 min
 Lab File: VU049745.D
 Acq: 15 Jul 2022 18:33

Tgt Ion: 84 Resp: 2375
 Ion Ratio Lower Upper
 84 100
 86 60.8 45.6 84.6
 49 153.3 94.4 175.4

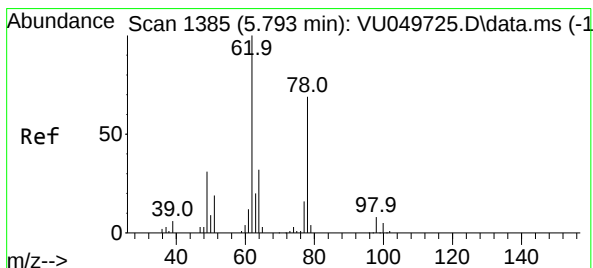
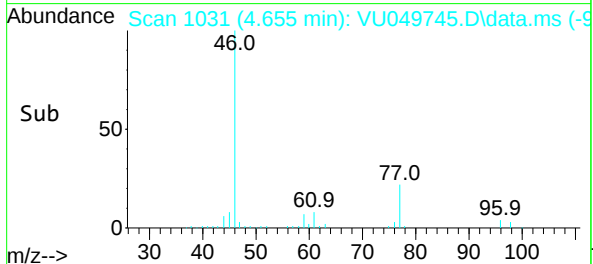
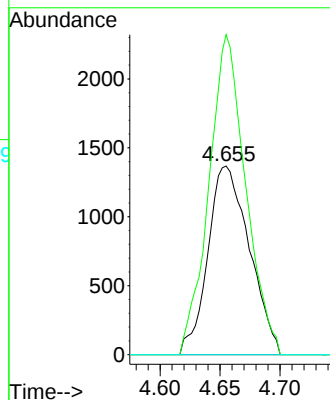
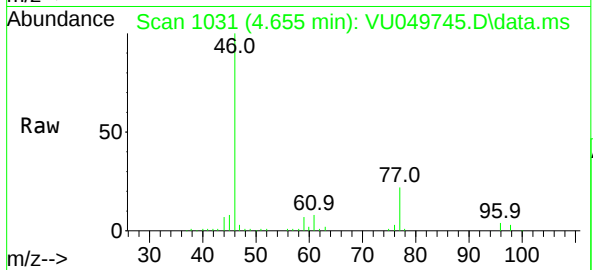




#20
 cis-1,2-Dichloroethene
 Concen: 1.611 ug/L
 RT: 4.655 min Scan# 1031
 Delta R.T. -0.010 min
 Lab File: VU049745.D
 Acq: 15 Jul 2022 18:33

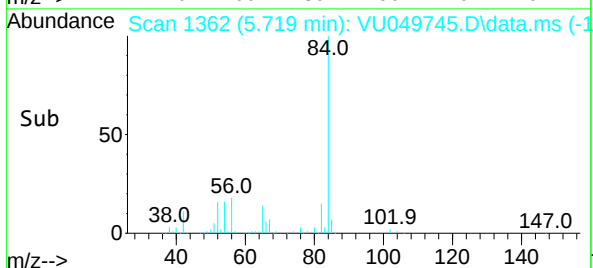
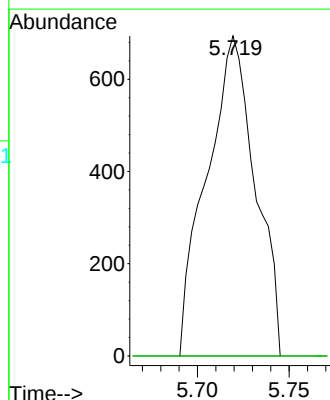
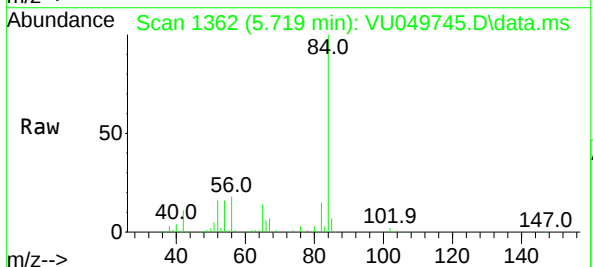
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70ME

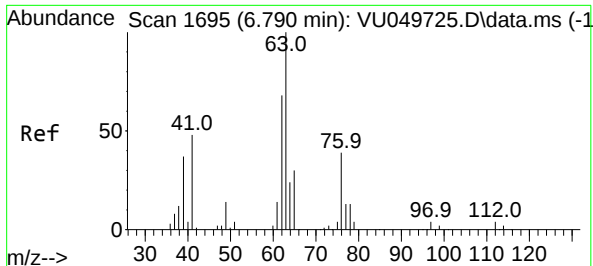
Tgt Ion: 96 Resp: 3292
 Ion Ratio Lower Upper
 96 100
 61 169.7 101.1 187.7
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.396 ug/L
 RT: 5.719 min Scan# 1362
 Delta R.T. -0.074 min
 Lab File: VU049745.D
 Acq: 15 Jul 2022 18:33

Tgt Ion: 62 Resp: 1278
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#





#37

1,2-Dichloropropane

Concen: 3.956 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049745.D

Acq: 15 Jul 2022 18:33

Instrument :

MSVOA_U

ClientSampleId :

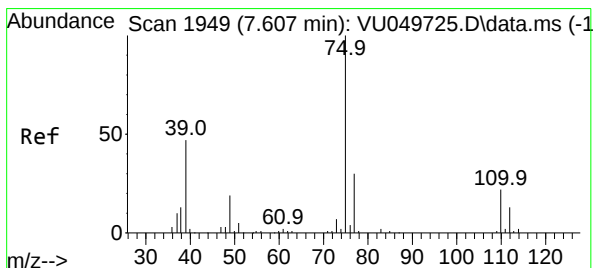
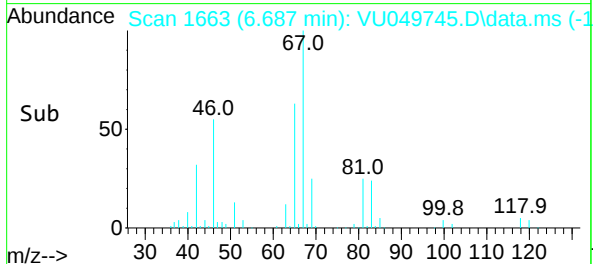
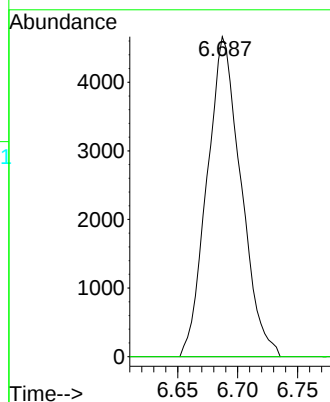
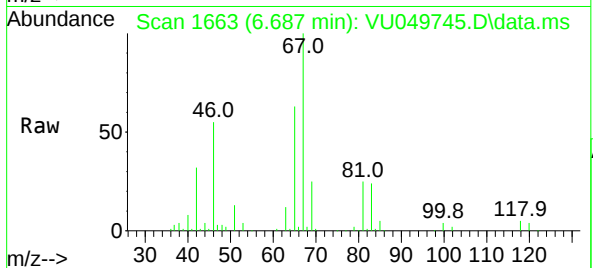
F5B70ME

Tgt Ion: 63 Resp: 9176

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049745.D

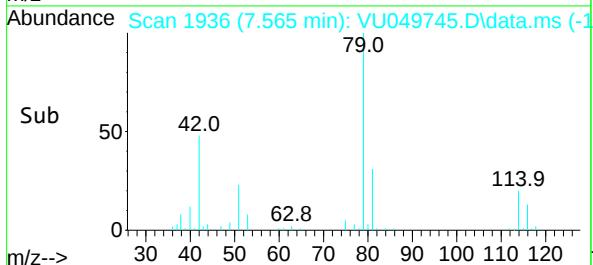
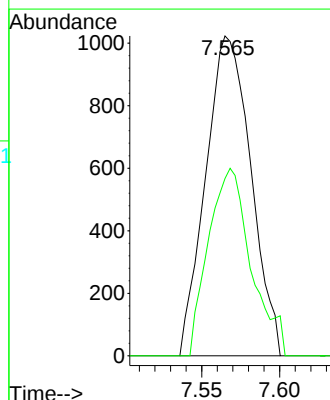
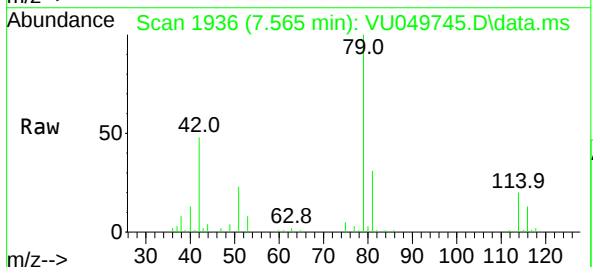
Acq: 15 Jul 2022 18:33

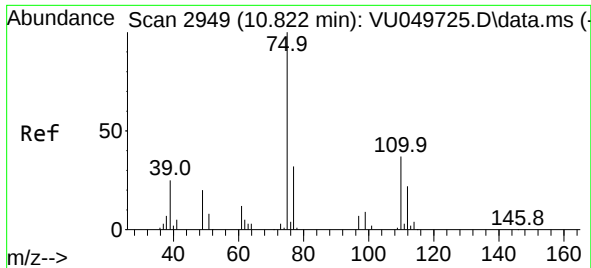
Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

77 55.4 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.324 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049745.D
 Acq: 15 Jul 2022 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B70ME

Tgt Ion: 75 Resp: 14610
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.5 38.3
 110 3.0 28.9 43.3#

