

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049732.D
 Acq On : 15 Jul 2022 13:27
 Operator : SY/MD
 Sample : N3748-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E7

Quant Time: Jul 15 23:05:53 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)

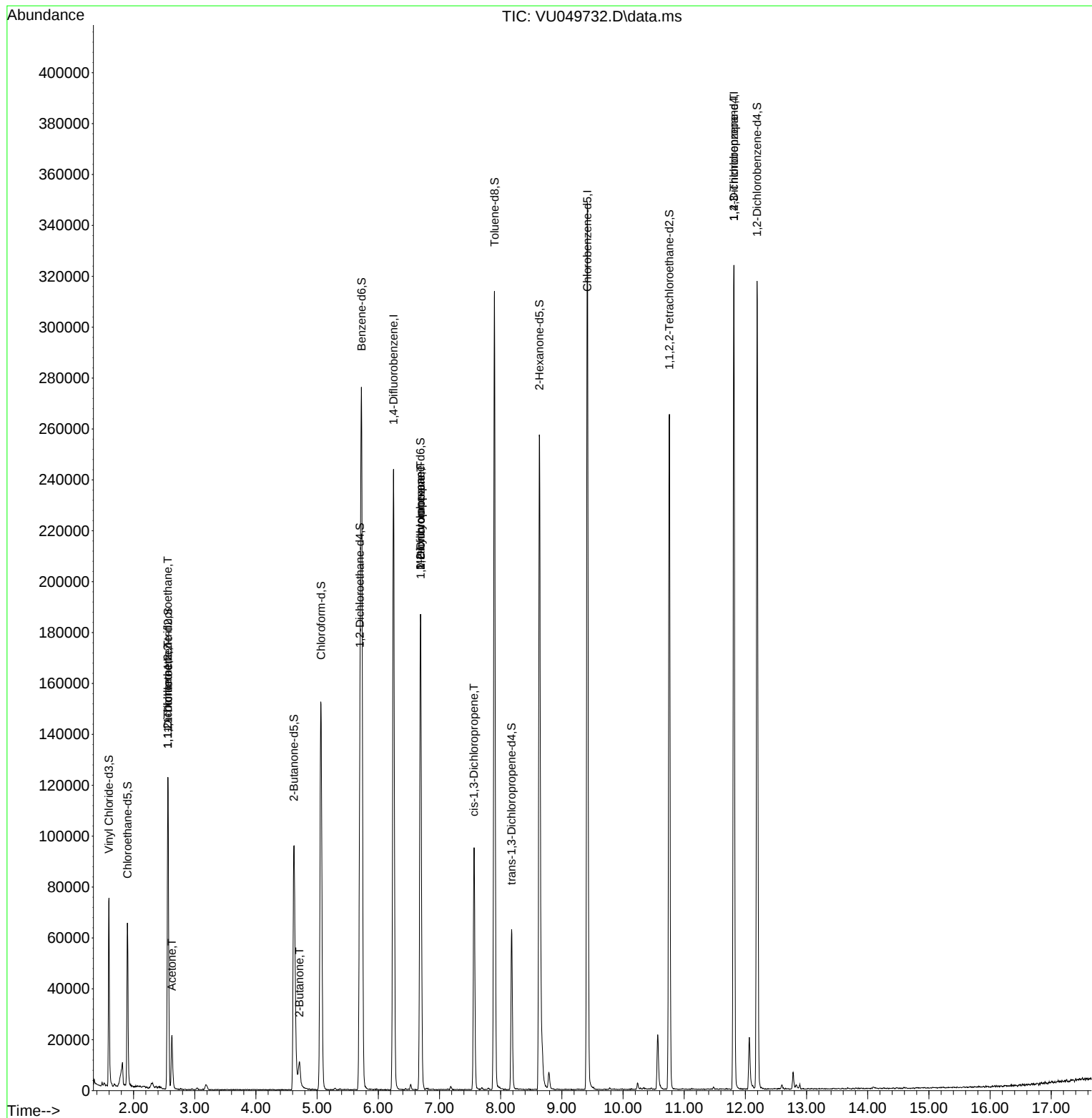
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185698	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	178877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52896	33.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.520%
7) Chloroethane-d5	1.900	69	46368	40.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.880%
11) 1,1-Dichloroethene-d2	2.562	63	75124	27.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.280%#
21) 2-Butanone-d5	4.620	46	144352	107.923	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.920%
24) Chloroform-d	5.063	84	128767	46.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	93631	49.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	5.726	84	235935	43.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	6.690	67	88339	48.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.660%
41) Toluene-d8	7.899	98	197907	41.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.640%
43) trans-1,3-Dichloroprop...	8.179	79	33656	43.703	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.400%
47) 2-Hexanone-d5	8.632	63	78402	95.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.350%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129653	50.694	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	75958	50.240	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	535	0.374	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	486	0.366	ug/L #	1
13) Acetone	2.626	43	23150	18.212	ug/L	98
22) 2-Butanone	4.710	43	14875	8.740	ug/L	96
35) Methylcyclohexane	6.690	83	19978	7.822	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	10119	5.430	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2694	1.072	ug/L #	71
60) 1,2,3-Trichloropropane	11.812	75	11367	5.322	ug/L #	68

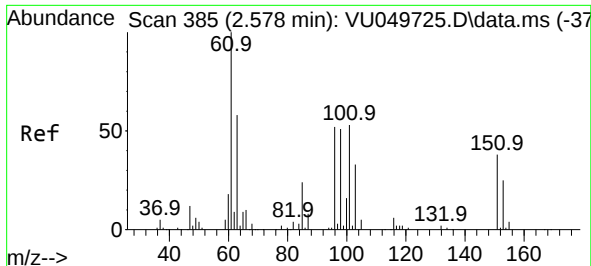
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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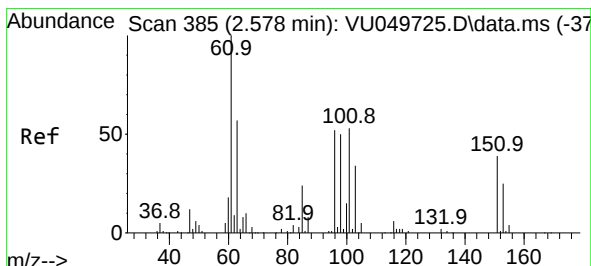
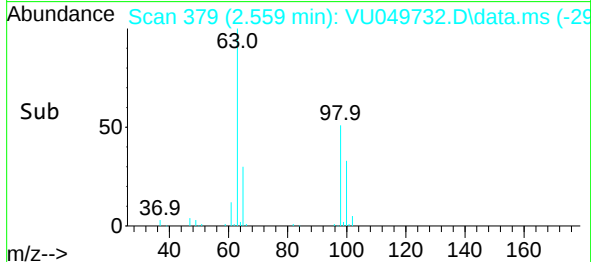
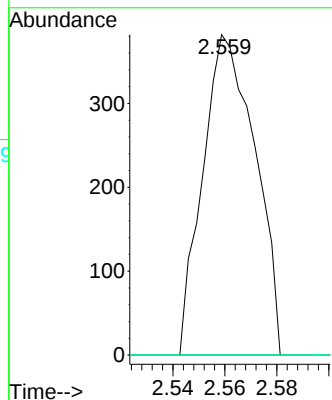
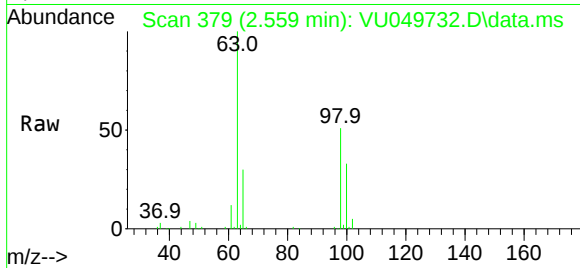




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.374 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU049732.D
 Acq: 15 Jul 2022 13:27

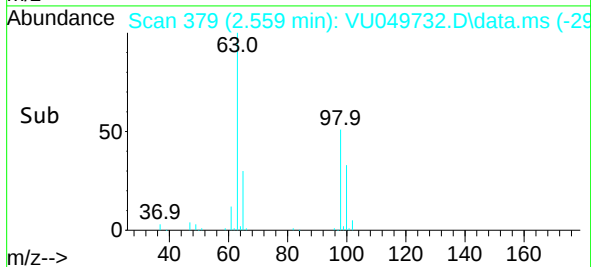
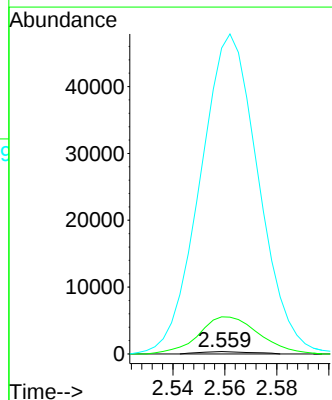
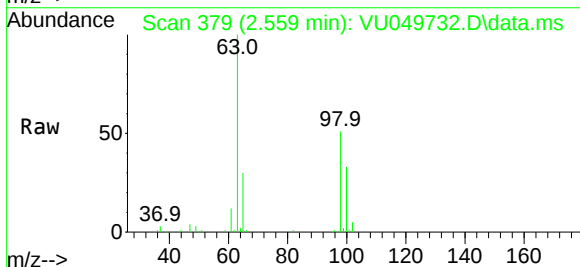
Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E7

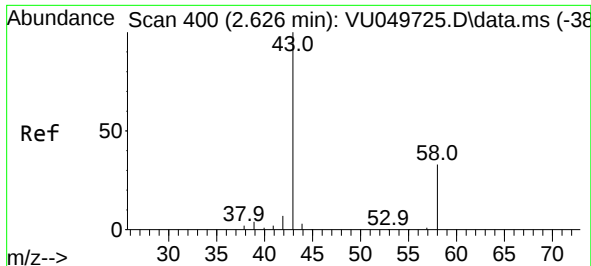
Tgt Ion:101 Resp: 535
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.366 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU049732.D
 Acq: 15 Jul 2022 13:27

Tgt Ion: 96 Resp: 486
 Ion Ratio Lower Upper
 96 100
 61 1584.3 129.6 240.6#
 63 13078.9 79.0 146.6#





#13

Acetone

Concen: 18.212 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU049732.D

Acq: 15 Jul 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

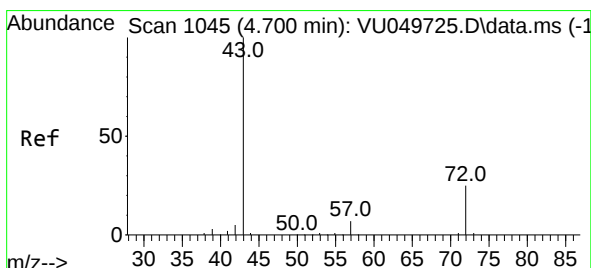
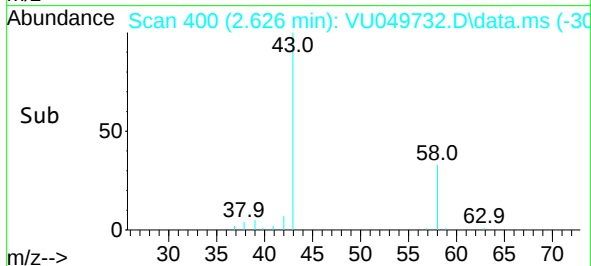
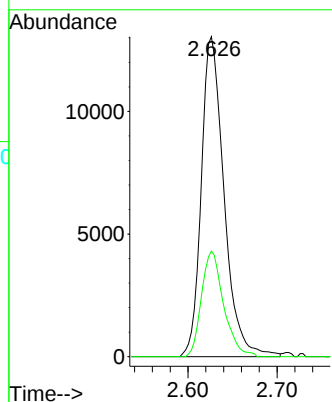
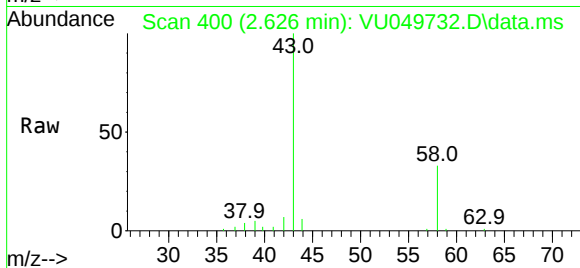
BH0E7

Tgt Ion: 43 Resp: 23150

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.4



#22

2-Butanone

Concen: 8.740 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU049732.D

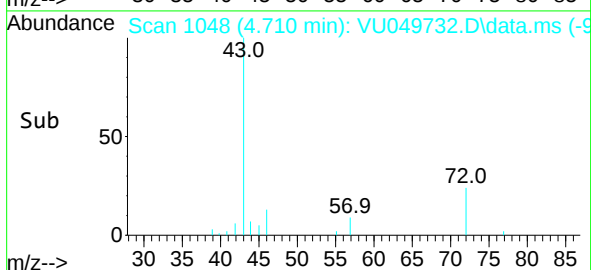
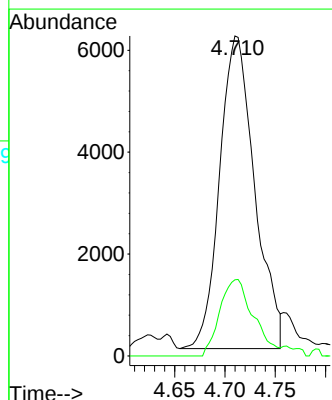
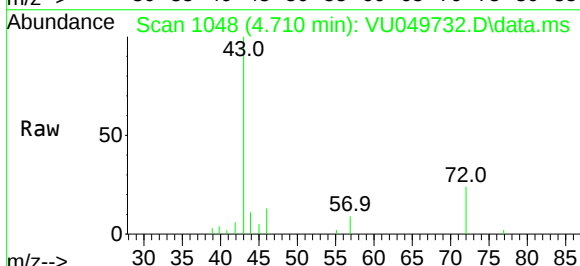
Acq: 15 Jul 2022 13:27

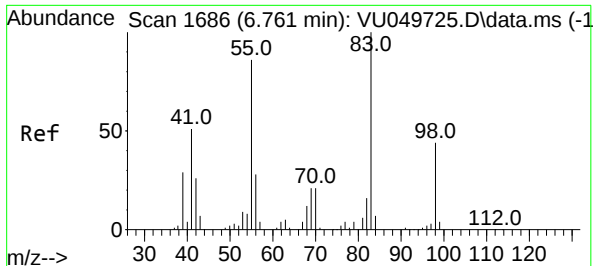
Tgt Ion: 43 Resp: 14875

Ion Ratio Lower Upper

43 100

72 23.5 12.7 38.0

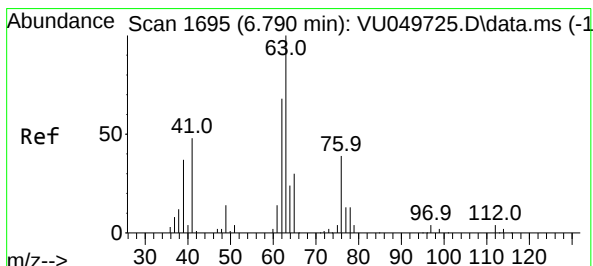
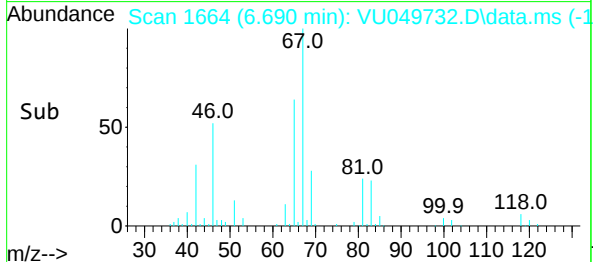
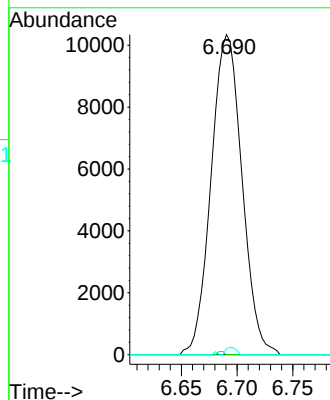
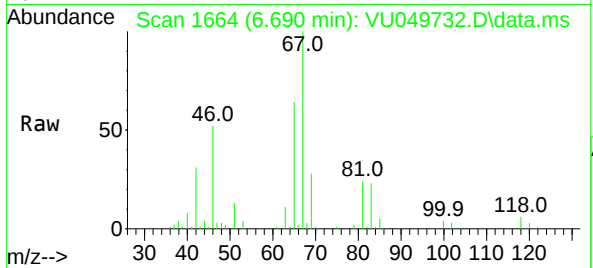




#35
Methylcyclohexane
Concen: 7.822 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049732.D
Acq: 15 Jul 2022 13:27

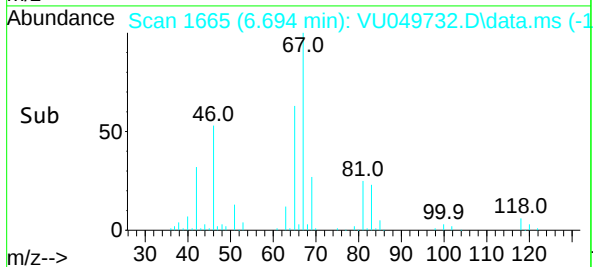
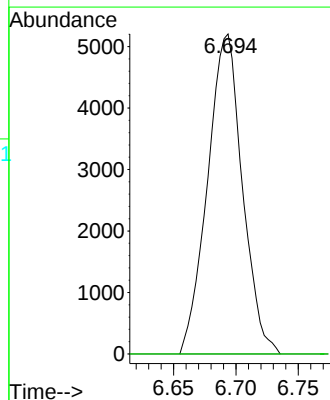
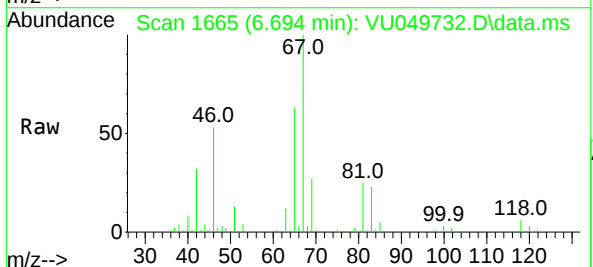
Instrument :
MSVOA_U
ClientSampleId :
BH0E7

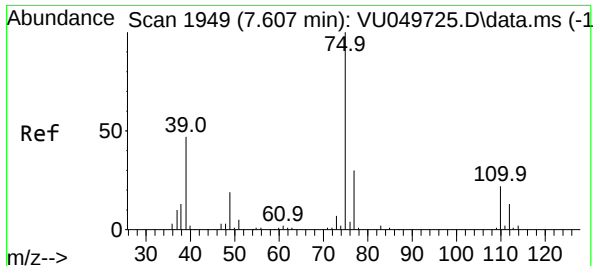
Tgt Ion: 83 Resp: 19978
Ion Ratio Lower Upper
83 100
55 0.2 66.0 99.0#
98 0.7 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.430 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU049732.D
Acq: 15 Jul 2022 13:27

Tgt Ion: 63 Resp: 10119
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.072 ug/L

RT: 7.562 min Scan# 11

Delta R.T. -0.045 min

Lab File: VU049732.D

Acq: 15 Jul 2022 13:27

Instrument :

MSVOA_U

ClientSampleId :

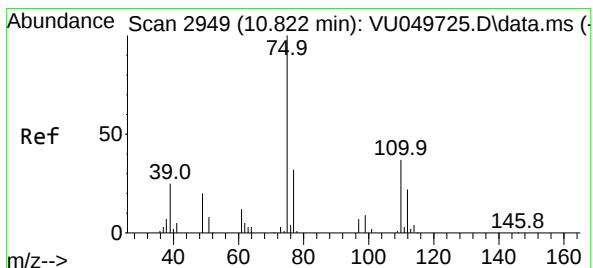
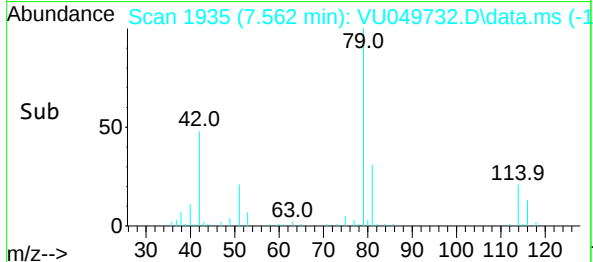
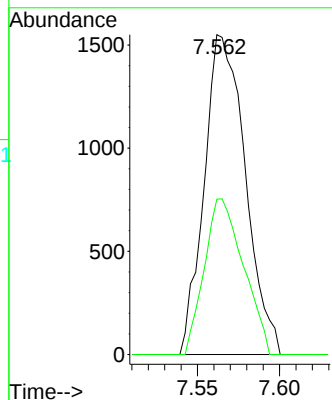
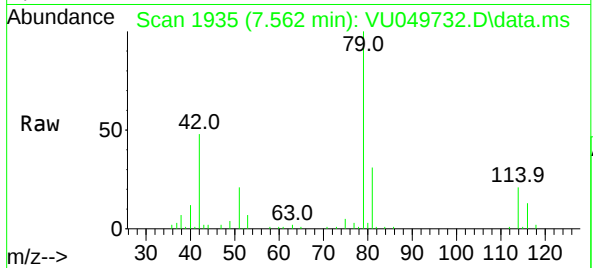
BH0E7

Tgt Ion: 75 Resp: 2694

Ion Ratio Lower Upper

75 100

77 48.6 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 5.322 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU049732.D

Acq: 15 Jul 2022 13:27

Tgt Ion: 75 Resp: 11367

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

110 1.6 28.9 43.3#

