

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049730.D
 Acq On : 15 Jul 2022 12:31
 Operator : SY/MD
 Sample : N3698-01ME
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5B66ME

Quant Time: Jul 15 23:05:22 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)

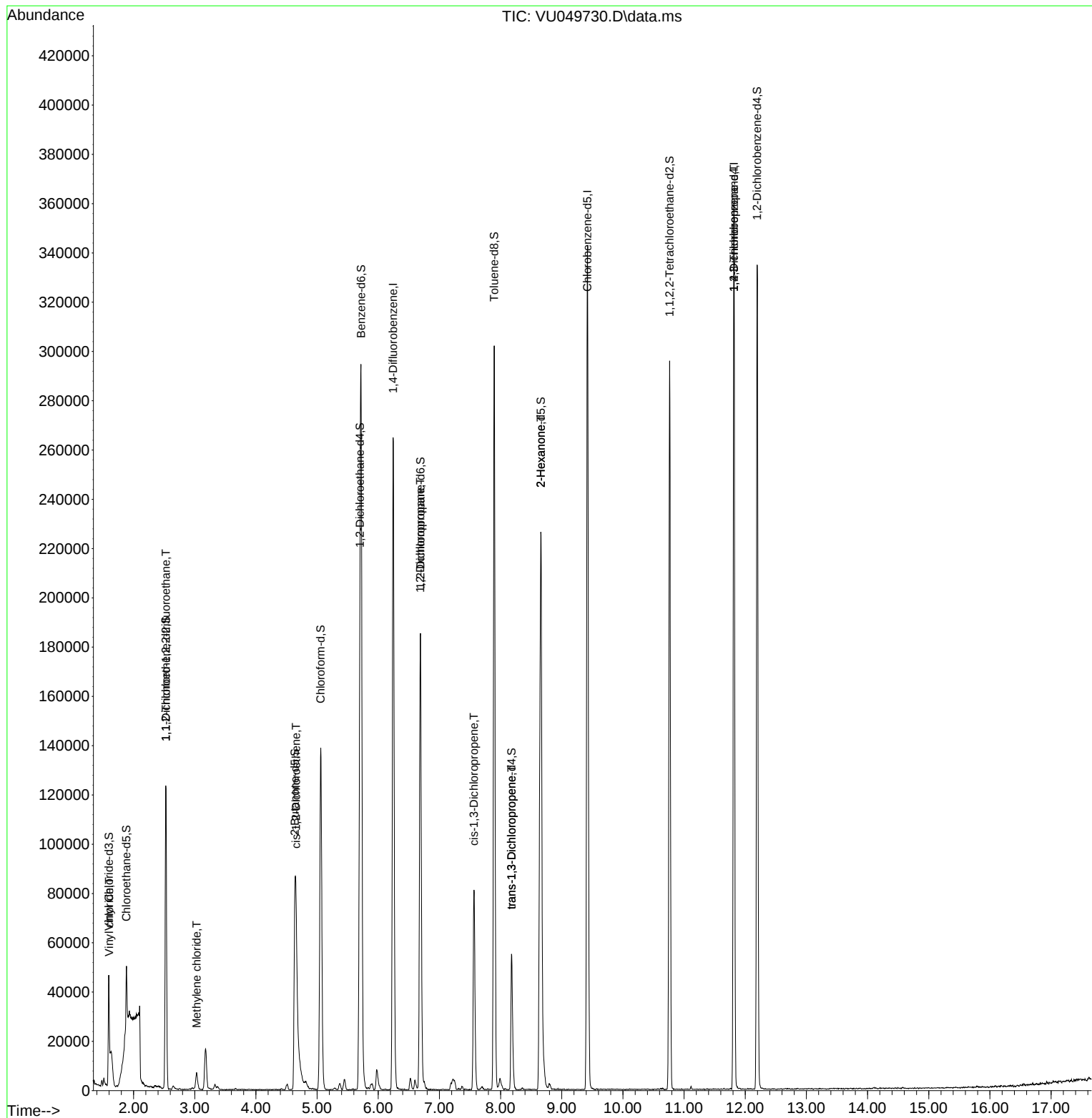
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	207012	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	200093	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	87892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	33235	19.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.060%#
7) Chloroethane-d5	1.883	69	22425	17.762	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.520%#
11) 1,1-Dichloroethene-d2	2.527	63	76073	24.657	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.320%#
21) 2-Butanone-d5	4.639	46	162537	109.008	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.010%
24) Chloroform-d	5.060	84	134003	43.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	5.700	65	94093	44.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
32) Benzene-d6	5.719	84	234389	38.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.120%
36) 1,2-Dichloropropane-d6	6.690	67	92496	45.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.896	98	198642	37.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.040%#
43) trans-1,3-Dichloroprop...	8.179	79	34920	40.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.080%
47) 2-Hexanone-d5	8.658	63	100110	108.847	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.850%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	147492	51.555	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	81738	49.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	3506	1.425	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	613	0.384	ug/L #	20
16) Methylene chloride	3.031	84	3010	1.615	ug/L	91
20) cis-1,2-Dichloroethene	4.655	96	11706	6.433	ug/L	90
37) 1,2-Dichloropropane	6.687	63	10318	4.949	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2521	0.897	ug/L #	50
44) trans-1,3-Dichloropropene	8.179	75	1719	0.651	ug/L	88
48) 2-Hexanone	8.658	43	16186	6.002	ug/L #	43
60) 1,2,3-Trichloropropane	11.816	75	12275	5.243	ug/L #	67

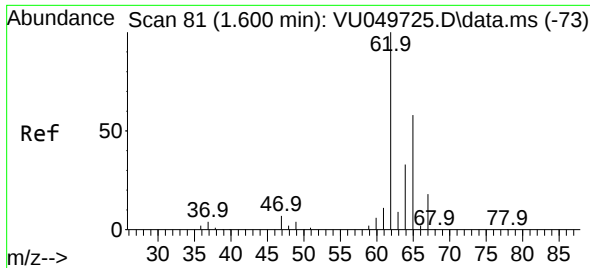
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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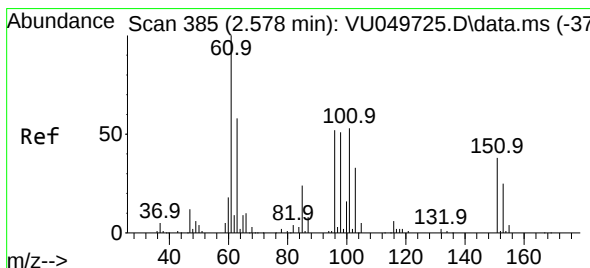
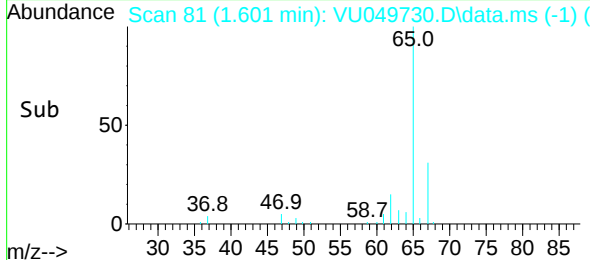
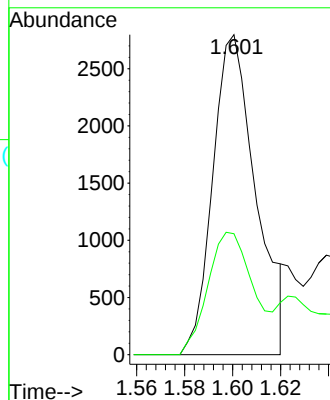
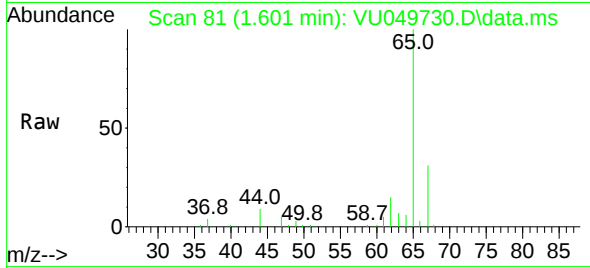




#5
 Vinyl chloride
 Concen: 1.425 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049730.D
 Acq: 15 Jul 2022 12:31

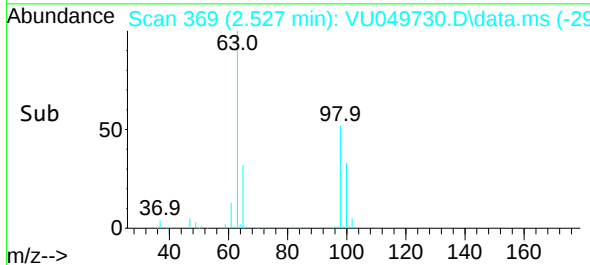
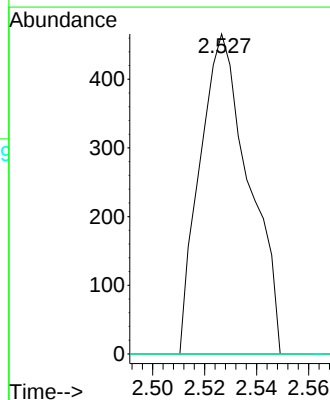
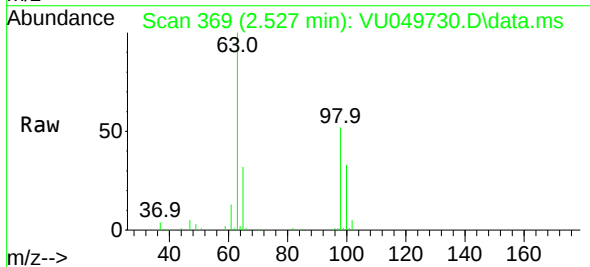
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B66ME

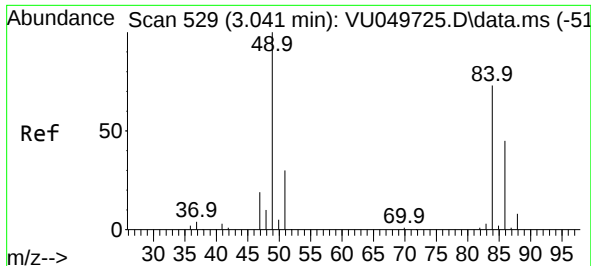
Tgt Ion: 62 Resp: 3506
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.0 42.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.384 ug/L
 RT: 2.527 min Scan# 369
 Delta R.T. -0.051 min
 Lab File: VU049730.D
 Acq: 15 Jul 2022 12:31

Tgt Ion: 101 Resp: 613
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#

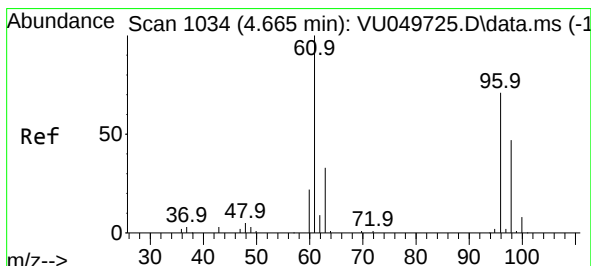
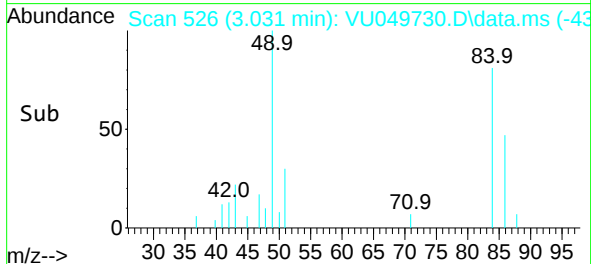
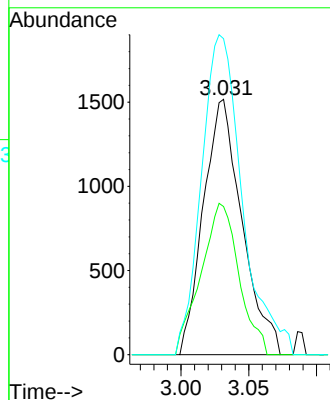
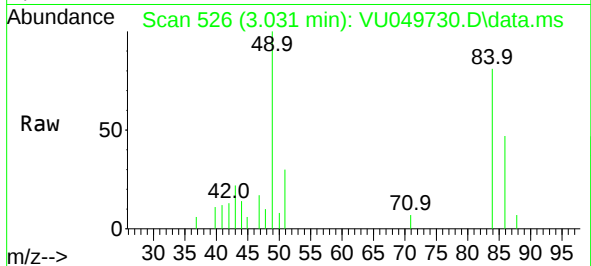




#16
Methylene chloride
Concen: 1.615 ug/L
RT: 3.031 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU049730.D
Acq: 15 Jul 2022 12:31

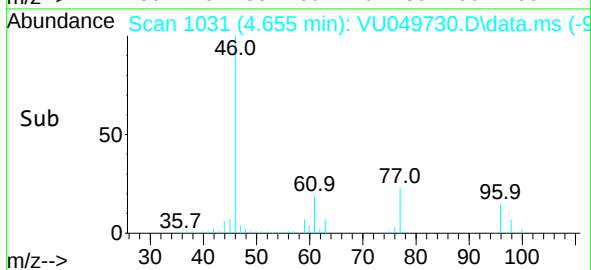
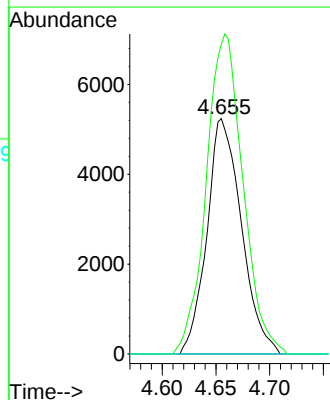
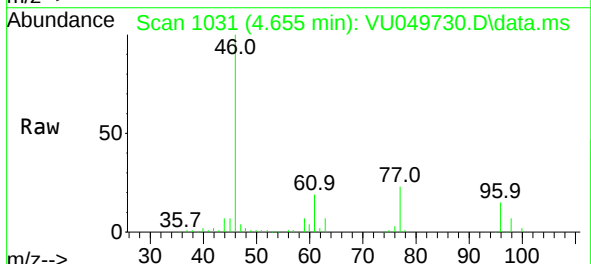
Instrument :
MSVOA_U
ClientSampleId :
F5B66ME

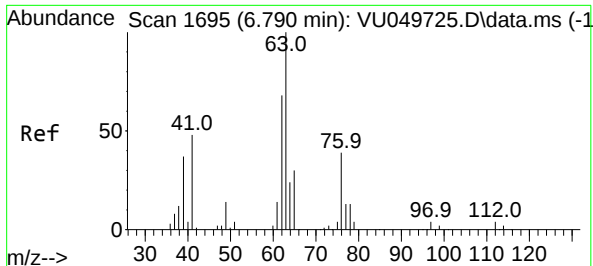
Tgt Ion: 84 Resp: 3010
Ion Ratio Lower Upper
84 100
86 58.0 45.6 84.6
49 123.7 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 6.433 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049730.D
Acq: 15 Jul 2022 12:31

Tgt Ion: 96 Resp: 11706
Ion Ratio Lower Upper
96 100
61 131.7 101.1 187.7
68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 4.949 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049730.D

Acq: 15 Jul 2022 12:31

Instrument :

MSVOA_U

ClientSampleId :

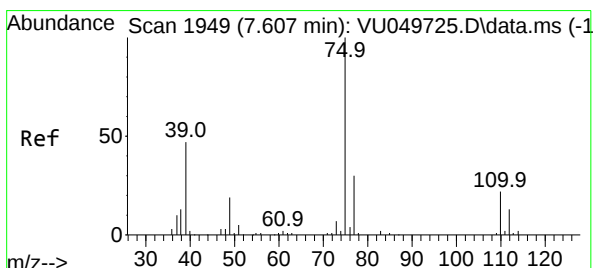
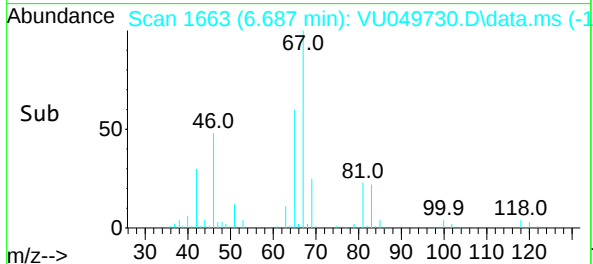
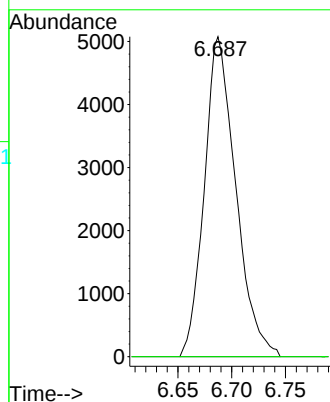
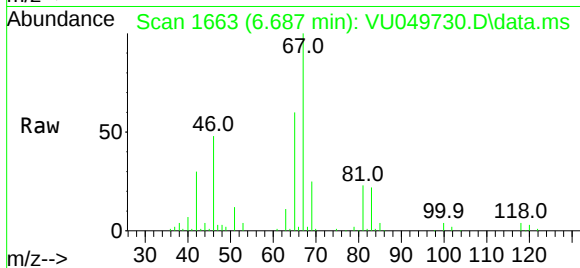
F5B66ME

Tgt Ion: 63 Resp: 10318

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049730.D

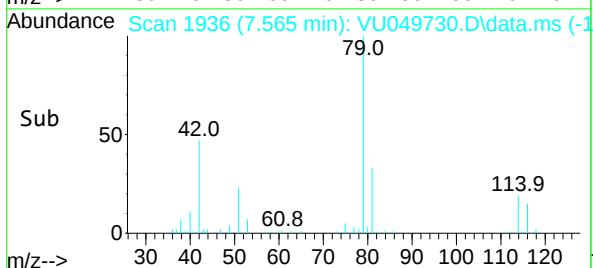
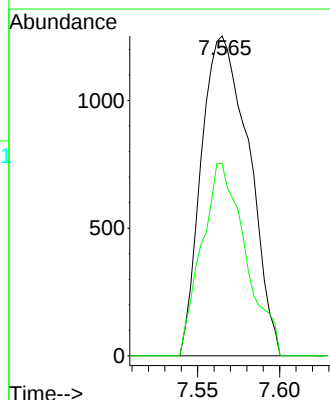
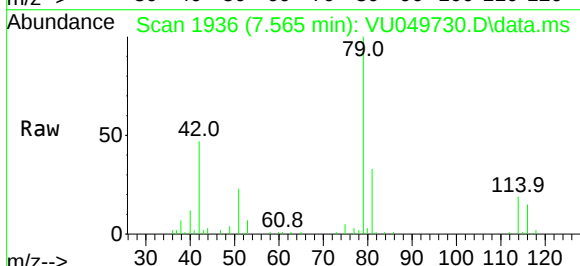
Acq: 15 Jul 2022 12:31

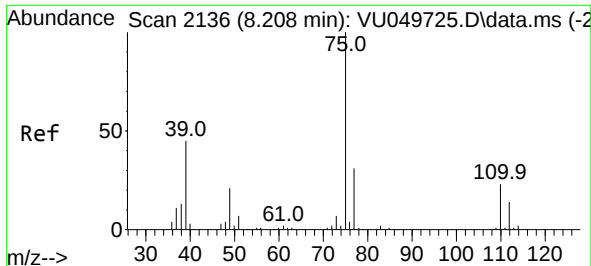
Tgt Ion: 75 Resp: 2521

Ion Ratio Lower Upper

75 100

77 60.1 22.6 42.0#

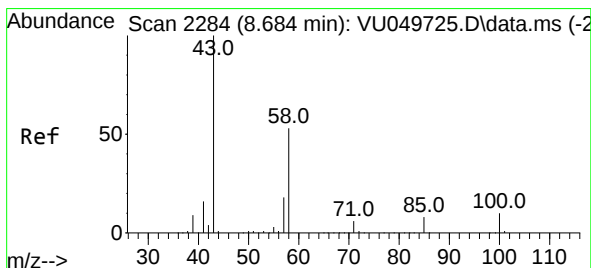
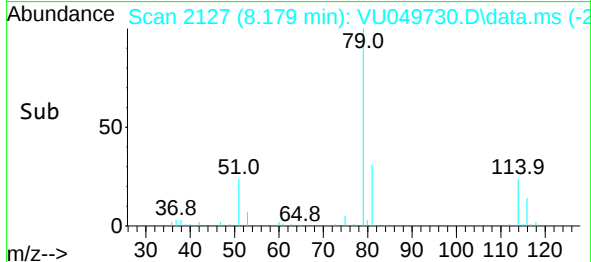
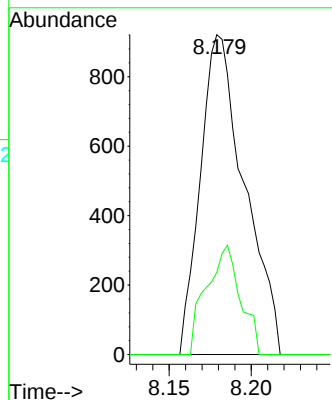
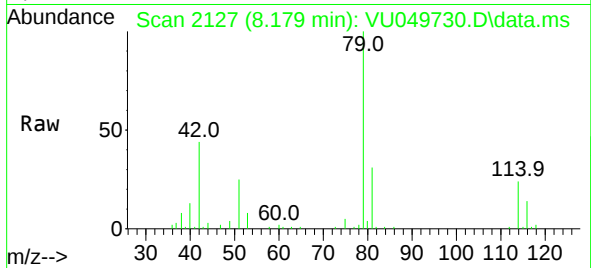




#44
trans-1,3-Dichloropropene
Concen: 0.651 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU049730.D
Acq: 15 Jul 2022 12:31

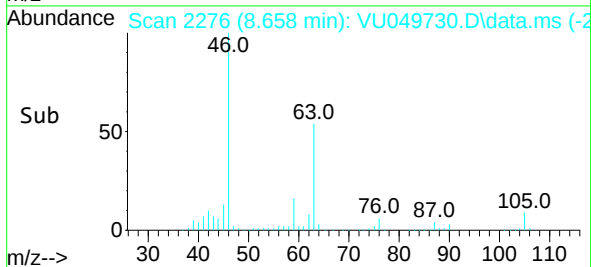
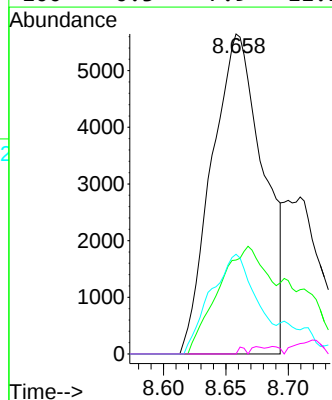
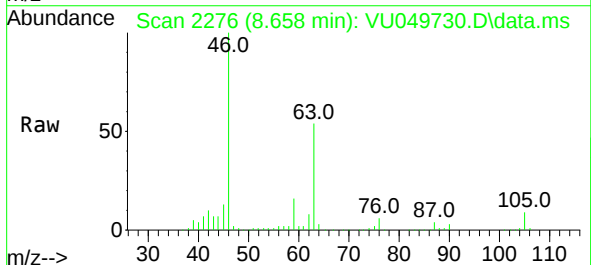
Instrument :
MSVOA_U
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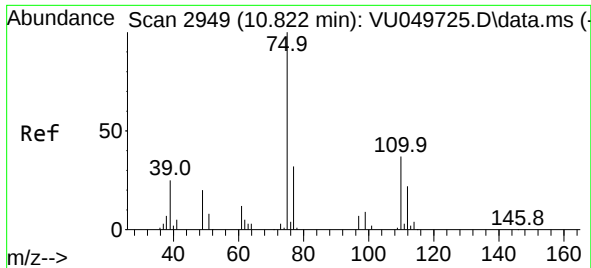
Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
77 25.7 22.5 41.9



#48
2-Hexanone
Concen: 6.002 ug/L
RT: 8.658 min Scan# 2276
Delta R.T. -0.026 min
Lab File: VU049730.D
Acq: 15 Jul 2022 12:31

Tgt Ion: 43 Resp: 16186
Ion Ratio Lower Upper
43 100
58 0.0 42.6 64.0#
57 28.0 15.0 22.6#
100 0.3 7.9 11.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.243 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049730.D
 Acq: 15 Jul 2022 12:31

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75	Resp:	12275
Ion Ratio	Lower	Upper
75	100	
77	33.9	25.5 38.3
110	1.5	28.9 43.3#

