

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049789.D
 Acq On : 19 Jul 2022 16:50
 Operator : SY/MD
 Sample : N3722-02ME
 Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

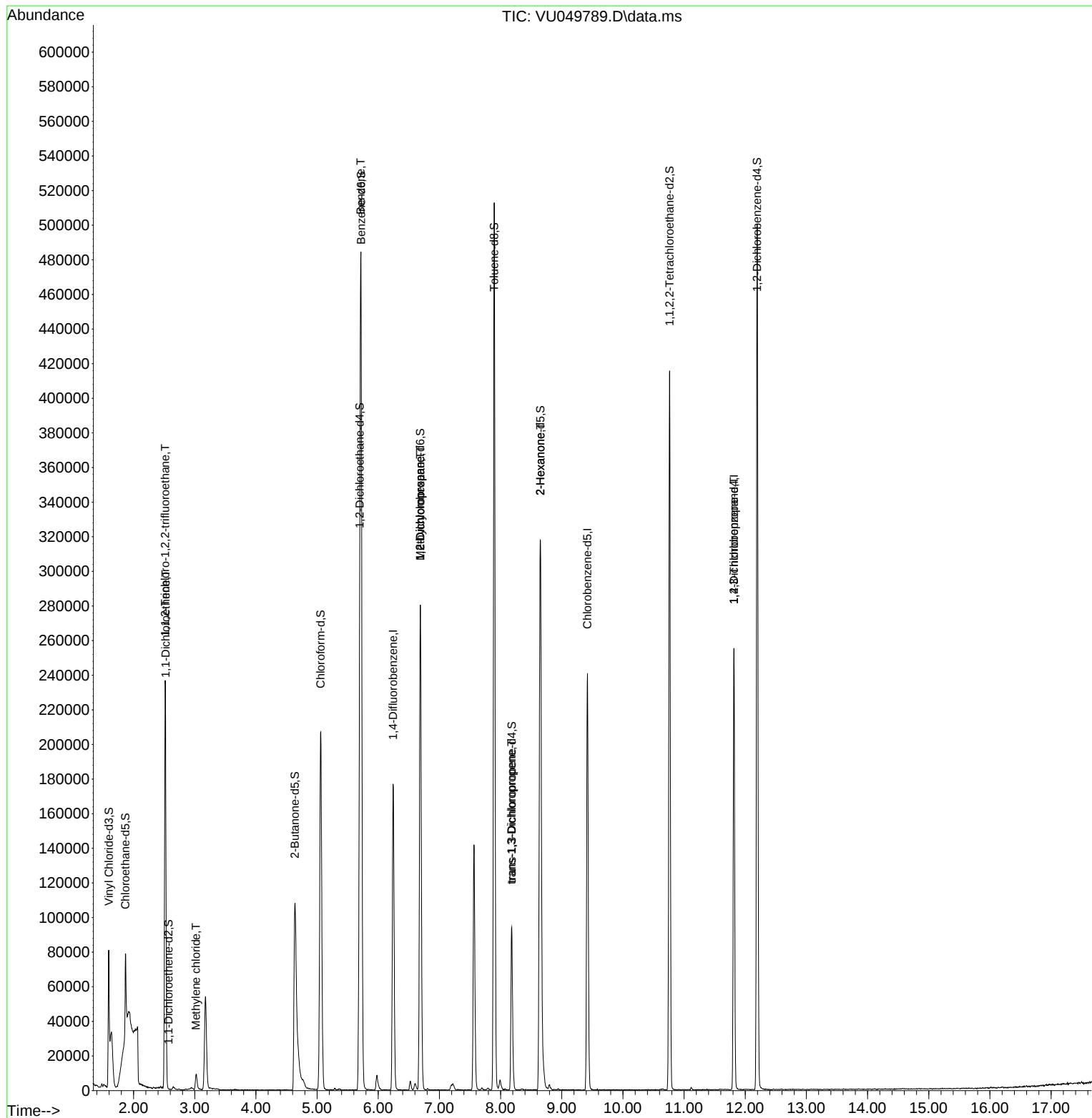
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	142568	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	135982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	63067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	65631	54.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.120%
7) Chloroethane-d5	1.867	69	38941	44.785	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.580%
11) 1,1-Dichloroethene-d2	2.572	63	176	0.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.160%#
21) 2-Butanone-d5	4.639	46	214228	208.619	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	208.620%#
24) Chloroform-d	5.057	84	199228	93.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	187.020%#
26) 1,2-Dichloroethane-d4	5.697	65	142464	98.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	197.600%#
32) Benzene-d6	5.719	84	388986	94.160	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	188.320%#
36) 1,2-Dichloropropane-d6	6.687	67	136902	98.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	197.040%#
41) Toluene-d8	7.896	98	331684	92.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	184.400%#
43) trans-1,3-Dichloroprop...	8.182	79	56795	97.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	194.020%#
47) 2-Hexanone-d5	8.649	63	137690	220.288	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	220.290%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	207231	106.587	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	213.180%#
66) 1,2-Dichlorobenzene-d4	12.195	152	122633	103.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	206.260%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.517	101	1042	0.949	ug/L #	20
12) 1,1-Dichloroethene	2.523	96	968	0.950	ug/L #	1
16) Methylene chloride	3.022	84	4592	3.577	ug/L	88
33) Benzene	5.713	78	3367	0.659	ug/L	100
35) Methylcyclohexane	6.687	83	31694	16.324	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	14739	10.403	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2699	1.504	ug/L	87
48) 2-Hexanone	8.649	43	19781	10.793	ug/L #	77
60) 1,2,3-Trichloropropane	11.816	75	8956	5.331	ug/L #	68

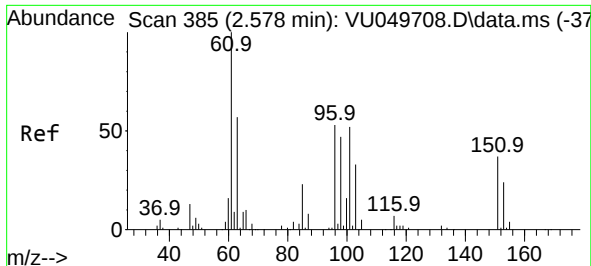
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 19 02:09:49 2022
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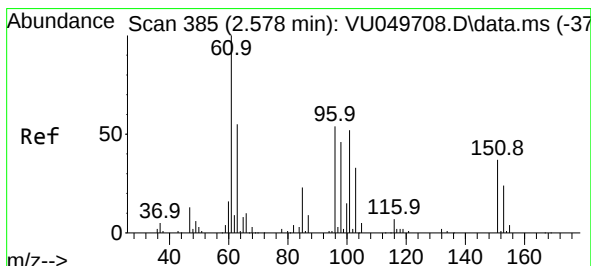
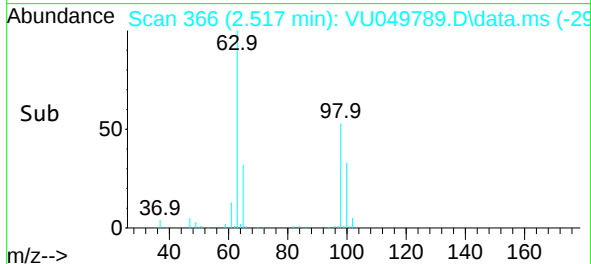
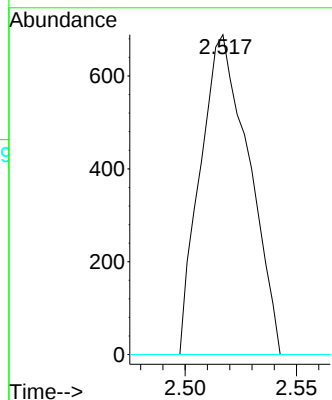
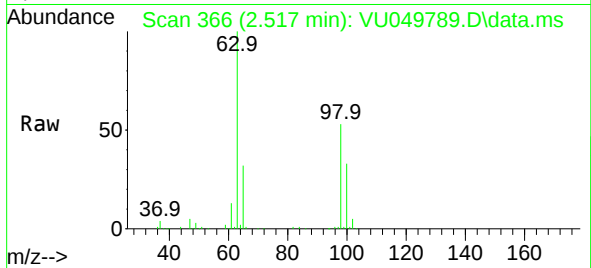




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.949 ug/L
RT: 2.517 min Scan# 30
Delta R.T. -0.058 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

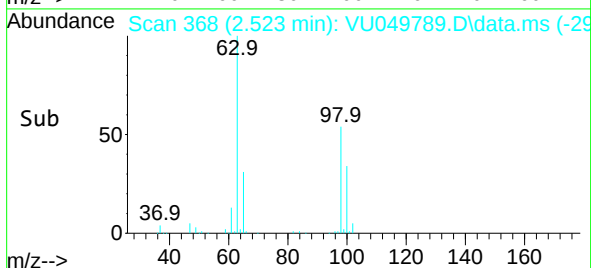
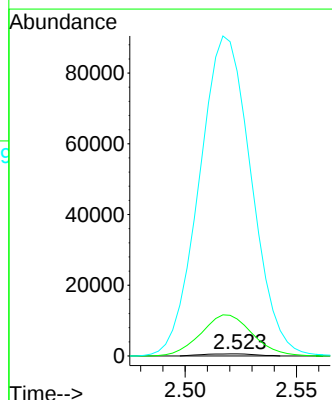
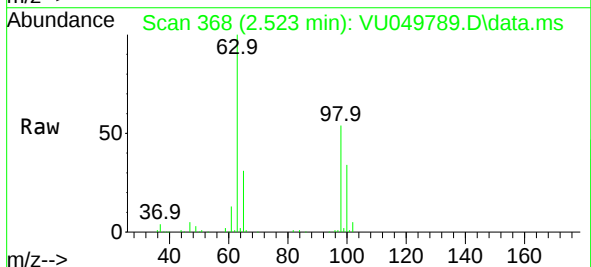
Instrument :
MSVOA_U
ClientSampleId :

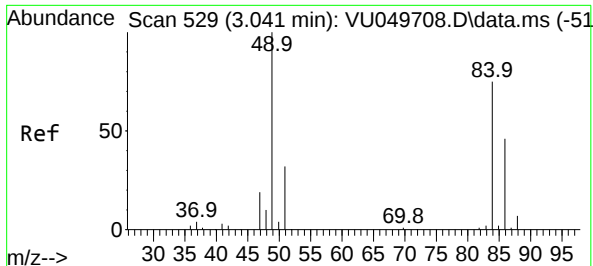
Tgt Ion:101 Resp: 1042
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.950 ug/L
RT: 2.523 min Scan# 368
Delta R.T. -0.051 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

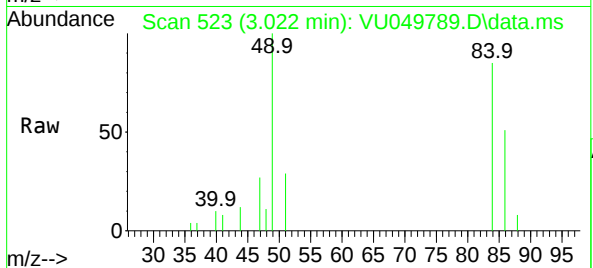
Tgt Ion: 96 Resp: 968
Ion Ratio Lower Upper
96 100
61 1762.3 129.6 240.6#
63 13552.9 79.0 146.6#



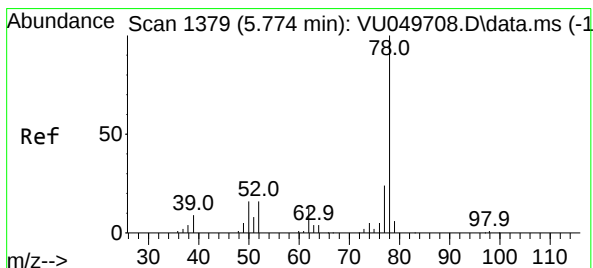
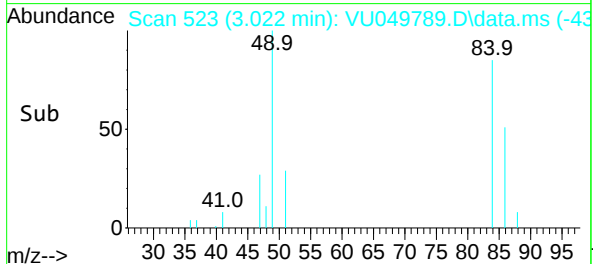
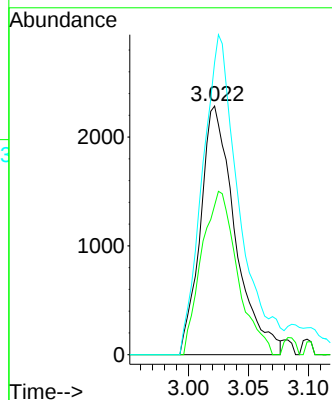


#16
Methylene chloride
Concen: 3.577 ug/L
RT: 3.022 min Scan# 51
Delta R.T. -0.019 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :

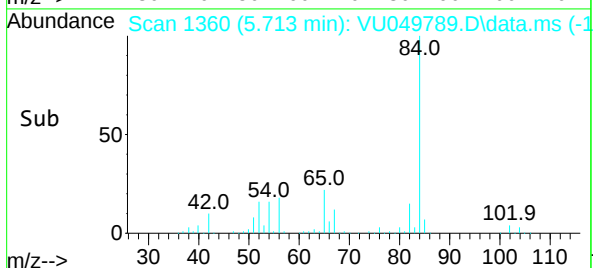
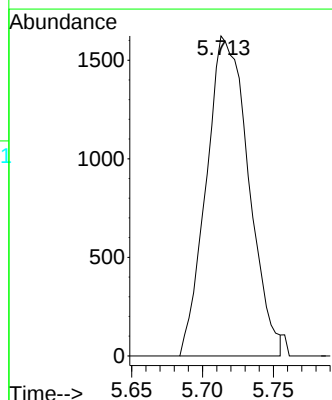
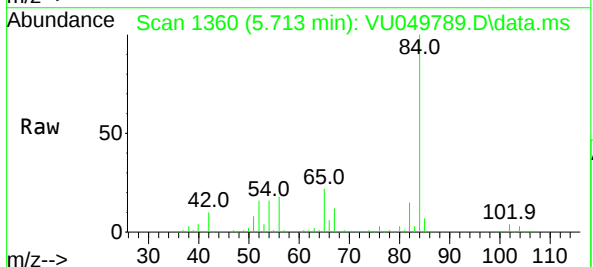


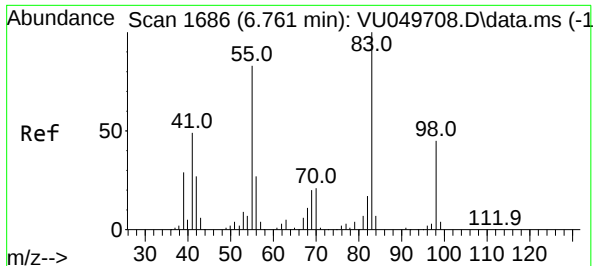
Tgt Ion: 84 Resp: 4592
Ion Ratio Lower Upper
84 100
86 60.0 45.6 84.6
49 117.5 94.4 175.4



#33
Benzene
Concen: 0.659 ug/L
RT: 5.713 min Scan# 1360
Delta R.T. -0.061 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

Tgt Ion: 78 Resp: 3367

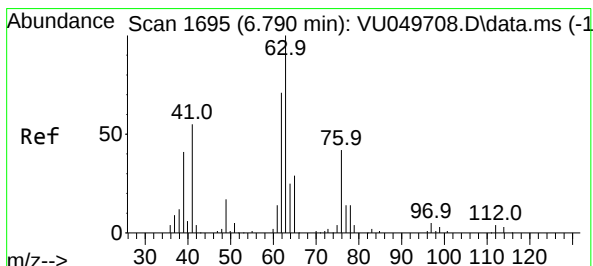
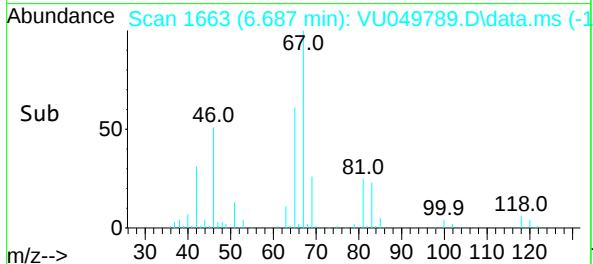
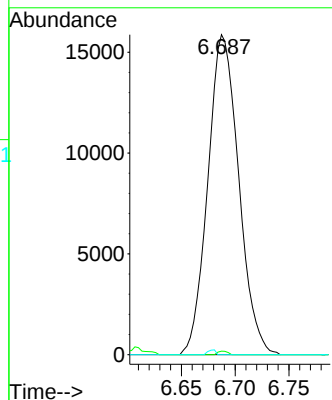
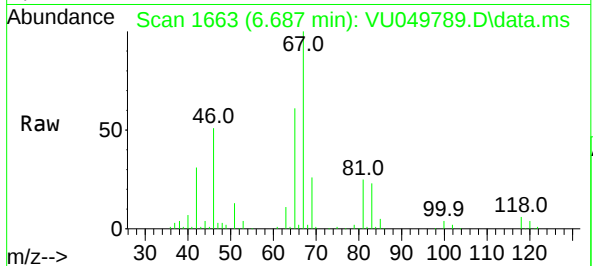




#35
Methylcyclohexane
Concen: 16.324 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

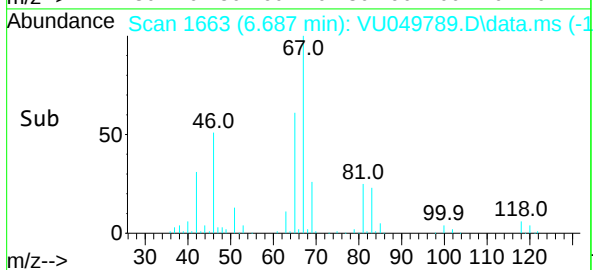
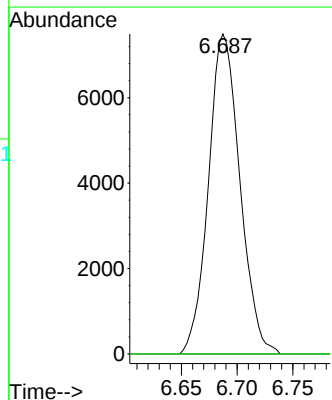
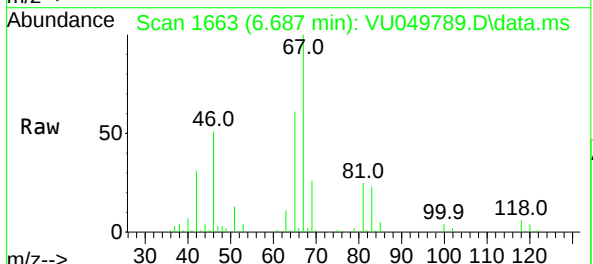
Instrument :
MSVOA_U
ClientSampleId :

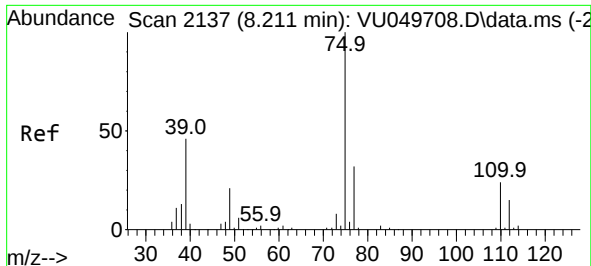
Tgt Ion: 83 Resp: 31694
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 0.4 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 10.403 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

Tgt Ion: 63 Resp: 14739
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

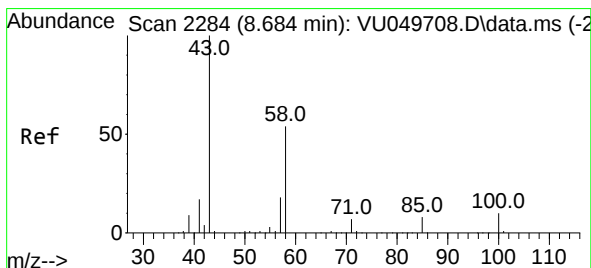
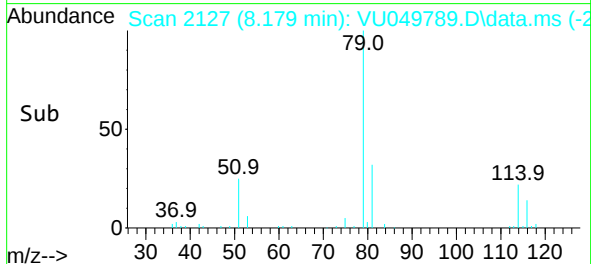
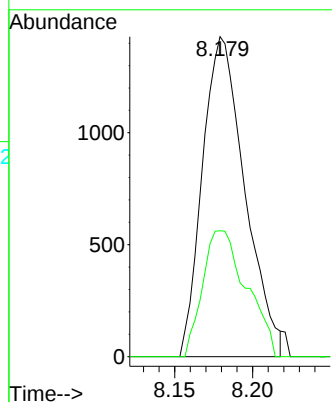
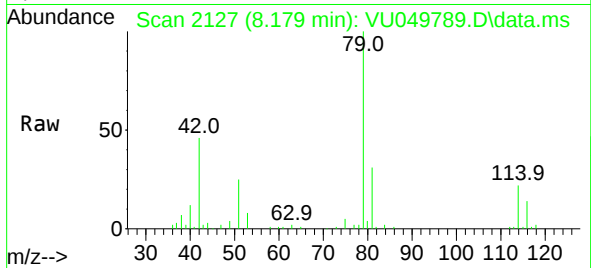




#44
trans-1,3-Dichloropropene
Concen: 1.504 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

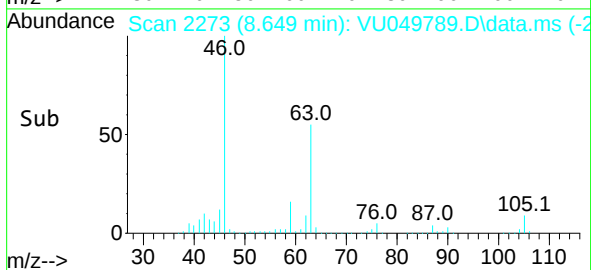
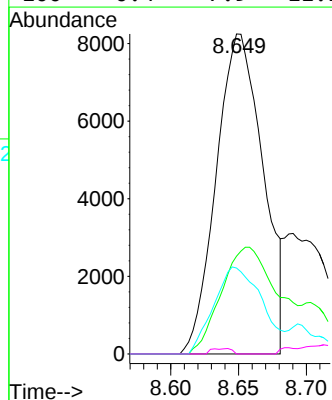
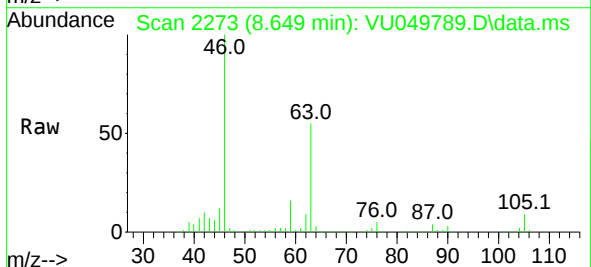
Instrument :
MSVOA_U
ClientSampleId :

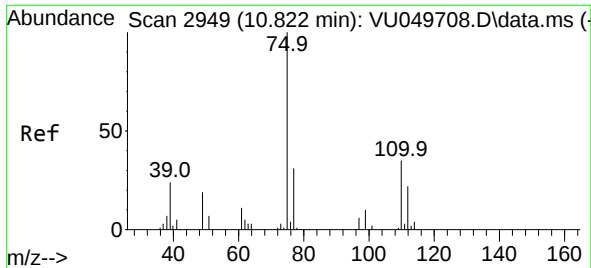
Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
77 39.3 22.5 41.9



#48
2-Hexanone
Concen: 10.793 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.035 min
Lab File: VU049789.D
Acq: 19 Jul 2022 16:50

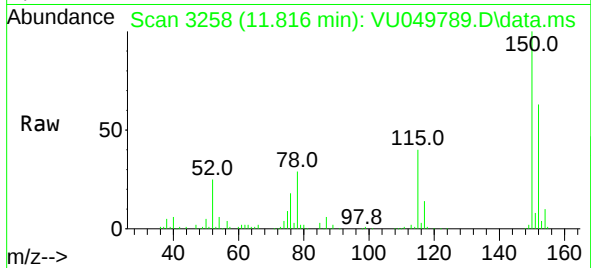
Tgt Ion: 43 Resp: 19781
Ion Ratio Lower Upper
43 100
58 36.3 42.6 64.0#
57 28.2 15.0 22.6#
100 0.4 7.9 11.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.331 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049789.D
 Acq: 19 Jul 2022 16:50

Instrument :
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 ClientSampleId :



Tgt Ion: 75	Resp:	8956
Ion	Ratio	Lower Upper
75	100	
77	29.5	25.5 38.3
110	2.8	28.9 43.3#

