

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049785.D
 Acq On : 19 Jul 2022 15:16
 Operator : SY/MD
 Sample : N3679-14ME
 Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:17:25 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)

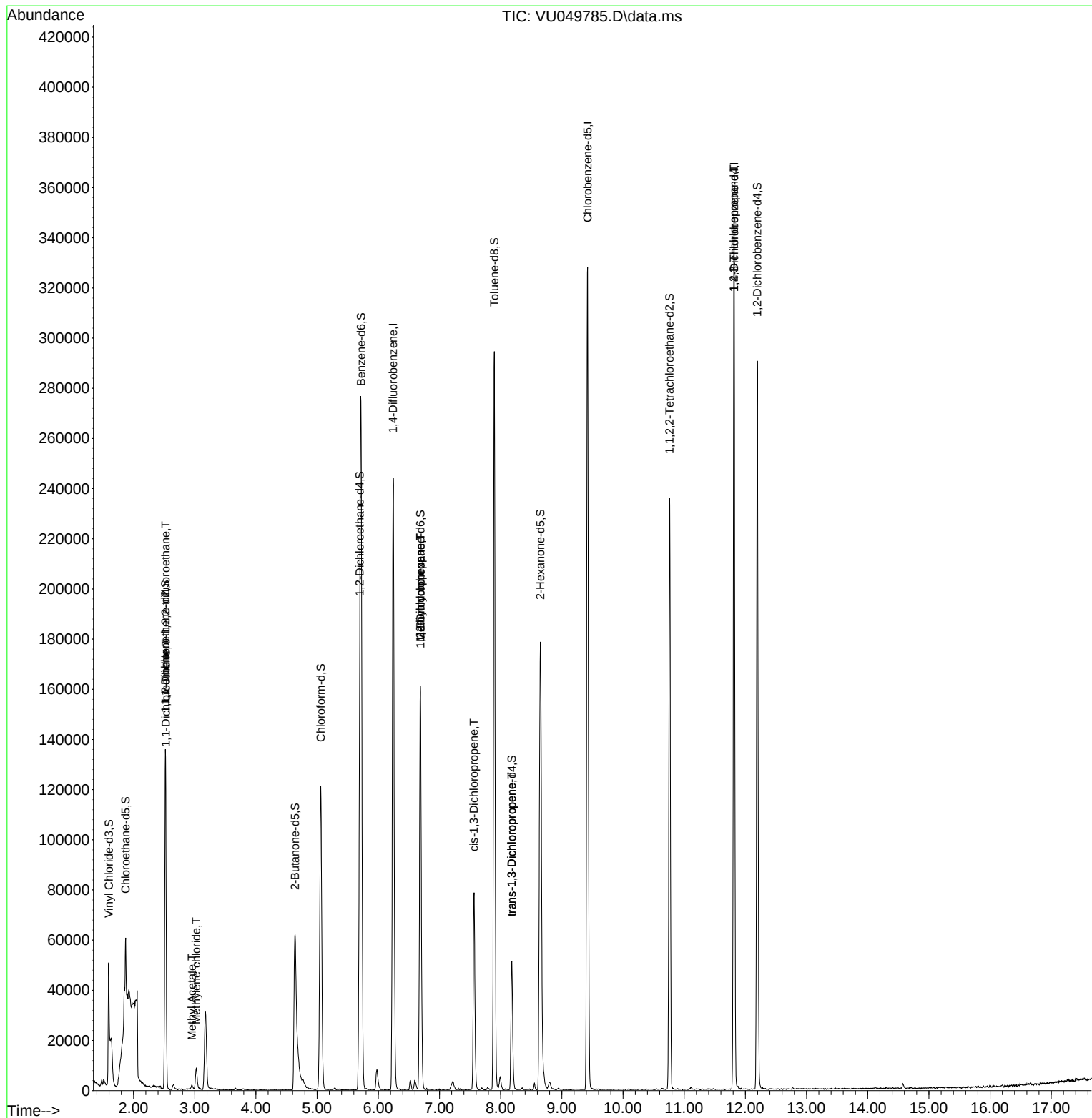
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	194224	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	86969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	48664	29.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.400%#		
7) Chloroethane-d5	1.871	69	26213	22.129	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.260%#		
11) 1,1-Dichloroethene-d2	2.520	63	84837	29.308	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.620%#		
21) 2-Butanone-d5	4.639	46	121807	87.070	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.070%		
24) Chloroform-d	5.060	84	115660	39.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.700%		
26) 1,2-Dichloroethane-d4	5.697	65	85107	43.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
32) Benzene-d6	5.719	84	227728	40.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.480%		
36) 1,2-Dichloropropane-d6	6.687	67	80154	42.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.200%		
41) Toluene-d8	7.896	98	191760	38.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.820%#		
43) trans-1,3-Dichloroprop...	8.182	79	32272	40.236	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.480%		
47) 2-Hexanone-d5	8.648	63	76900	89.803	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.800%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	117160	43.985	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.960%		
66) 1,2-Dichlorobenzene-d4	12.195	152	69993	42.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.380%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	594	0.397	ug/L #	20
12) 1,1-Dichloroethene	2.526	96	522	0.376	ug/L #	1
15) Methyl Acetate	2.951	43	1930	0.894	ug/L #	79
16) Methylene chloride	3.022	84	4064	2.324	ug/L	91
35) Methylcyclohexane	6.687	83	18314	6.885	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9071	4.673	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2382	0.910	ug/L #	72
44) trans-1,3-Dichloropropene	8.182	75	1550	0.631	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	11759	5.076	ug/L #	68

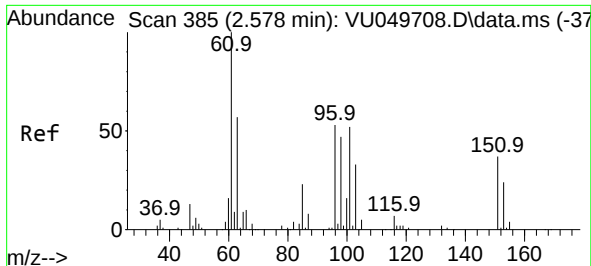
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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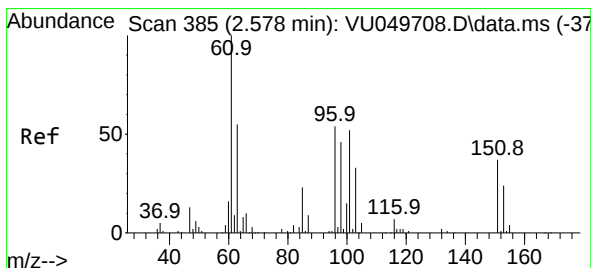
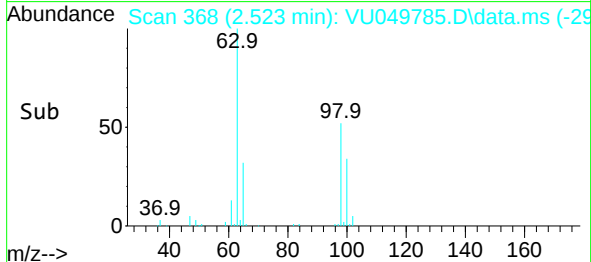
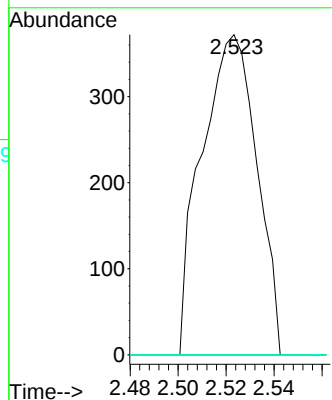
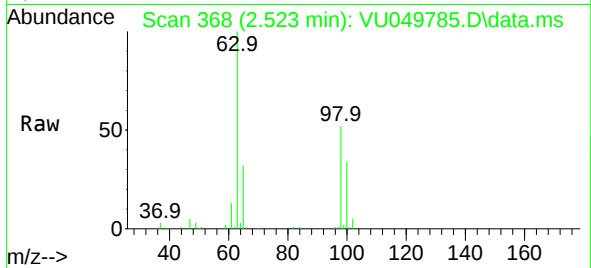




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.397 ug/L
 RT: 2.523 min Scan# 30
 Delta R.T. -0.052 min
 Lab File: VU049785.D
 Acq: 19 Jul 2022 15:16

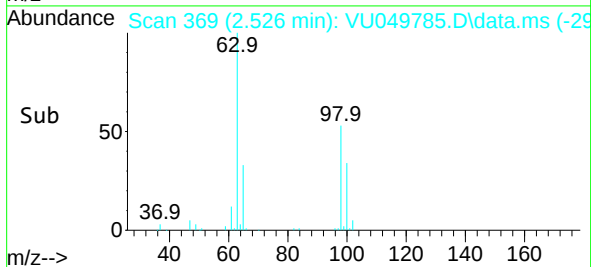
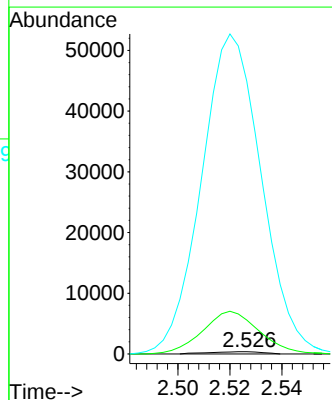
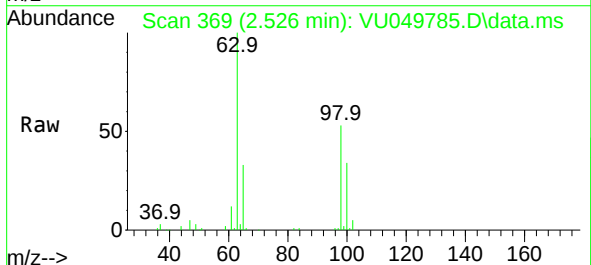
Instrument :
 MSVOA_U
 ClientSampleId :

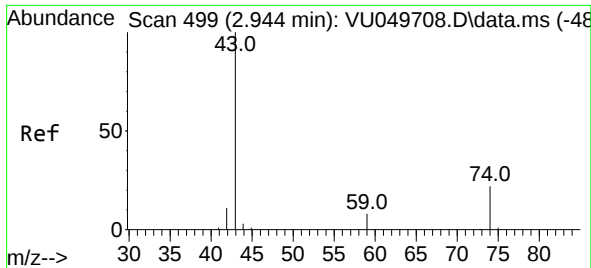
Tgt Ion:101 Resp: 594
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.376 ug/L
 RT: 2.526 min Scan# 369
 Delta R.T. -0.048 min
 Lab File: VU049785.D
 Acq: 19 Jul 2022 15:16

Tgt Ion: 96 Resp: 522
 Ion Ratio Lower Upper
 96 100
 61 1463.5 129.6 240.6#
 63 11790.0 79.0 146.6#

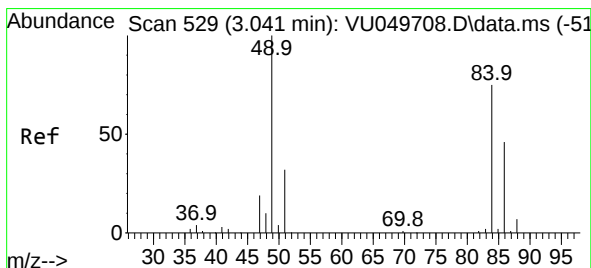
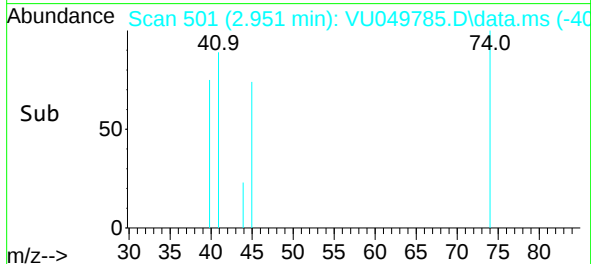
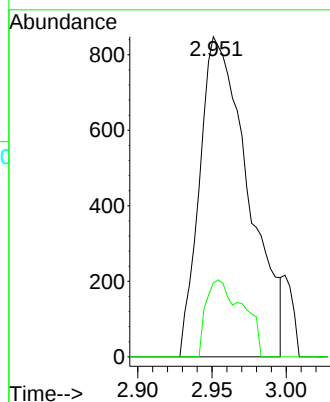
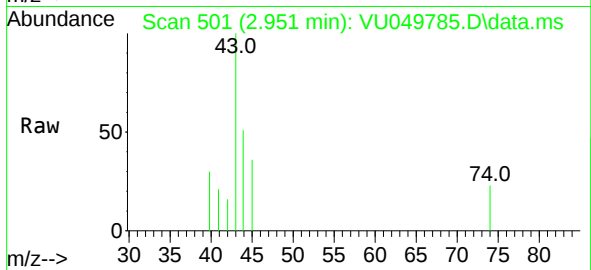




#15
Methyl Acetate
Concen: 0.894 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049785.D
Acq: 19 Jul 2022 15:16

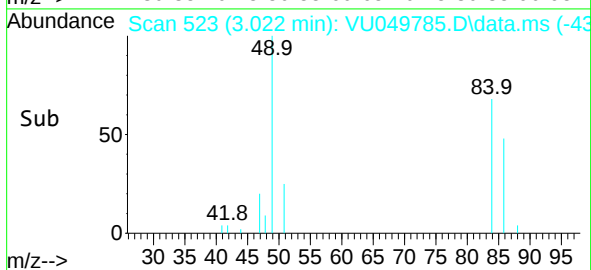
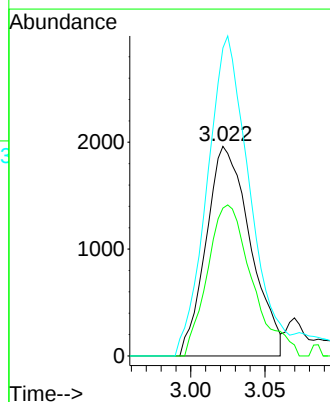
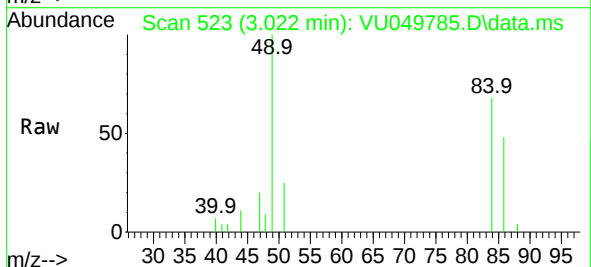
Instrument :
MSVOA_U
ClientSampleId :

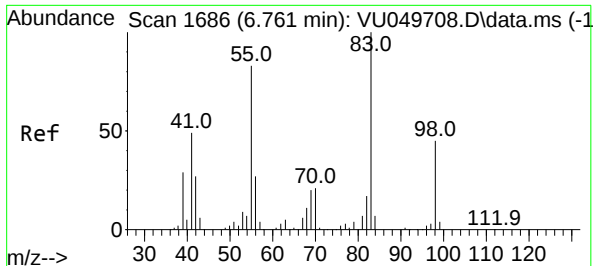
Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
74 11.8 17.4 26.0#



#16
Methylene chloride
Concen: 2.324 ug/L
RT: 3.022 min Scan# 523
Delta R.T. -0.019 min
Lab File: VU049785.D
Acq: 19 Jul 2022 15:16

Tgt Ion: 84 Resp: 4064
Ion Ratio Lower Upper
84 100
86 70.5 45.6 84.6
49 146.9 94.4 175.4

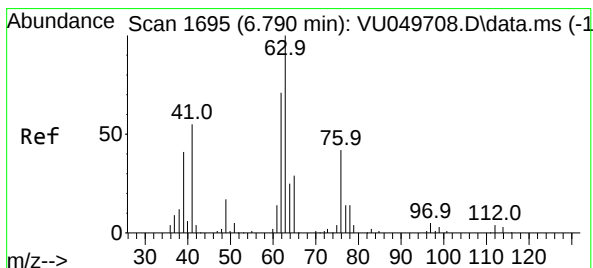
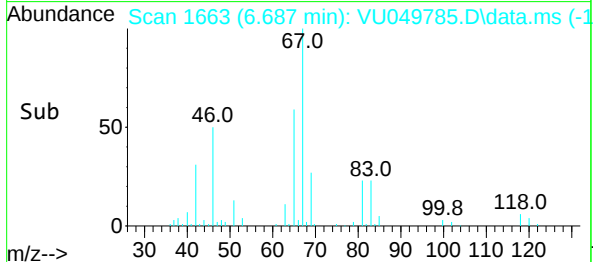
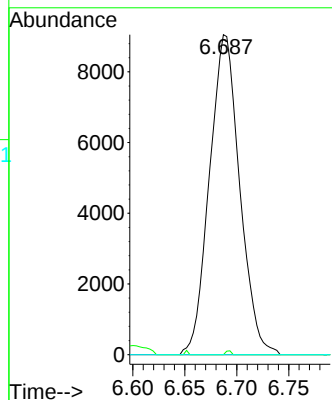
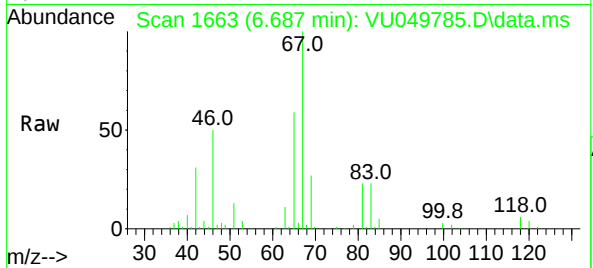




#35
Methylcyclohexane
Concen: 6.885 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU049785.D
Acq: 19 Jul 2022 15:16

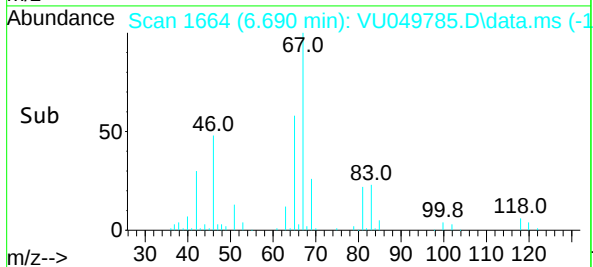
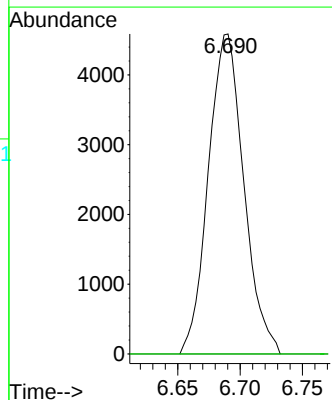
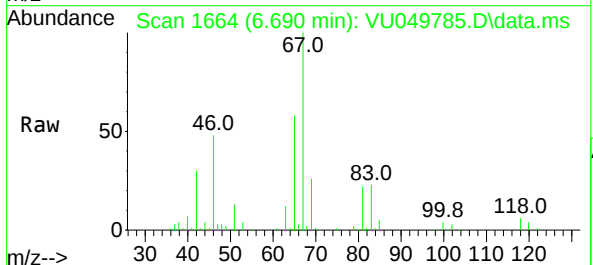
Instrument :
MSVOA_U
ClientSampleId :

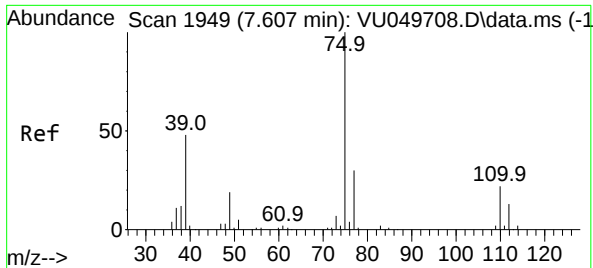
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.0	99.0#
98	0.0	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 4.673 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049785.D
Acq: 19 Jul 2022 15:16

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





#39

cis-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049785.D

Acq: 19 Jul 2022 15:16

Instrument :

MSVOA_U

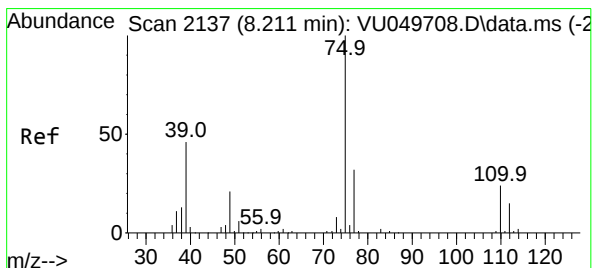
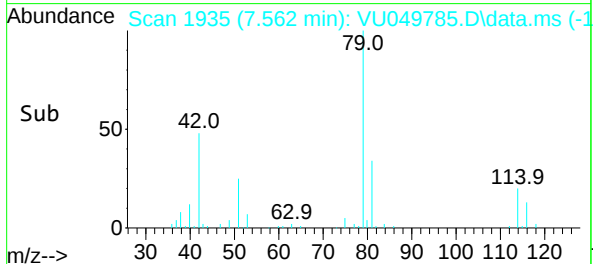
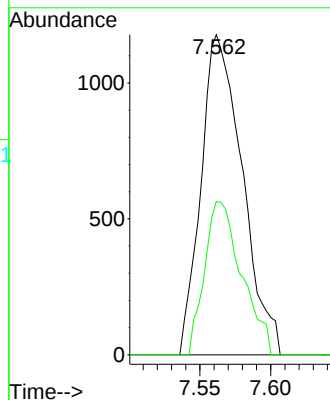
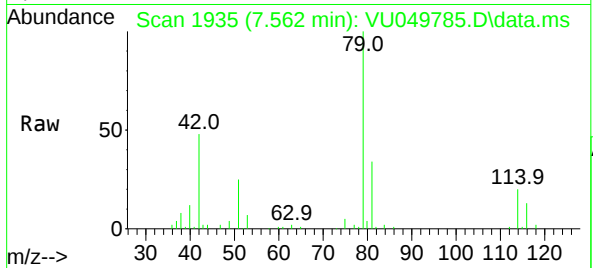
ClientSampleId :

Tgt Ion: 75 Resp: 2382

Ion Ratio Lower Upper

75 100

77 47.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049785.D

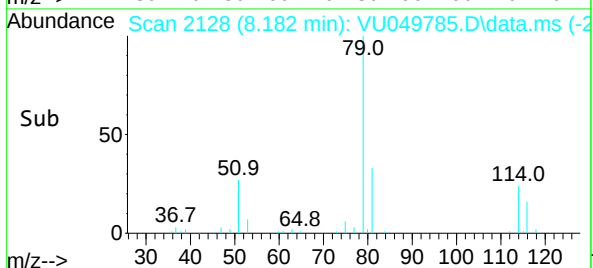
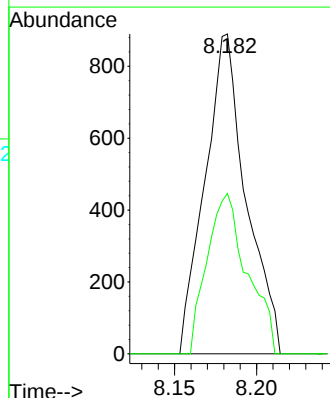
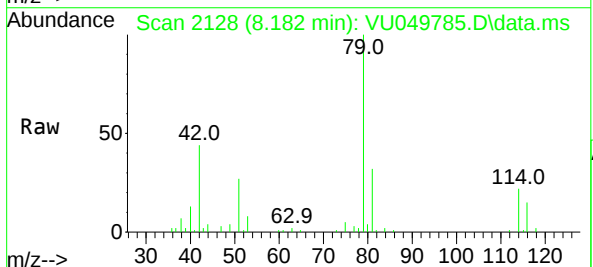
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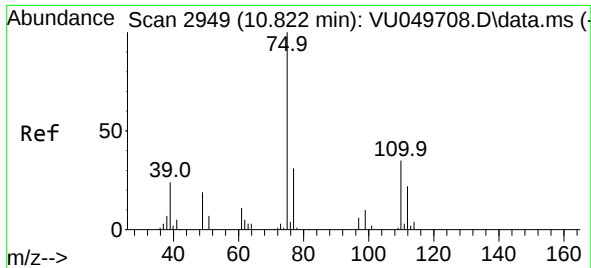
Tgt Ion: 75 Resp: 1550

Ion Ratio Lower Upper

75 100

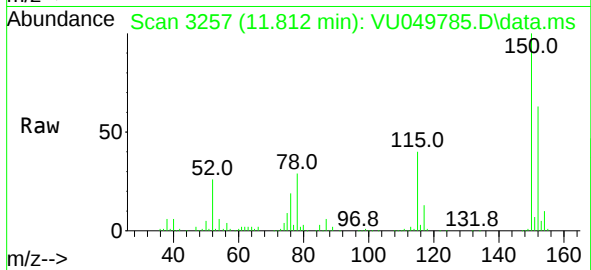
77 50.1 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.076 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049785.D
 Acq: 19 Jul 2022 15:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11759
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.5	38.3
110	2.9	28.9	43.3#

