

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049829.D
 Acq On : 21 Jul 2022 14:59
 Operator : SY/MD
 Sample : N3744-07ME
 Misc : 5.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

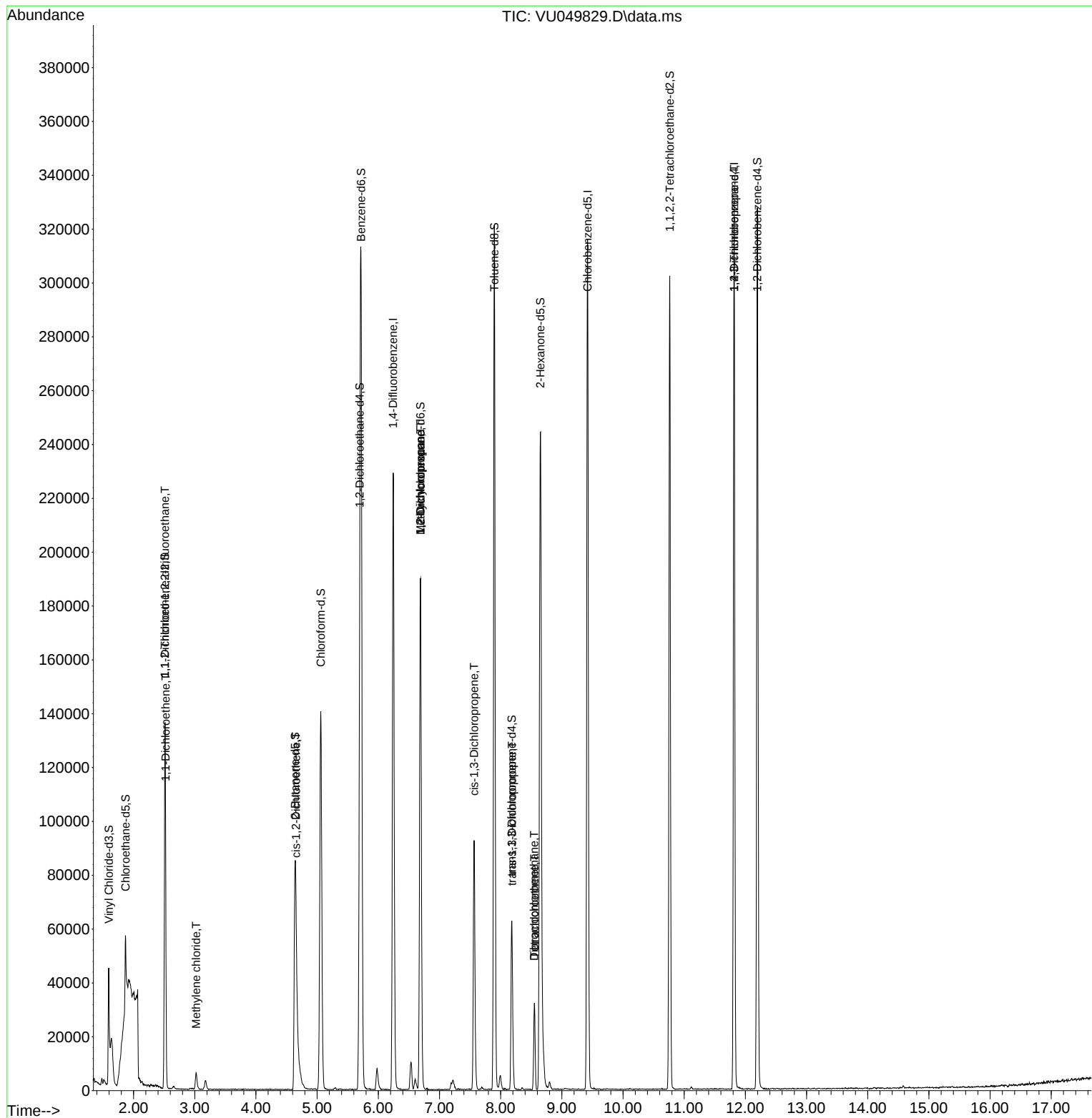
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	183078	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	177745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	81246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37075	24.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	48.000%	#	
7) Chloroethane-d5	1.867	69	27436	24.572	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	49.140%	#	
11) 1,1-Dichloroethene-d2	2.514	63	83979	30.778	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.560%		
21) 2-Butanone-d5	4.639	46	159678	121.090	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.090%		
24) Chloroform-d	5.060	84	135238	49.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
26) 1,2-Dichloroethane-d4	5.697	65	97720	52.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.540%		
32) Benzene-d6	5.719	84	250995	46.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.960%		
36) 1,2-Dichloropropane-d6	6.690	67	91730	50.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.000%		
41) Toluene-d8	7.896	98	207536	44.134	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.260%		
43) trans-1,3-Dichloroprop...	8.182	79	37799	49.395	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.780%		
47) 2-Hexanone-d5	8.648	63	97140	118.897	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	118.900%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	150987	59.412	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	118.820%		
66) 1,2-Dichlorobenzene-d4	12.195	152	80462	52.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.514	101	690	0.489	ug/L #	20
12) 1,1-Dichloroethene	2.523	96	579	0.442	ug/L #	1
16) Methylene chloride	3.022	84	2836	1.721	ug/L	92
20) cis-1,2-Dichloroethene	4.655	96	2738	1.701	ug/L	100
35) Methylcyclohexane	6.687	83	21177	8.345	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	10501	5.671	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2677	1.072	ug/L #	78
44) trans-1,3-Dichloropropene	8.185	75	1871	0.798	ug/L	93
46) Tetrachloroethene	8.552	164	7008	6.257	ug/L	96
49) Dibromochloromethane	8.549	129	6566	4.039	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	11010	5.088	ug/L #	68

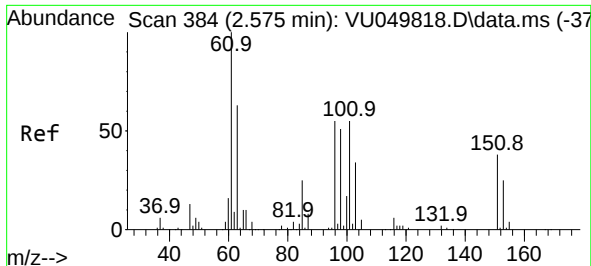
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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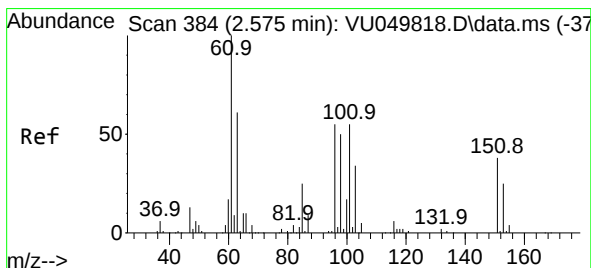
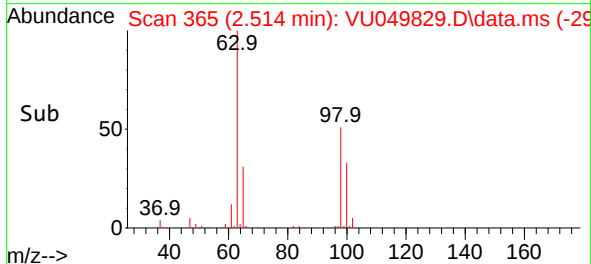
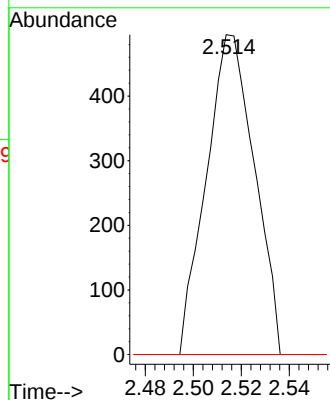
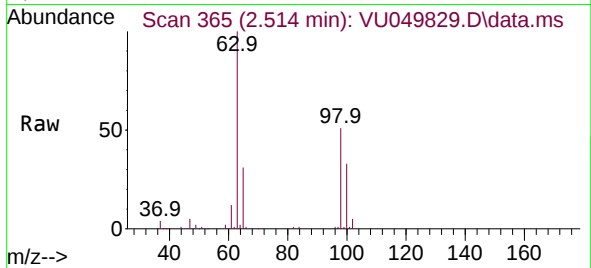




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.489 ug/L
 RT: 2.514 min Scan# 30
 Delta R.T. -0.061 min
 Lab File: VU049829.D
 Acq: 21 Jul 2022 14:59

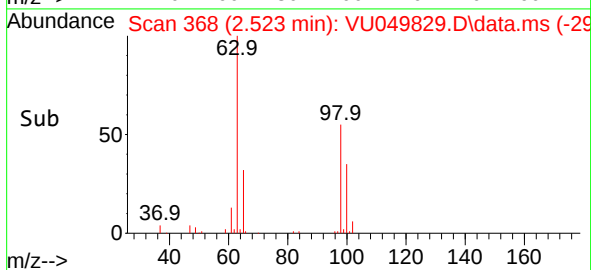
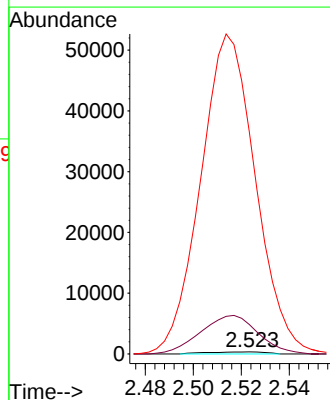
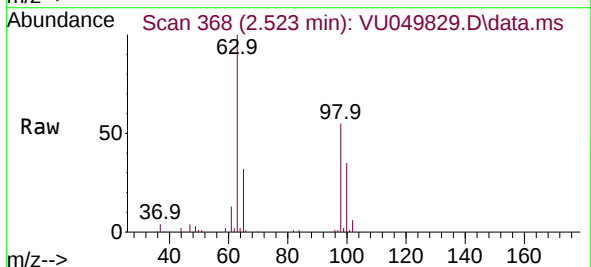
Instrument :
 MSVOA_U
 ClientSampleId :

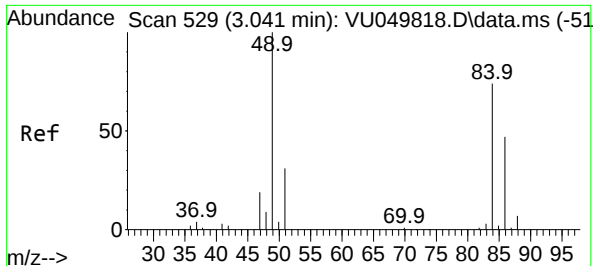
Tgt Ion:101 Resp: 690
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.442 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.051 min
 Lab File: VU049829.D
 Acq: 21 Jul 2022 14:59

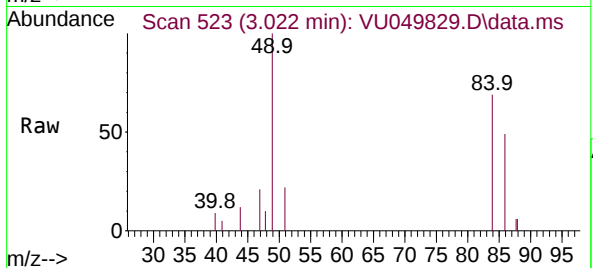
Tgt Ion: 96 Resp: 579
 Ion Ratio Lower Upper
 96 100
 61 1428.0 129.6 240.6#
 63 10784.7 79.0 146.6#



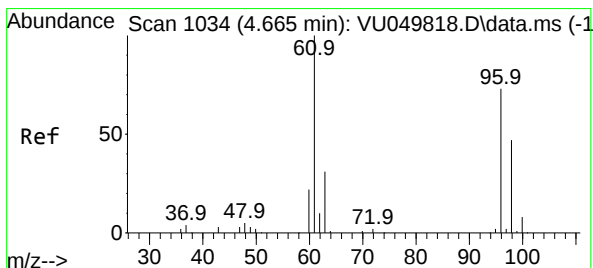
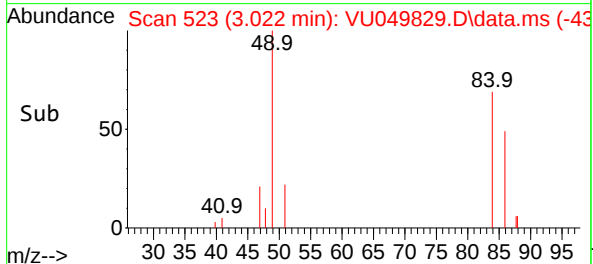
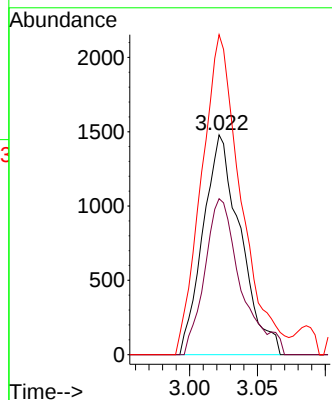


#16
Methylene chloride
Concen: 1.721 ug/L
RT: 3.022 min Scan# 51
Delta R.T. -0.019 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :

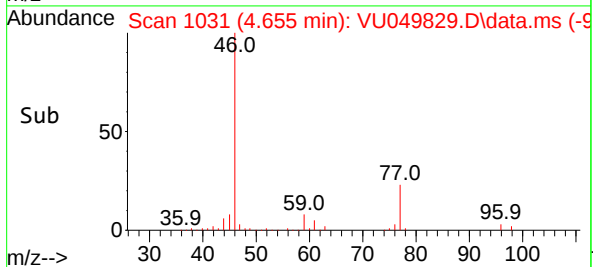
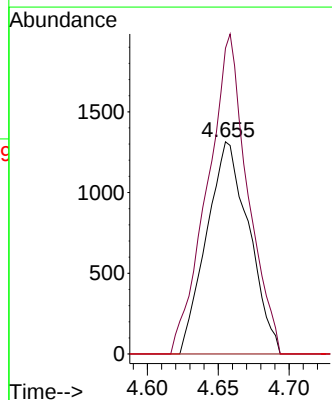
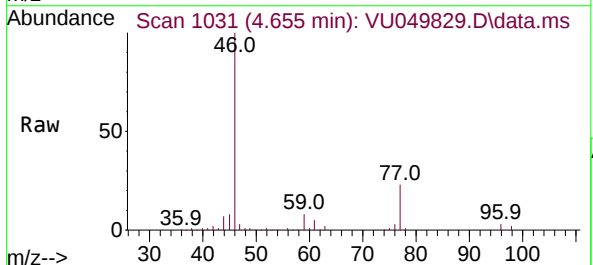


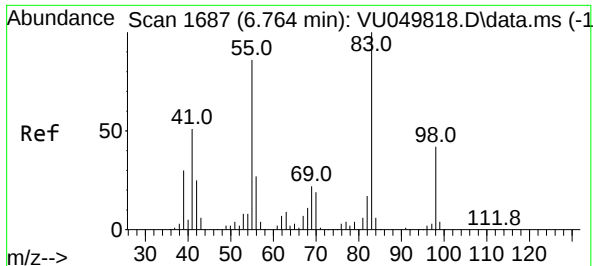
Tgt Ion: 84 Resp: 2836
Ion Ratio Lower Upper
84 100
86 70.9 45.6 84.6
49 145.6 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 1.701 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 96 Resp: 2738
Ion Ratio Lower Upper
96 100
61 144.1 101.1 187.7
68 0.0 0.0 0.0

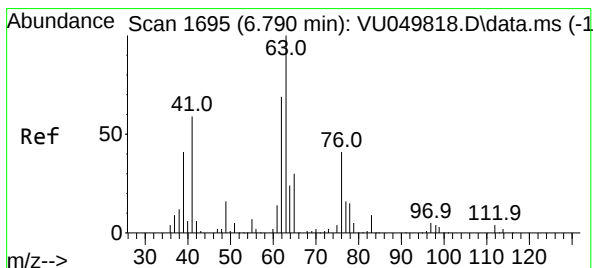
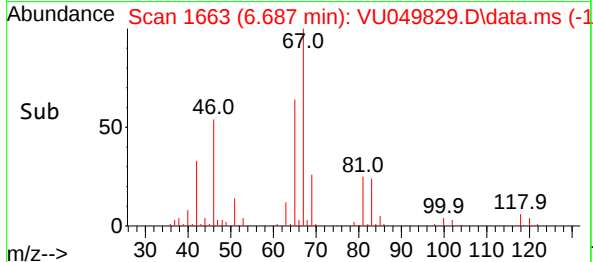
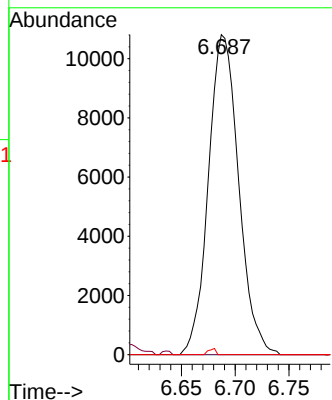
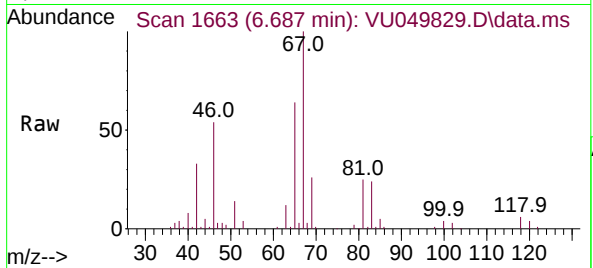




#35
Methylcyclohexane
Concen: 8.345 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

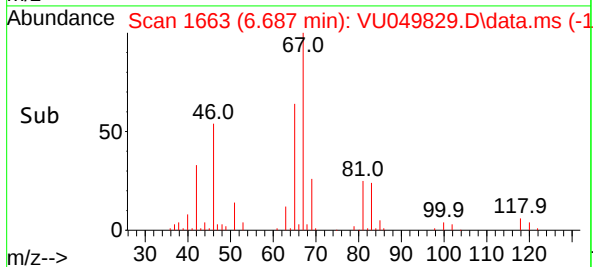
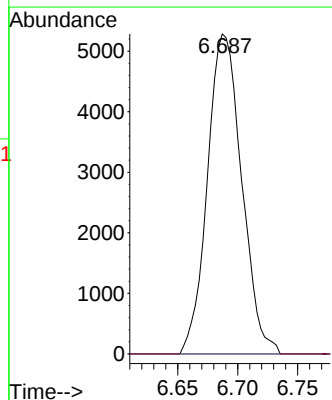
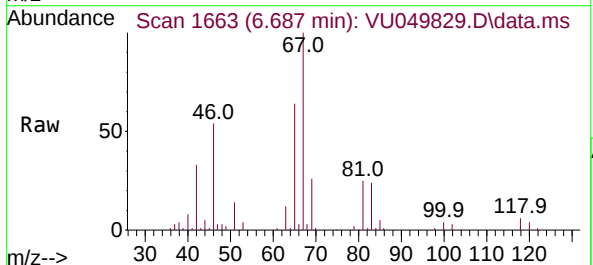
Instrument :
MSVOA_U
ClientSampleId :

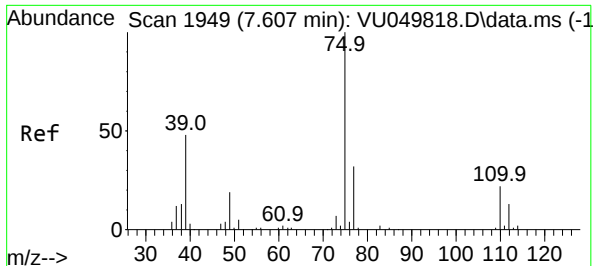
Tgt Ion: 83 Resp: 21177
Ion Ratio Lower Upper
83 100
55 0.3 66.0 99.0#
98 0.5 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.671 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 63 Resp: 10501
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.072 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049829.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_U

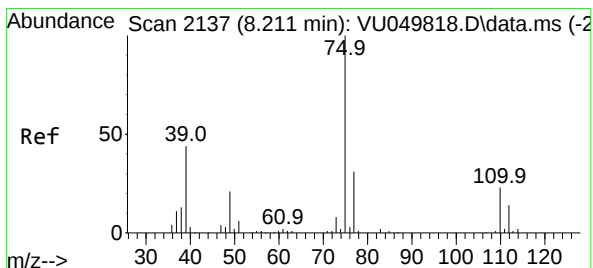
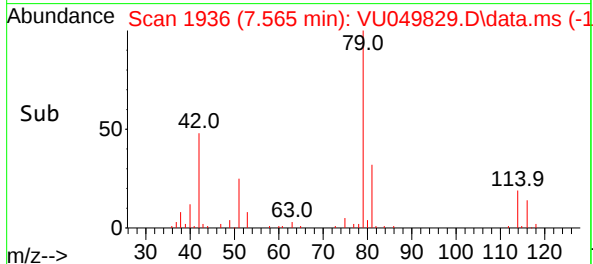
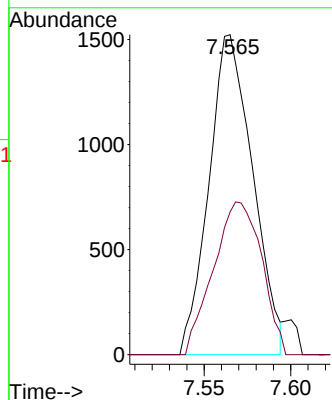
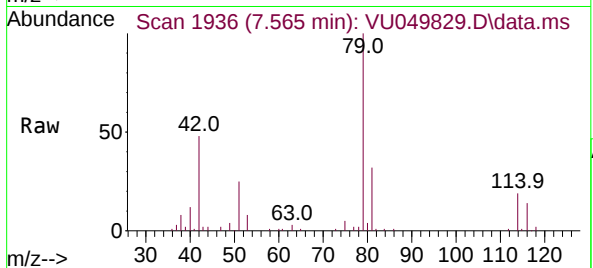
ClientSampleId :

Tgt Ion: 75 Resp: 2677

Ion Ratio Lower Upper

75 100

77 44.6 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU049829.D

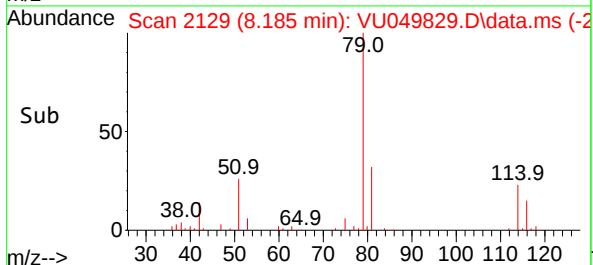
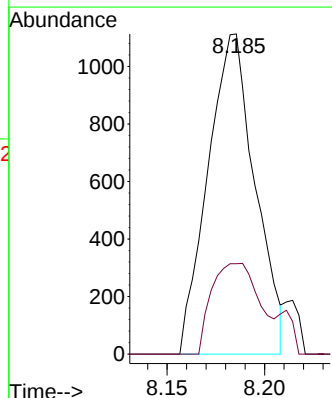
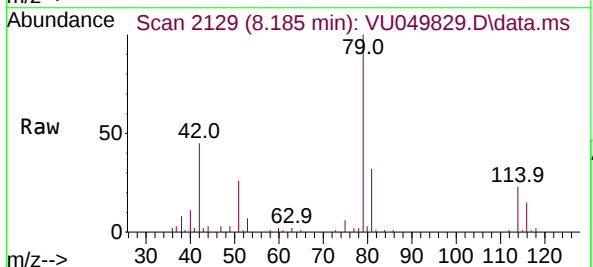
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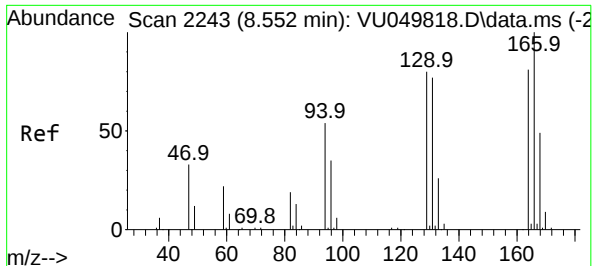
Tgt Ion: 75 Resp: 1871

Ion Ratio Lower Upper

75 100

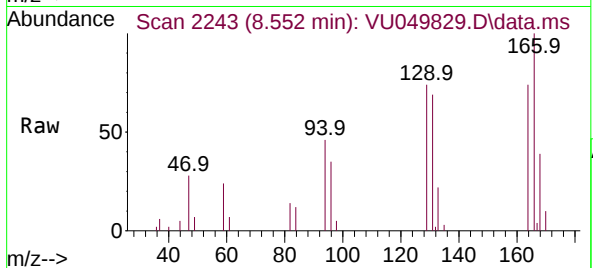
77 28.2 22.5 41.9



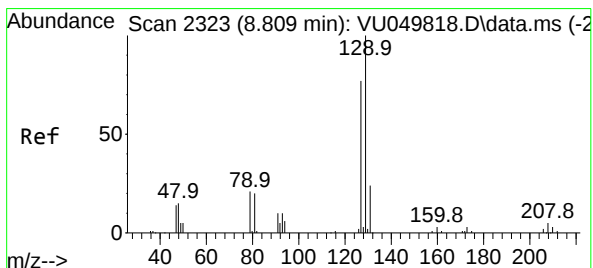
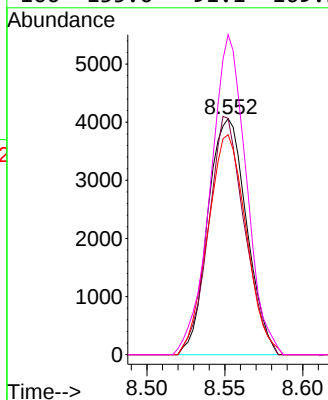
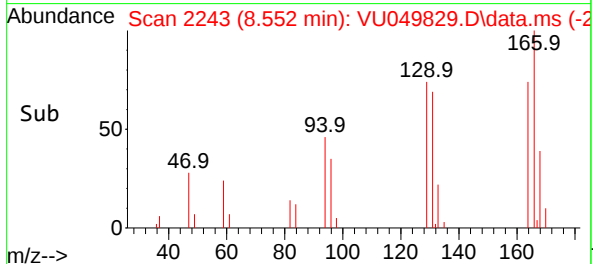


#46
Tetrachloroethene
Concen: 6.257 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

Instrument :
MSVOA_U
ClientSampleId :

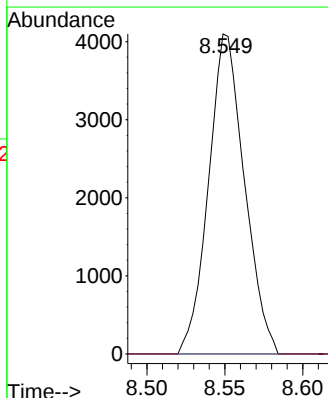
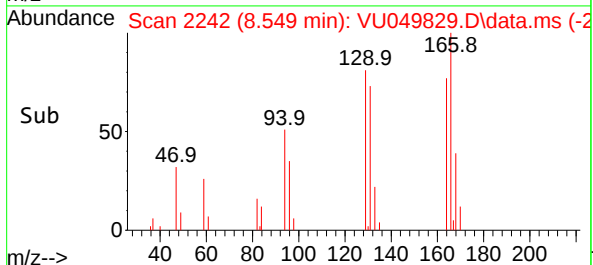
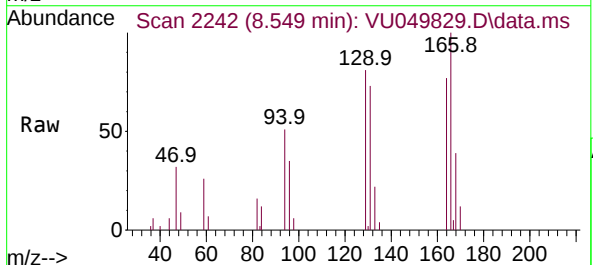


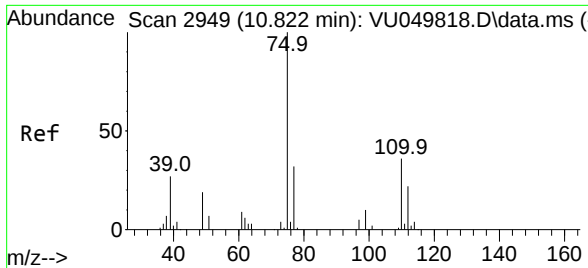
Tgt Ion:164 Resp: 7008
Ion Ratio Lower Upper
164 100
129 100.1 72.0 133.8
131 93.2 69.0 128.1
166 135.6 91.1 169.3



#49
Dibromochloromethane
Concen: 4.039 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.260 min
Lab File: VU049829.D
Acq: 21 Jul 2022 14:59

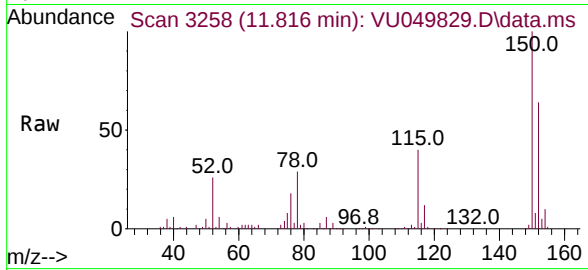
Tgt Ion:129 Resp: 6566
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.088 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049829.D
 Acq: 21 Jul 2022 14:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11010
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.5	38.3
110	3.0	28.9	43.3#

