

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049808.D
 Acq On : 20 Jul 2022 17:13
 Operator : SY/MD
 Sample : N3743-05ME
 Misc : 6.03g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5C91ME

Quant Time: Jul 21 04:25:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

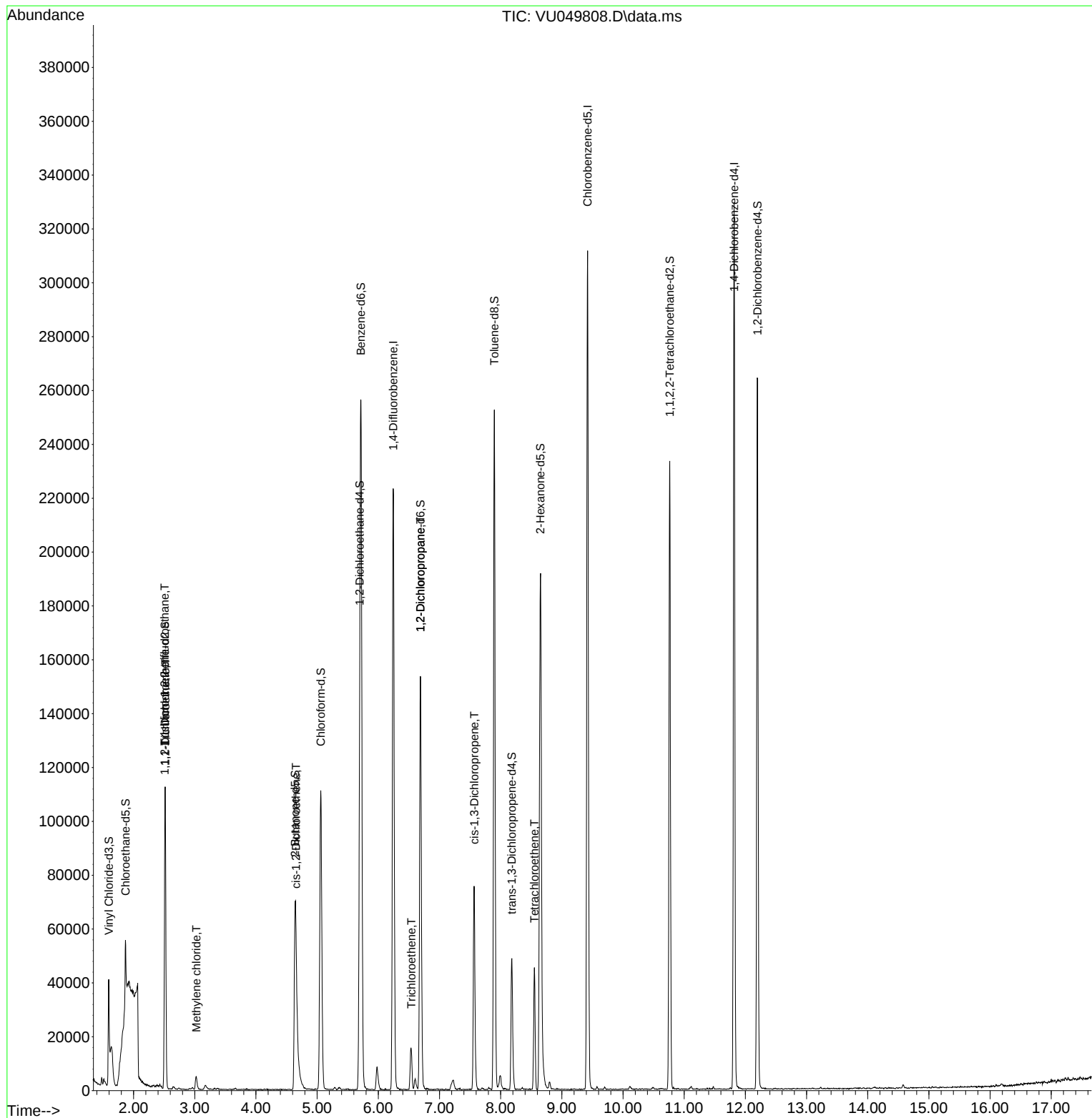
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178080	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	172976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	80708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	33327	22.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	44.360%#
7) Chloroethane-d5	1.867	69	22579	20.789	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.580%#
11) 1,1-Dichloroethene-d2	2.514	63	70134	26.425	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.860%#
21) 2-Butanone-d5	4.642	46	125307	97.692	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.690%
24) Chloroform-d	5.060	84	107591	40.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.860%
26) 1,2-Dichloroethane-d4	5.697	65	79594	44.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.380%
32) Benzene-d6	5.716	84	204587	38.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.860%
36) 1,2-Dichloropropane-d6	6.687	67	74194	41.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.960%
41) Toluene-d8	7.896	98	166840	36.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.920%#
43) trans-1,3-Dichloroprop...	8.182	79	29139	39.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.260%
47) 2-Hexanone-d5	8.648	63	78333	98.521	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	114973	46.488	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.980%
66) 1,2-Dichlorobenzene-d4	12.198	152	65788	43.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.510	101	675	0.492	ug/L #	20
12) 1,1-Dichloroethene	2.520	96	559	0.439	ug/L #	1
16) Methylene chloride	3.025	84	2288	1.427	ug/L	96
20) cis-1,2-Dichloroethene	4.655	96	4001	2.556	ug/L	94
34) Trichloroethene	6.542	95	4409	2.805	ug/L	83
37) 1,2-Dichloropropane	6.690	63	8687	4.820	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2135	0.878	ug/L #	54
46) Tetrachloroethene	8.552	164	9627	8.832	ug/L	95

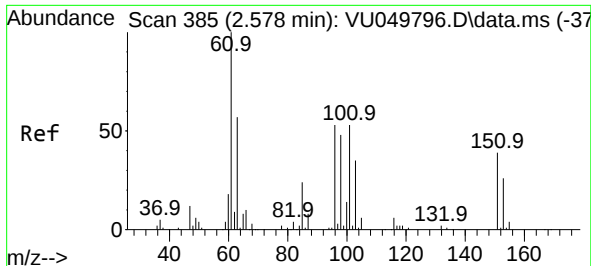
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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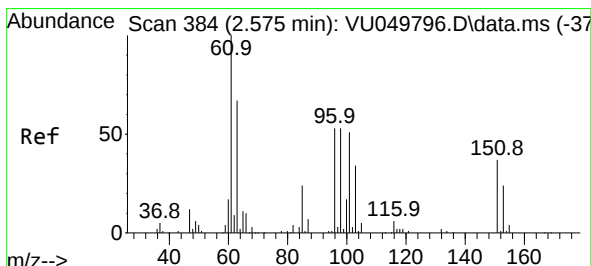
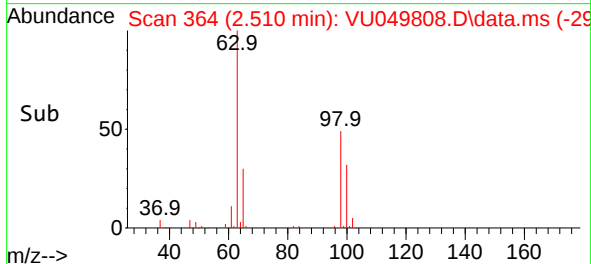
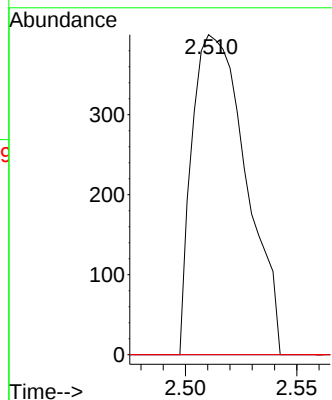
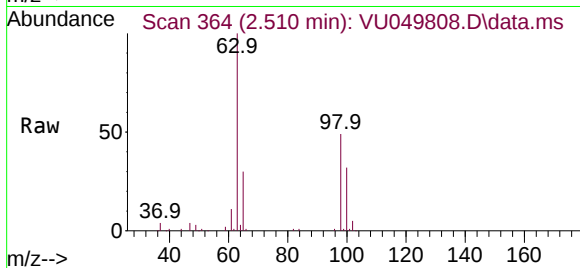




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.492 ug/L
 RT: 2.510 min Scan# 30
 Delta R.T. -0.067 min
 Lab File: VU049808.D
 Acq: 20 Jul 2022 17:13

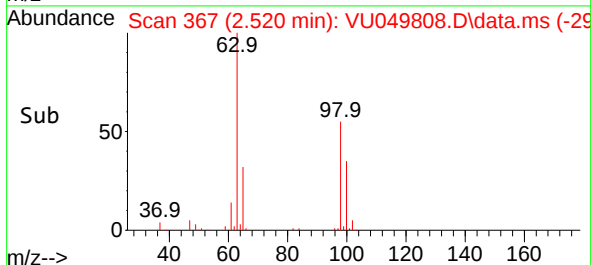
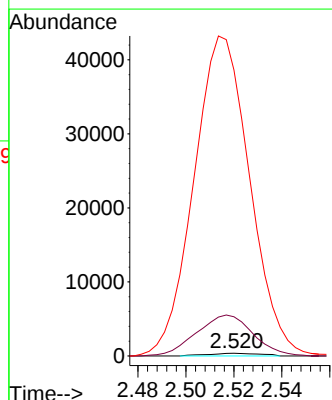
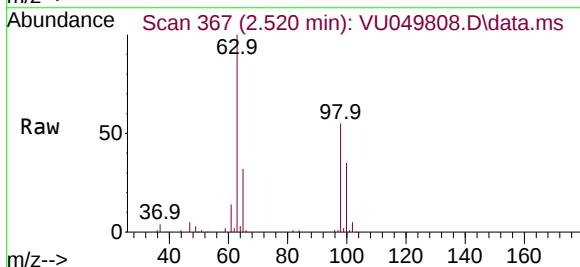
Instrument :
 MSVOA_U
 ClientSampleId :
 F5C91ME

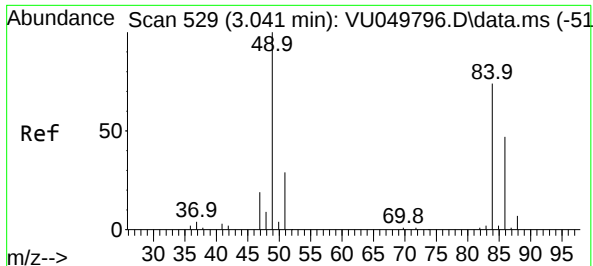
Tgt Ion:101 Resp: 675
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.439 ug/L
 RT: 2.520 min Scan# 367
 Delta R.T. -0.055 min
 Lab File: VU049808.D
 Acq: 20 Jul 2022 17:13

Tgt Ion: 96 Resp: 559
 Ion Ratio Lower Upper
 96 100
 61 1465.1 129.6 240.6#
 63 10699.2 79.0 146.6#

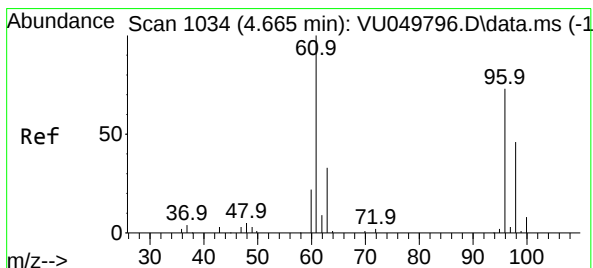
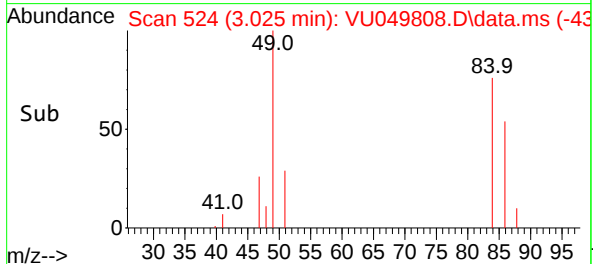
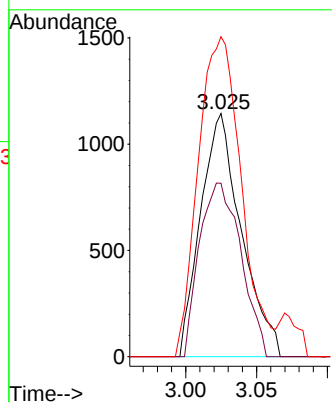
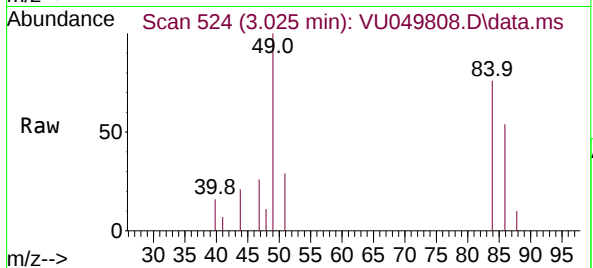




#16
Methylene chloride
Concen: 1.427 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049808.D
Acq: 20 Jul 2022 17:13

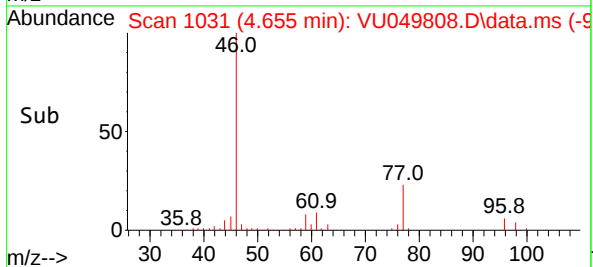
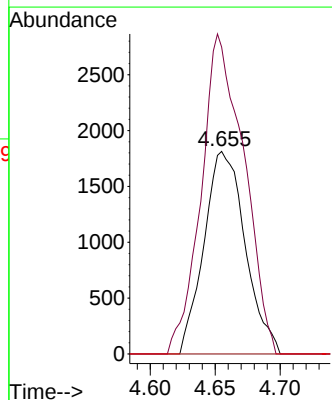
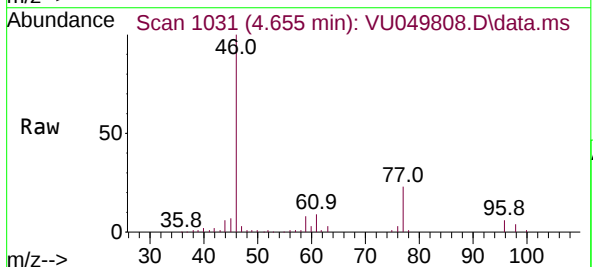
Instrument :
MSVOA_U
ClientSampleId :
F5C91ME

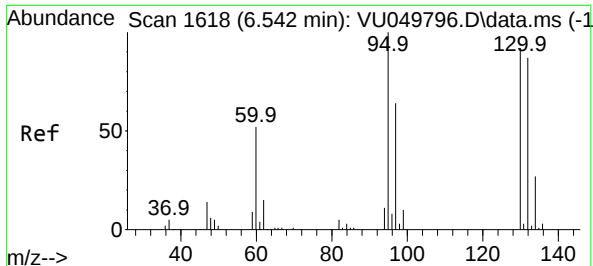
Tgt Ion: 84 Resp: 2288
Ion Ratio Lower Upper
84 100
86 71.3 45.6 84.6
49 131.5 94.4 175.4



#20
cis-1,2-Dichloroethene
Concen: 2.556 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049808.D
Acq: 20 Jul 2022 17:13

Tgt Ion: 96 Resp: 4001
Ion Ratio Lower Upper
96 100
61 151.5 101.1 187.7
68 0.0 0.0 0.0

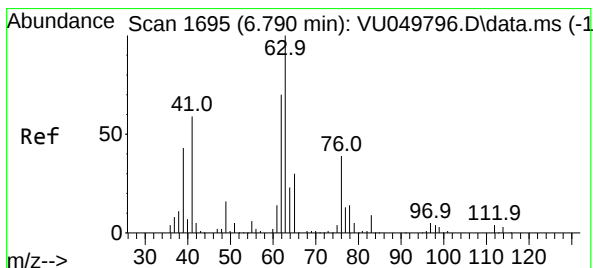
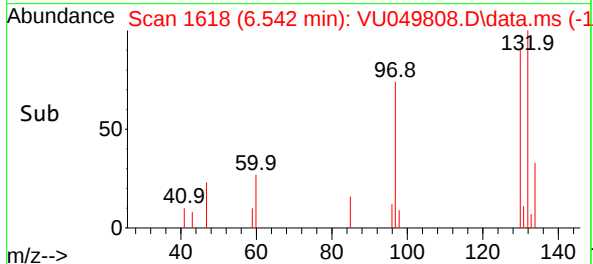
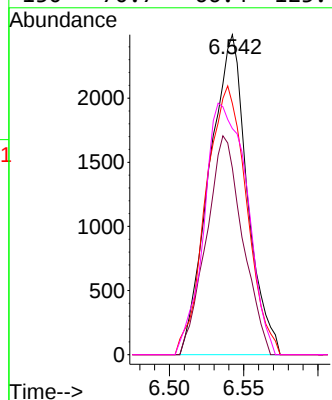
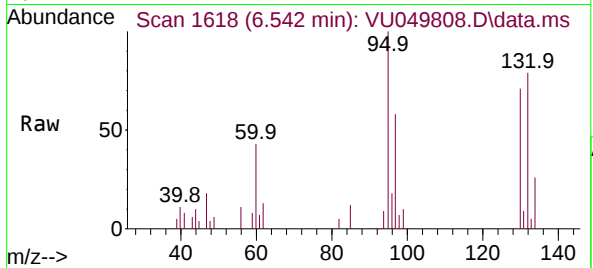




#34
Trichloroethene
Concen: 2.805 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049808.D
Acq: 20 Jul 2022 17:13

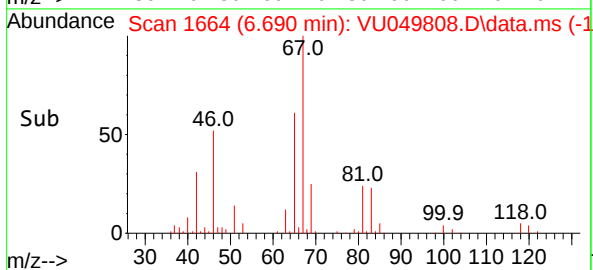
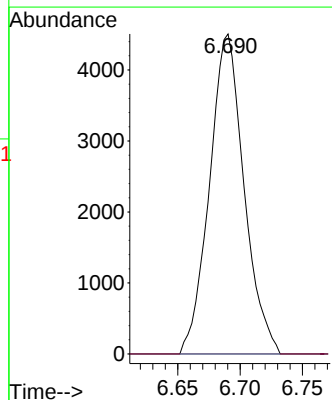
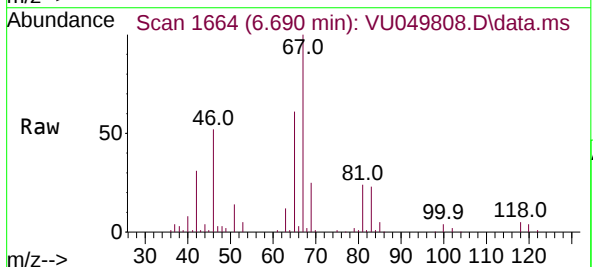
Instrument :
MSVOA_U
ClientSampleId :
F5C91ME

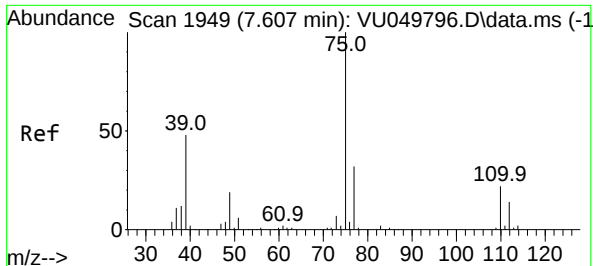
Tgt Ion: 95 Resp: 4409
Ion Ratio Lower Upper
95 100
97 58.3 46.9 87.1
132 78.5 62.7 116.5
130 70.7 66.4 123.4



#37
1,2-Dichloropropane
Concen: 4.820 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049808.D
Acq: 20 Jul 2022 17:13

Tgt Ion: 63 Resp: 8687
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.878 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049808.D

Acq: 20 Jul 2022 17:13

Instrument :

MSVOA_U

ClientSampleId :

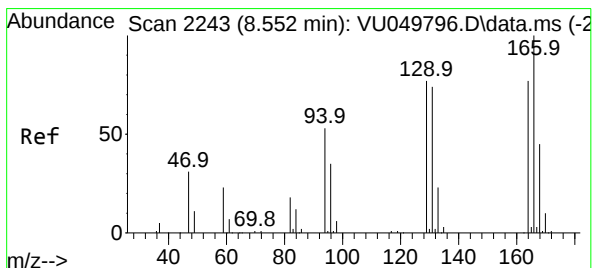
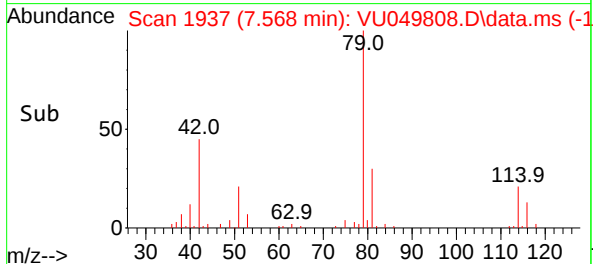
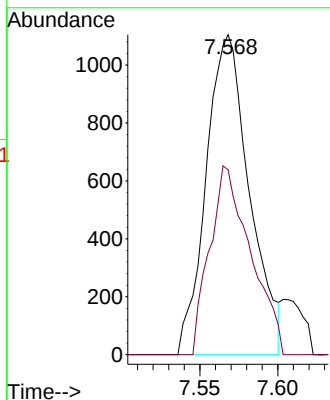
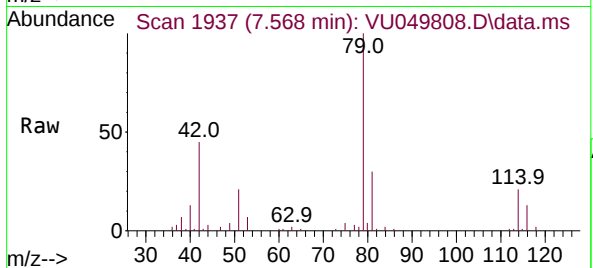
F5C91ME

Tgt Ion: 75 Resp: 2135

Ion Ratio Lower Upper

75 100

77 57.8 22.6 42.0#



#46

Tetrachloroethene

Concen: 8.832 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU049808.D

Acq: 20 Jul 2022 17:13

Tgt Ion: 164 Resp: 9627

Ion Ratio Lower Upper

164 100

129 105.5 72.0 133.8

131 103.7 69.0 128.1

166 136.8 91.1 169.3

