

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047576.D
 Acq On : 15 Mar 2022 14:44
 Operator : SY/MD
 Sample : N1858-14RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:46:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

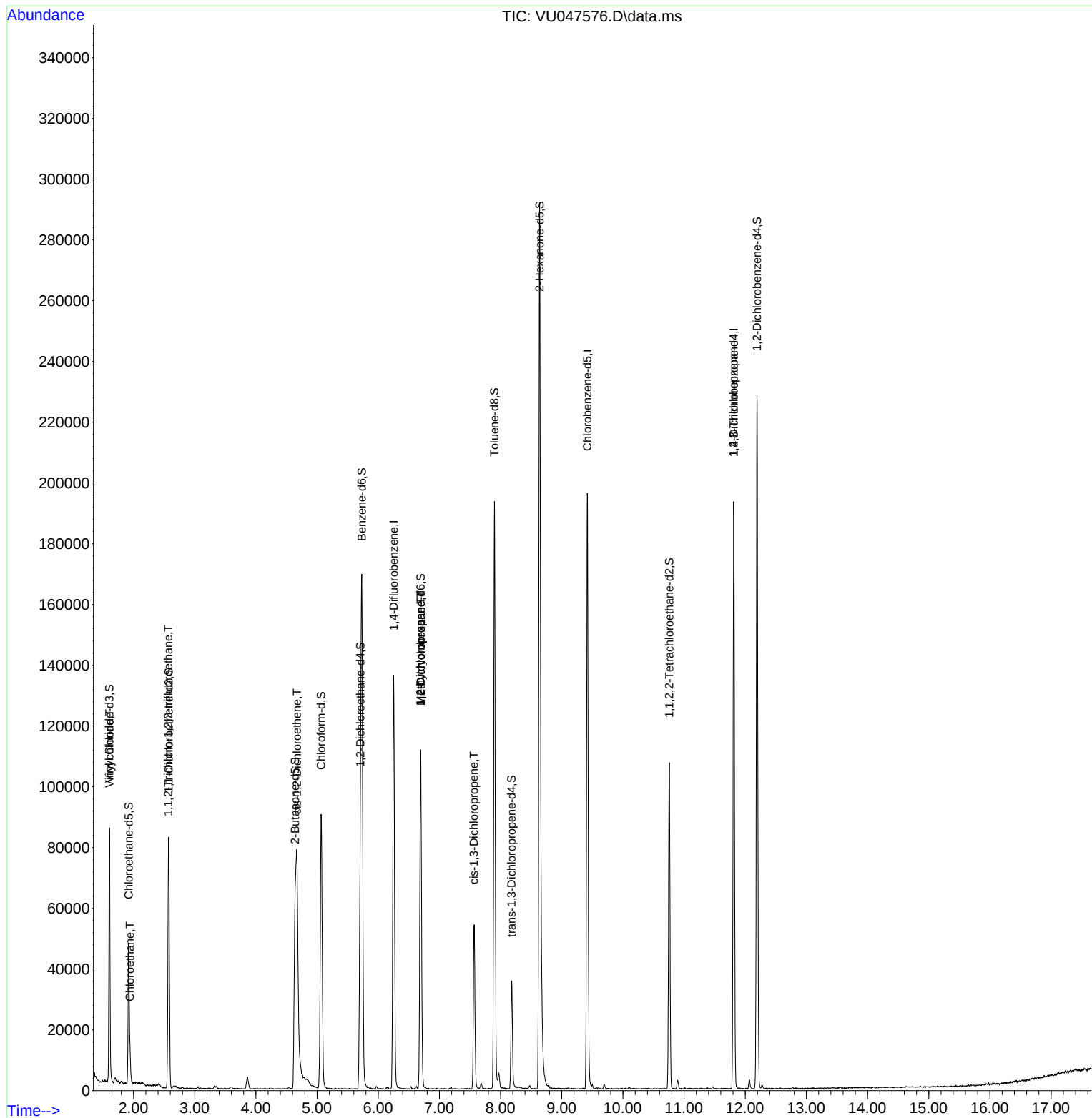
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	117423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34569	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.919	69	34962	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.575	65	15086	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.642	46	130539	59.078	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.160%
24) Chloroform-d	5.067	84	84554	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.706	65	48227	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.732	84	161704	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.693	67	54282	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.899	98	133748	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.179	79	20815	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.639	63	117564	49.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53770	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	62490	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
5) Vinyl chloride	1.607	62	29139	3.988	ug/L	99
8) Chloroethane	1.941	64	5268	1.193	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	440	0.073	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	25229	3.616	ug/L	96
35) Methylcyclohexane	6.693	83	12695	1.237	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5888	0.854	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1541	0.144	ug/L #	71
61) 1,2,3-Trichloropropane	11.812	75	5616	1.222	ug/L #	65

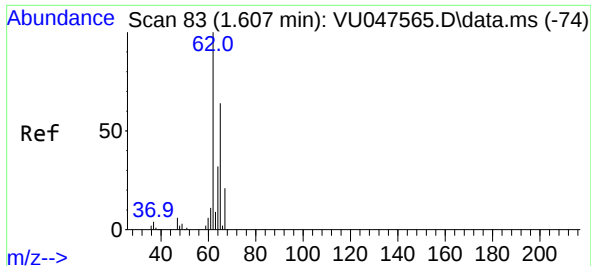
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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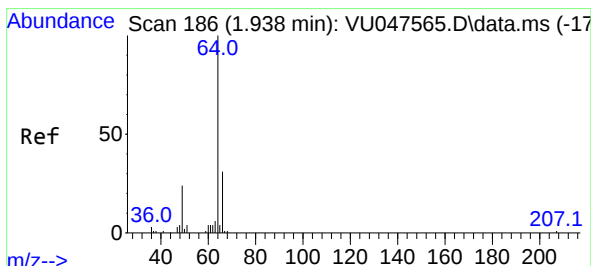
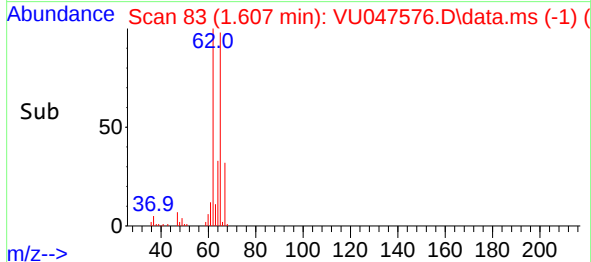
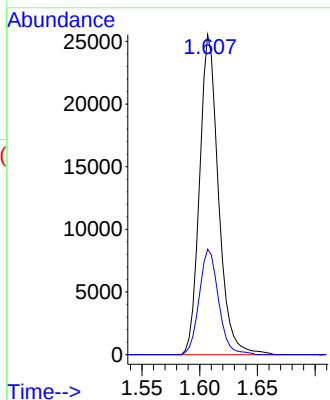
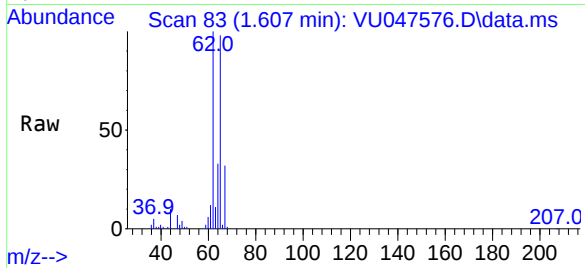




#5
 Vinyl chloride
 Concen: 3.988 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047576.D
 Acq: 15 Mar 2022 14:44

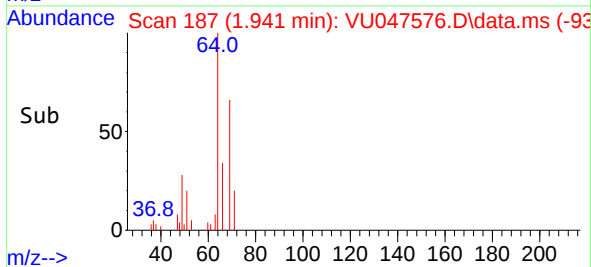
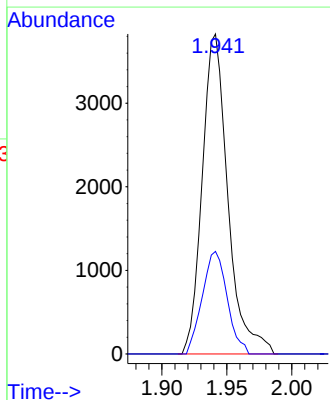
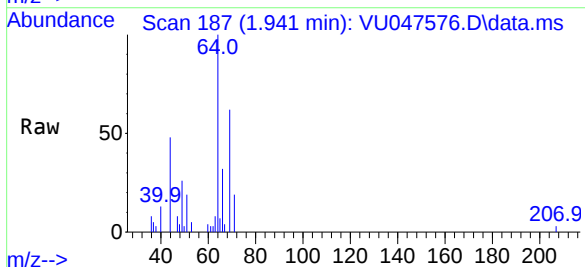
Instrument :
 MSVOA_U
 ClientSampleId :

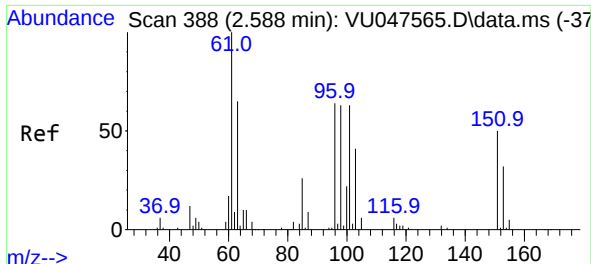
Tgt Ion: 62 Resp: 29139
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.5 43.7



#8
 Chloroethane
 Concen: 1.193 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU047576.D
 Acq: 15 Mar 2022 14:44

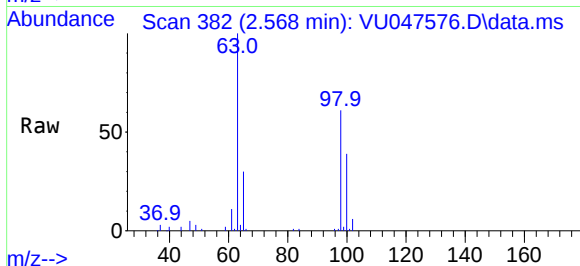
Tgt Ion: 64 Resp: 5268
 Ion Ratio Lower Upper
 64 100
 66 32.0 22.0 40.8



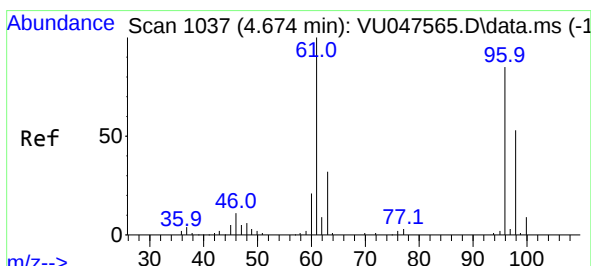
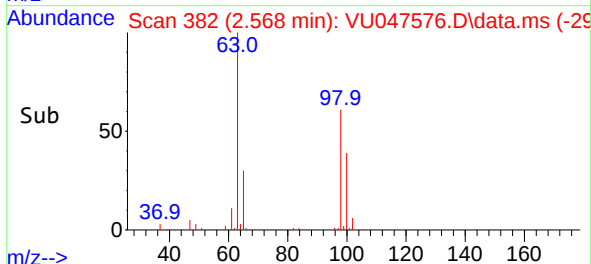
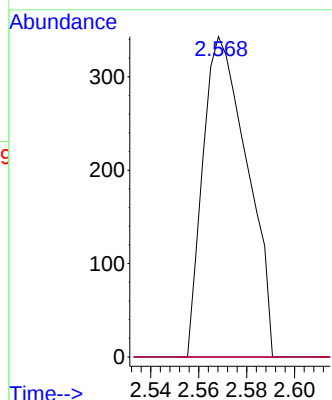


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU047576.D
Acq: 15 Mar 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :

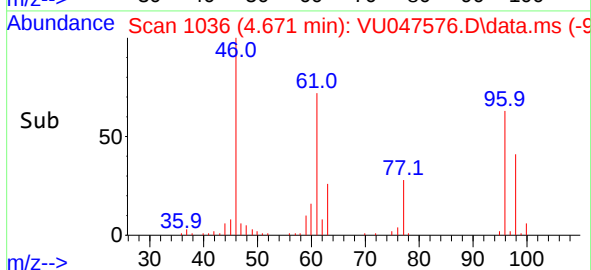
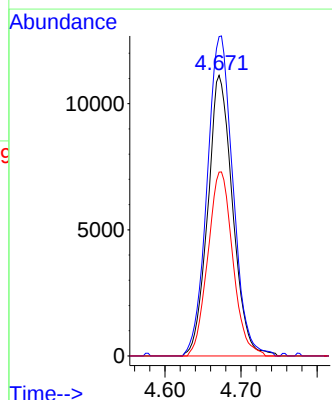
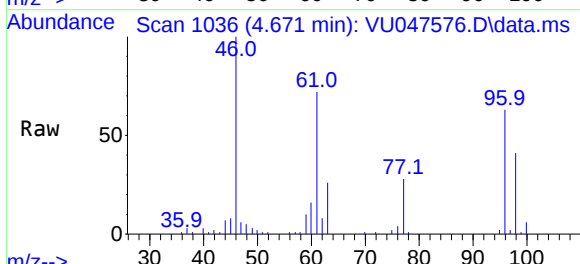


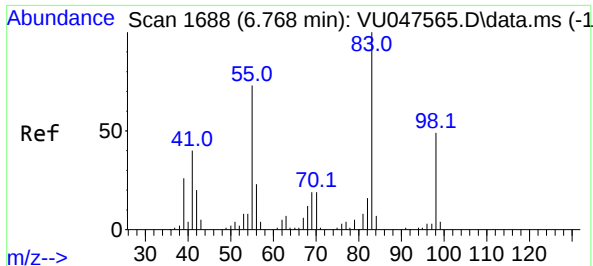
Tgt Ion:101 Resp: 440
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#22
cis-1,2-Dichloroethene
Concen: 3.616 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047576.D
Acq: 15 Mar 2022 14:44

Tgt Ion: 96 Resp: 25229
Ion Ratio Lower Upper
96 100
61 113.8 83.9 155.7
98 65.5 46.4 86.2





#35

Methylcyclohexane

Concen: 1.237 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047576.D

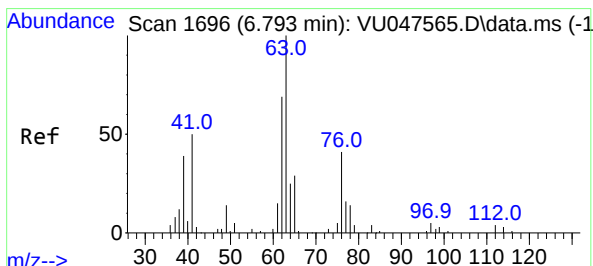
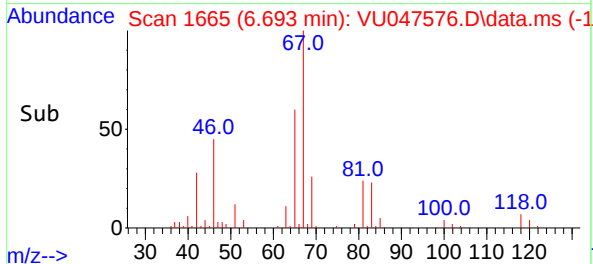
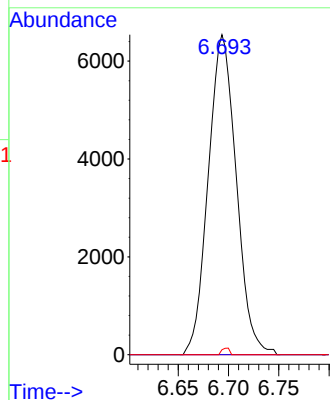
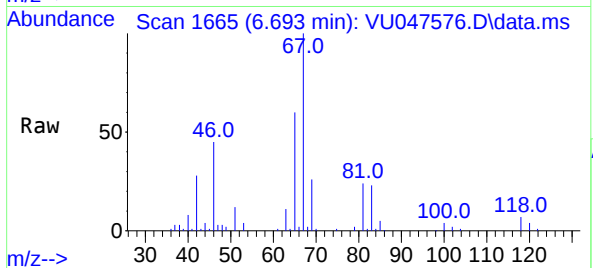
Acq: 15 Mar 2022 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12695
Ion Ratio	Lower Upper
83 100	
55 0.0	57.3 85.9#
98 0.6	37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.854 ug/L

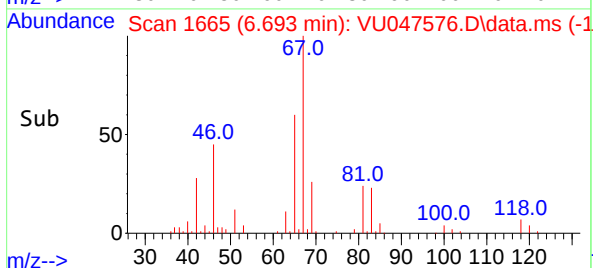
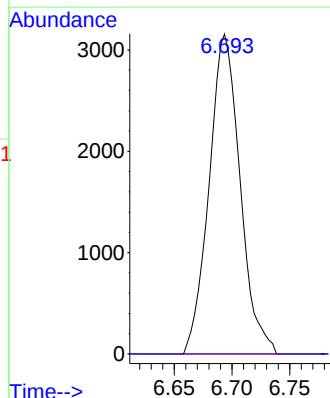
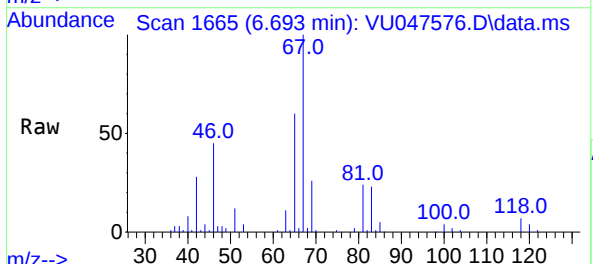
RT: 6.693 min Scan# 1665

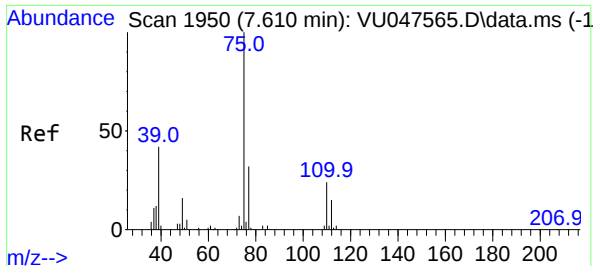
Delta R.T. -0.100 min

Lab File: VU047576.D

Acq: 15 Mar 2022 14:44

Tgt Ion: 63	Resp: 5888
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#

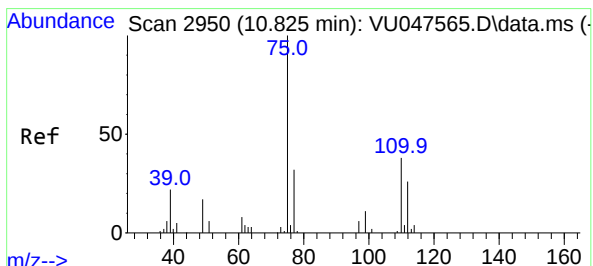
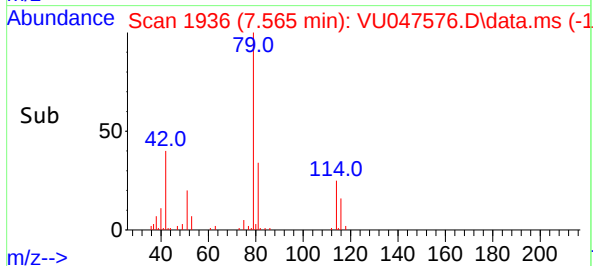
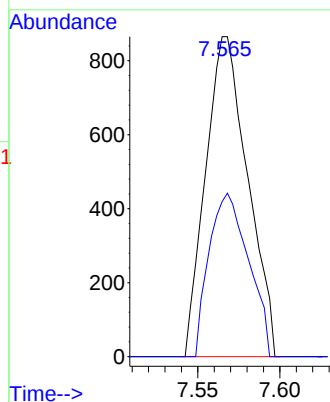
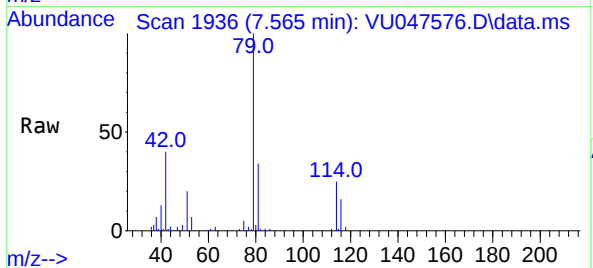




#39
cis-1,3-Dichloropropene
Concen: 0.144 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU047576.D
Acq: 15 Mar 2022 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1541
Ion Ratio Lower Upper
75 100
77 48.4 22.6 42.0#



#61
1,2,3-Trichloropropane
Concen: 1.222 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047576.D
Acq: 15 Mar 2022 14:44

Tgt Ion: 75 Resp: 5616
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 31.9 26.6 39.8

