

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049935.D
 Acq On : 27 Jul 2022 01:21
 Operator : SY/MD
 Sample : N3873-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ29

Quant Time: Jul 27 05:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

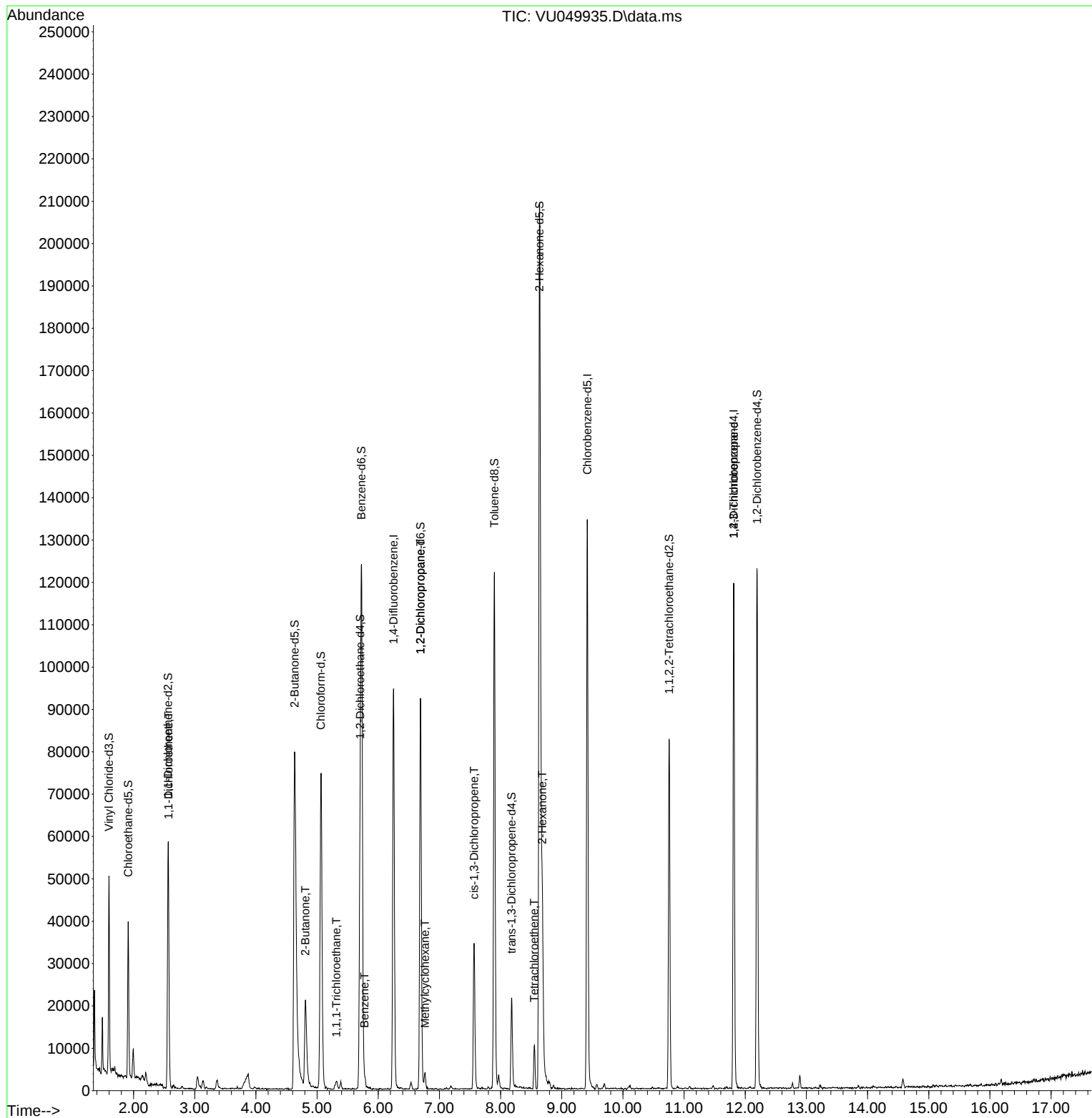
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	74944	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25308	4.171	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.912	69	24878	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	11183	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.633	46	135860	62.233	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.460%	
24) Chloroform-d	5.063	84	67994	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.703	65	39842	5.028	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.726	84	108796	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.690	67	43259	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.899	98	81132	3.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.179	79	12894	4.194	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.636	63	63839	52.406	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.820%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	41031	5.770	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	31065	4.954	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	864	0.174	ug/L #	1
21) 2-Butanone	4.809	43	29943	13.446	ug/L #	53
29) 1,1,1-Trichloroethane	5.314	97	1664	0.165	ug/L #	62
33) Benzene	5.774	78	2042	0.078	ug/L	100
35) Methylcyclohexane	6.764	83	1151	0.147	ug/L #	88
37) 1,2-Dichloropropane	6.690	63	5167	0.695	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	953	0.097	ug/L	99
47) Tetrachloroethene	8.549	164	2119	0.486	ug/L	93
48) 2-Hexanone	8.684	43	23921	6.177	ug/L #	92
61) 1,2,3-Trichloropropane	11.812	75	4374	1.081	ug/L #	69

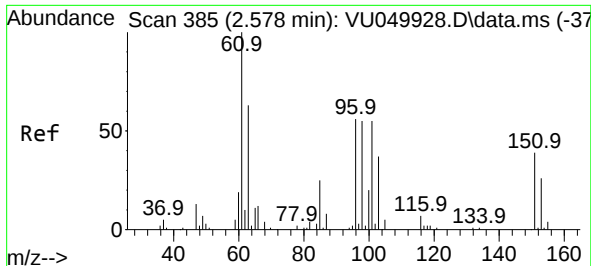
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.174 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU049935.D

Acq: 27 Jul 2022 01:21

Instrument :

MSVOA_U

ClientSampleId :

GBJ29

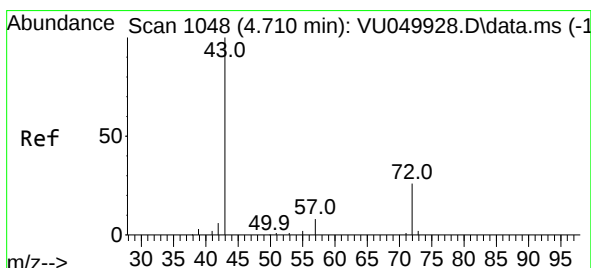
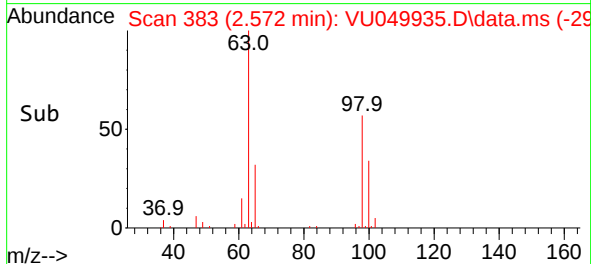
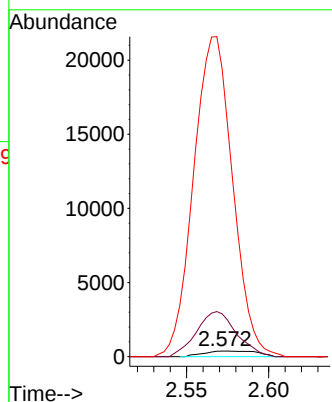
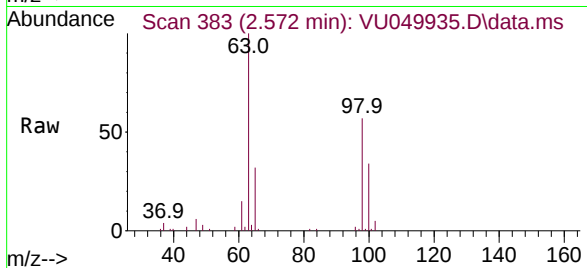
Tgt Ion: 96 Resp: 864

Ion Ratio Lower Upper

96 100

61 758.8 131.6 244.4#

63 5098.2 100.0 185.6#



#21

2-Butanone

Concen: 13.446 ug/L

RT: 4.809 min Scan# 1079

Delta R.T. 0.099 min

Lab File: VU049935.D

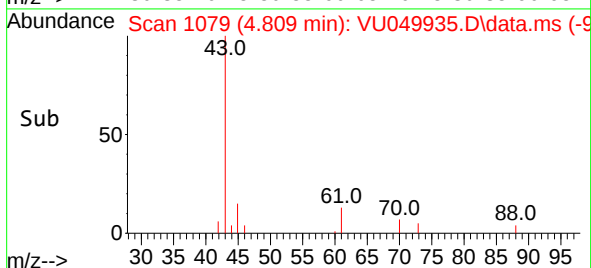
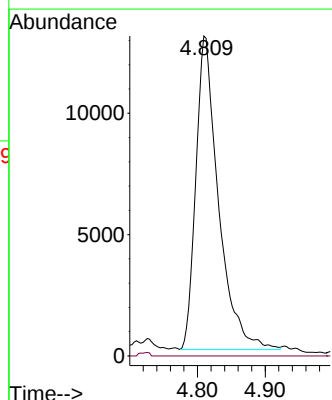
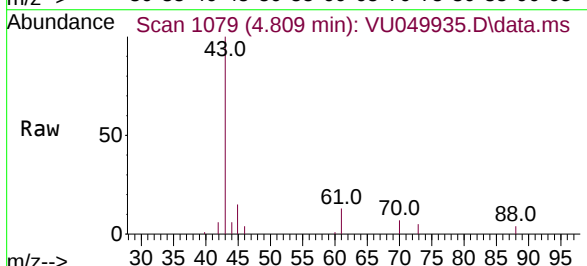
Acq: 27 Jul 2022 01:21

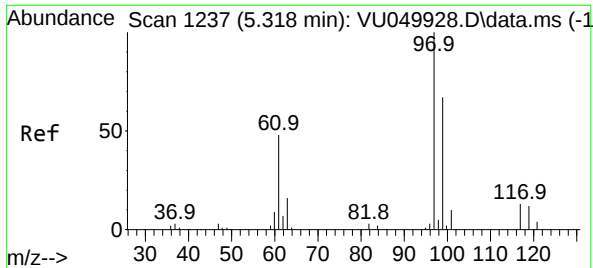
Tgt Ion: 43 Resp: 29943

Ion Ratio Lower Upper

43 100

72 0.5 11.9 35.5#

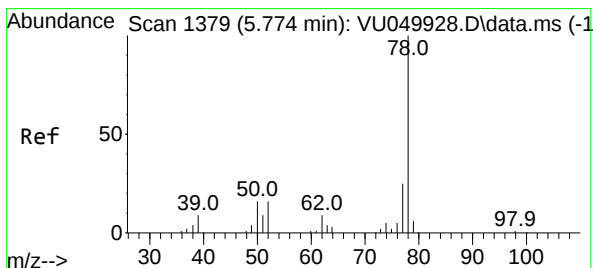
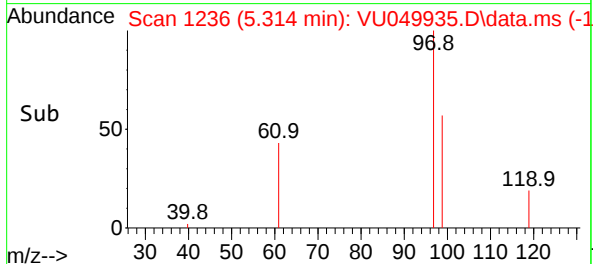
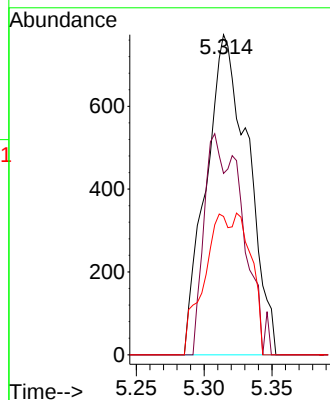
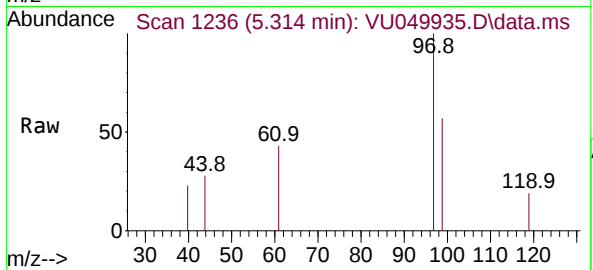




#29
1,1,1-Trichloroethane
Concen: 0.165 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

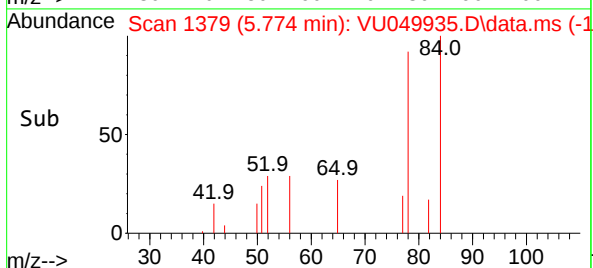
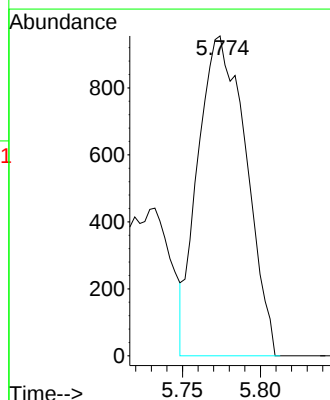
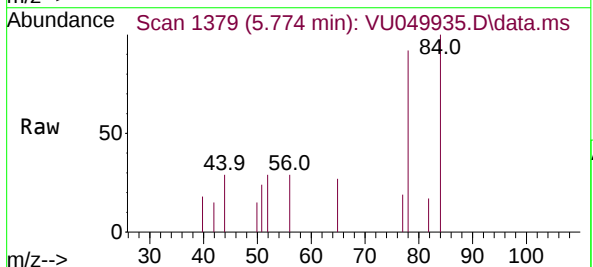
Instrument :
MSVOA_U
ClientSampleId :
GBJ29

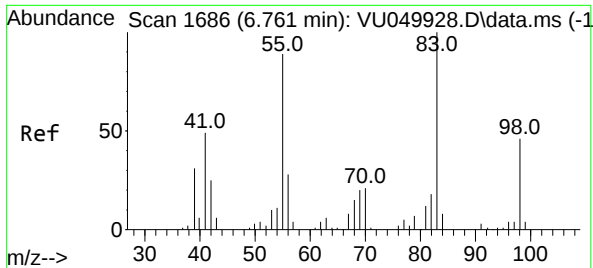
Tgt Ion: 97 Resp: 1664
Ion Ratio Lower Upper
97 100
99 31.9 51.8 77.8#
61 26.1 38.3 57.5#



#33
Benzene
Concen: 0.078 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

Tgt Ion: 78 Resp: 2042

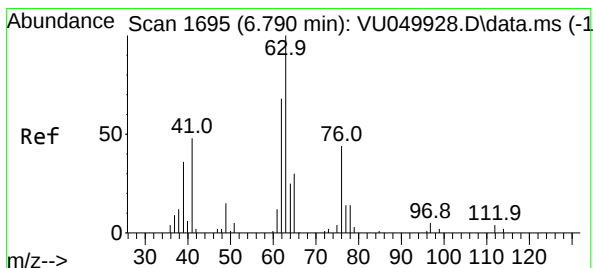
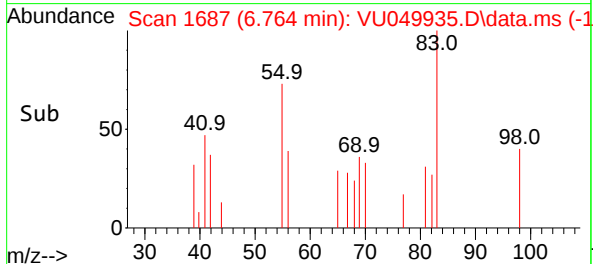
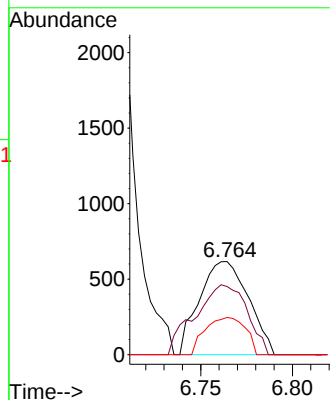
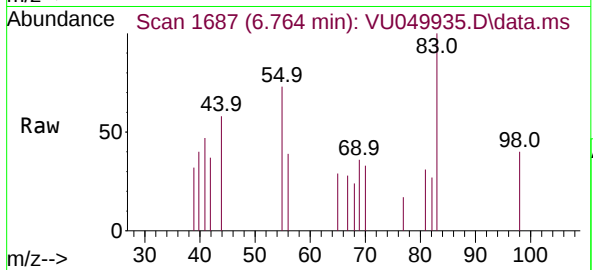




#35
Methylcyclohexane
Concen: 0.147 ug/L
RT: 6.764 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

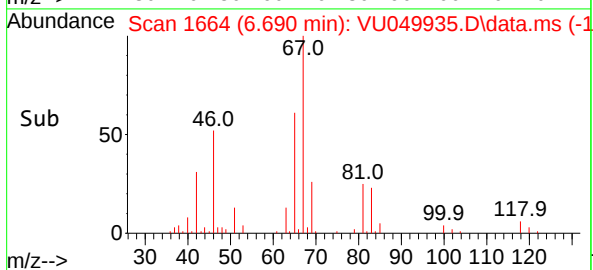
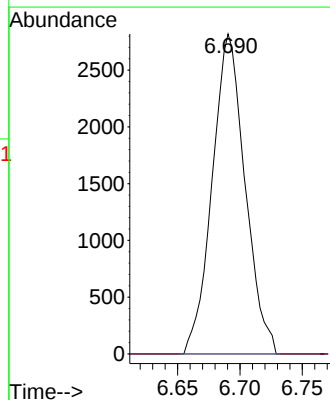
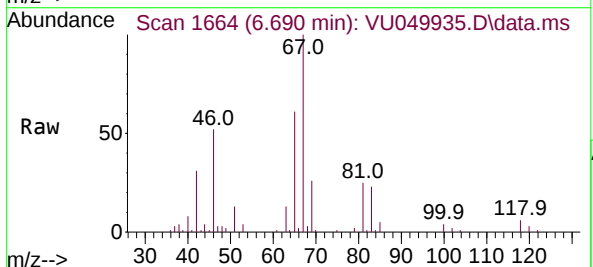
Instrument :
MSVOA_U
ClientSampleId :
GBJ29

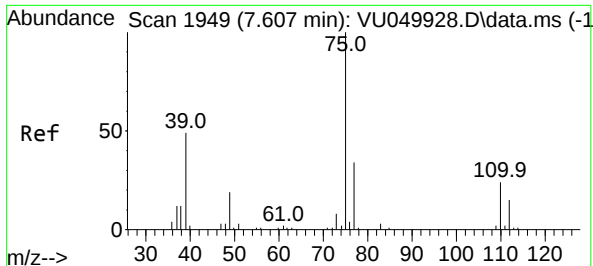
Tgt Ion: 83 Resp: 1151
Ion Ratio Lower Upper
83 100
55 79.3 69.0 103.4
98 32.7 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

Tgt Ion: 63 Resp: 5167
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049935.D

Acq: 27 Jul 2022 01:21

Instrument :

MSVOA_U

ClientSampleId :

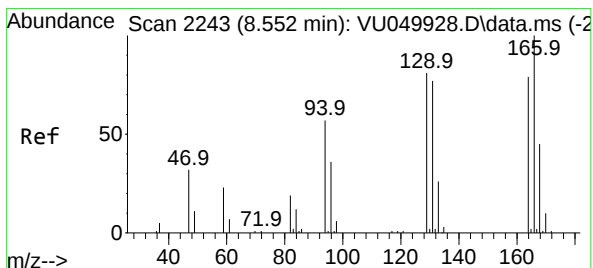
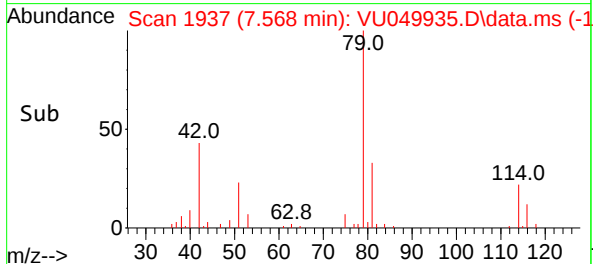
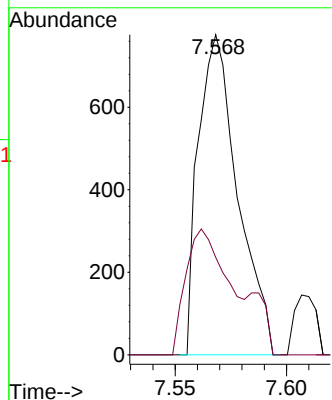
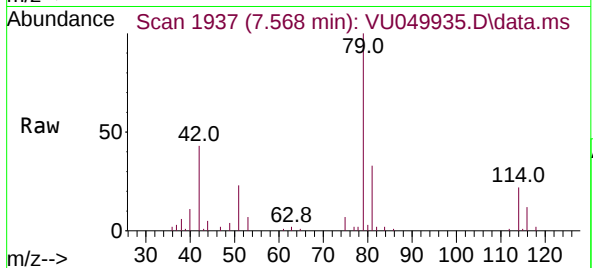
GBJ29

Tgt Ion: 75 Resp: 953

Ion Ratio Lower Upper

75 100

77 30.4 21.6 40.0



#47

Tetrachloroethene

Concen: 0.486 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU049935.D

Acq: 27 Jul 2022 01:21

Tgt Ion: 164 Resp: 2119

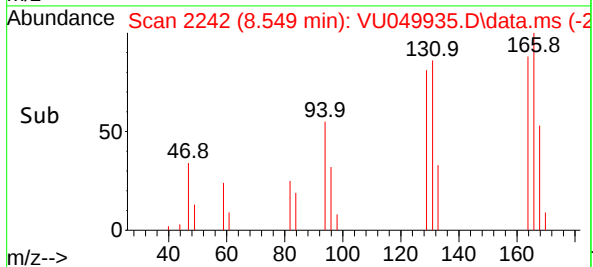
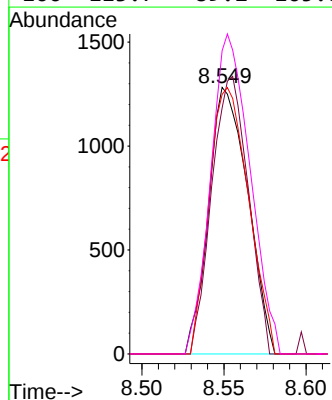
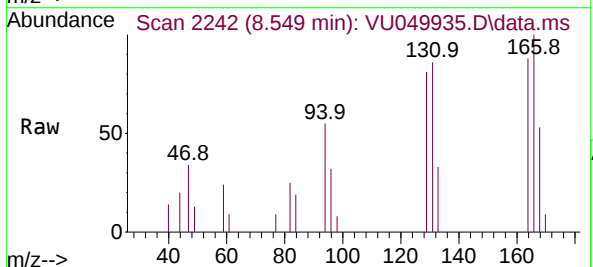
Ion Ratio Lower Upper

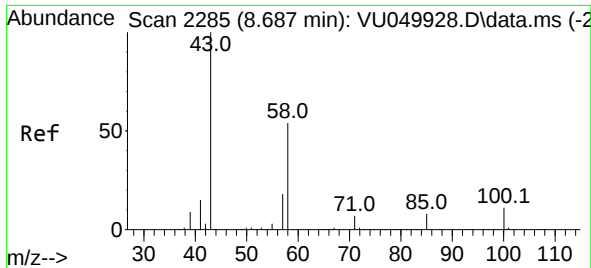
164 100

129 92.3 68.9 127.9

131 97.3 67.5 125.4

166 113.7 89.2 165.8

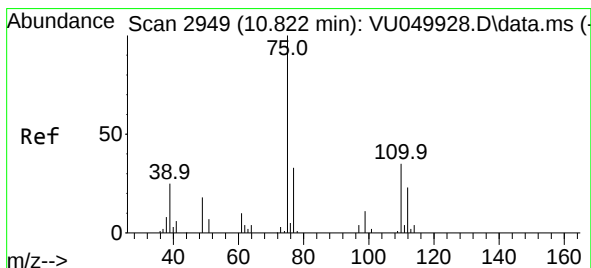
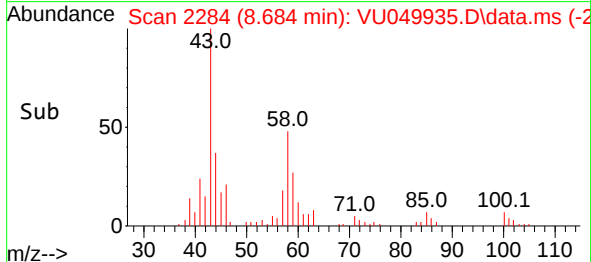
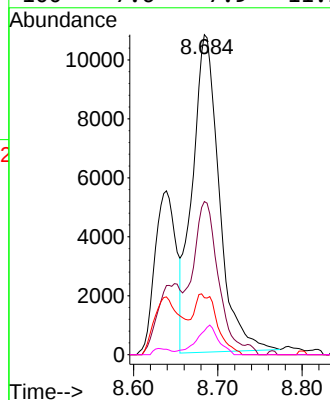
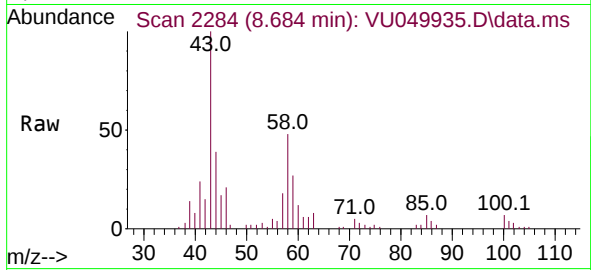




#48
2-Hexanone
Concen: 6.177 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 23921
Ion Ratio Lower Upper
43 100
58 45.1 42.1 63.1
57 17.0 14.3 21.5
100 7.6 7.9 11.9#



#61
1,2,3-Trichloropropane
Concen: 1.081 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049935.D
Acq: 27 Jul 2022 01:21

Tgt Ion: 75 Resp: 4374
Ion Ratio Lower Upper
75 100
110 1.6 28.0 42.0#
77 31.2 25.4 38.2

