

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049917.D
 Acq On : 26 Jul 2022 17:10
 Operator : SY/MD
 Sample : N3870-08DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ07DL

Quant Time: Jul 27 03:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

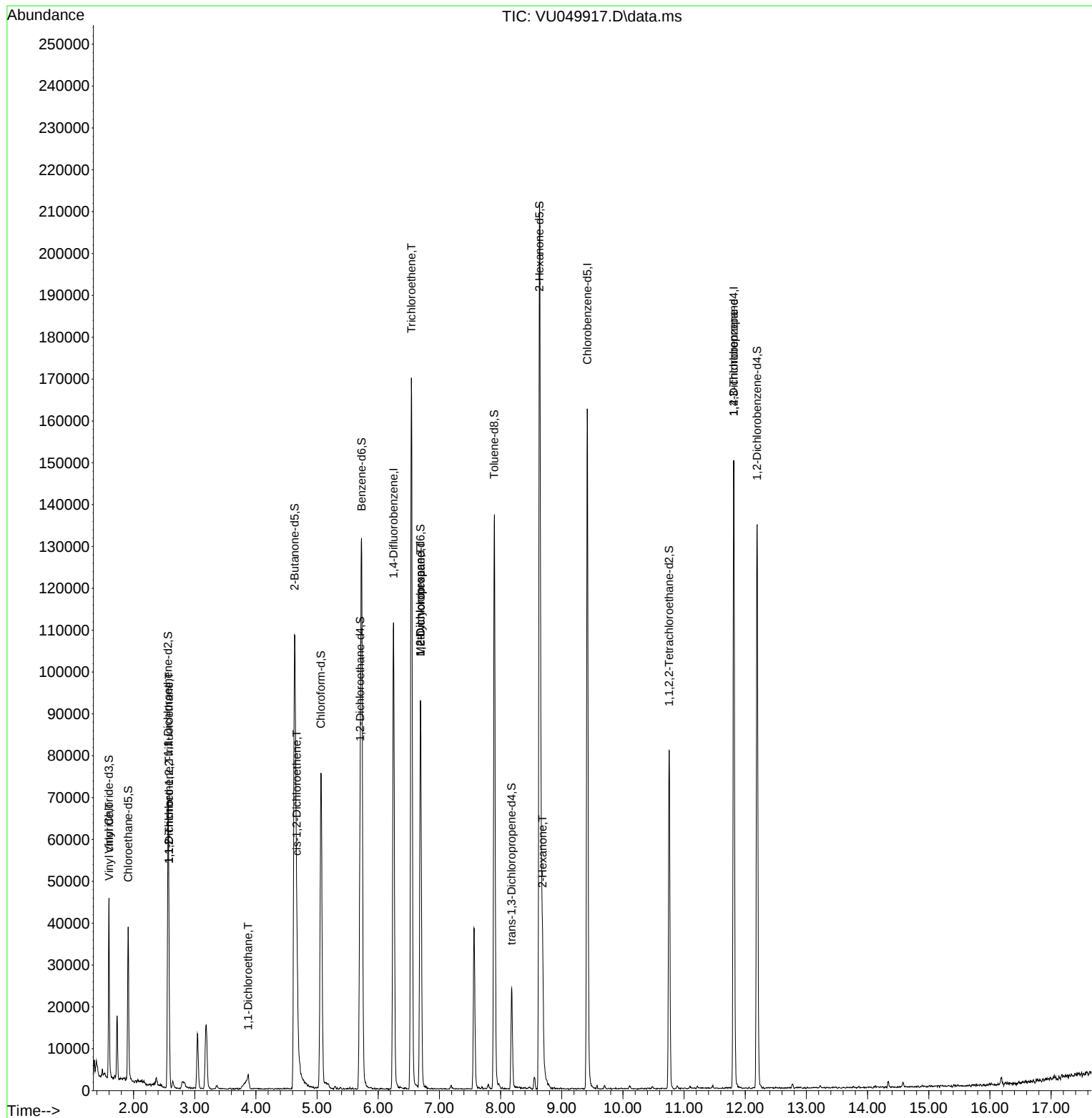
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27487	3.955	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.912	69	25385	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.565	65	12104	3.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.633	46	127578	51.021	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.040%	
24) Chloroform-d	5.063	84	68919	4.453	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.703	65	40025	4.410	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.729	84	116711	4.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.690	67	44023	4.408	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.896	98	91403	3.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	8.179	79	13908	3.835	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.636	63	63954	44.508	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.020%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	40784	4.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34241	4.281	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	758	0.081	ug/L #	13
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3978	0.710	ug/L	91
12) 1,1-Dichloroethene	2.578	96	1138	0.201	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1646	0.116	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	6274	0.826	ug/L	96
34) Trichloroethene	6.542	95	58979	7.901	ug/L	96
35) Methylcyclohexane	6.690	83	9119	0.990	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	5021	0.572	ug/L #	89
48) 2-Hexanone	8.687	43	20376	4.461	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	5610	1.087	ug/L #	64

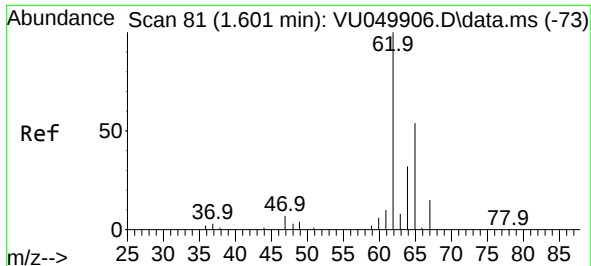
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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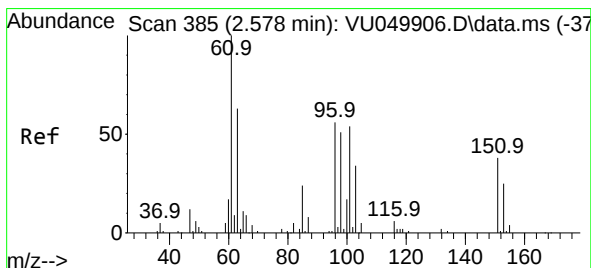
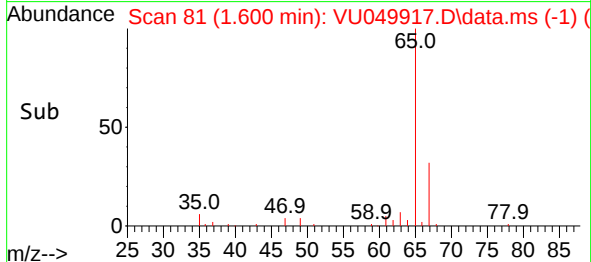
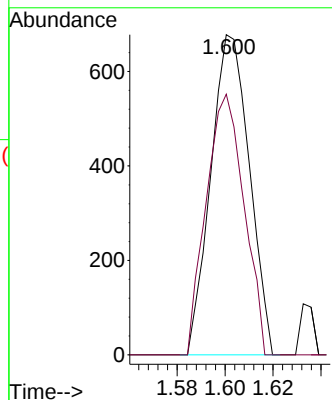
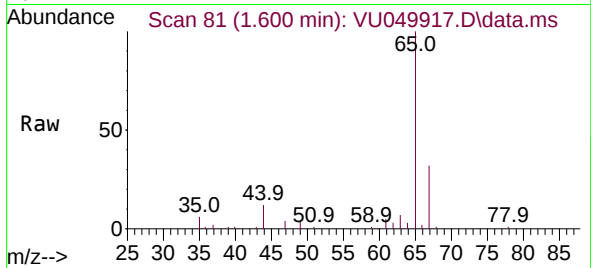




#5
 Vinyl chloride
 Concen: 0.081 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049917.D
 Acq: 26 Jul 2022 17:10

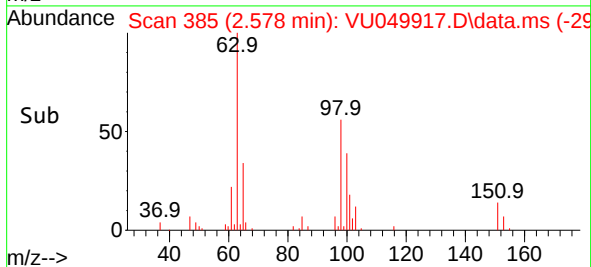
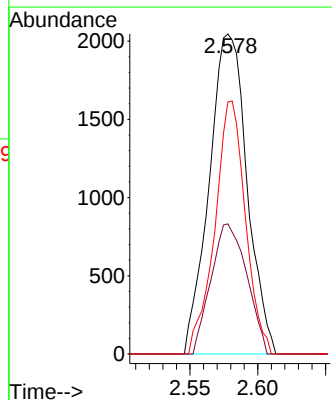
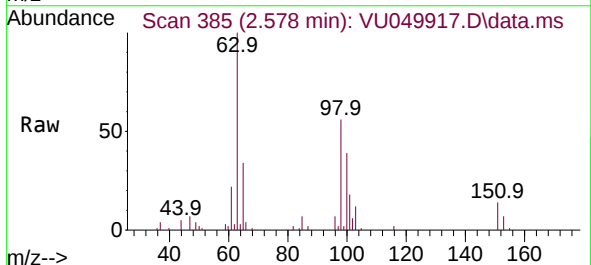
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ07DL

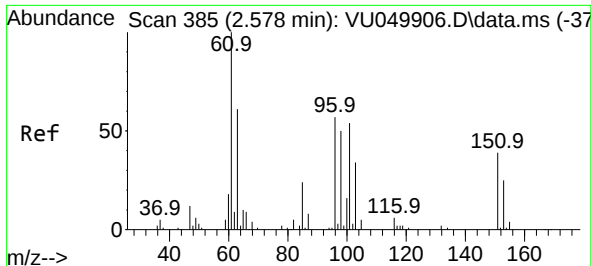
Tgt Ion: 62 Resp: 758
 Ion Ratio Lower Upper
 62 100
 64 81.4 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.710 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049917.D
 Acq: 26 Jul 2022 17:10

Tgt Ion: 101 Resp: 3978
 Ion Ratio Lower Upper
 101 100
 85 38.4 37.2 55.8
 151 63.8 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.201 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU049917.D

Acq: 26 Jul 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

GBJ07DL

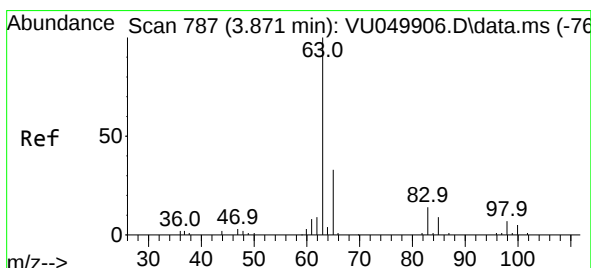
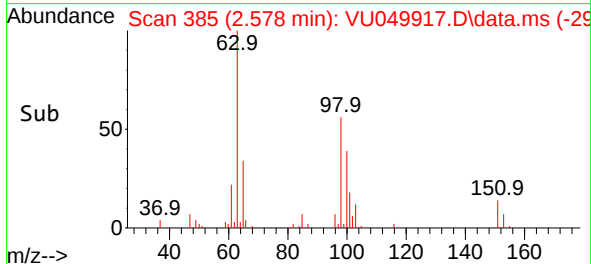
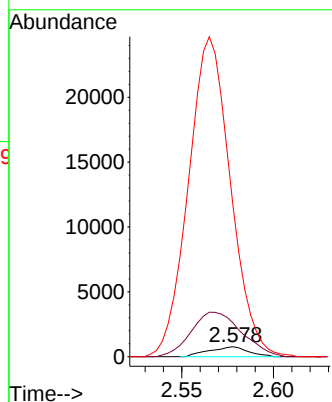
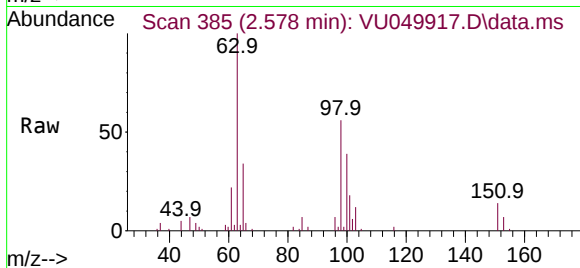
Tgt Ion: 96 Resp: 1138

Ion Ratio Lower Upper

96 100

61 339.0 131.6 244.4#

63 1515.5 100.0 185.6#



#19

1,1-Dichloroethane

Concen: 0.116 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU049917.D

Acq: 26 Jul 2022 17:10

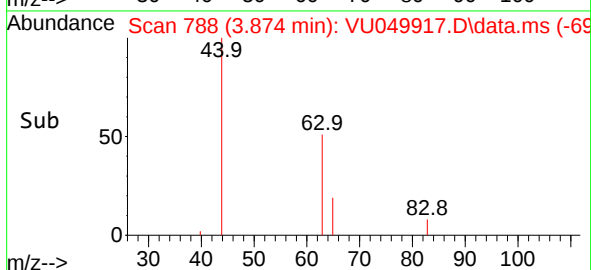
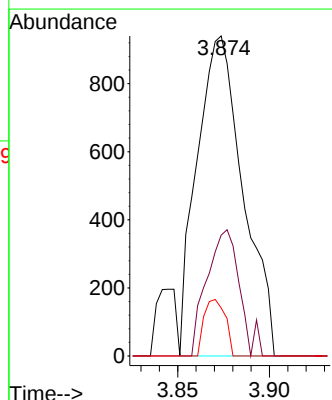
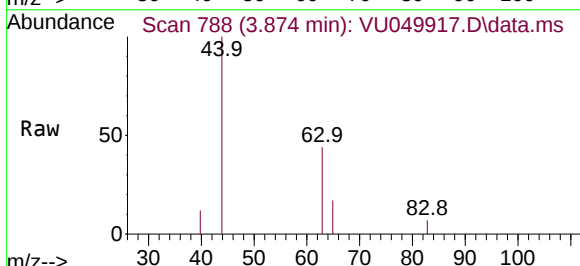
Tgt Ion: 63 Resp: 1646

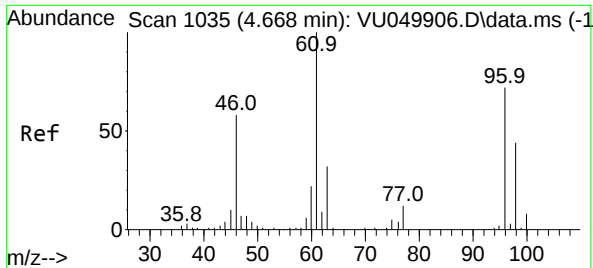
Ion Ratio Lower Upper

63 100

65 37.8 22.5 41.9

83 15.0 8.3 15.5

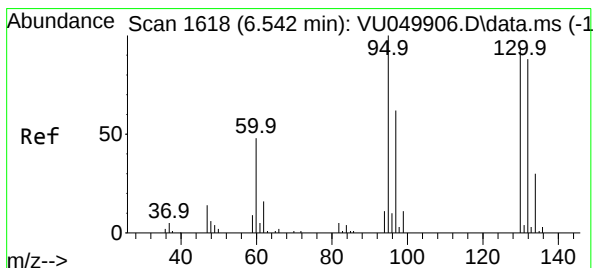
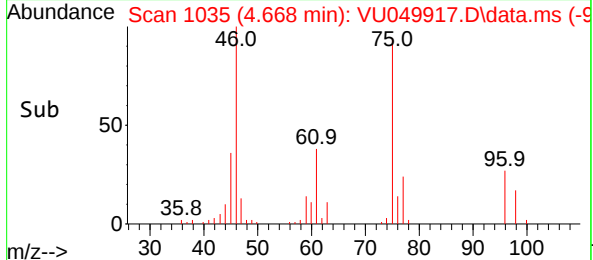
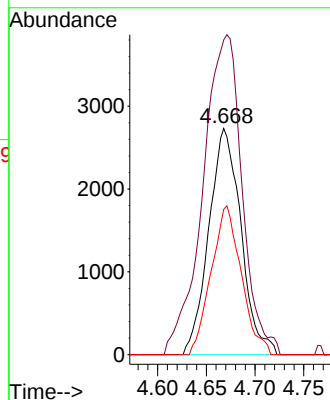
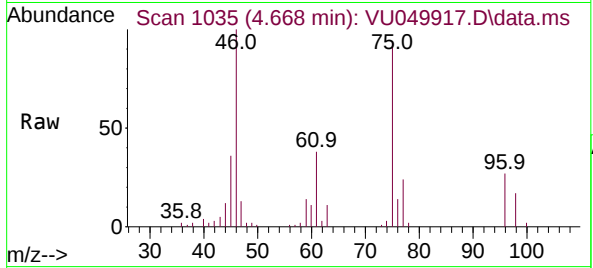




#22
 cis-1,2-Dichloroethene
 Concen: 0.826 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049917.D
 Acq: 26 Jul 2022 17:10

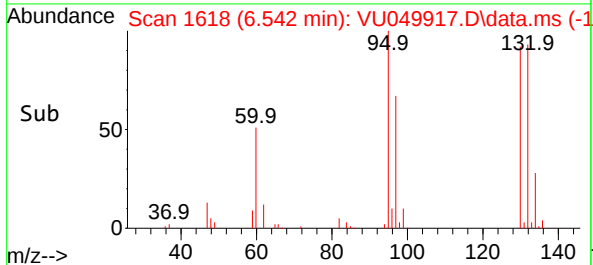
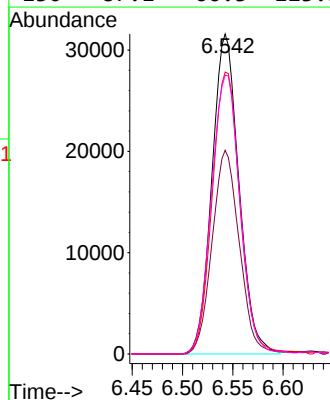
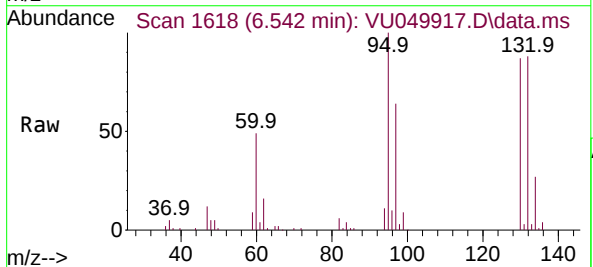
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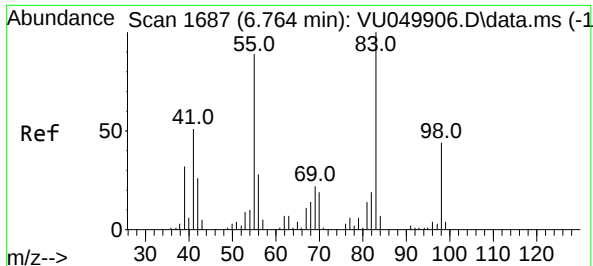
Tgt Ion: 96 Resp: 6274
 Ion Ratio Lower Upper
 96 100
 61 139.1 93.9 174.3
 98 64.3 43.9 81.5



#34
 Trichloroethene
 Concen: 7.901 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU049917.D
 Acq: 26 Jul 2022 17:10

Tgt Ion: 95 Resp: 58979
 Ion Ratio Lower Upper
 95 100
 97 63.6 46.8 86.8
 132 88.1 61.8 114.8
 130 87.1 66.3 123.1

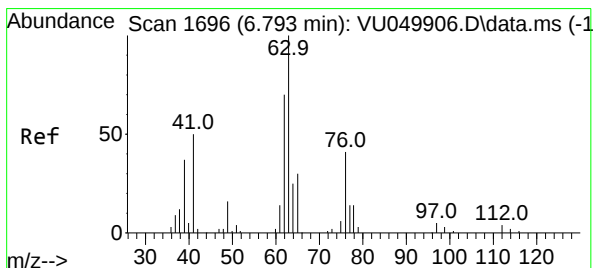
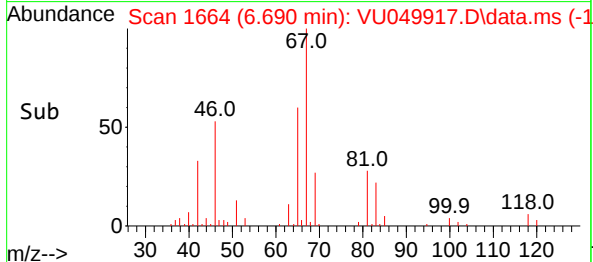
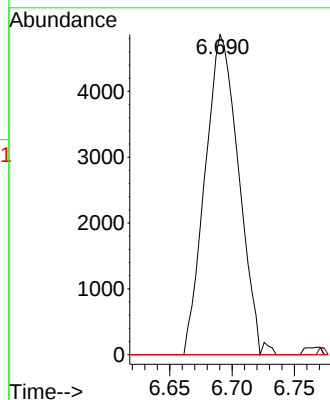
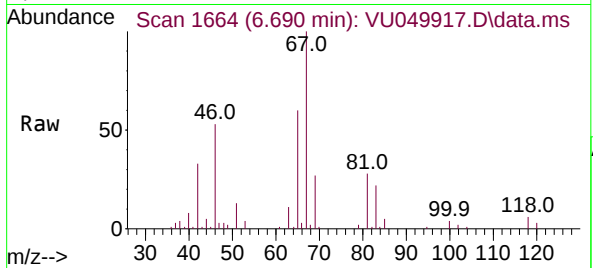




#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049917.D
Acq: 26 Jul 2022 17:10

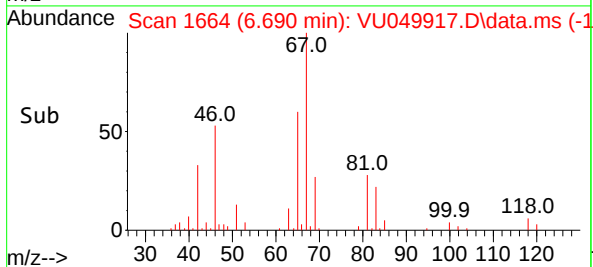
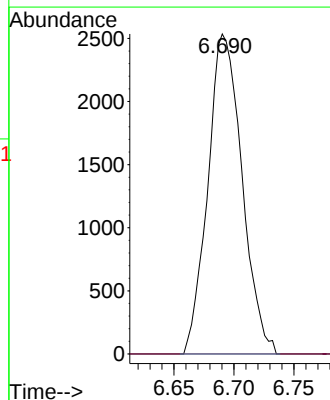
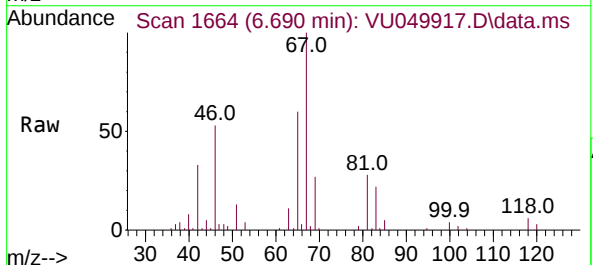
Instrument :
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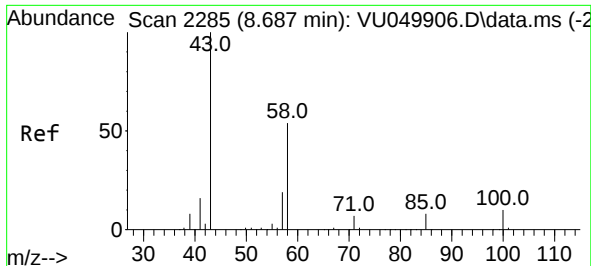
Tgt Ion: 83 Resp: 9119
Ion Ratio Lower Upper
83 100
55 0.4 69.0 103.4#
98 9.3 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049917.D
Acq: 26 Jul 2022 17:10

Tgt Ion: 63 Resp: 5021
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

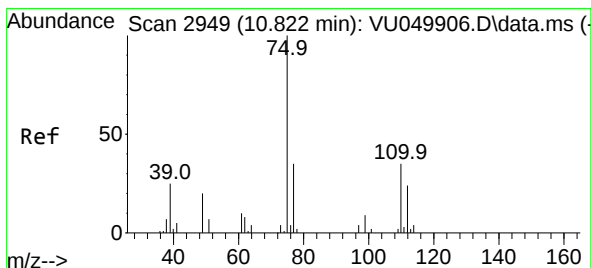
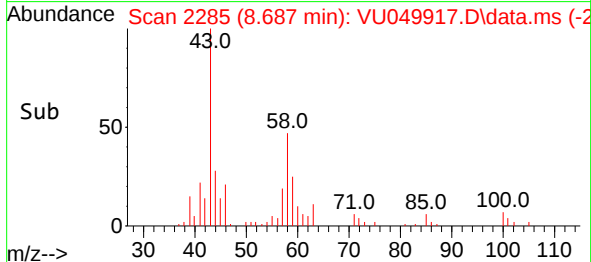
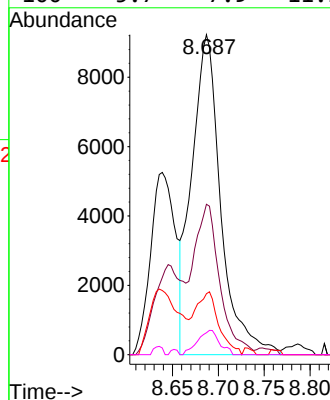
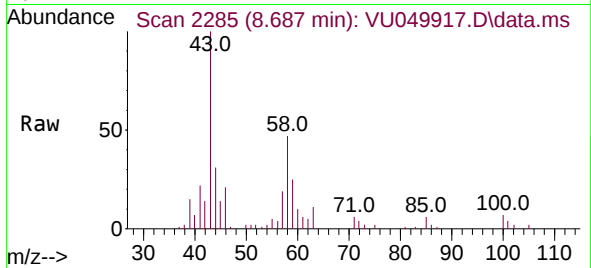




#48
2-Hexanone
Concen: 4.461 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049917.D
Acq: 26 Jul 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	43	Resp:	20376
Ion	Ratio	Lower	Upper
43	100		
58	41.9	42.1	63.1#
57	15.8	14.3	21.5
100	5.7	7.9	11.9#



#61
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049917.D
Acq: 26 Jul 2022 17:10

Tgt Ion:	75	Resp:	5610
Ion	Ratio	Lower	Upper
75	100		
110	0.3	28.0	42.0#
77	26.0	25.4	38.2

