

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053735.D
 Acq On : 17 Apr 2023 18:33
 Operator : JC/MD
 Sample : 02340-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE03

Quant Time: Apr 18 00:22:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

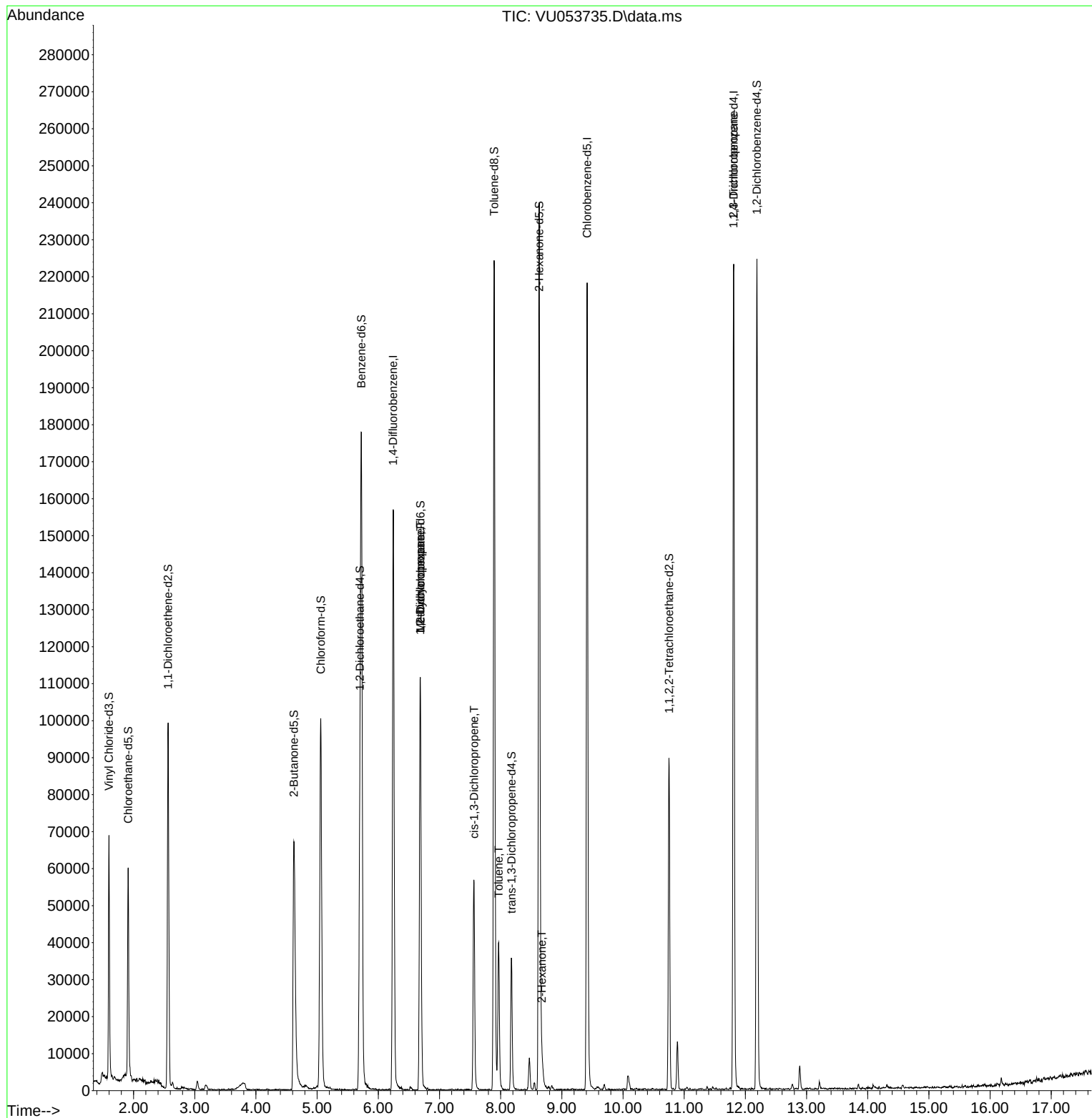
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	135363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48566	5.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.912	69	43985	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.562	65	18583	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.620	46	102637	48.112	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	5.060	84	89238	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.700	65	44775	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.723	84	176042	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.687	67	55062	5.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.893	98	160174	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.176	79	21981	5.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.629	63	86767	50.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45171	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	63527	5.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	13611	0.874	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	5858	0.651	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1569	0.118	ug/L	92
42) Toluene	7.967	91	30626	0.823	ug/L	100
48) 2-Hexanone	8.674	43	2539	0.780	ug/L #	93
61) 1,2,3-Trichloropropane	11.806	75	7360	1.440	ug/L #	66

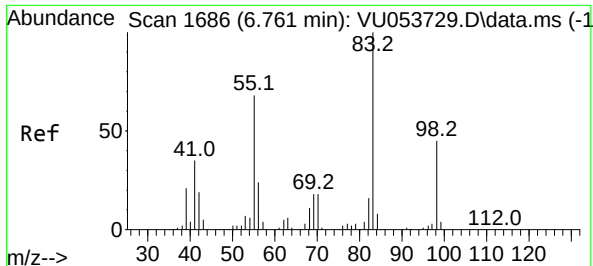
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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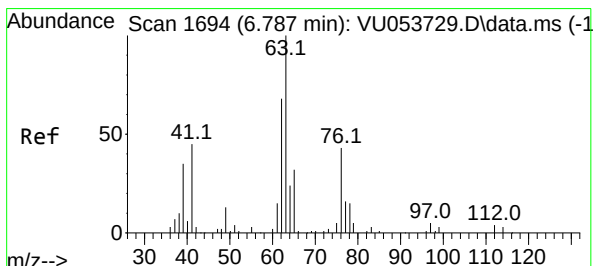
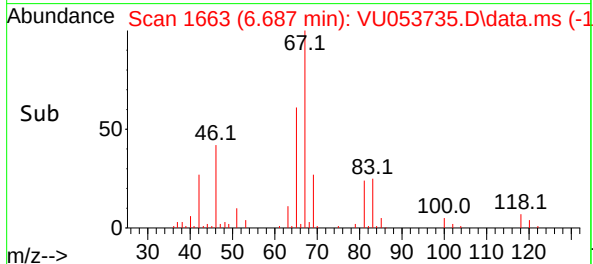
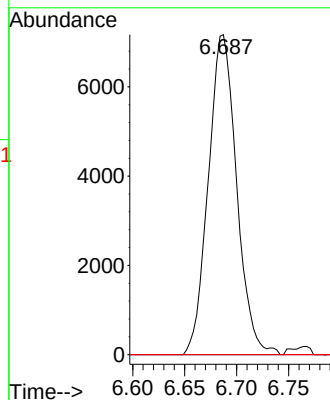
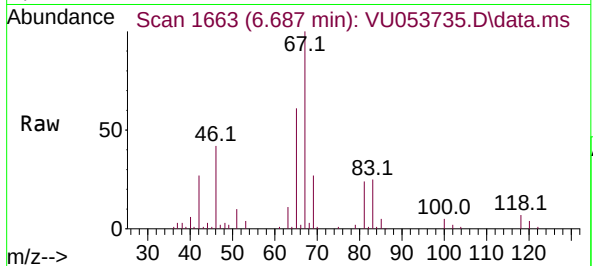




#35
Methylcyclohexane
Concen: 0.874 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053735.D
Acq: 17 Apr 2023 18:33

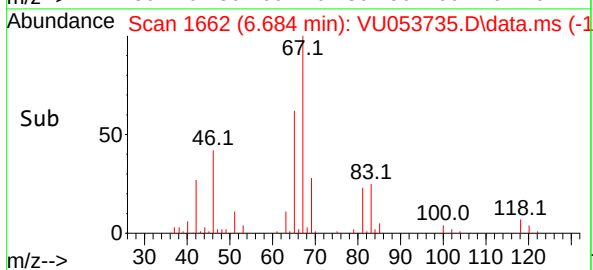
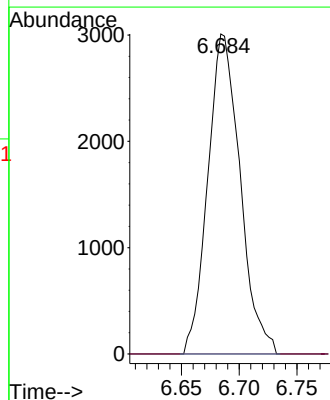
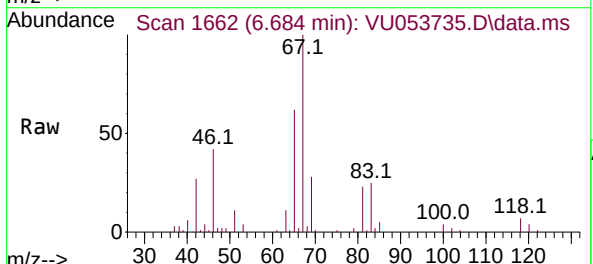
Instrument :
MSVOA_U
ClientSampleId :
BHE03

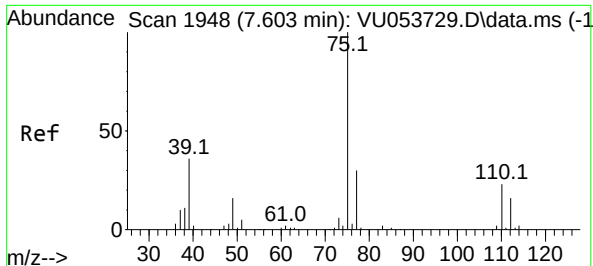
Tgt Ion: 83 Resp: 13611
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.1 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053735.D
Acq: 17 Apr 2023 18:33

Tgt Ion: 63 Resp: 5858
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.038 min

Lab File: VU053735.D

Acq: 17 Apr 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

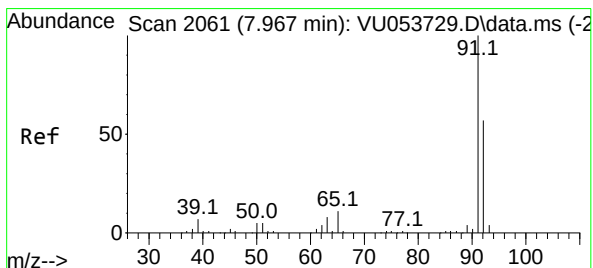
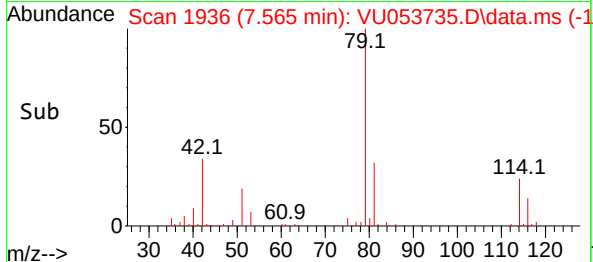
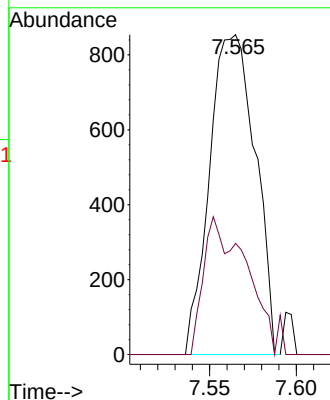
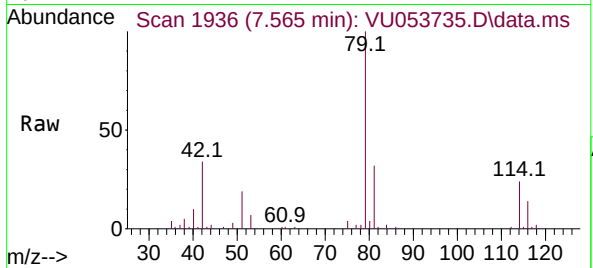
BHE03

Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

77 34.8 21.1 39.3



#42

Toluene

Concen: 0.823 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053735.D

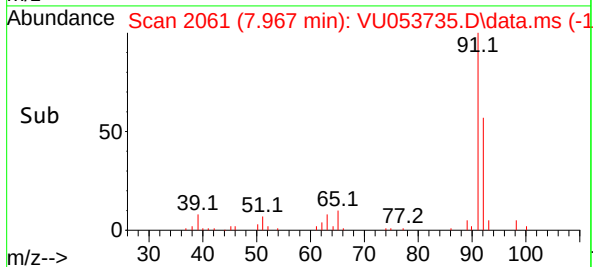
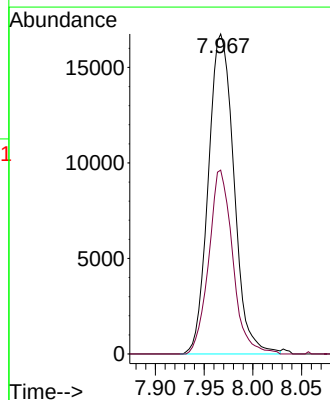
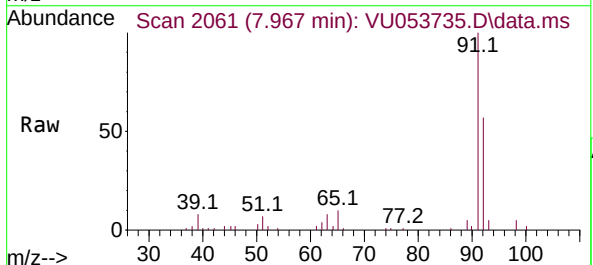
Acq: 17 Apr 2023 18:33

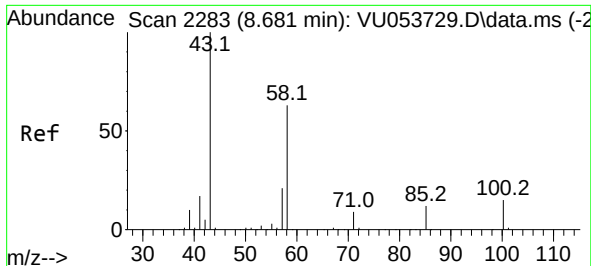
Tgt Ion: 91 Resp: 30626

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0

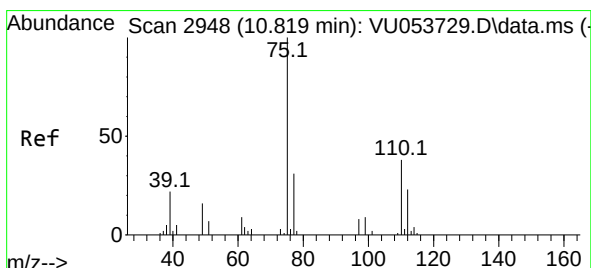
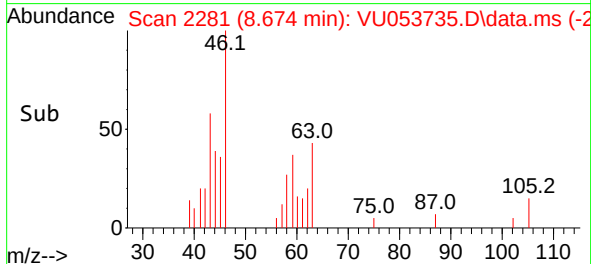
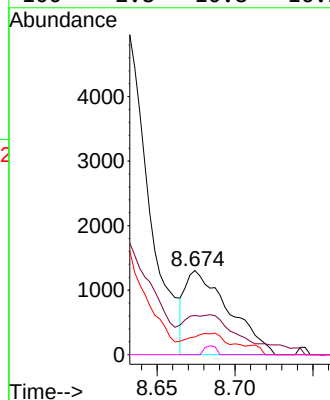
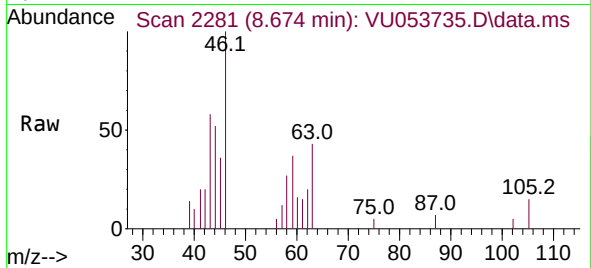




#48
2-Hexanone
Concen: 0.780 ug/L
RT: 8.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU053735.D
Acq: 17 Apr 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
BHE03

Tgt Ion:	43	Resp:	2539
Ion	Ratio	Lower	Upper
43	100		
58	64.4	52.8	79.2
57	27.1	17.1	25.7#
100	2.8	10.8	16.2#



#61
1,2,3-Trichloropropane
Concen: 1.440 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053735.D
Acq: 17 Apr 2023 18:33

Tgt Ion:	75	Resp:	7360
Ion	Ratio	Lower	Upper
75	100		
110	0.9	30.6	46.0#
77	32.5	26.1	39.1

