

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052407.D
 Acq On : 14 Dec 2022 17:55
 Operator : JC/MD
 Sample : N6034-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPL6

Quant Time: Dec 14 21:41:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

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

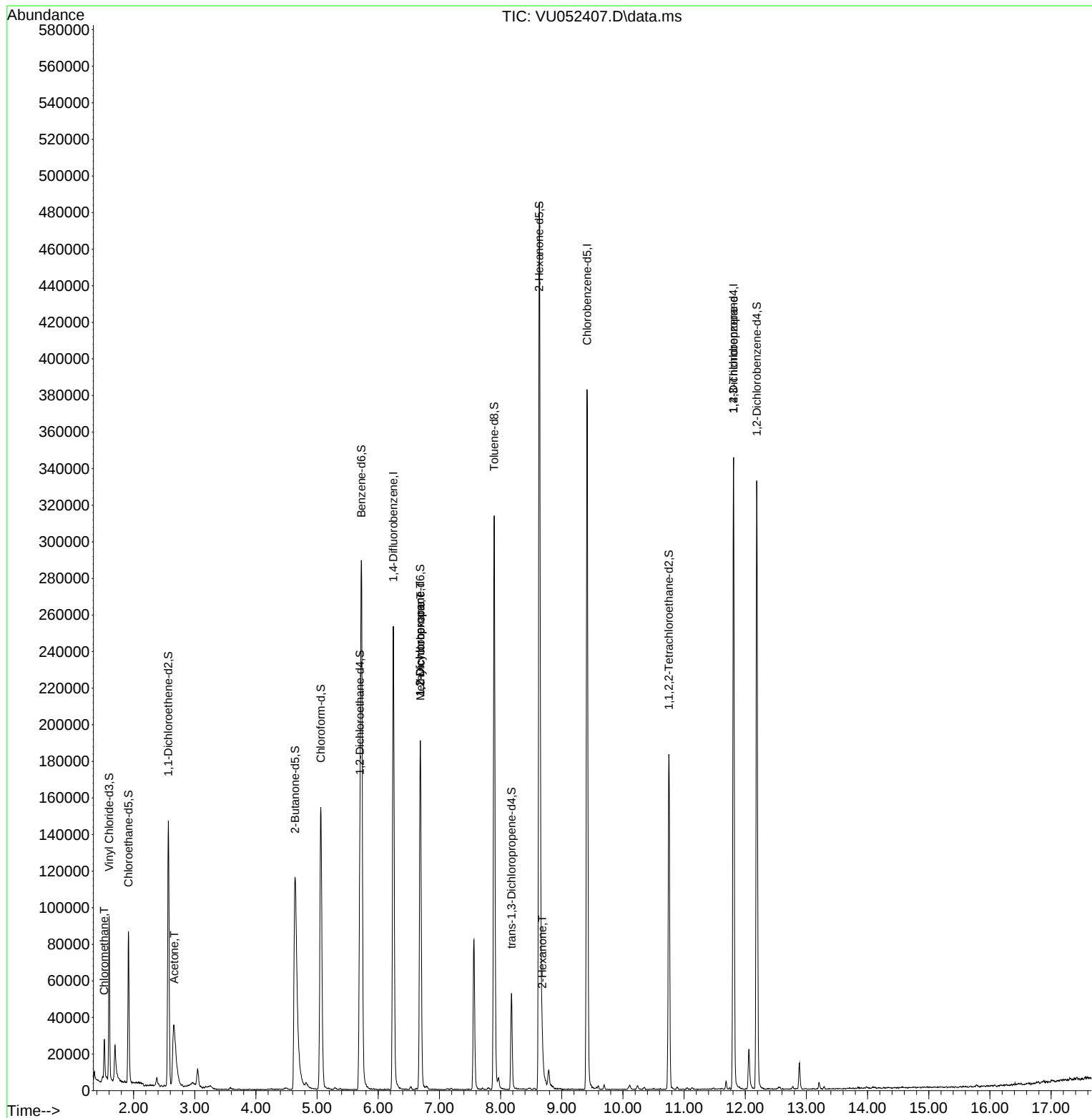
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	211680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	64853	3.150	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.915	69	64271	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.568	65	27506	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.639	46	245614	65.809	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.620%#
24) Chloroform-d	5.060	84	147984	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.700	65	78675	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	285532	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.687	67	100478	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.896	98	221796	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.179	79	31317	4.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.632	63	169043	52.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	95133	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	92455	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	14376	0.600	ug/L	97
13) Acetone	2.665	43	75412	29.755	ug/L	99
35) Methylcyclohexane	6.690	83	22307	0.842	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10106	0.529	ug/L #	88
48) 2-Hexanone	8.684	43	7988	1.091	ug/L #	80
61) 1,2,3-Trichloropropane	11.809	75	11432	1.030	ug/L #	68

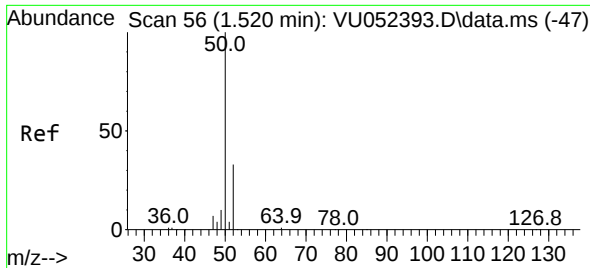
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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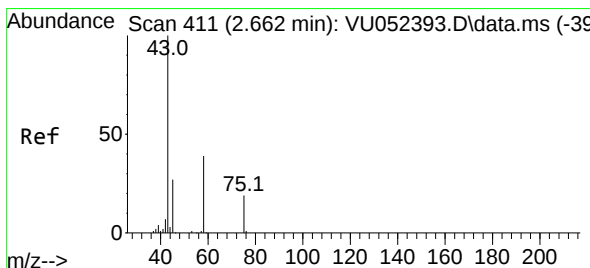
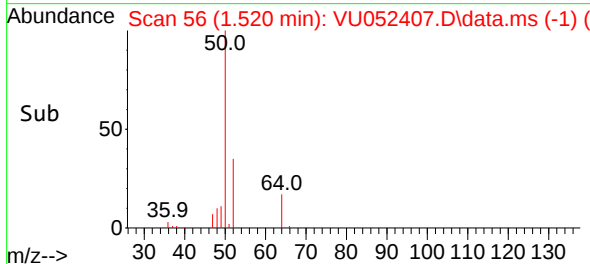
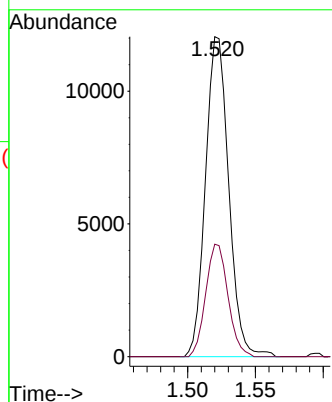
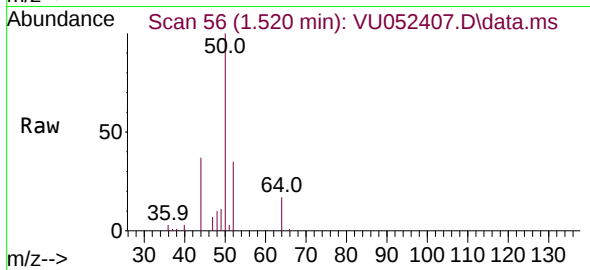




#3
Chloromethane
Concen: 0.600 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052407.D
Acq: 14 Dec 2022 17:55

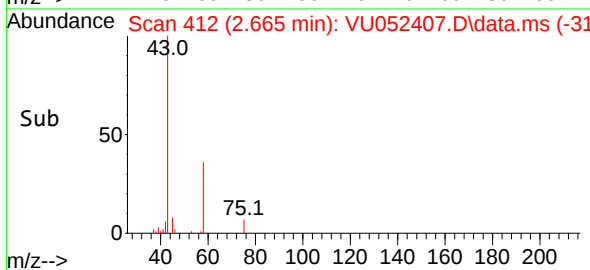
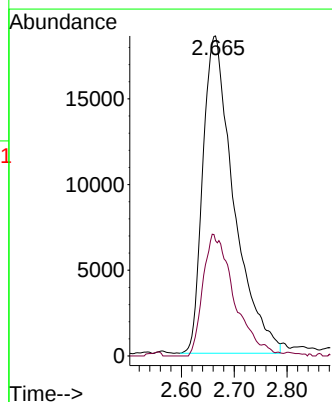
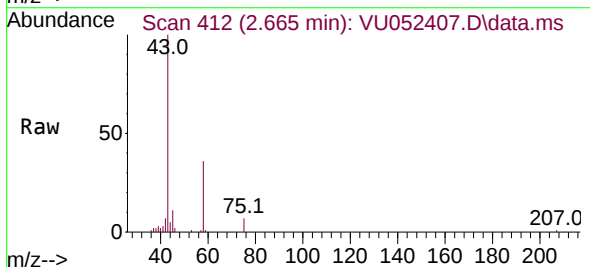
Instrument :
MSVOA_U
ClientSampleId :
BGPL6

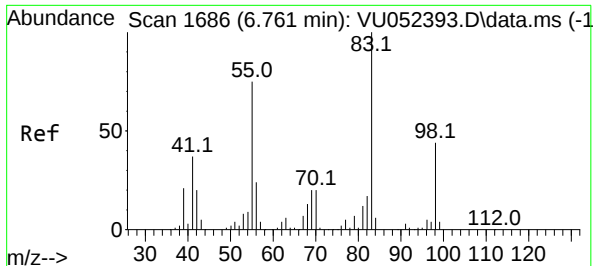
Tgt Ion: 50 Resp: 14376
Ion Ratio Lower Upper
50 100
52 35.1 23.4 43.4



#13
Acetone
Concen: 29.755 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU052407.D
Acq: 14 Dec 2022 17:55

Tgt Ion: 43 Resp: 75412
Ion Ratio Lower Upper
43 100
58 38.6 0.0 76.0





#35

Methylcyclohexane

Concen: 0.842 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052407.D

Acq: 14 Dec 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

BGPL6

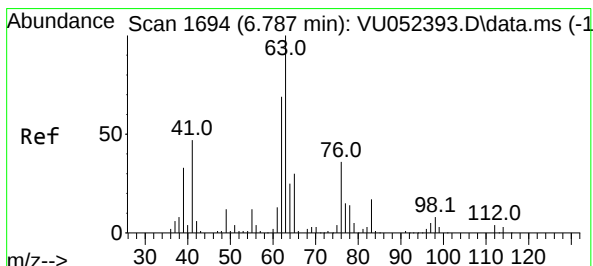
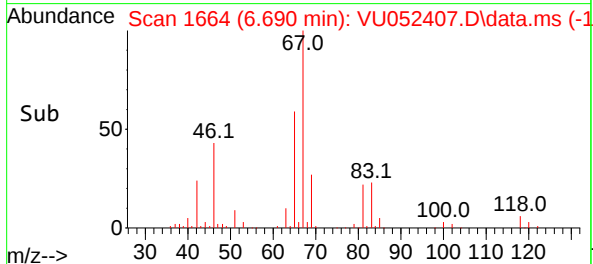
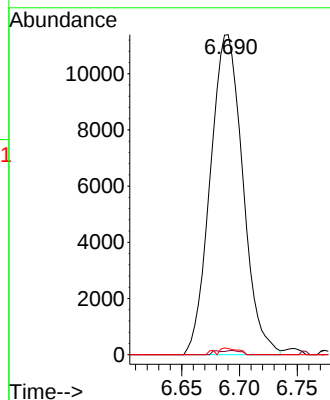
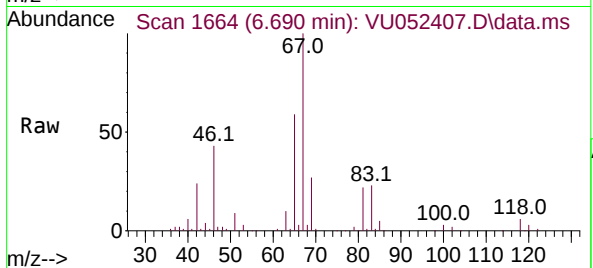
Tgt Ion: 83 Resp: 22307

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 1.1 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052407.D

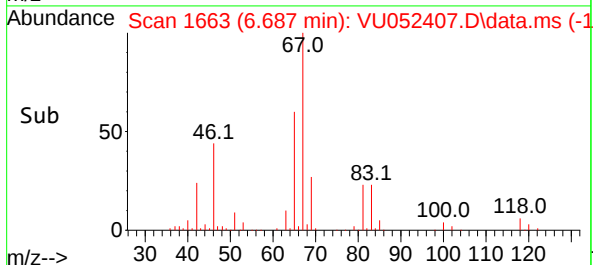
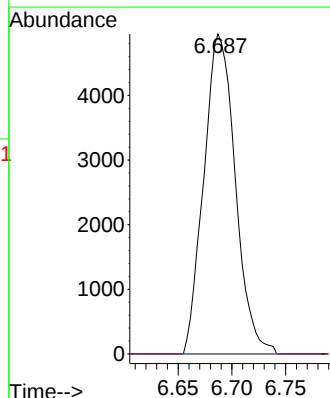
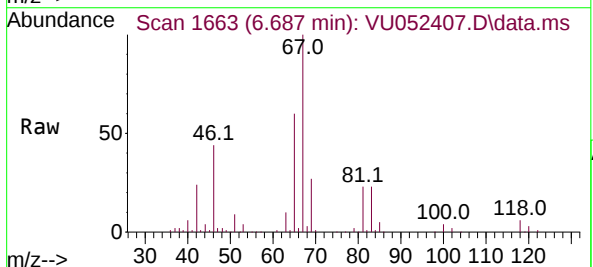
Acq: 14 Dec 2022 17:55

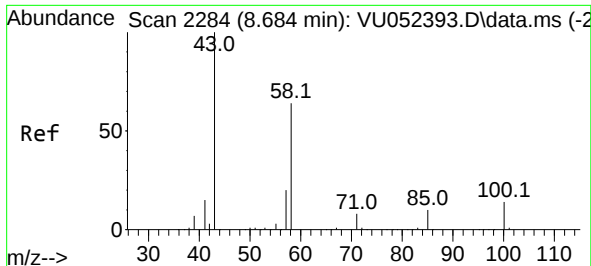
Tgt Ion: 63 Resp: 10106

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

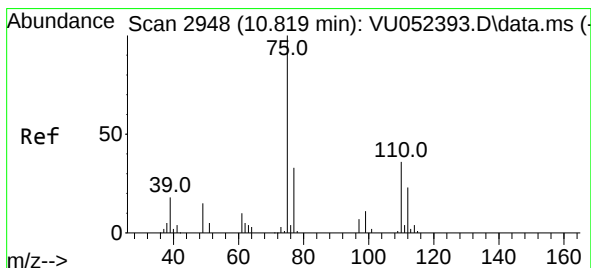
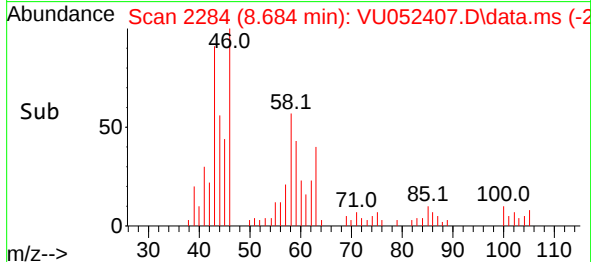
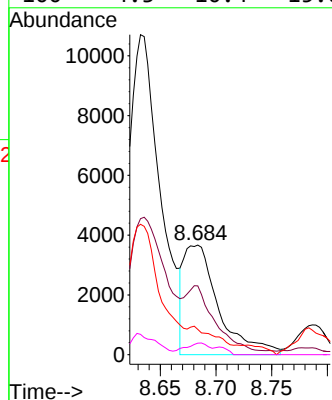
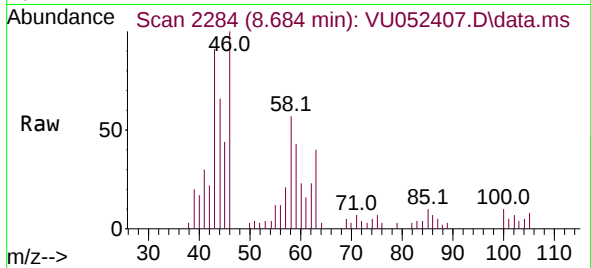




#48
2-Hexanone
Concen: 1.091 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052407.D
Acq: 14 Dec 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
BGPL6

Tgt Ion: 43	Resp: 7988
Ion Ratio	Lower Upper
43 100	
58 53.2	49.4 74.0
57 0.0	16.3 24.5#
100 4.3	10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 1.030 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052407.D
Acq: 14 Dec 2022 17:55

Tgt Ion: 75	Resp: 11432
Ion Ratio	Lower Upper
75 100	
110 1.7	28.3 42.5#
77 30.5	26.2 39.2

