

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052346.D
 Acq On : 12 Dec 2022 12:40
 Operator : JC/MD
 Sample : N5979-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 13 01:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

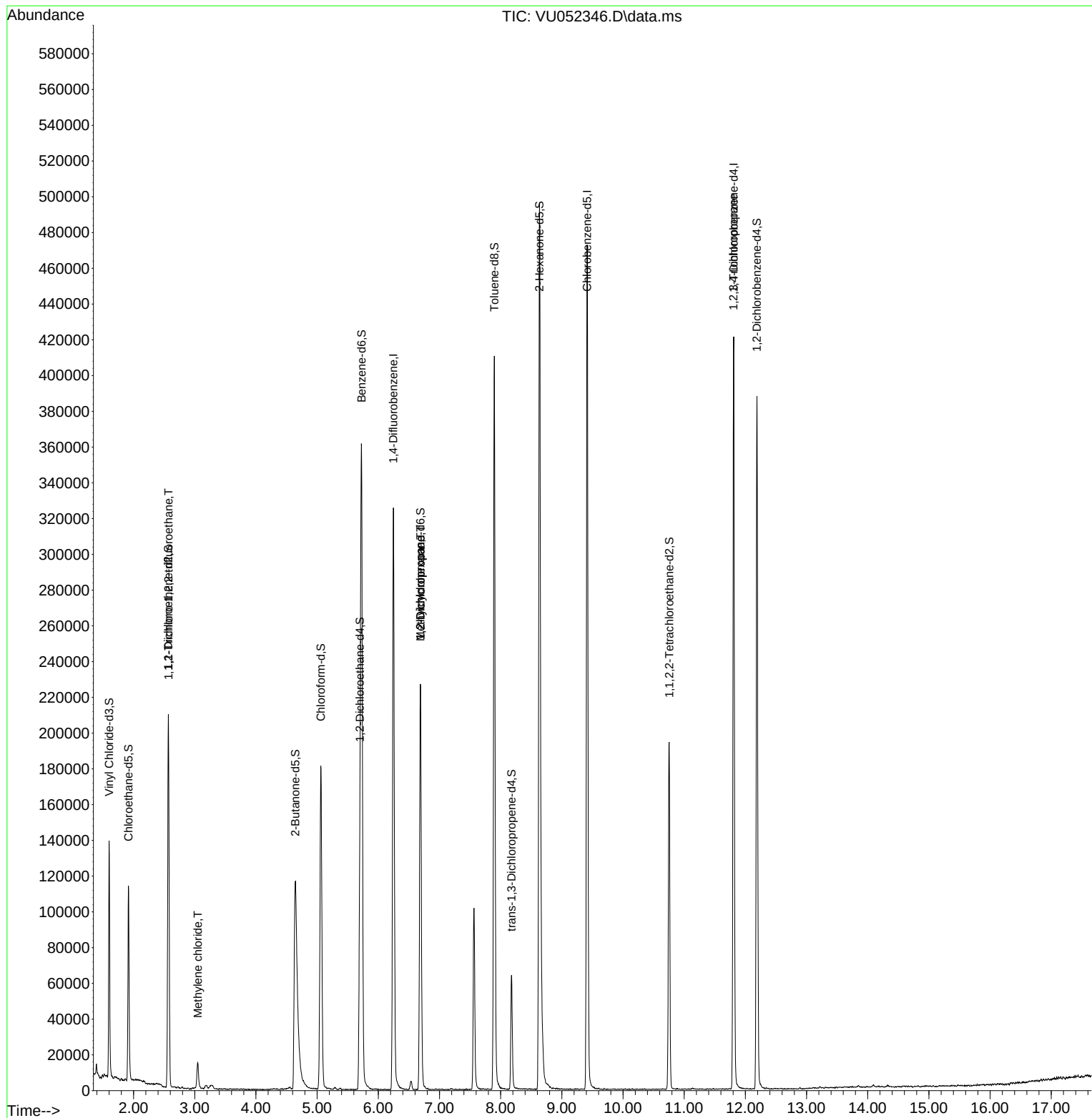
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	274229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	277646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98313	3.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	83916	4.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.568	65	40019	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.645	46	245690	50.814	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.620%
24) Chloroform-d	5.060	84	173857	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	89794	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	359219	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	114574	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	290015	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.176	79	37918	4.079	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.632	63	173953	44.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101870	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	109532	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1108	0.055	ug/L #	20
16) Methylene chloride	3.047	84	7356	0.273	ug/L	97
35) Methylcyclohexane	6.690	83	26774	0.826	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12396	0.530	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	13705	1.038	ug/L #	69

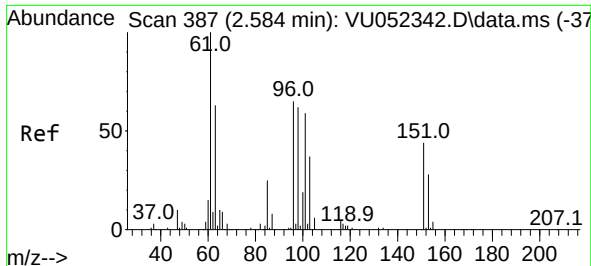
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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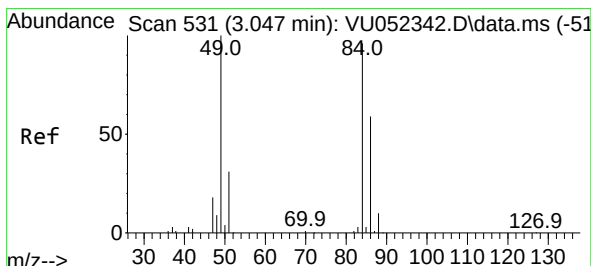
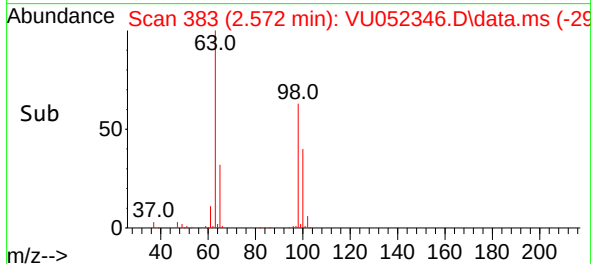
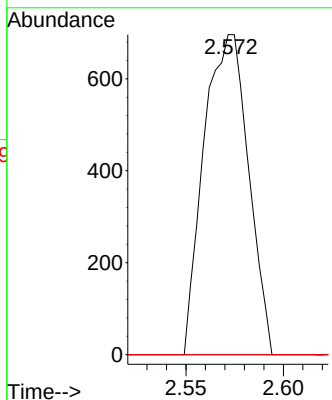
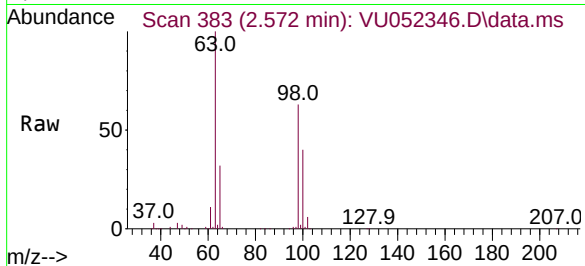




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU052346.D
Acq: 12 Dec 2022 12:40

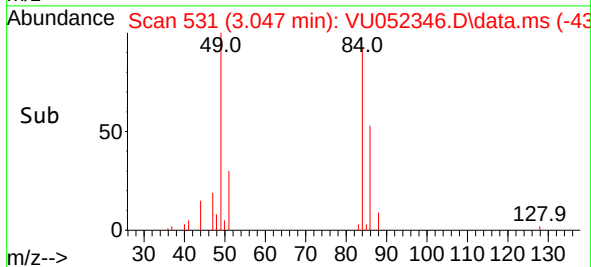
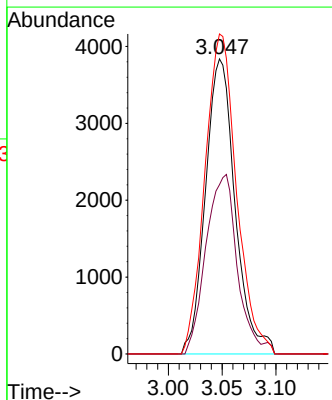
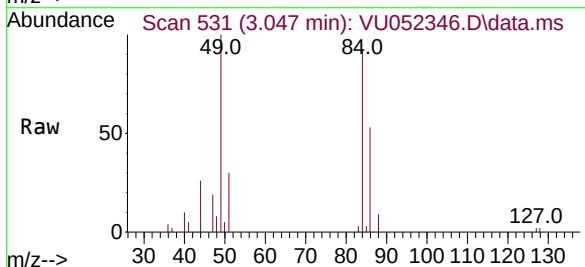
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

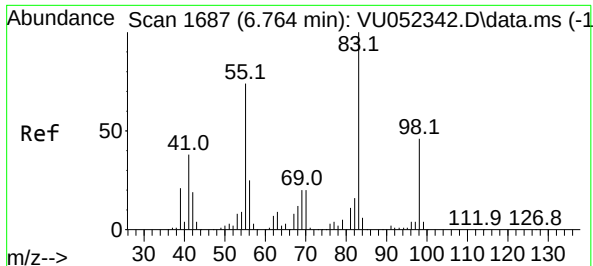
Tgt Ion:101 Resp: 1108
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.273 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU052346.D
Acq: 12 Dec 2022 12:40

Tgt Ion: 84 Resp: 7356
Ion Ratio Lower Upper
84 100
86 57.4 43.8 81.4
49 108.4 75.9 141.1





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052346.D

Acq: 12 Dec 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

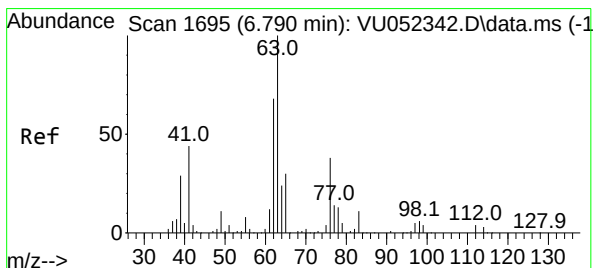
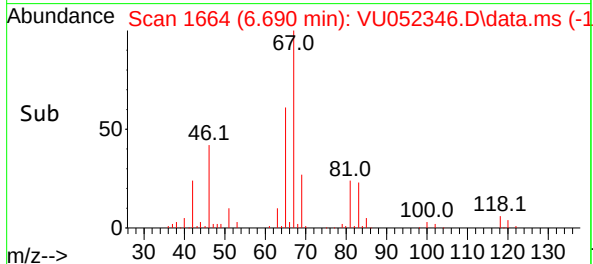
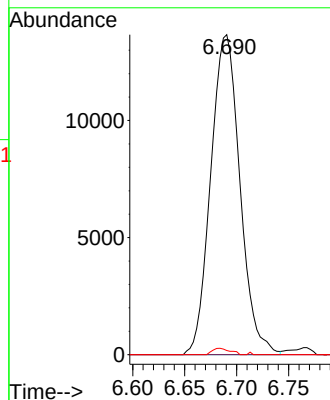
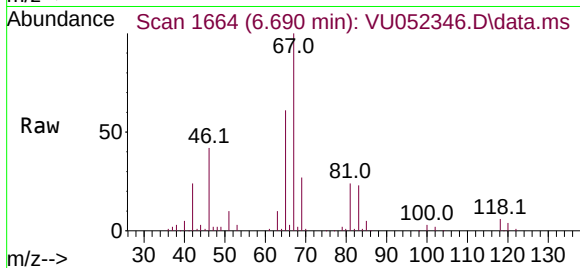
Tgt Ion: 83 Resp: 26774

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052346.D

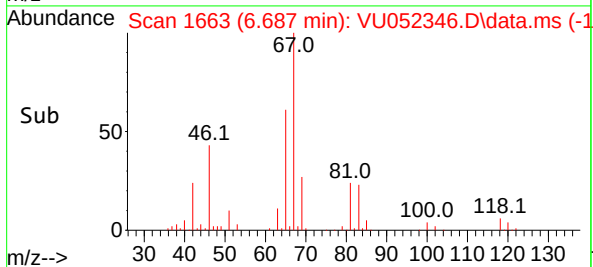
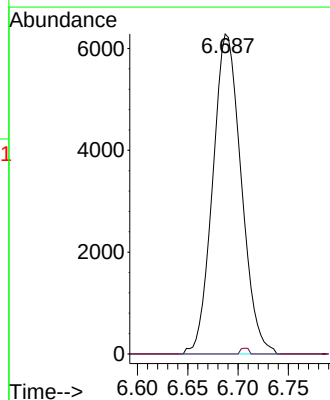
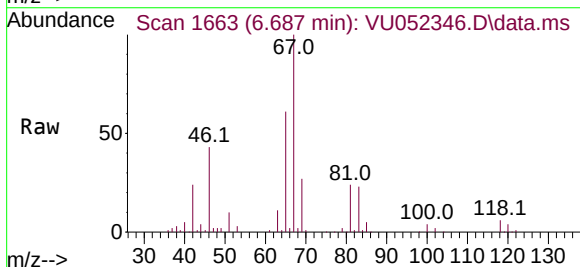
Acq: 12 Dec 2022 12:40

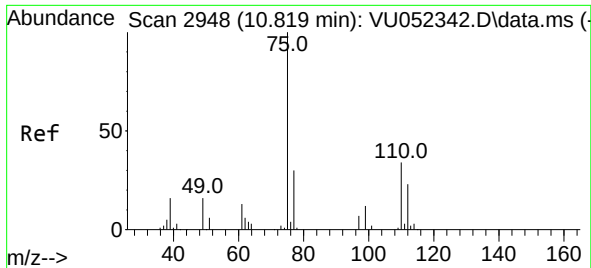
Tgt Ion: 63 Resp: 12396

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.038 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052346.D

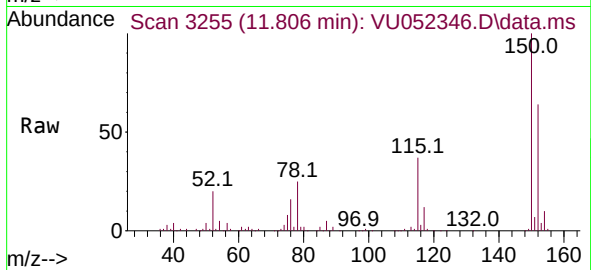
Acq: 12 Dec 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001



Tgt Ion: 75 Resp: 13705

Ion Ratio Lower Upper

75 100

110 1.8 28.3 42.5#

77 31.2 26.2 39.2

