

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060945.D
 Acq On : 20 Sep 2024 16:02
 Operator : MD/SY
 Sample : P3987-03 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:42:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

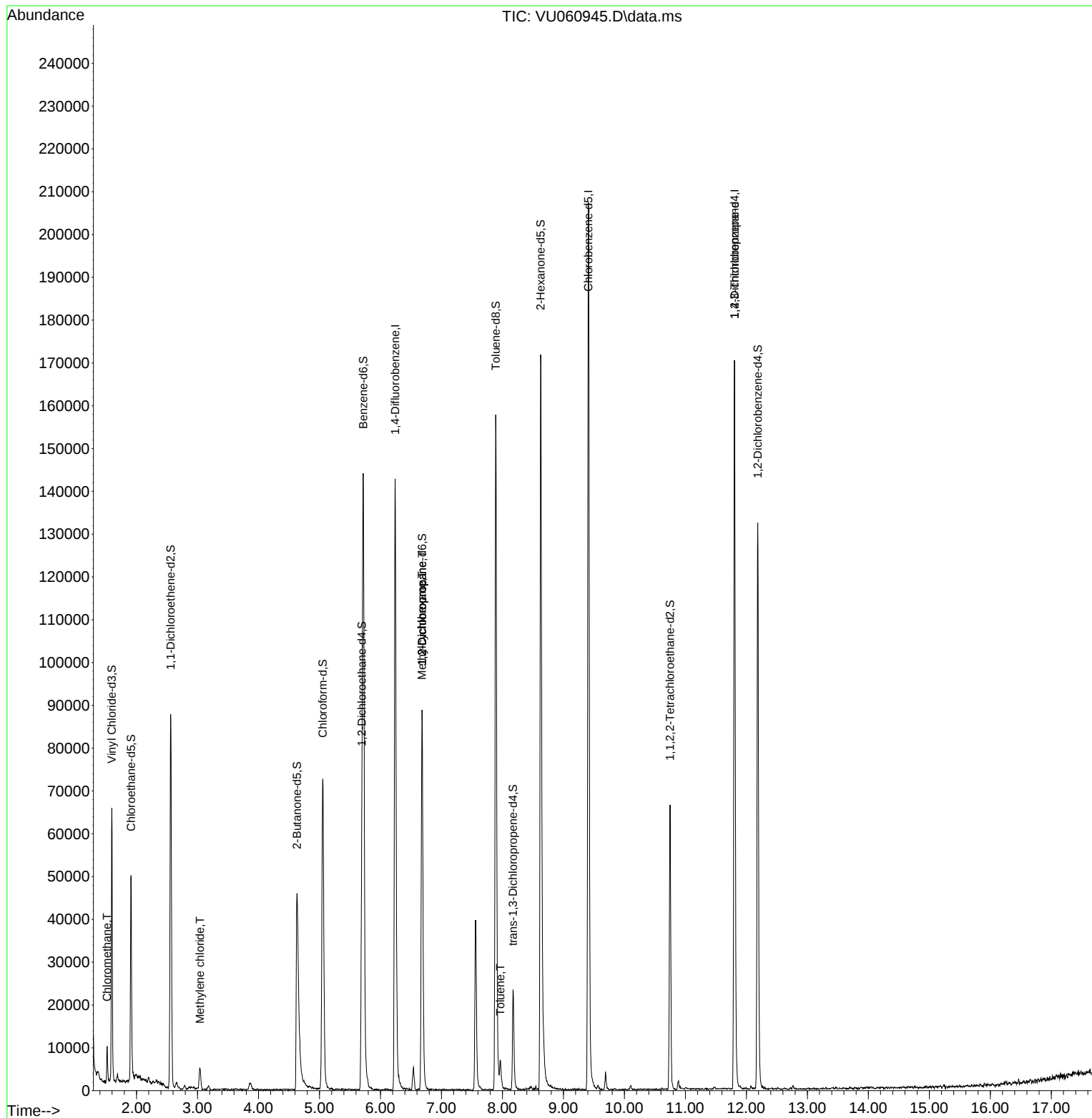
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	119838	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	125838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45452	4.217	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.911	69	35456	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.560	65	16792	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	76049	43.950	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.900%
24) Chloroform-d	5.052	84	71681	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	36316	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.718	84	138567	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	45543	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	112397	3.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.174	79	15077	4.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	59391	40.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35000	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37916	4.471	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5408	0.566	ug/L	94
16) Methylene chloride	3.039	84	2783	0.319	ug/L	93
35) Methylcyclohexane	6.679	83	10090	0.811	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4421	0.464	ug/L #	93
42) Toluene	7.965	91	4939	0.137	ug/L	93
61) 1,2,3-Trichloropropane	11.807	75	5829	1.238	ug/L #	67

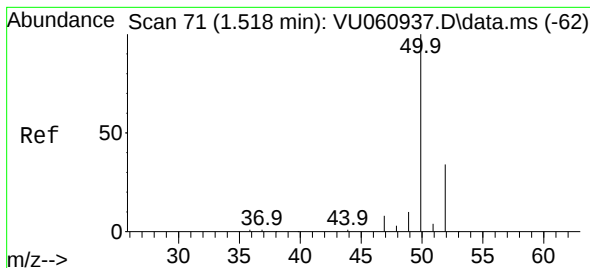
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.566 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU060945.D

Acq: 20 Sep 2024 16:02

Instrument :

MSVOA_U

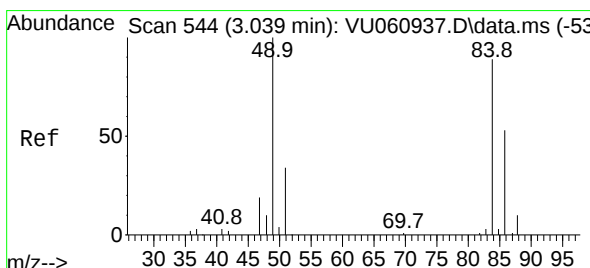
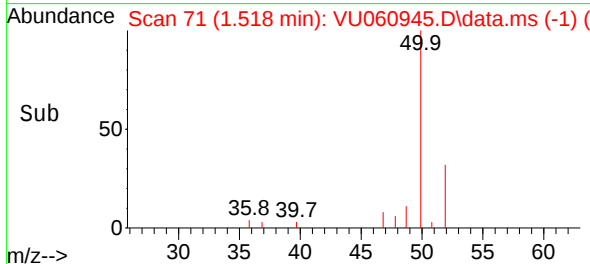
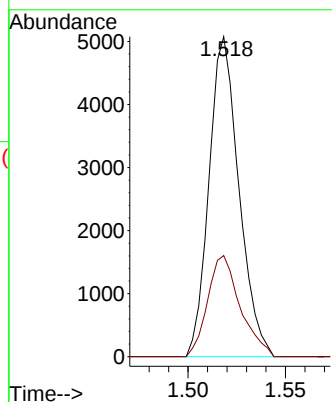
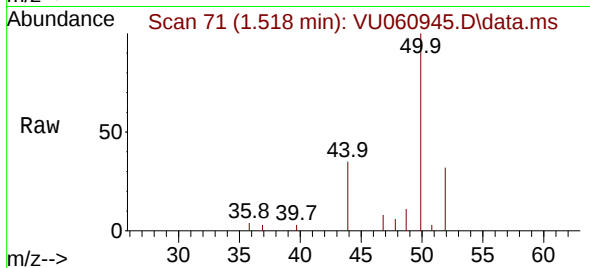
ClientSampleId :

Tgt Ion: 50 Resp: 5408

Ion Ratio Lower Upper

50 100

52 31.6 24.4 45.4



#16

Methylene chloride

Concen: 0.319 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060945.D

Acq: 20 Sep 2024 16:02

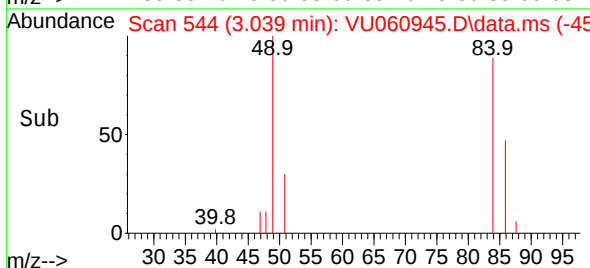
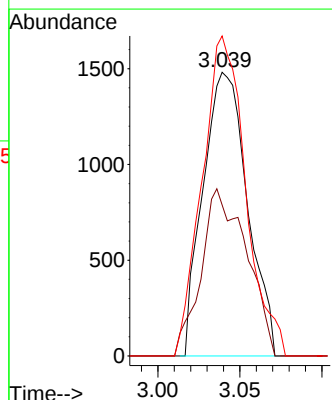
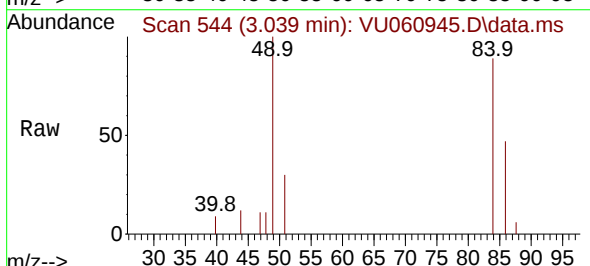
Tgt Ion: 84 Resp: 2783

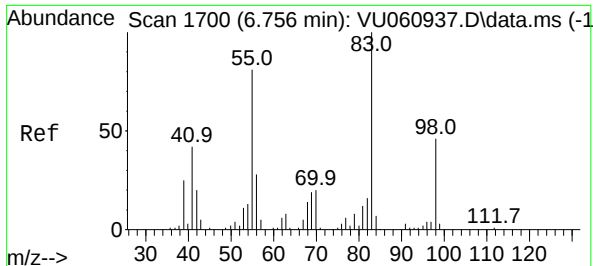
Ion Ratio Lower Upper

84 100

86 53.3 47.3 87.8

49 112.8 78.7 146.1

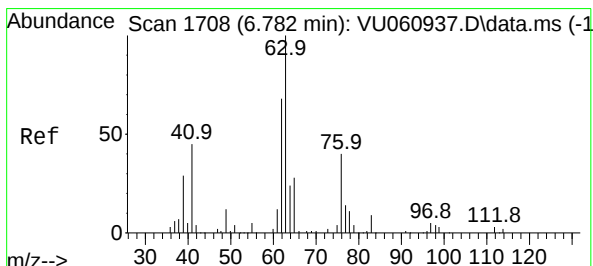
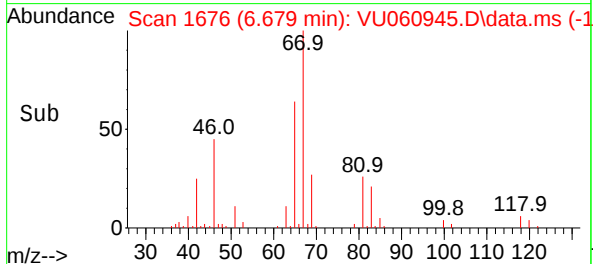
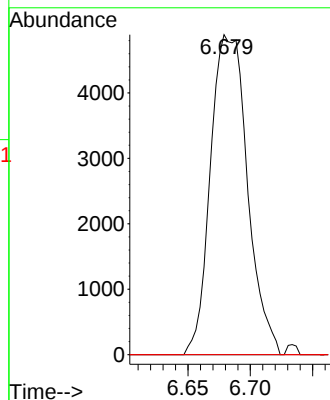
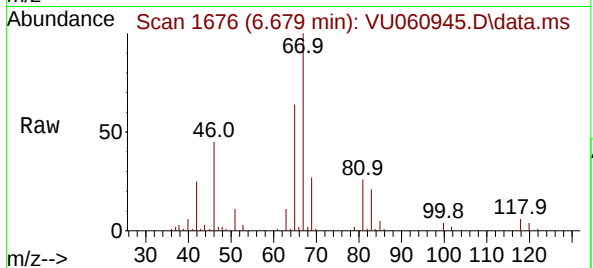




#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU060945.D
Acq: 20 Sep 2024 16:02

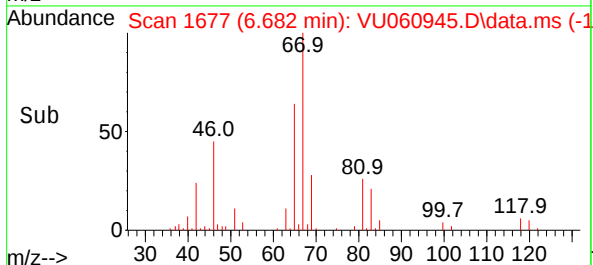
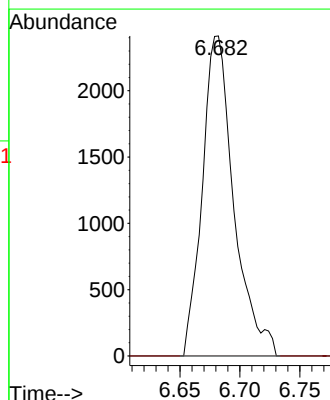
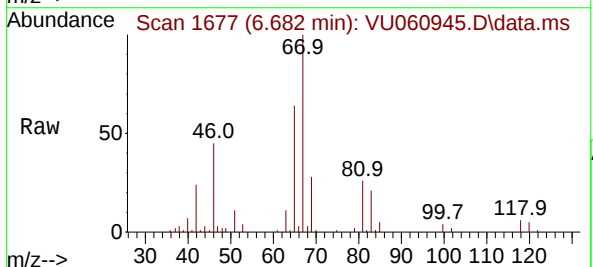
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MSVOA_U
ClientSampleId :

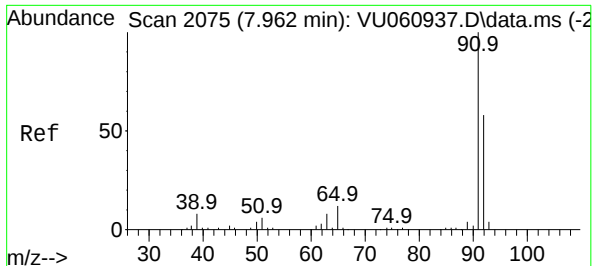
Tgt Ion: 83 Resp: 10090
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060945.D
Acq: 20 Sep 2024 16:02

Tgt Ion: 63 Resp: 4421
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.137 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060945.D

Acq: 20 Sep 2024 16:02

Instrument :

MSVOA_U

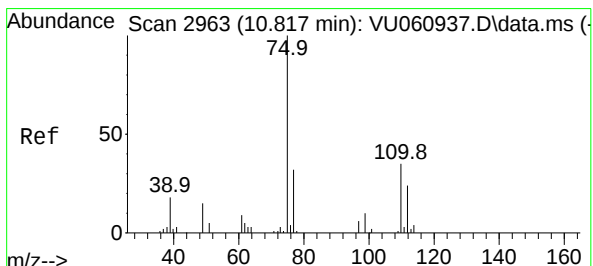
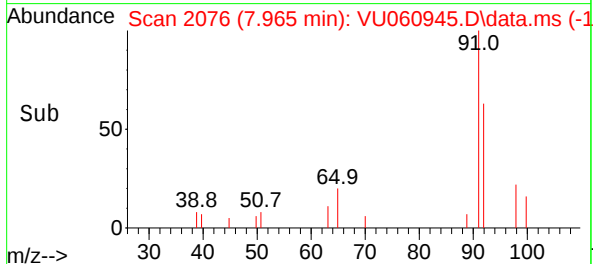
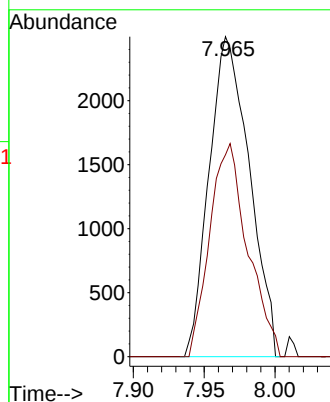
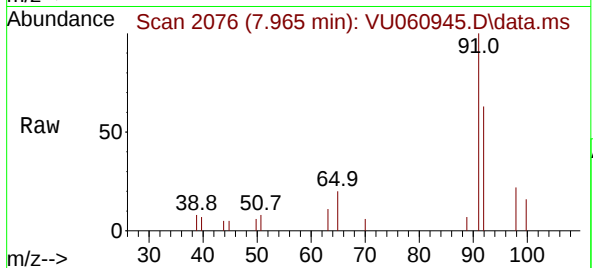
ClientSampleId :

Tgt Ion: 91 Resp: 4939

Ion Ratio Lower Upper

91 100

92 63.1 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.238 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060945.D

Acq: 20 Sep 2024 16:02

Tgt Ion: 75 Resp: 5829

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 34.7 26.3 39.5

