

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060047.D
 Acq On : 19 Jul 2024 09:29
 Operator : MD/SY
 Sample : P3237-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 00:55:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 02:49:52 2024
 Response via : Initial Calibration

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

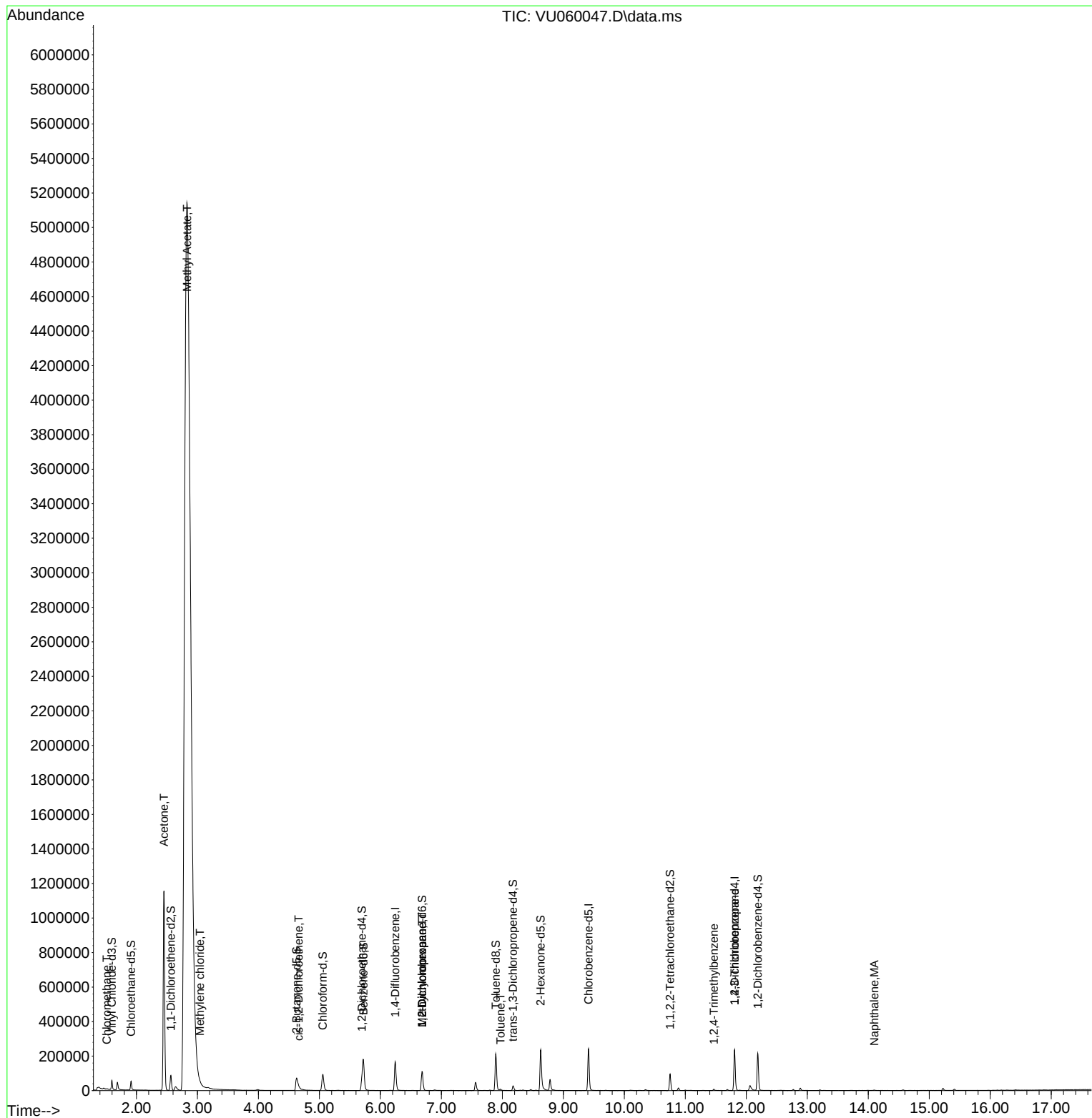
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38845	3.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.911	69	39405	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.563	65	16319	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.624	46	108952	44.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.520%
24) Chloroform-d	5.055	84	90699	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.695	65	44044	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.721	84	183588	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	57909	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	153927	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	17920	4.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.628	63	84024	43.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50189	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	63176	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1551	0.113	ug/L	99
13) Acetone	2.451	43	739468	459.239	ug/L	38
15) Methyl Acetate	2.830	43	4404190	1112.079	ug/L #	45
16) Methylene chloride	3.039	84	2280	0.163	ug/L	83
22) cis-1,2-Dichloroethene	4.660	96	1696	0.127	ug/L	91
35) Methylcyclohexane	6.685	83	13870	0.812	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6215	0.468	ug/L #	88
42) Toluene	7.968	91	6385	0.122	ug/L	93
61) 1,2,3-Trichloropropane	11.807	75	7993	1.101	ug/L #	62
63) 1,2,4-Trimethylbenzene	11.467	105	4663	0.140	ug/L	98
71) Naphthalene	14.097	128	3189	0.162	ug/L #	84

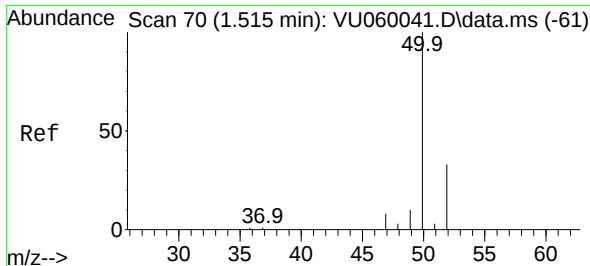
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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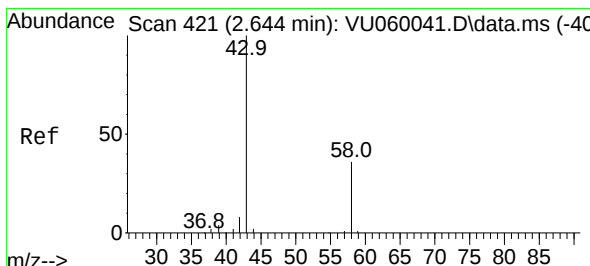
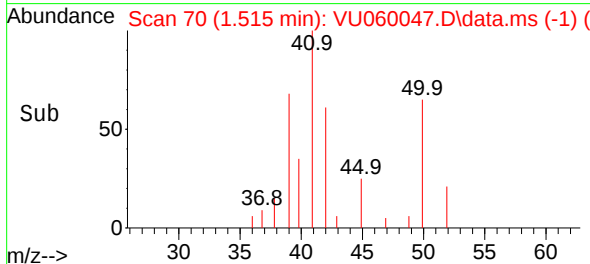
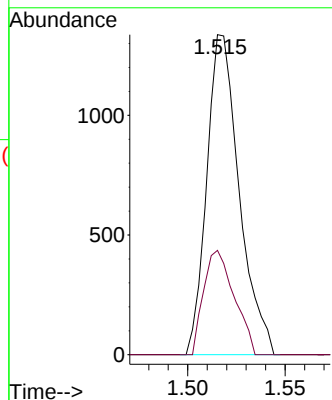
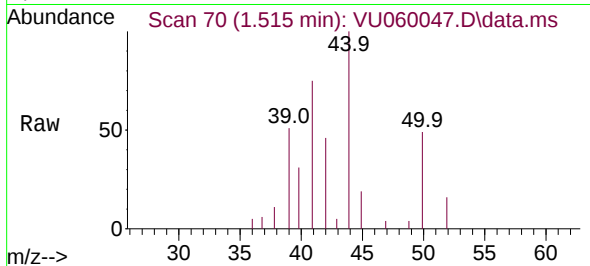




#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU060047.D
Acq: 19 Jul 2024 09:29

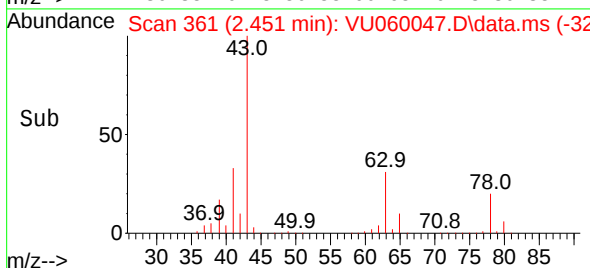
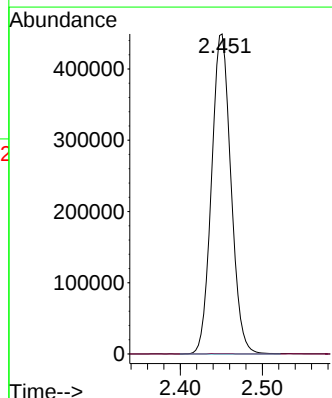
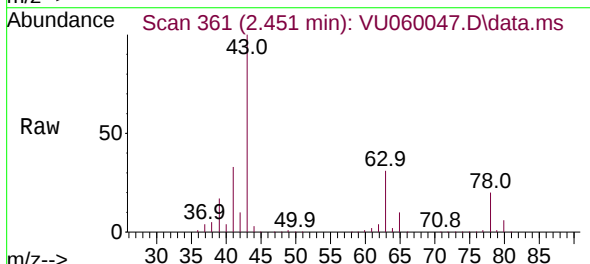
Instrument :
MSVOA_U
ClientSampleId :

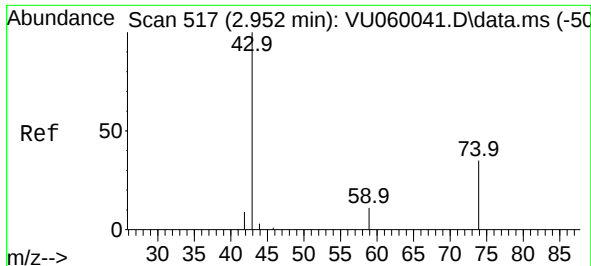
Tgt Ion: 50 Resp: 1551
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4



#13
Acetone
Concen: 459.239 ug/L
RT: 2.451 min Scan# 361
Delta R.T. -0.193 min
Lab File: VU060047.D
Acq: 19 Jul 2024 09:29

Tgt Ion: 43 Resp: 739468
Ion Ratio Lower Upper
43 100
58 2.1 0.0 82.2





#15

Methyl Acetate

Concen: 1112.079 ug/L

RT: 2.830 min Scan# 41

Delta R.T. -0.122 min

Lab File: VU060047.D

Acq: 19 Jul 2024 09:29

Instrument :

MSVOA_U

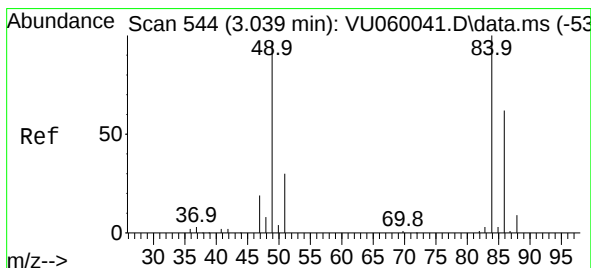
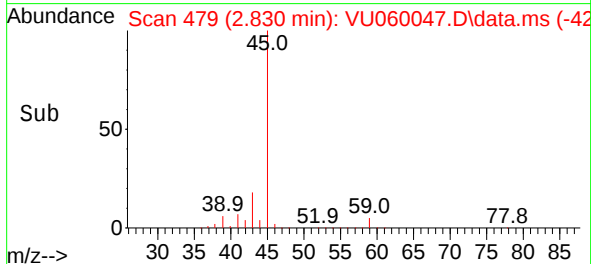
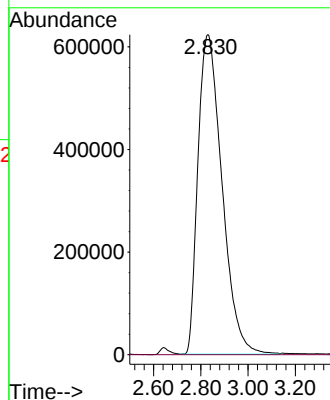
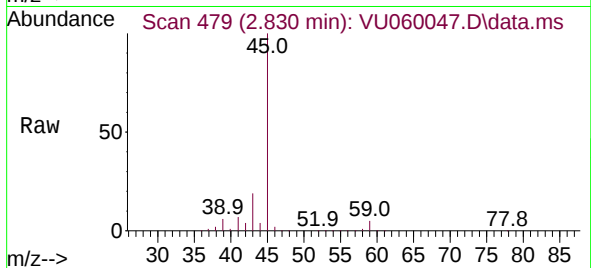
ClientSampleId :

Tgt Ion: 43 Resp: 4404190

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#16

Methylene chloride

Concen: 0.163 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060047.D

Acq: 19 Jul 2024 09:29

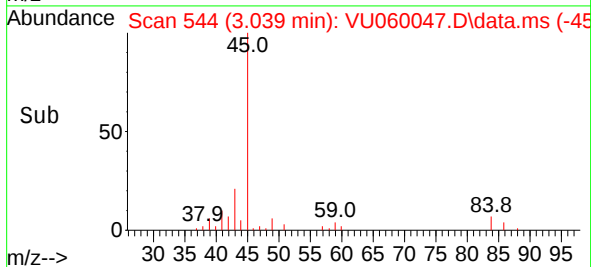
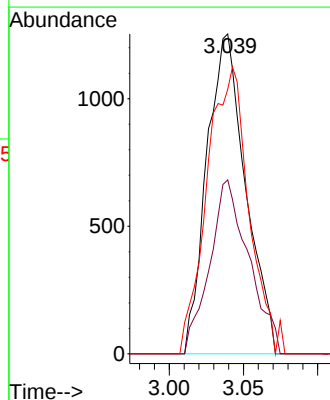
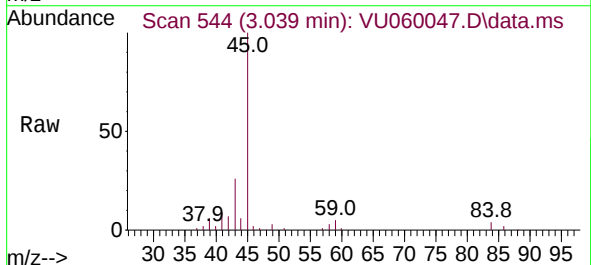
Tgt Ion: 84 Resp: 2280

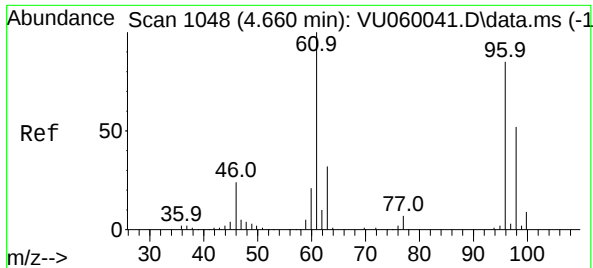
Ion Ratio Lower Upper

84 100

86 54.4 44.4 82.5

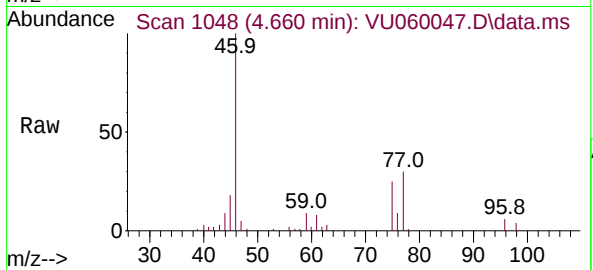
49 82.7 72.0 133.6



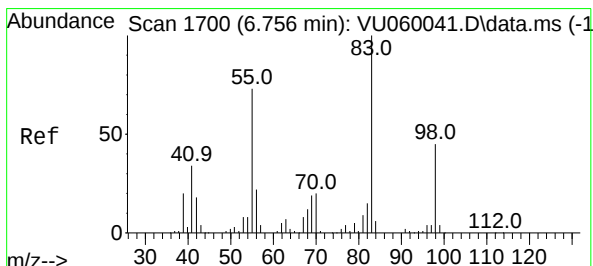
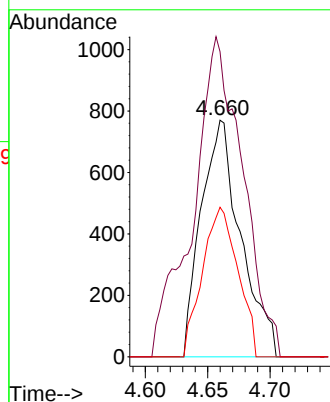
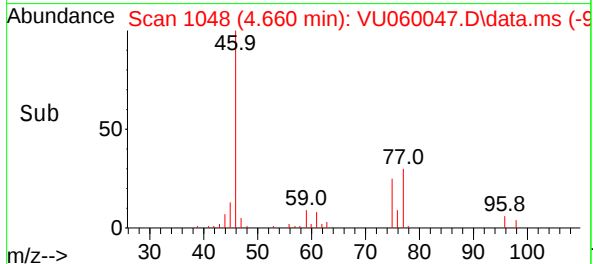


#22
 cis-1,2-Dichloroethene
 Concen: 0.127 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060047.D
 Acq: 19 Jul 2024 09:29

Instrument :
 MSVOA_U
 ClientSampleId :

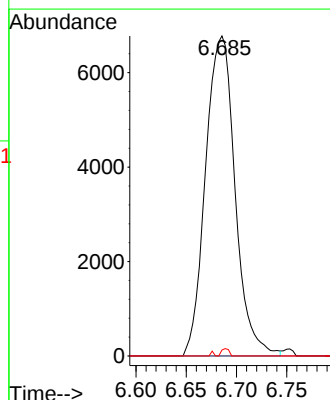
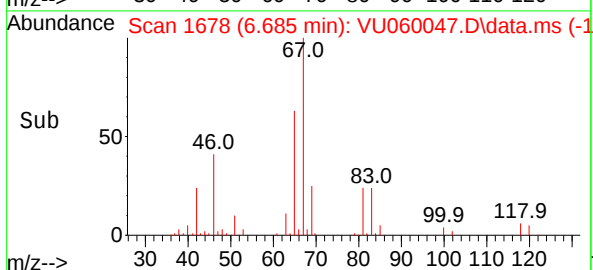
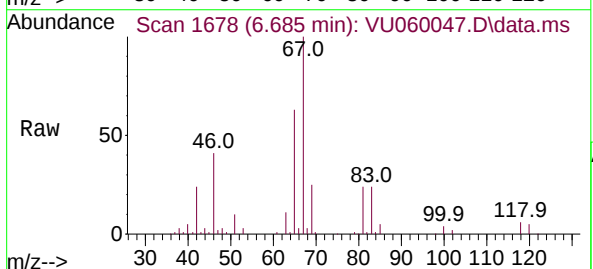


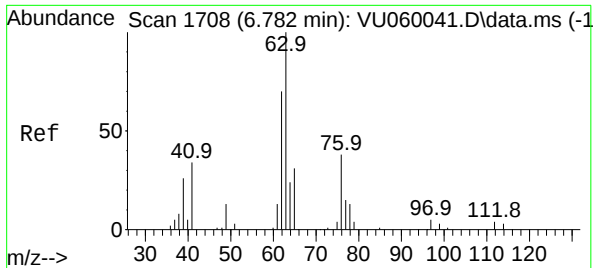
Tgt Ion:	96	Resp:	1696
Ion	Ratio	Lower	Upper
96	100		
61	129.0	80.2	148.9
98	63.2	44.7	83.1



#35
 Methylcyclohexane
 Concen: 0.812 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU060047.D
 Acq: 19 Jul 2024 09:29

Tgt Ion:	83	Resp:	13870
Ion	Ratio	Lower	Upper
83	100		
55	1.9	56.7	85.1#
98	0.6	36.6	55.0#

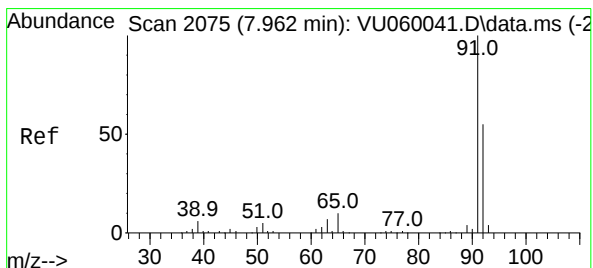
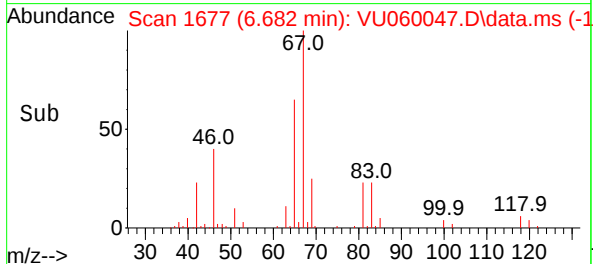
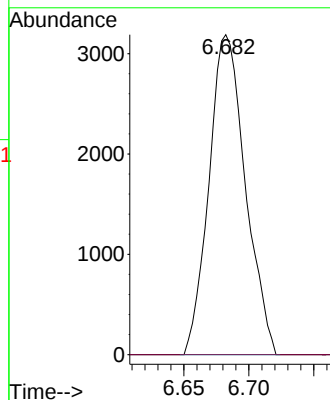
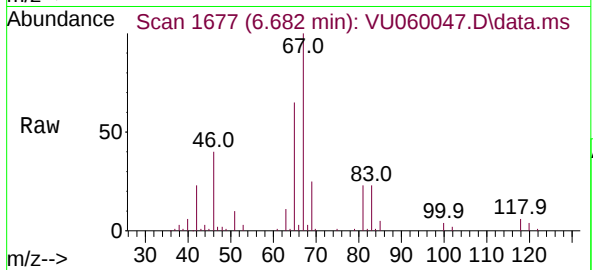




#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060047.D
Acq: 19 Jul 2024 09:29

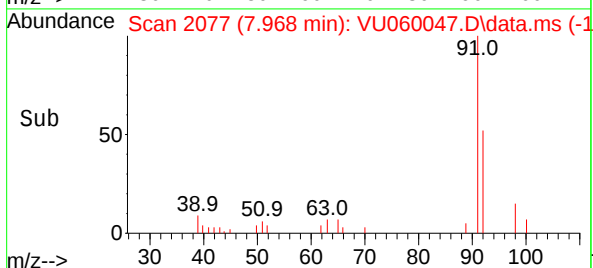
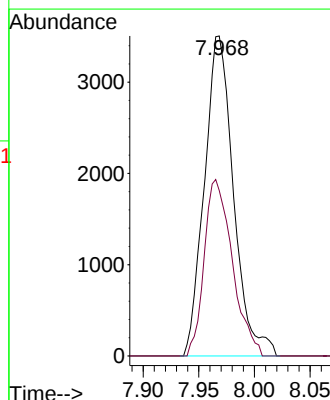
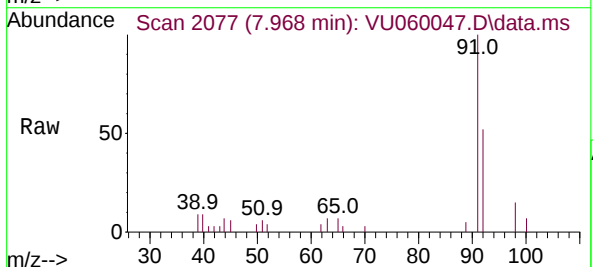
Instrument :
MSVOA_U
ClientSampleId :

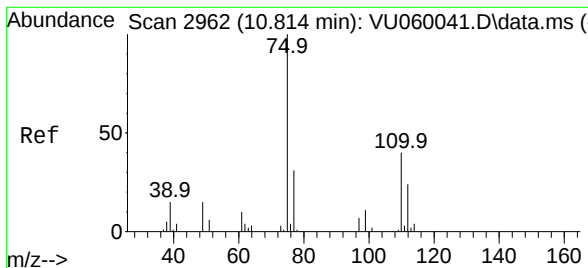
Tgt Ion: 63 Resp: 6215
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.122 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060047.D
Acq: 19 Jul 2024 09:29

Tgt Ion: 91 Resp: 6385
Ion Ratio Lower Upper
91 100
92 51.7 39.8 73.8





#61

1,2,3-Trichloropropane

Concen: 1.101 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU060047.D

Acq: 19 Jul 2024 09:29

Instrument :

MSVOA_U

ClientSampleId :

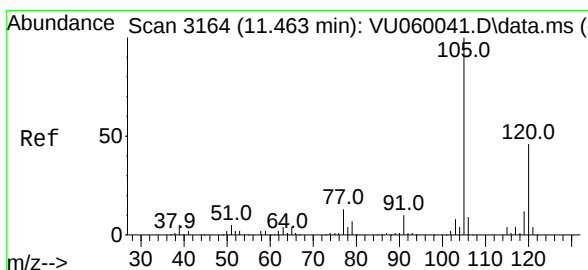
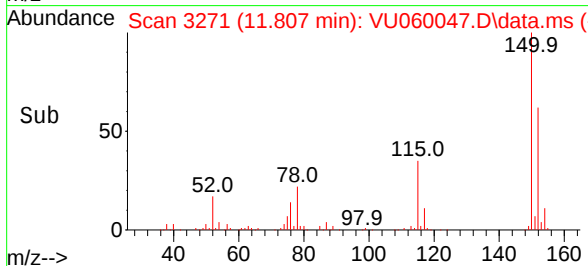
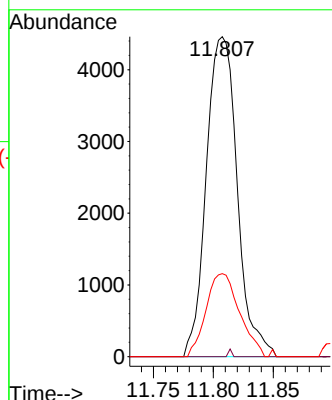
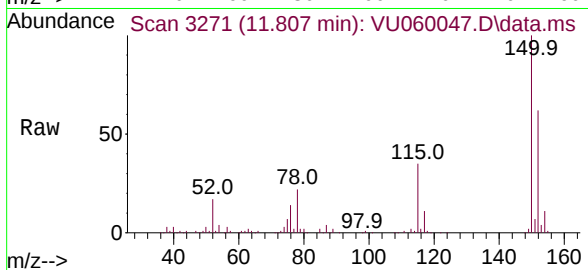
Tgt Ion: 75 Resp: 7993

Ion Ratio Lower Upper

75 100

110 0.3 30.8 46.2#

77 28.1 26.2 39.2



#63

1,2,4-Trimethylbenzene

Concen: 0.140 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU060047.D

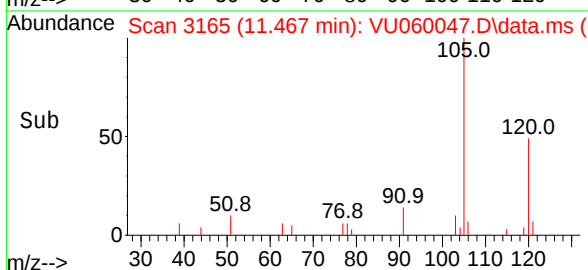
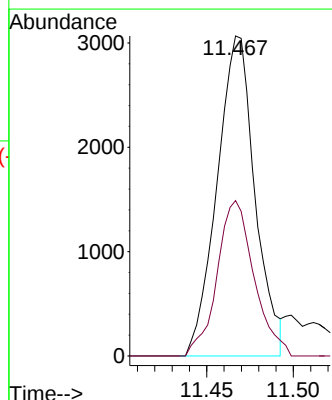
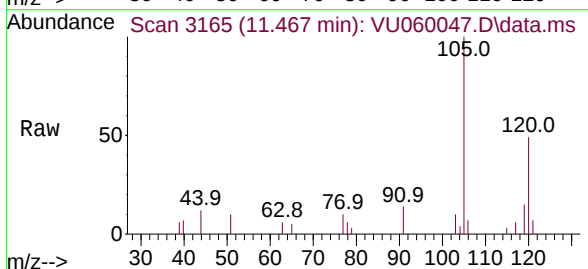
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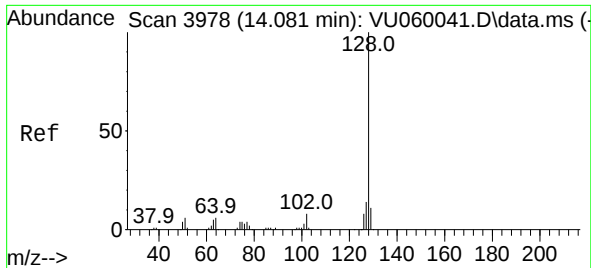
Tgt Ion:105 Resp: 4663

Ion Ratio Lower Upper

105 100

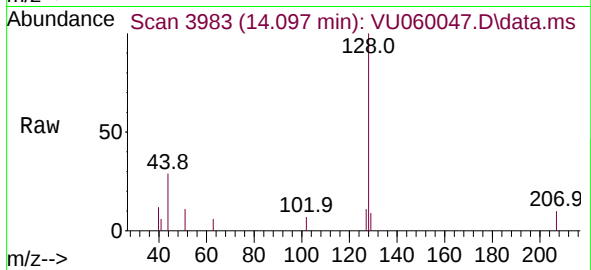
120 47.4 36.7 55.1





#71
Naphthalene
Concen: 0.162 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.016 min
Lab File: VU060047.D
Acq: 19 Jul 2024 09:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	3189
Ion	Ratio	Lower	Upper
128	100		
129	4.2	8.2	12.4#
127	6.7	10.6	16.0#

