

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061423.D
 Acq On : 04 Nov 2024 22:28
 Operator : MD/SY
 Sample : P4690-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 04:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

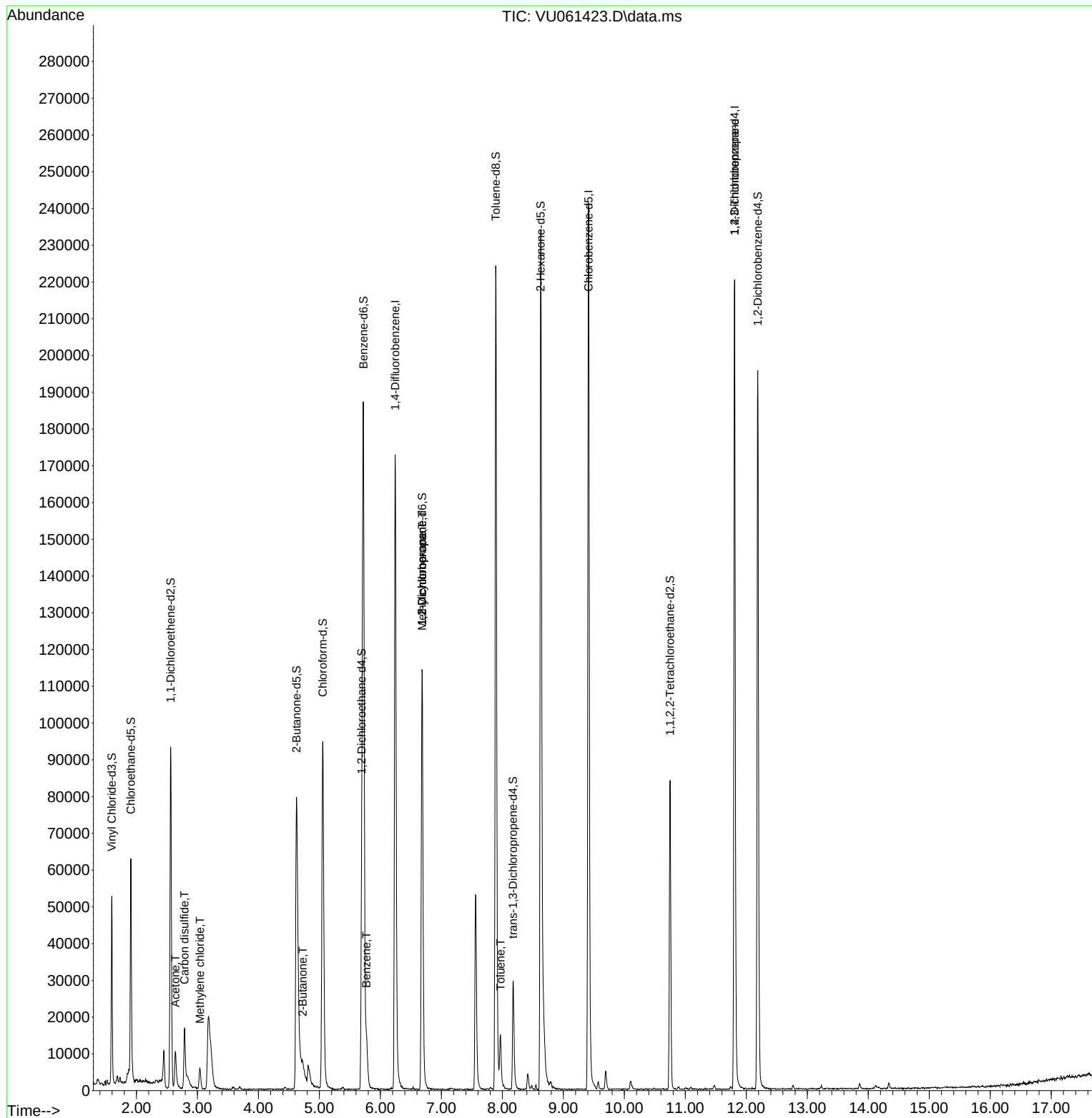
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34968	3.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	40760	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	17302	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.624	46	100951	47.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.000%
24) Chloroform-d	5.055	84	90192	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	47451	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	181028	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	56495	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	157458	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	18350	3.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.627	63	86956	43.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	43210	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	53986	5.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	12195	9.154	ug/L	98
14) Carbon disulfide	2.785	76	20743	0.690	ug/L	100
16) Methylene chloride	3.039	84	3005	0.283	ug/L	93
21) 2-Butanone	4.724	43	5931	2.808	ug/L	80
33) Benzene	5.769	78	12246	0.283	ug/L	100
35) Methylcyclohexane	6.685	83	12878	0.687	ug/L	# 21
37) 1,2-Dichloropropane	6.682	63	6267	0.571	ug/L	# 89
42) Toluene	7.968	91	11546	0.246	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	7337	1.218	ug/L	# 68

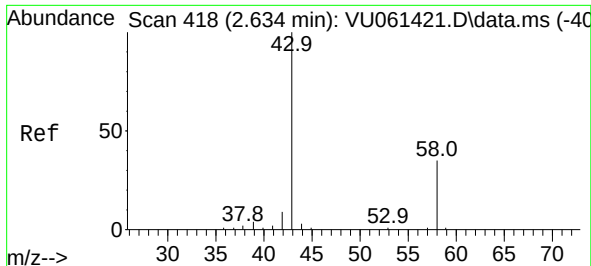
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.154 ug/L

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU061423.D

Acq: 04 Nov 2024 22:28

Instrument :

MSVOA_U

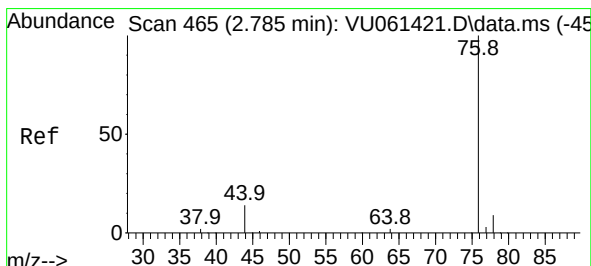
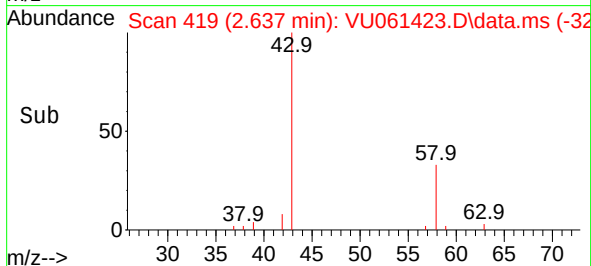
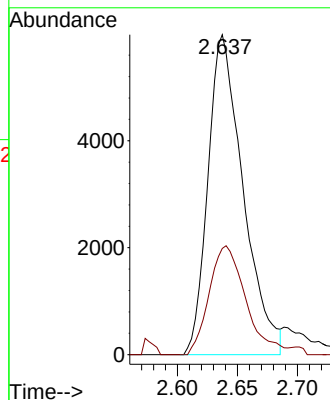
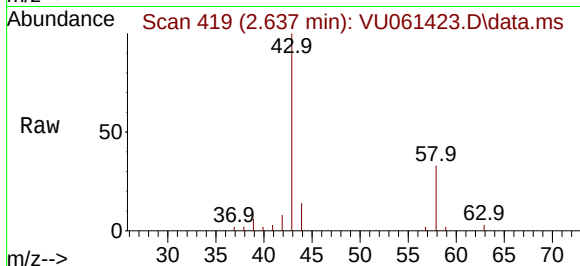
ClientSampleId :

Tgt Ion: 43 Resp: 12195

Ion Ratio Lower Upper

43 100

58 35.5 0.0 73.2



#14

Carbon disulfide

Concen: 0.690 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061423.D

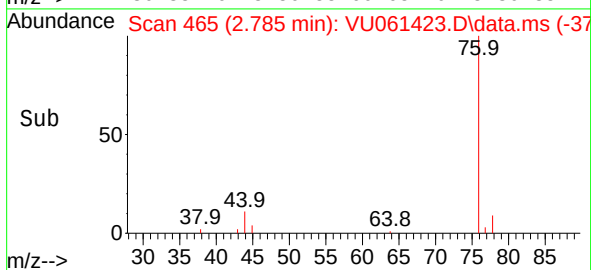
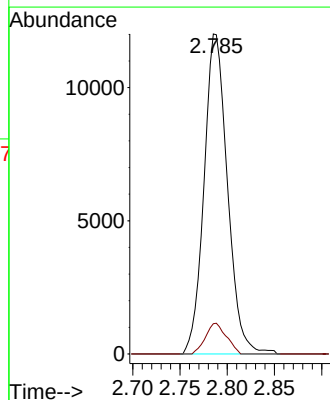
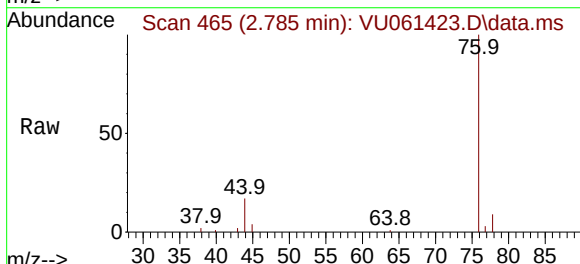
Acq: 04 Nov 2024 22:28

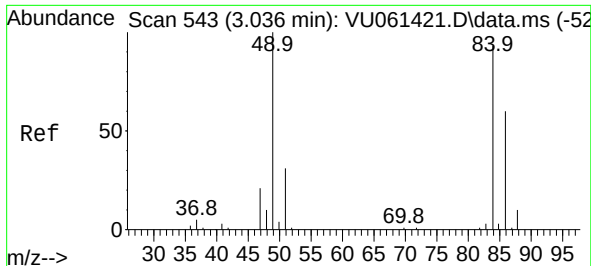
Tgt Ion: 76 Resp: 20743

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

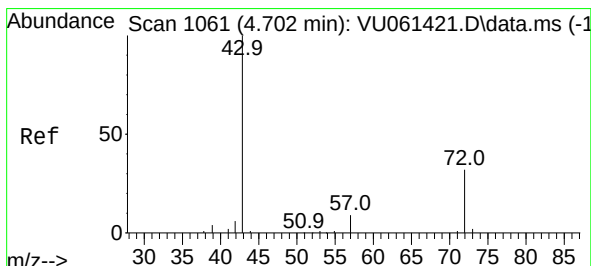
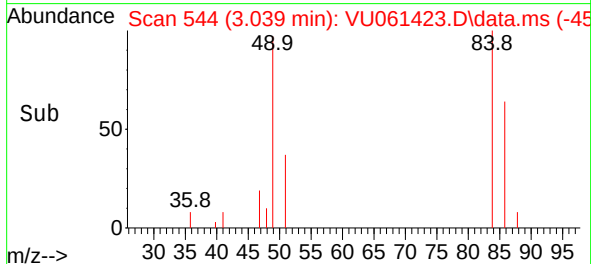
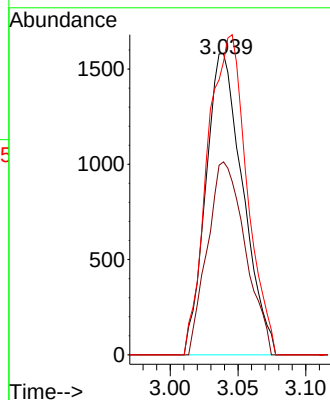
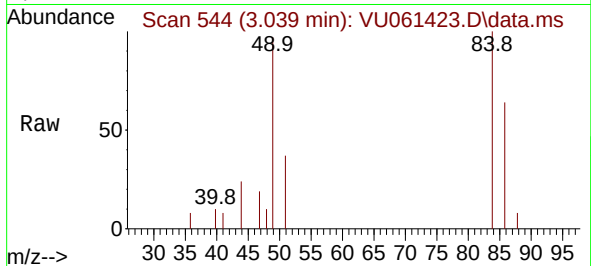




#16
Methylene chloride
Concen: 0.283 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061423.D
Acq: 04 Nov 2024 22:28

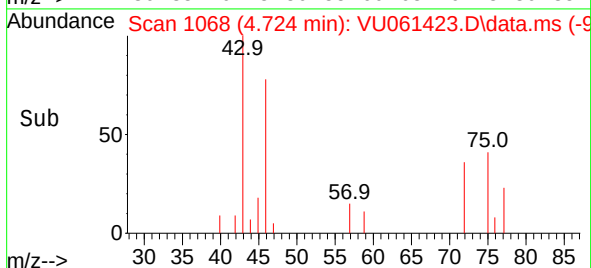
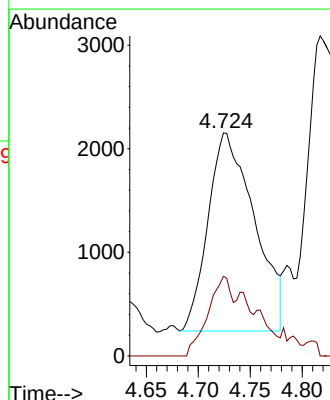
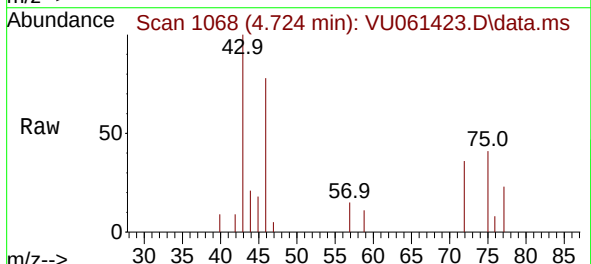
Instrument :
MSVOA_U
ClientSampleId :

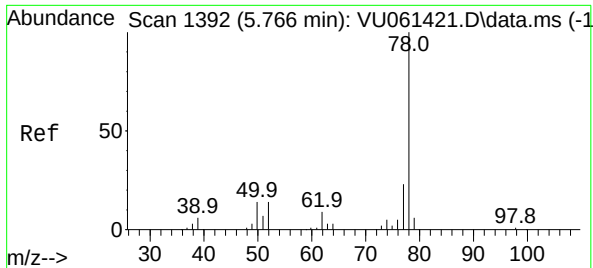
Tgt Ion: 84 Resp: 3005
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 97.4 75.7 140.7



#21
2-Butanone
Concen: 2.808 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.022 min
Lab File: VU061423.D
Acq: 04 Nov 2024 22:28

Tgt Ion: 43 Resp: 5931
Ion Ratio Lower Upper
43 100
72 20.6 15.9 47.6

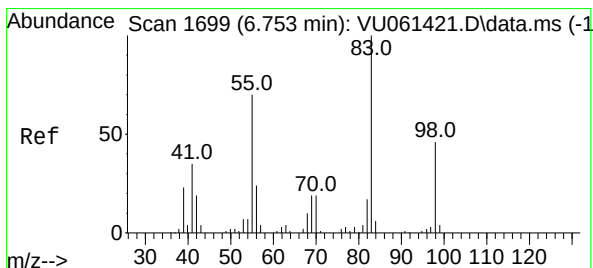
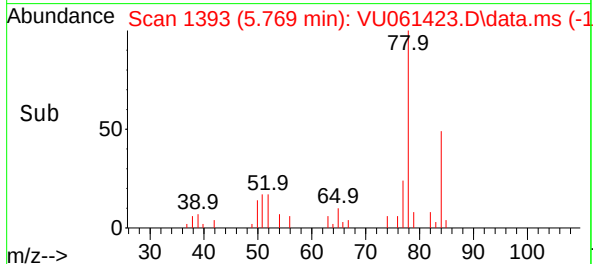
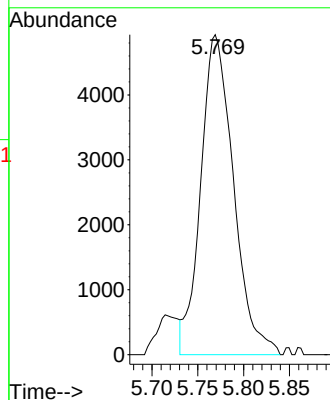
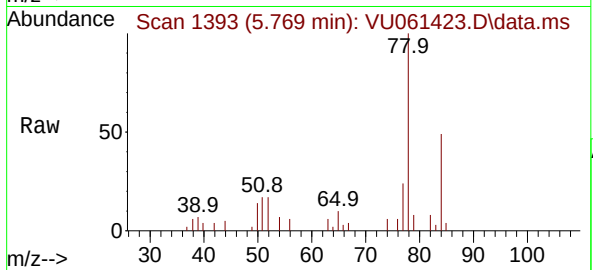




#33
Benzene
Concen: 0.283 ug/L
RT: 5.769 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061423.D
Acq: 04 Nov 2024 22:28

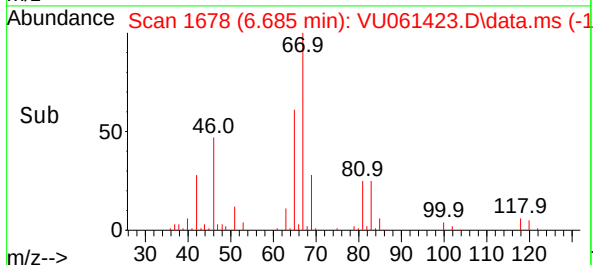
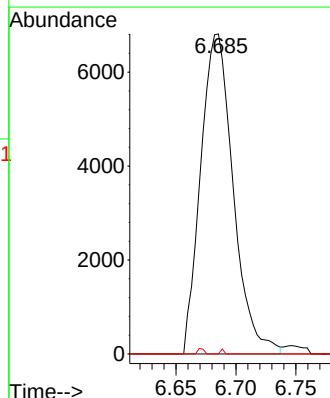
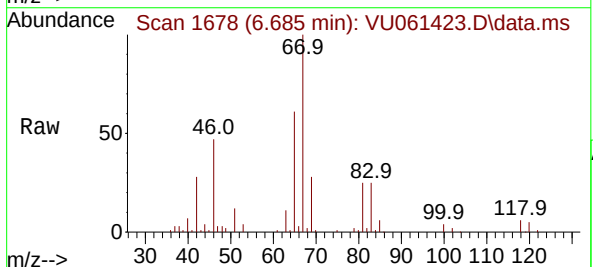
Instrument :
MSVOA_U
ClientSampleId :

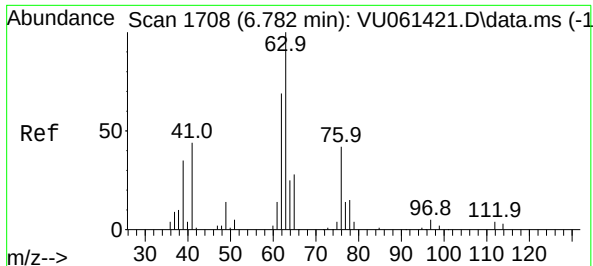
Tgt Ion: 78 Resp: 12246



#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.068 min
Lab File: VU061423.D
Acq: 04 Nov 2024 22:28

Tgt Ion: 83 Resp: 12878
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 0.2 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061423.D

Acq: 04 Nov 2024 22:28

Instrument :

MSVOA_U

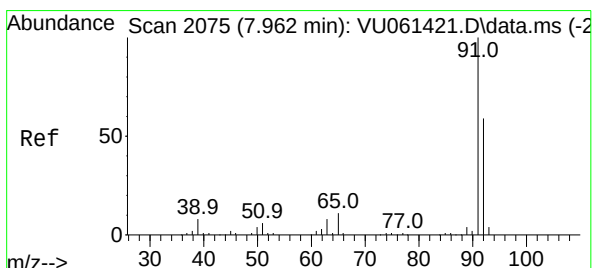
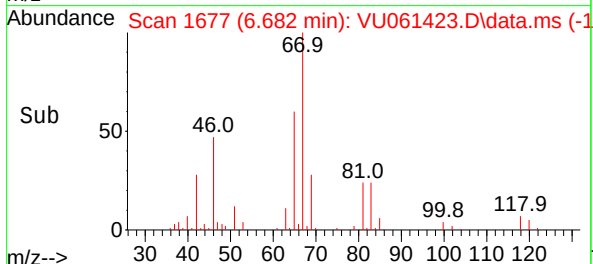
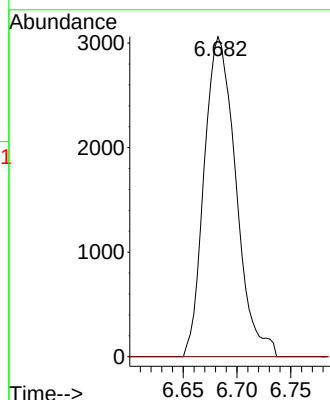
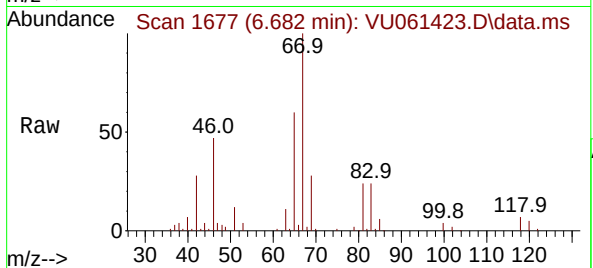
ClientSampleId :

Tgt Ion: 63 Resp: 6267

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#42

Toluene

Concen: 0.246 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU061423.D

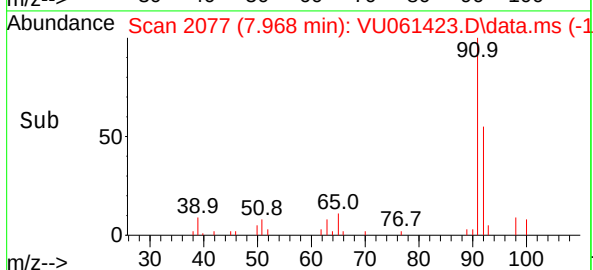
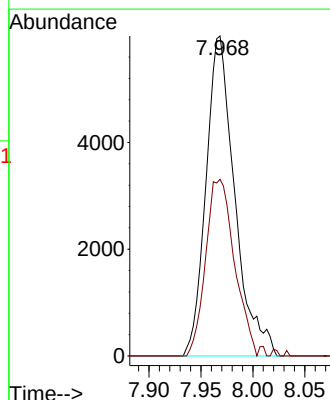
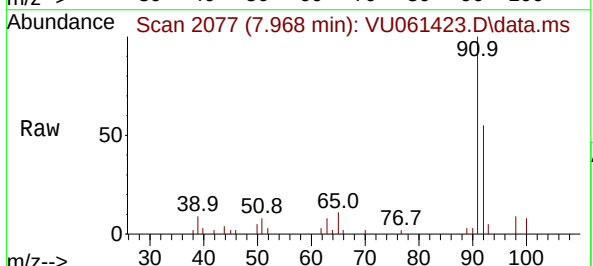
Acq: 04 Nov 2024 22:28

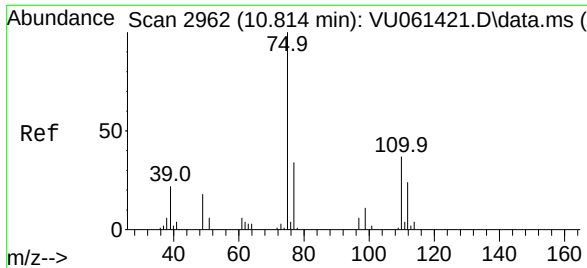
Tgt Ion: 91 Resp: 11546

Ion Ratio Lower Upper

91 100

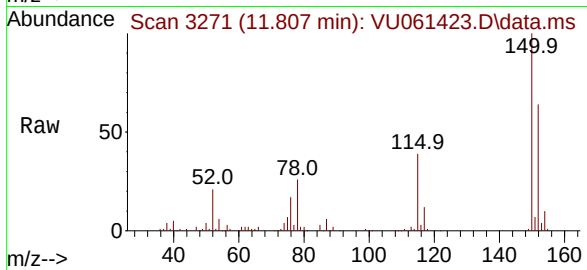
92 55.2 40.3 74.8





#61
1,2,3-Trichloropropane
Concen: 1.218 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU061423.D
Acq: 04 Nov 2024 22:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.3	28.8	43.2#
77	32.9	25.7	38.5

