

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061424.D
 Acq On : 04 Nov 2024 22:53
 Operator : MD/SY
 Sample : P4690-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 04:51:04 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)

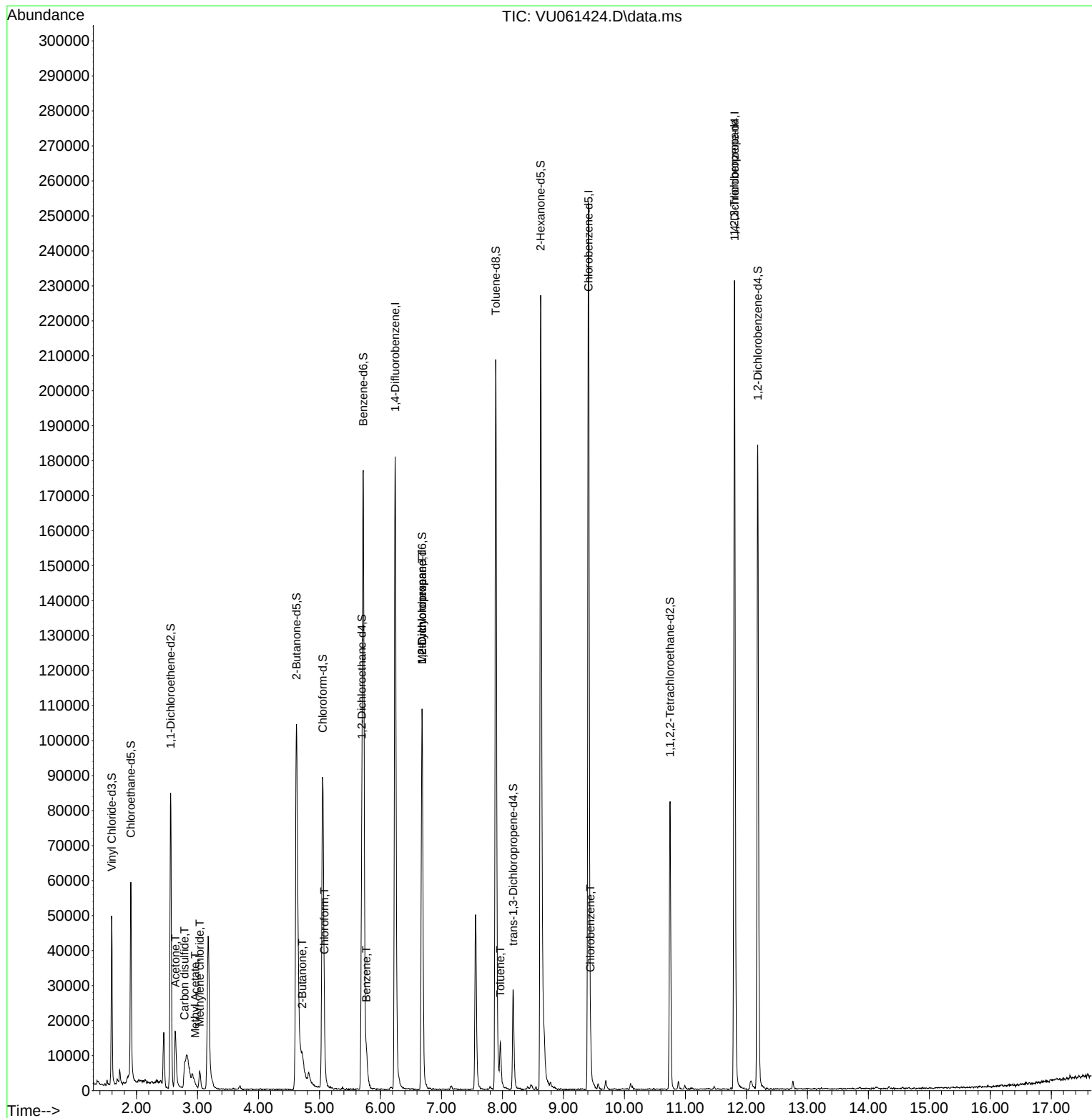
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32730	3.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	38868	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	15764	3.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.624	46	102235	46.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	5.052	84	86270	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	44199	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.717	84	170405	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.682	67	54462	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	150473	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	18116	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.627	63	85341	41.606	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41568	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50105	4.394	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
13) Acetone	2.637	43	21540	15.553	ug/L	95
14) Carbon disulfide	2.785	76	7599	0.243	ug/L	99
15) Methyl Acetate	2.962	43	1170	0.341	ug/L #	47
16) Methylene chloride	3.036	84	2618	0.237	ug/L	96
21) 2-Butanone	4.718	43	9841	4.482	ug/L	99
25) Chloroform	5.081	83	5291	0.257	ug/L	82
33) Benzene	5.769	78	8320	0.186	ug/L	100
35) Methylcyclohexane	6.682	83	12680	0.654	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	5818	0.512	ug/L #	89
42) Toluene	7.965	91	10108	0.208	ug/L	96
51) Chlorobenzene	9.444	112	4732	0.154	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	8117	1.265	ug/L #	66

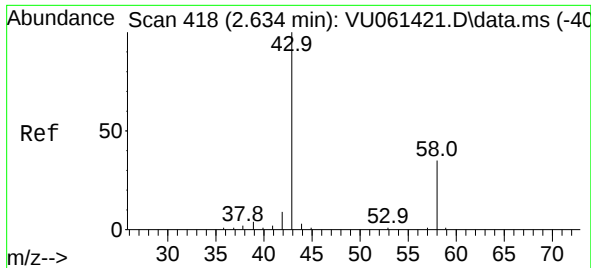
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.553 ug/L

RT: 2.637 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU061424.D

Acq: 04 Nov 2024 22:53

Instrument :

MSVOA_U

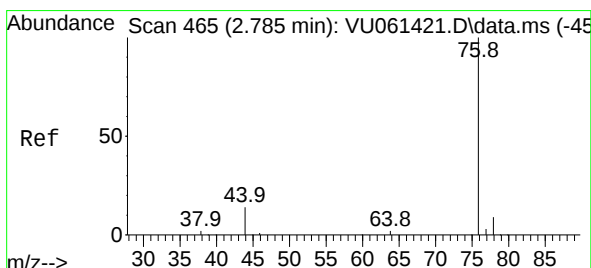
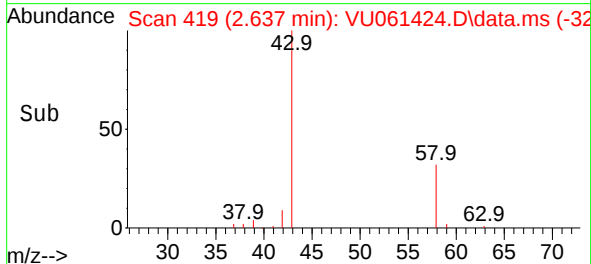
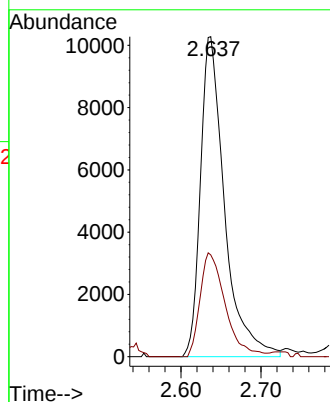
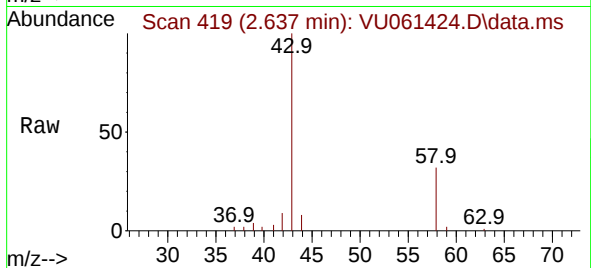
ClientSampleId :

Tgt Ion: 43 Resp: 21540

Ion Ratio Lower Upper

43 100

58 33.8 0.0 73.2



#14

Carbon disulfide

Concen: 0.243 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061424.D

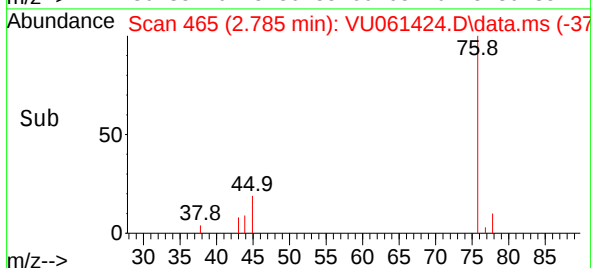
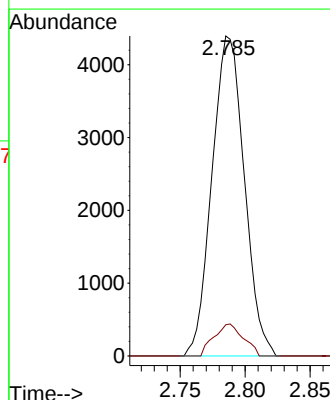
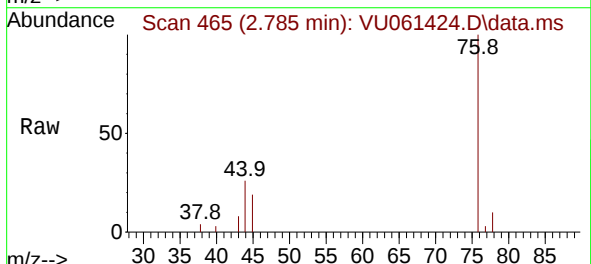
Acq: 04 Nov 2024 22:53

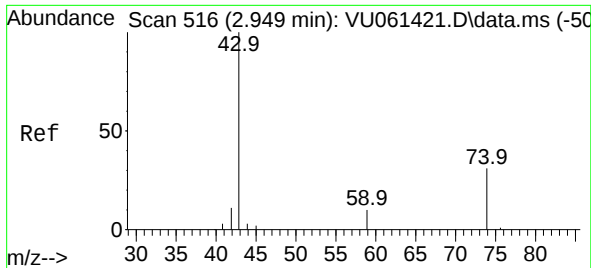
Tgt Ion: 76 Resp: 7599

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





#15

Methyl Acetate

Concen: 0.341 ug/L

RT: 2.962 min Scan# 516

Delta R.T. 0.013 min

Lab File: VU061424.D

Acq: 04 Nov 2024 22:53

Instrument :

MSVOA_U

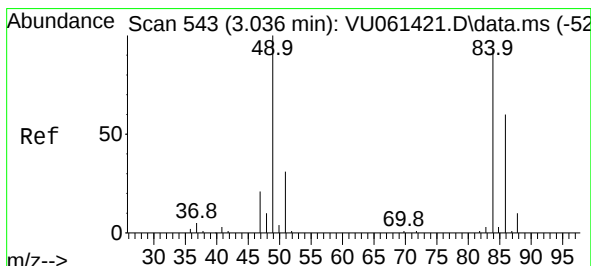
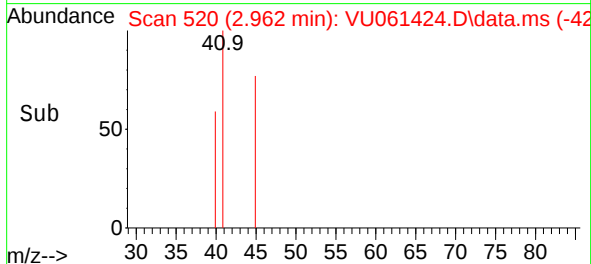
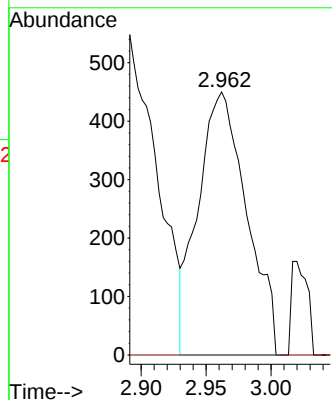
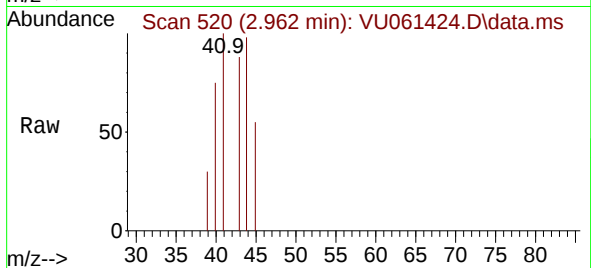
ClientSampleId :

Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#16

Methylene chloride

Concen: 0.237 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061424.D

Acq: 04 Nov 2024 22:53

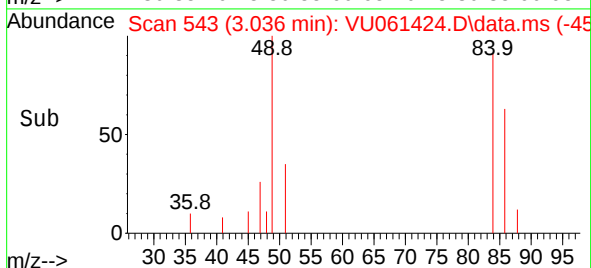
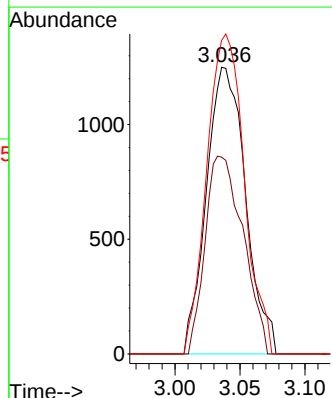
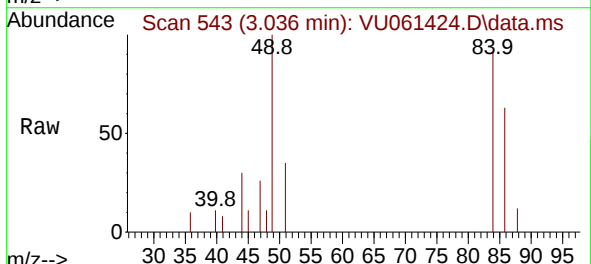
Tgt Ion: 84 Resp: 2618

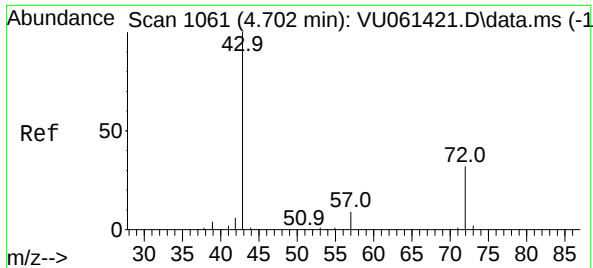
Ion Ratio Lower Upper

84 100

86 68.6 43.5 80.7

49 109.4 75.7 140.7

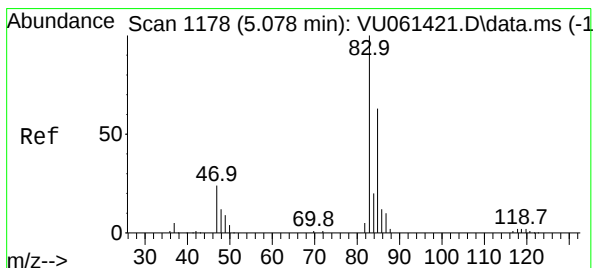
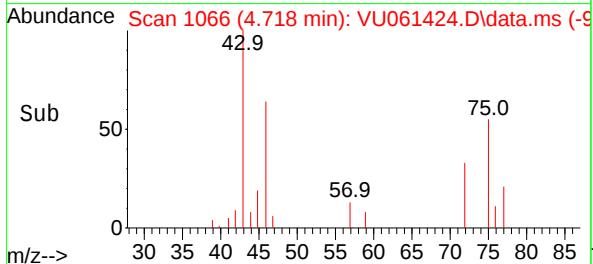
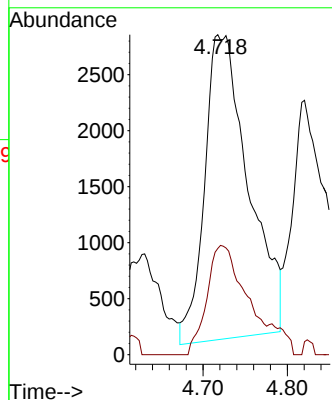
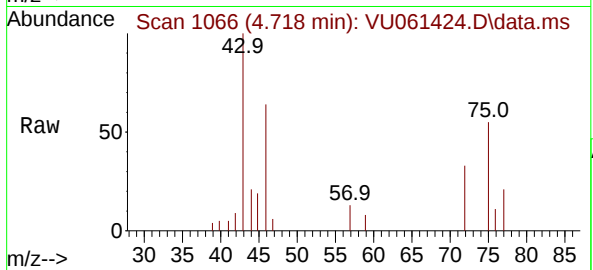




#21
2-Butanone
Concen: 4.482 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.016 min
Lab File: VU061424.D
Acq: 04 Nov 2024 22:53

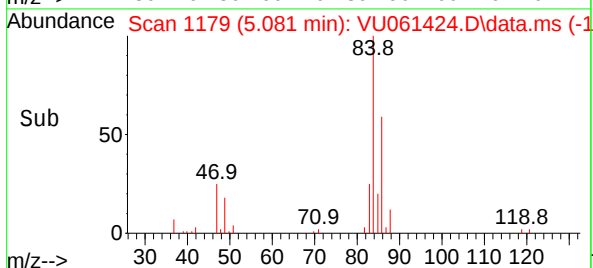
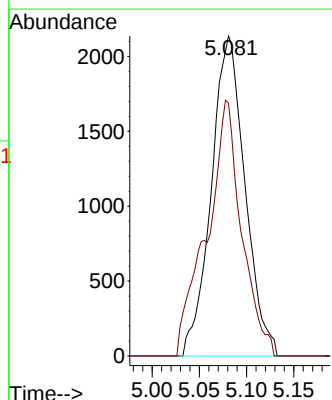
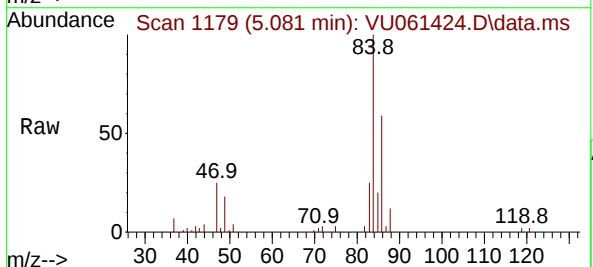
Instrument :
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ClientSampleId :

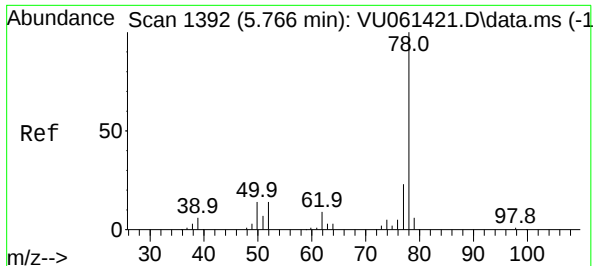
Tgt Ion: 43 Resp: 9841
Ion Ratio Lower Upper
43 100
72 31.4 15.9 47.6



#25
Chloroform
Concen: 0.257 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU061424.D
Acq: 04 Nov 2024 22:53

Tgt Ion: 83 Resp: 5291
Ion Ratio Lower Upper
83 100
85 79.0 45.6 84.6





#33

Benzene

Concen: 0.186 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU061424.D

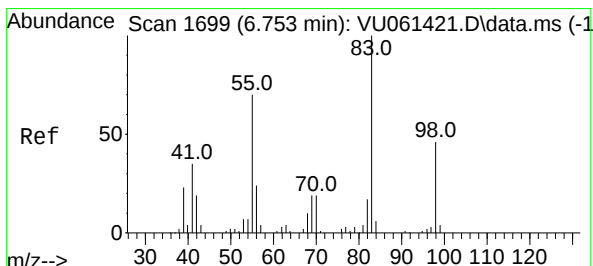
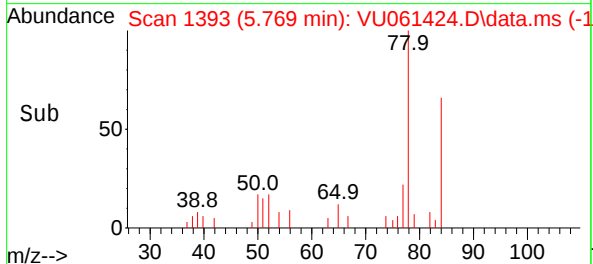
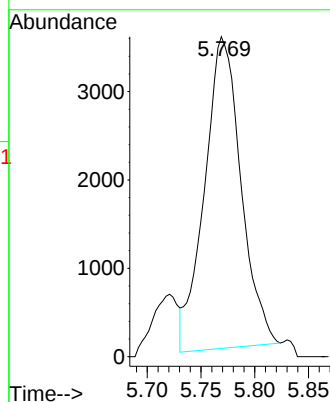
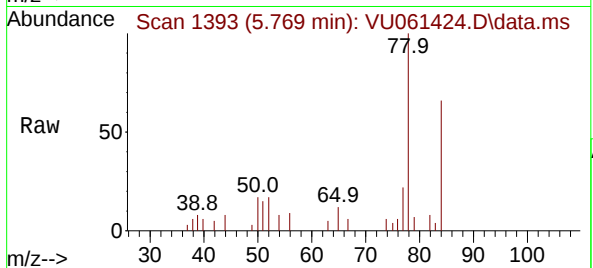
Acq: 04 Nov 2024 22:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 8320



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061424.D

Acq: 04 Nov 2024 22:53

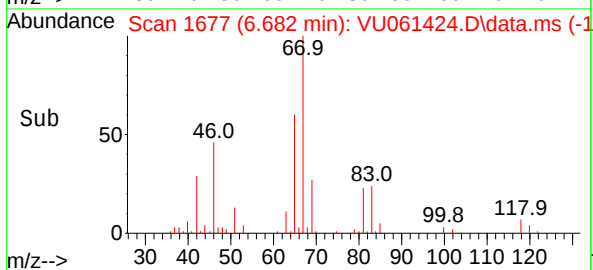
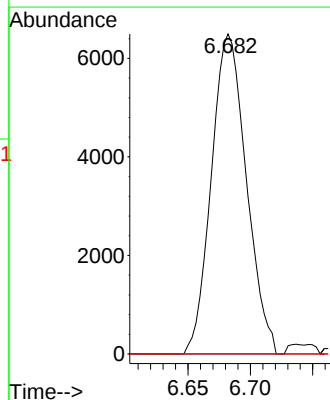
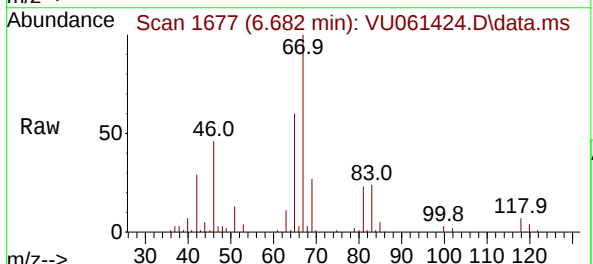
Tgt Ion: 83 Resp: 12680

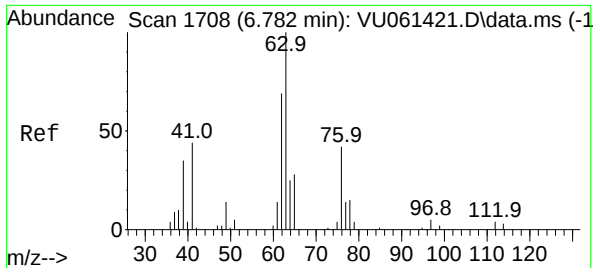
Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.0 35.9 53.9#

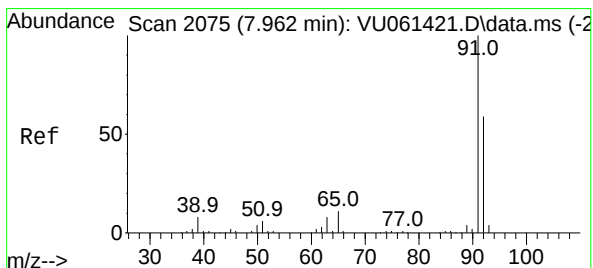
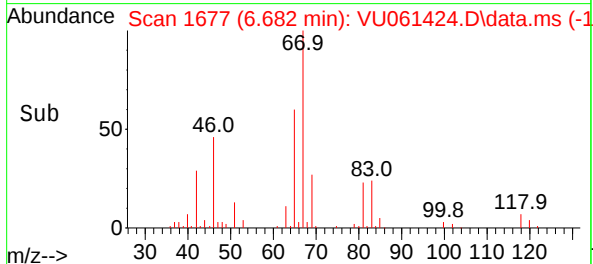
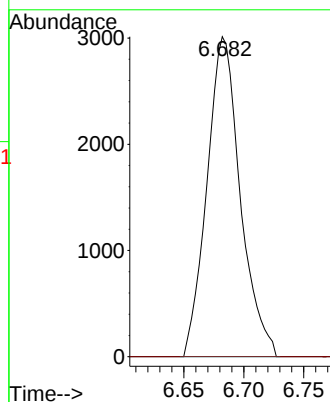
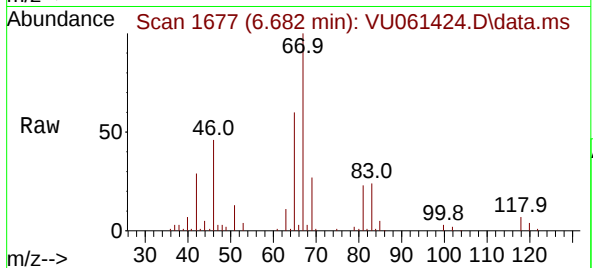




#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061424.D
Acq: 04 Nov 2024 22:53

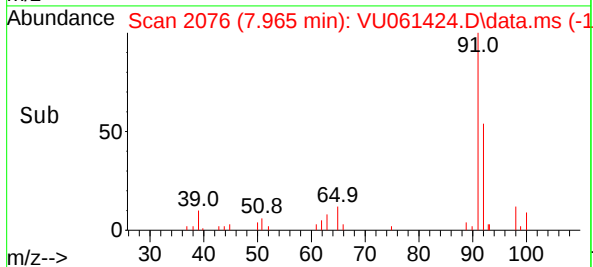
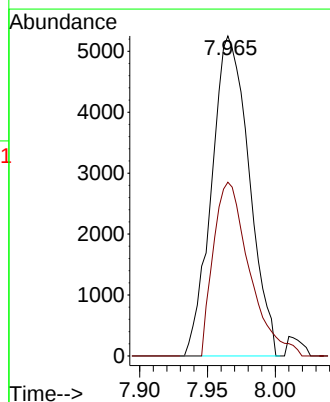
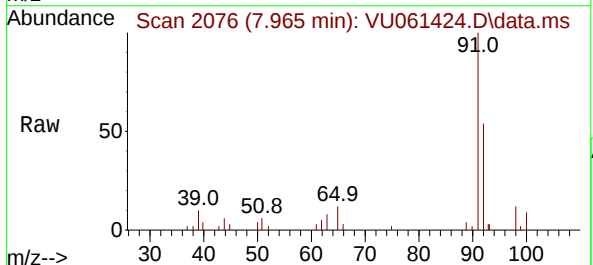
Instrument :
MSVOA_U
ClientSampleId :

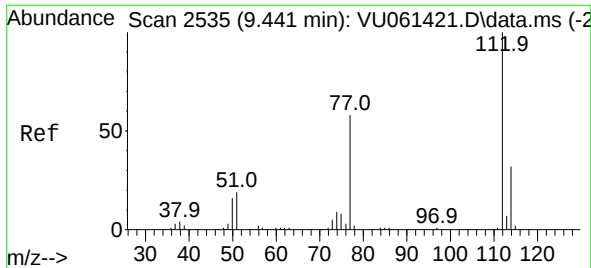
Tgt Ion: 63 Resp: 5818
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.208 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061424.D
Acq: 04 Nov 2024 22:53

Tgt Ion: 91 Resp: 10108
Ion Ratio Lower Upper
91 100
92 54.3 40.3 74.8





#51

Chlorobenzene

Concen: 0.154 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061424.D

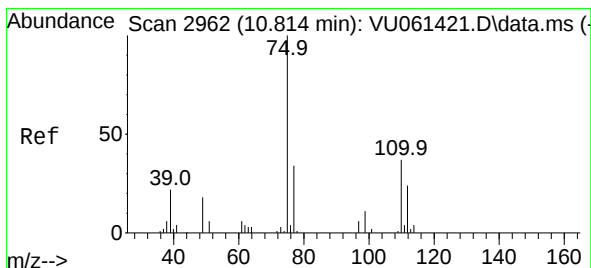
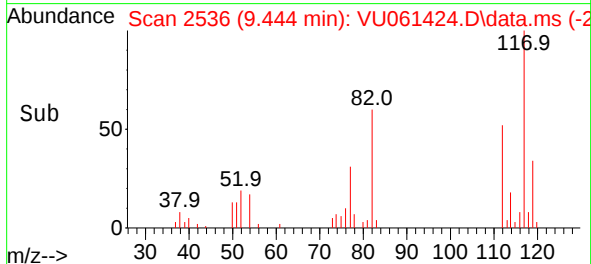
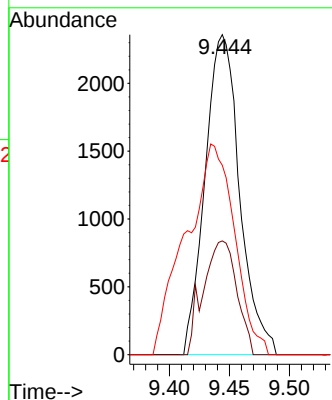
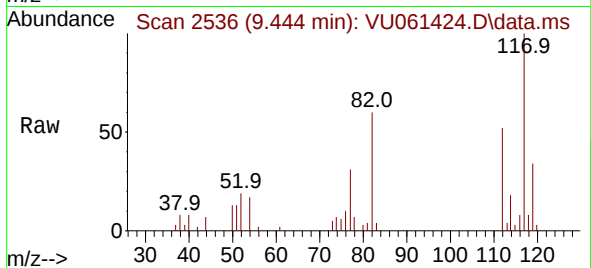
Acq: 04 Nov 2024 22:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	4732
Ion Ratio	Lower	Upper	
112	100		
114	35.6	22.9	42.5
77	59.2	47.1	70.7



#61

1,2,3-Trichloropropane

Concen: 1.265 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061424.D

Acq: 04 Nov 2024 22:53

Tgt Ion:	75	Resp:	8117
Ion Ratio	Lower	Upper	
75	100		
110	1.3	28.8	43.2#
77	35.5	25.7	38.5

