

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059421.D
 Acq On : 21 Jun 2024 21:00
 Operator : MD/SY
 Sample : P2897-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:39:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

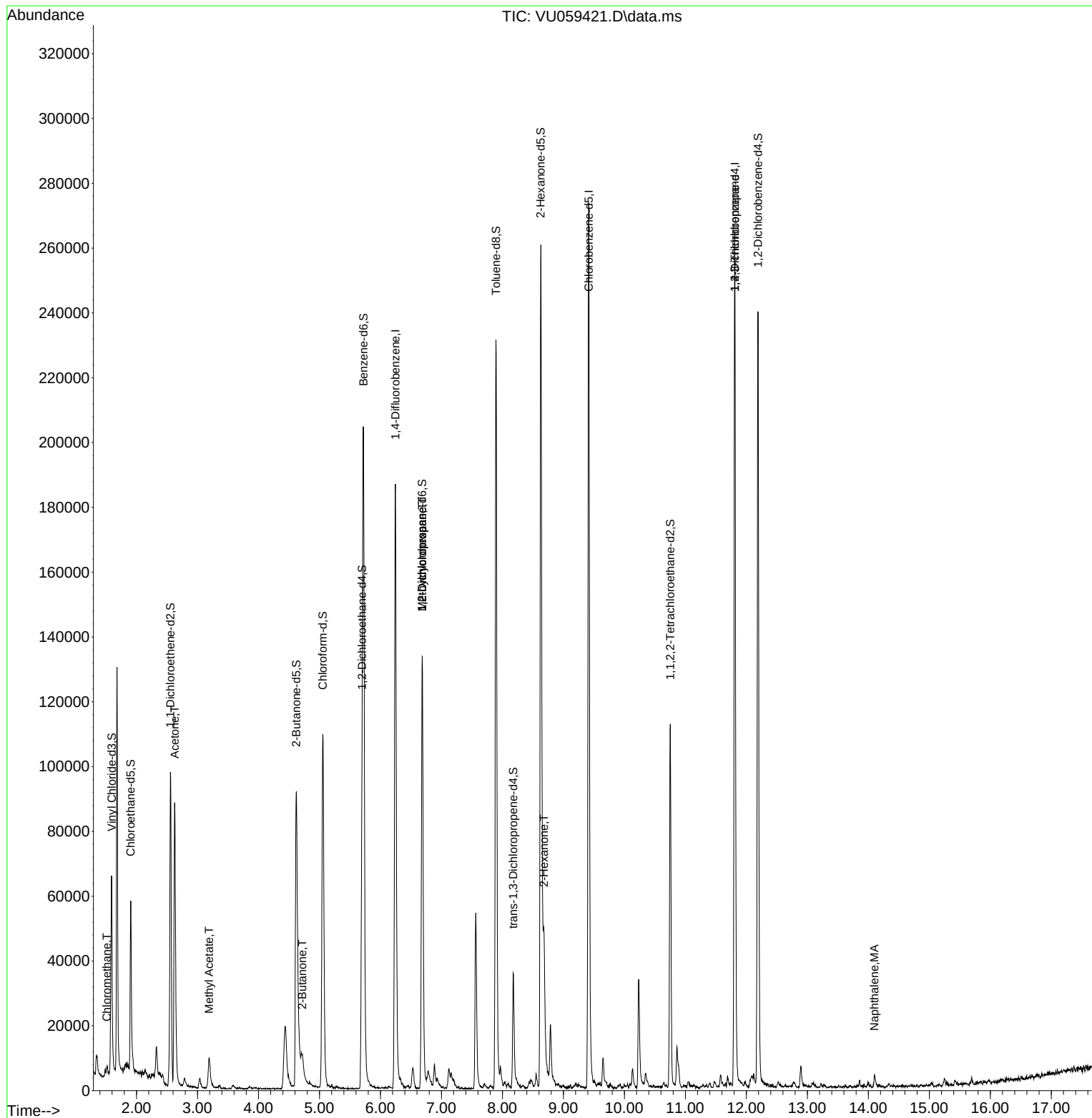
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	152830	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	158522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	75503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44477	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.904	69	45250	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.557	65	17825	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.621	46	134462	61.426	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.860%
24) Chloroform-d	5.055	84	102710	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.698	65	53205	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	197798	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	67066	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.894	98	163672	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	19044	4.549	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.627	63	89026	51.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57537	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	66958	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1550	0.111	ug/L	94
13) Acetone	2.624	43	99604	70.144	ug/L	96
15) Methyl Acetate	3.190	43	1915	0.511	ug/L #	51
21) 2-Butanone	4.718	43	12114	5.319	ug/L	80
35) Methylcyclohexane	6.685	83	15525	0.837	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	7274	0.584	ug/L #	91
48) 2-Hexanone	8.682	43	23780	5.772	ug/L #	95
61) 1,2,3-Trichloropropane	11.811	75	8886	1.274	ug/L #	71
71) Naphthalene	14.100	128	3362	0.174	ug/L #	92

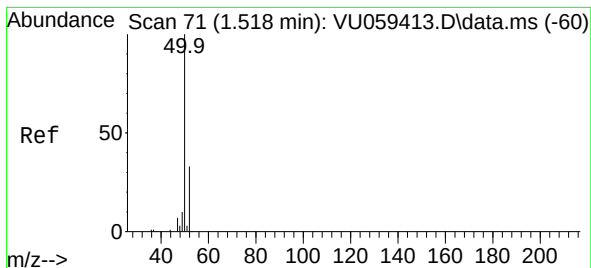
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU059421.D

Acq: 21 Jun 2024 21:00

Instrument :

MSVOA_U

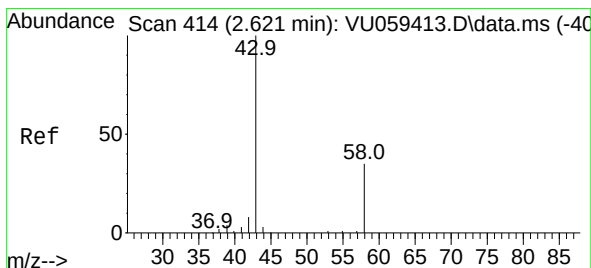
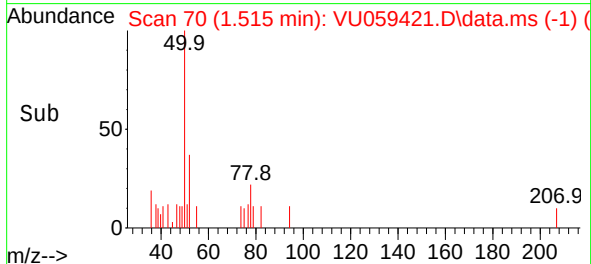
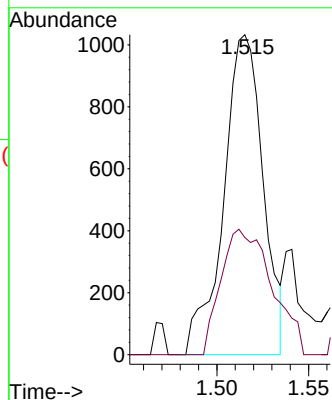
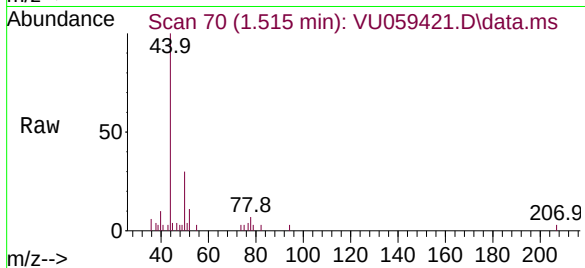
ClientSampleId :

Tgt Ion: 50 Resp: 1550

Ion Ratio Lower Upper

50 100

52 36.6 23.2 43.0



#13

Acetone

Concen: 70.144 ug/L

RT: 2.624 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU059421.D

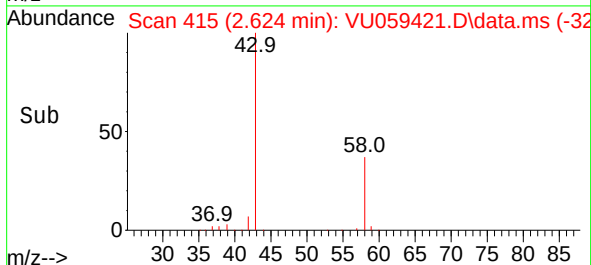
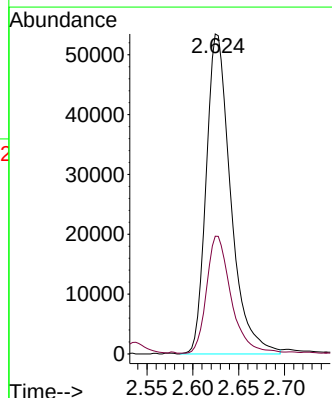
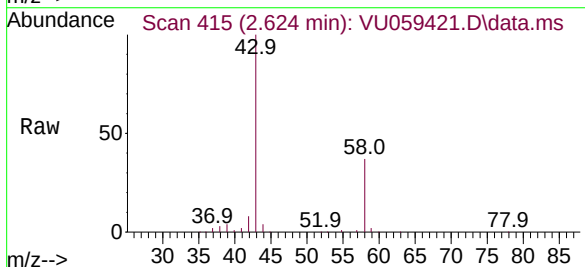
Acq: 21 Jun 2024 21:00

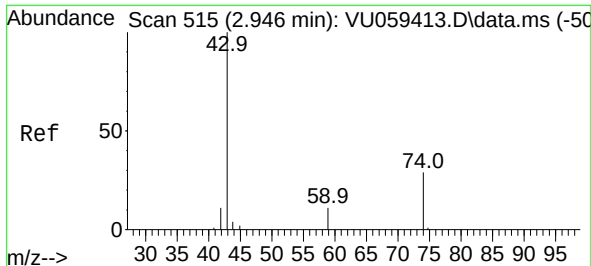
Tgt Ion: 43 Resp: 99604

Ion Ratio Lower Upper

43 100

58 36.4 0.0 68.0





#15

Methyl Acetate

Concen: 0.511 ug/L

RT: 3.190 min Scan# 515

Delta R.T. 0.244 min

Lab File: VU059421.D

Acq: 21 Jun 2024 21:00

Instrument :

MSVOA_U

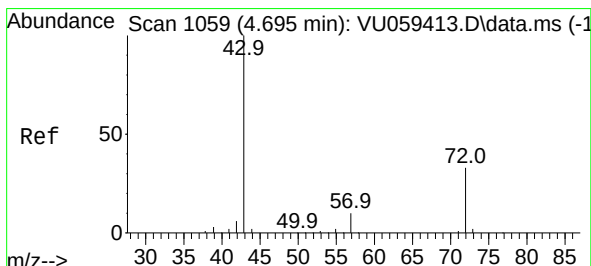
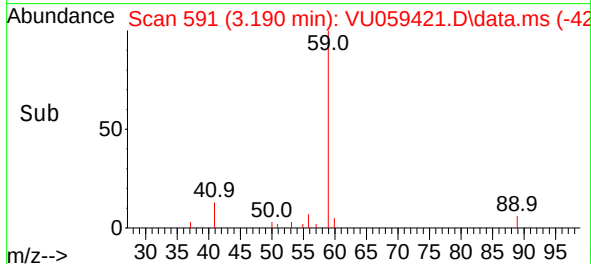
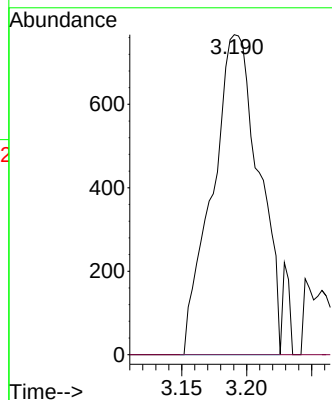
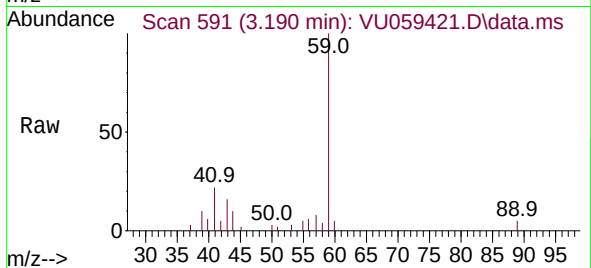
ClientSampleId :

Tgt Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#21

2-Butanone

Concen: 5.319 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.023 min

Lab File: VU059421.D

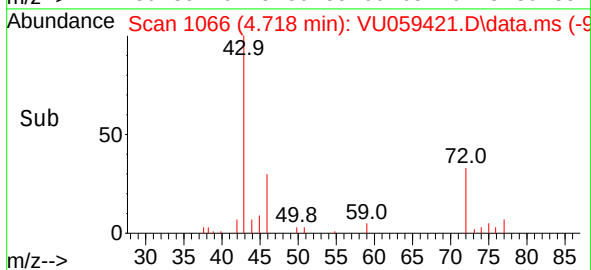
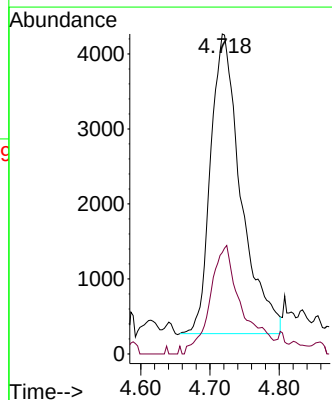
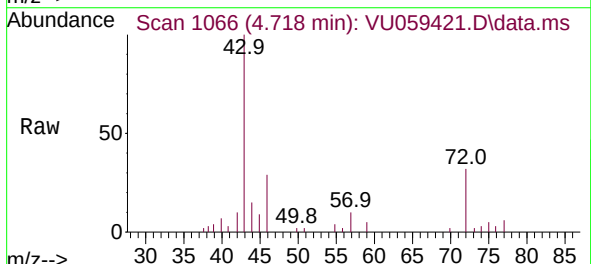
Acq: 21 Jun 2024 21:00

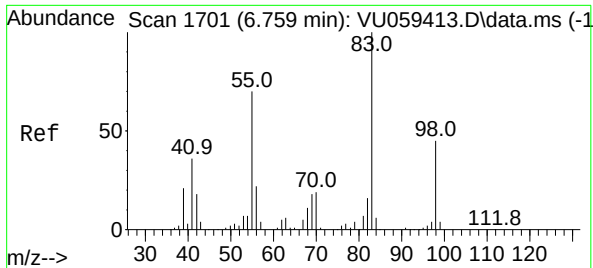
Tgt Ion: 43 Resp: 12114

Ion Ratio Lower Upper

43 100

72 37.9 13.8 41.4





#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059421.D

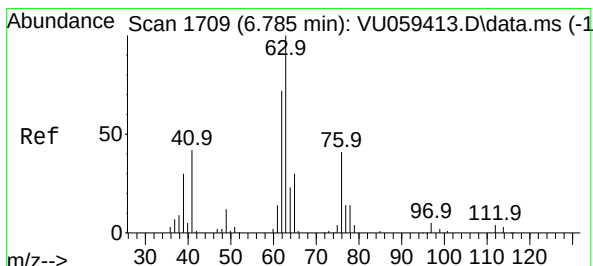
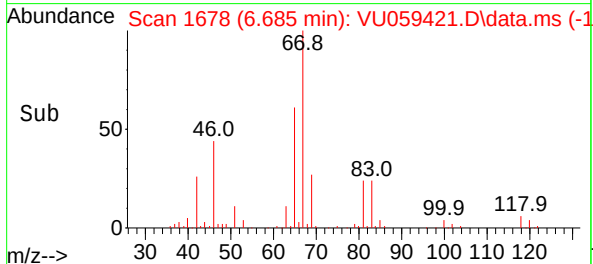
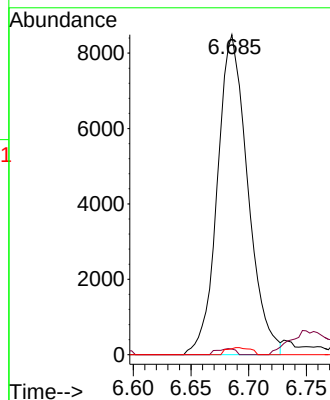
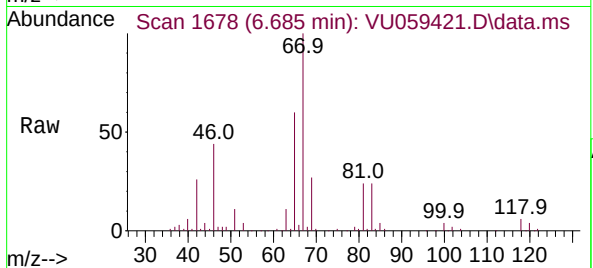
Acq: 21 Jun 2024 21:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15525
Ion Ratio	Lower	Upper	
83	100		
55	1.1	62.7	94.1#
98	1.7	35.4	53.0#



#37

1,2-Dichloropropane

Concen: 0.584 ug/L

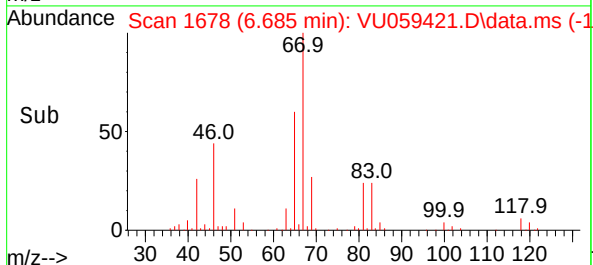
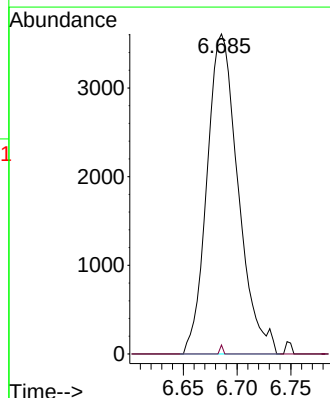
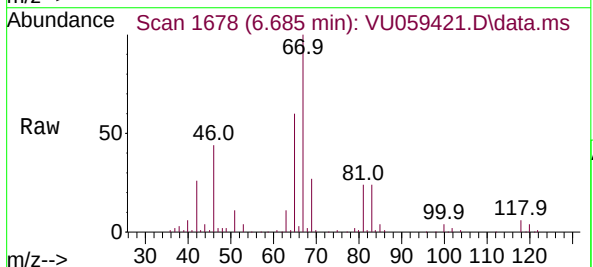
RT: 6.685 min Scan# 1678

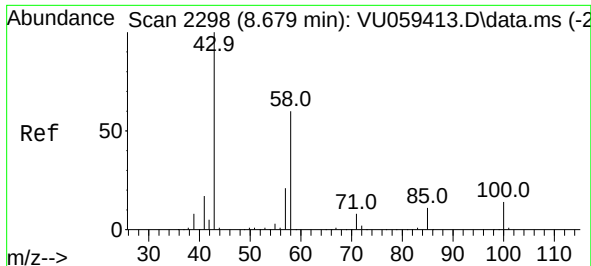
Delta R.T. -0.100 min

Lab File: VU059421.D

Acq: 21 Jun 2024 21:00

Tgt Ion:	63	Resp:	7274
Ion Ratio	Lower	Upper	
63	100		
112	0.3	2.6	3.8#





#48

2-Hexanone

Concen: 5.772 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

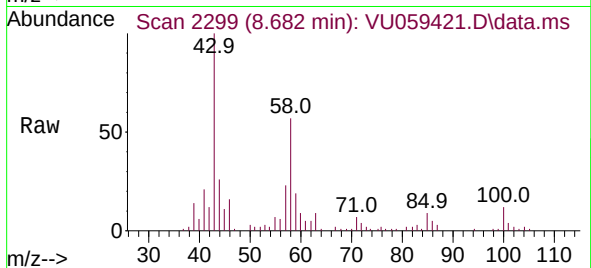
Lab File: VU059421.D

Acq: 21 Jun 2024 21:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 23780

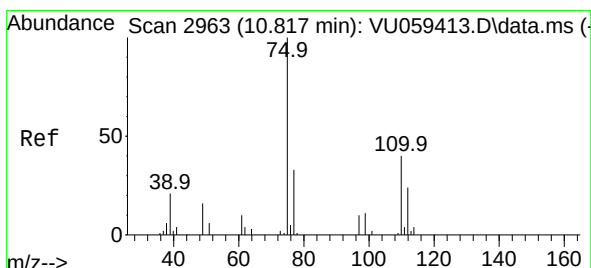
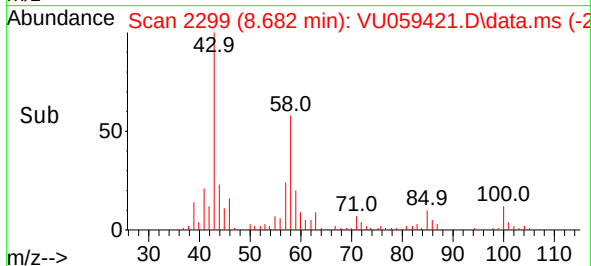
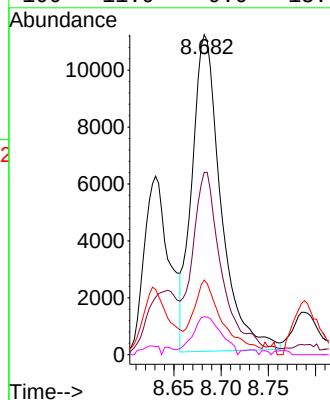
Ion Ratio Lower Upper

43 100

58 54.9 46.1 69.1

57 24.1 15.5 23.3#

100 11.9 9.0 13.6



#61

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059421.D

Acq: 21 Jun 2024 21:00

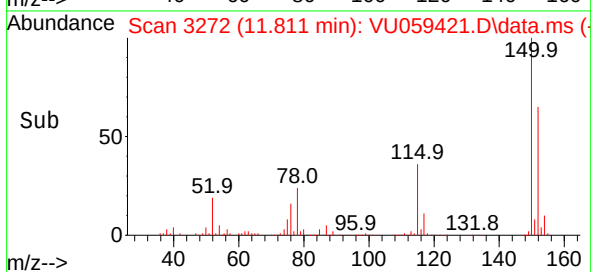
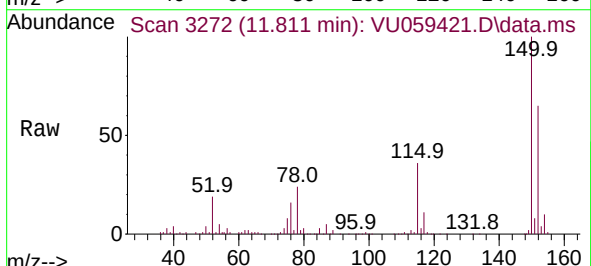
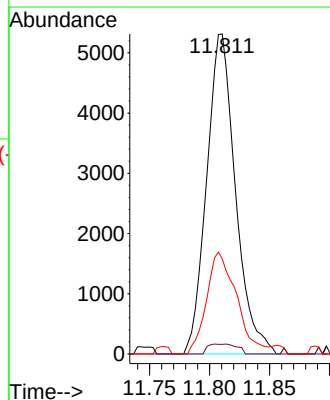
Tgt Ion: 75 Resp: 8886

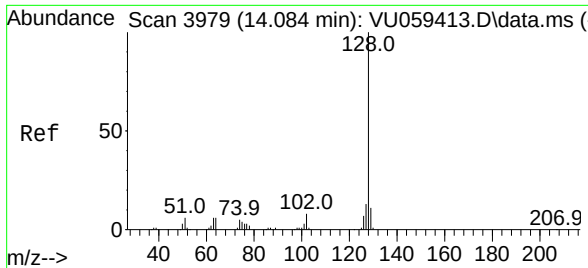
Ion Ratio Lower Upper

75 100

110 3.1 27.1 40.7#

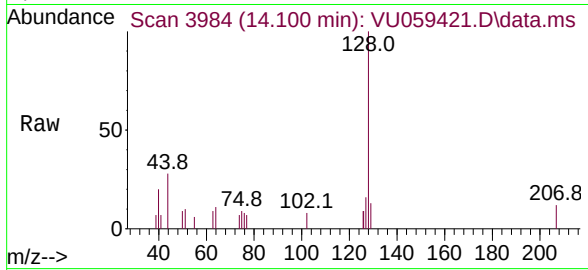
77 33.2 25.4 38.2





#71
Naphthalene
Concen: 0.174 ug/L
RT: 14.100 min Scan# 3979
Delta R.T. 0.016 min
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ClientSampleId :



Tgt Ion:	128	Resp:	3362
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.2	12.4
127	17.8	10.2	15.4#

