

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059416.D
 Acq On : 21 Jun 2024 17:59
 Operator : MD/SY
 Sample : P2898-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:38:04 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)

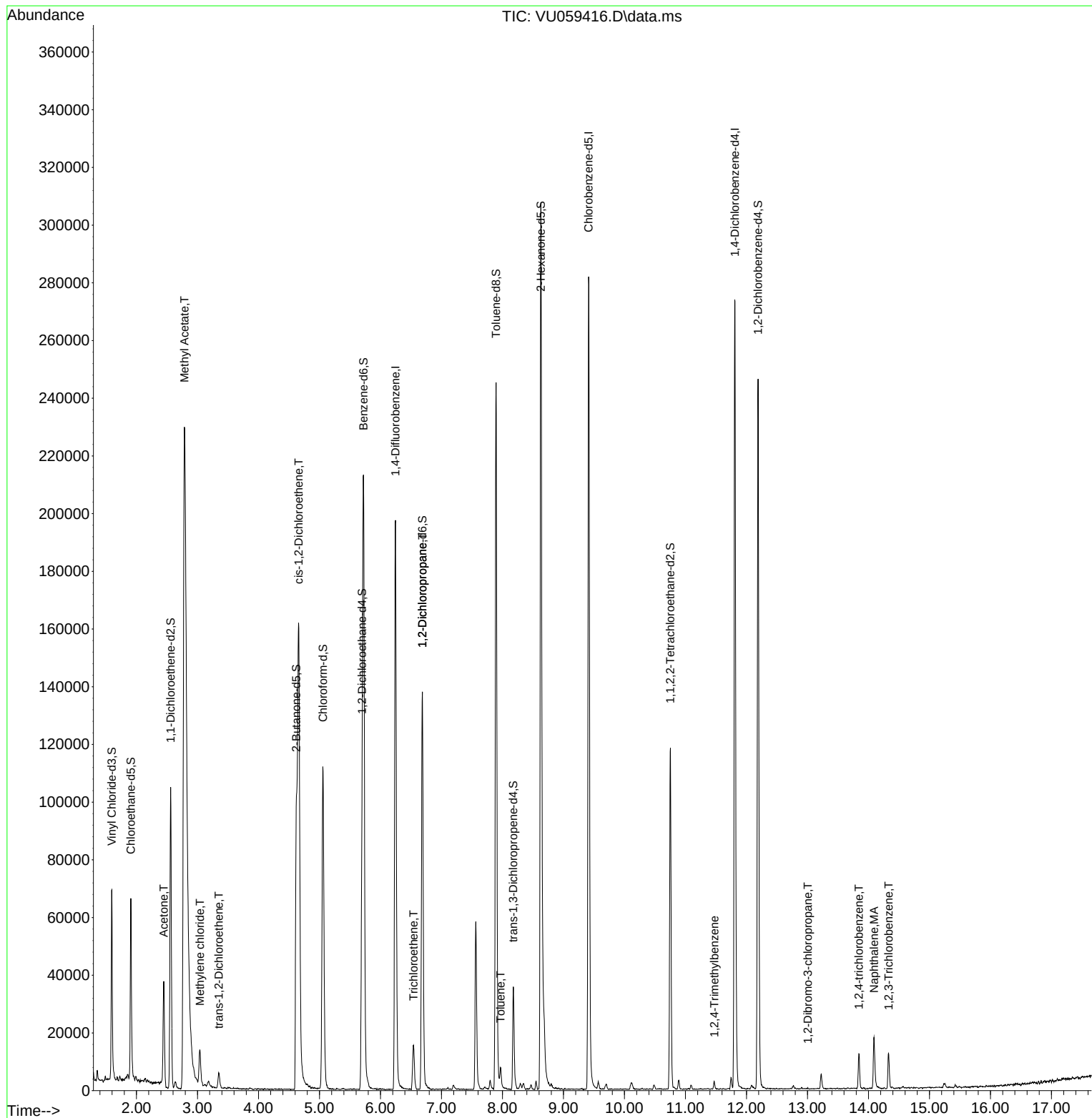
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	167875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46253	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.908	69	48705	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	19265	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.621	46	146528	60.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.880%
24) Chloroform-d	5.055	84	105910	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	56674	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	208659	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	68983	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.894	98	174839	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	21333	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.628	63	109812	59.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62780	5.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	68829	4.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
13) Acetone	2.448	43	22445	14.390	ug/L	49
15) Methyl Acetate	2.785	43	130934	31.810	ug/L #	51
16) Methylene chloride	3.039	84	6455	0.458	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	2214	0.179	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	78912	5.782	ug/L	97
34) Trichloroethene	6.541	95	5348	0.385	ug/L	95
37) 1,2-Dichloropropane	6.685	63	6966	0.525	ug/L #	90
42) Toluene	7.968	91	5436	0.100	ug/L	100
63) 1,2,4-Trimethylbenzene	11.473	105	1946	0.052	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.007	75	99	0.069	ug/L #	6
70) 1,2,4-trichlorobenzene	13.843	180	4750	0.335	ug/L	99
71) Naphthalene	14.090	128	17696	0.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	4938	0.375	ug/L	95

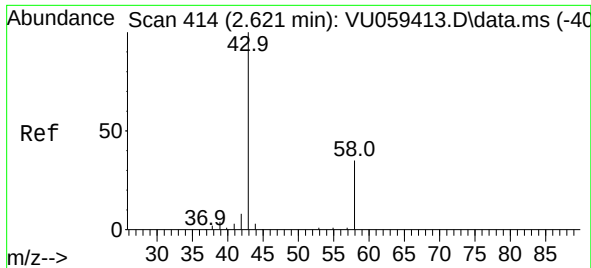
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.390 ug/L

RT: 2.448 min Scan# 30

Delta R.T. -0.173 min

Lab File: VU059416.D

Acq: 21 Jun 2024 17:59

Instrument :

MSVOA_U

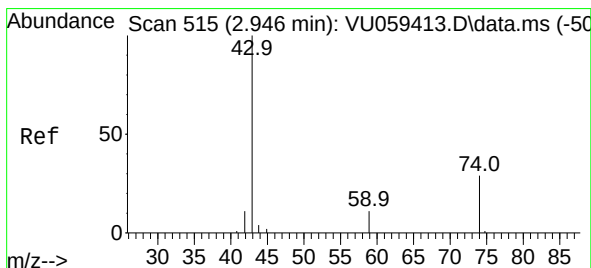
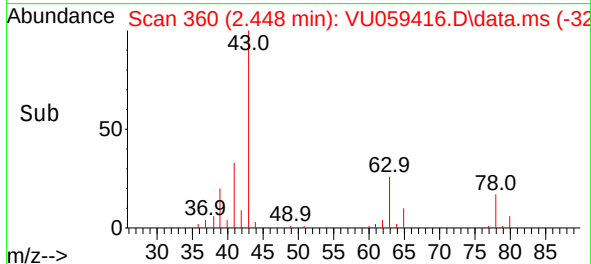
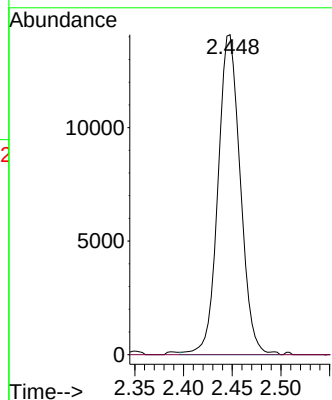
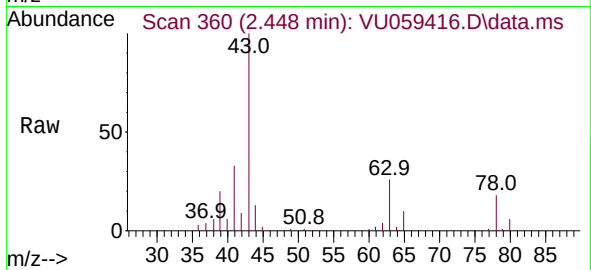
ClientSampleId :

Tgt Ion: 43 Resp: 22445

Ion Ratio Lower Upper

43 100

58 4.7 0.0 68.0



#15

Methyl Acetate

Concen: 31.810 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.161 min

Lab File: VU059416.D

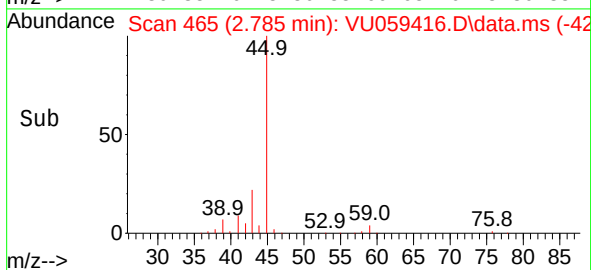
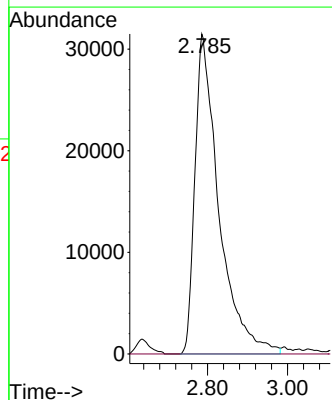
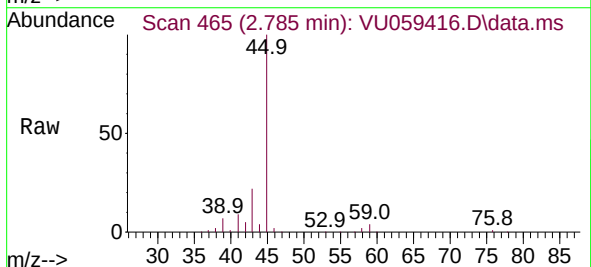
Acq: 21 Jun 2024 17:59

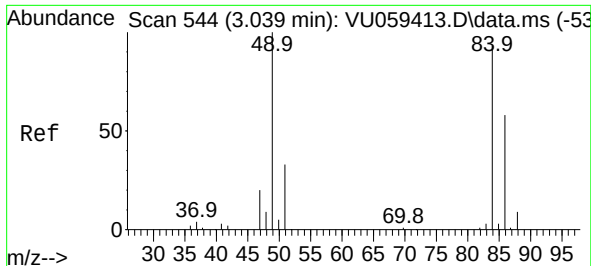
Tgt Ion: 43 Resp: 130934

Ion Ratio Lower Upper

43 100

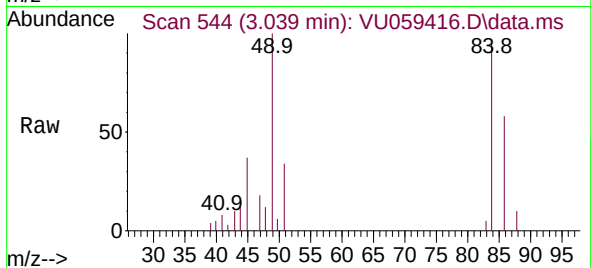
74 0.0 19.2 28.8#



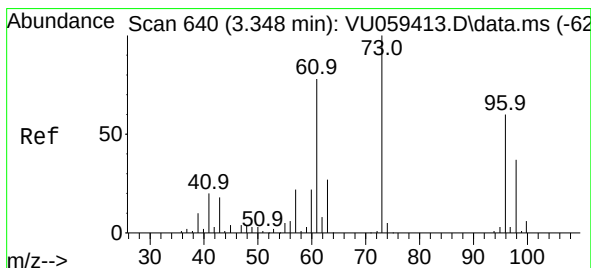
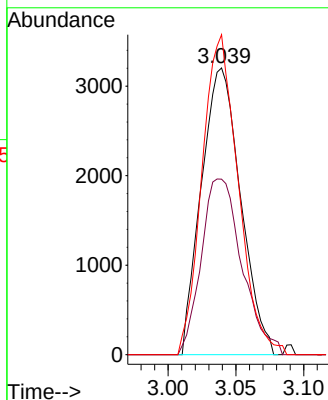
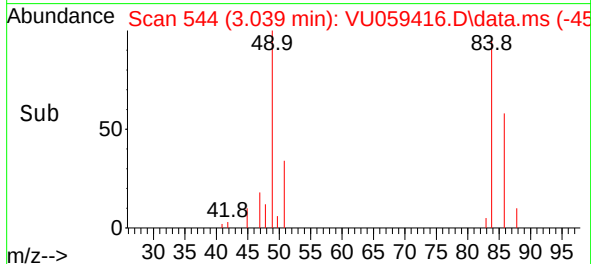


#16
Methylene chloride
Concen: 0.458 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59

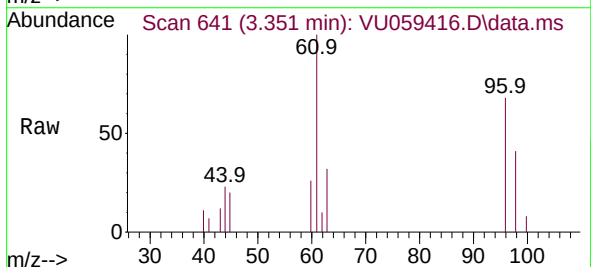
Instrument :
MSVOA_U
ClientSampleId :



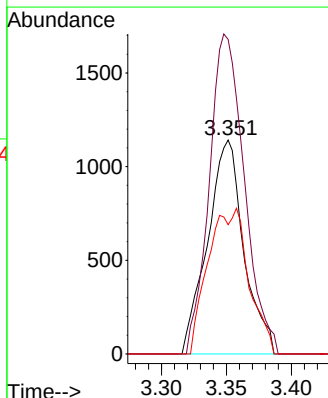
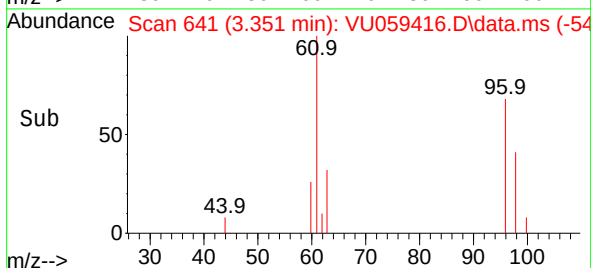
Tgt Ion: 84 Resp: 6455
Ion Ratio Lower Upper
84 100
86 61.2 42.1 78.1
49 111.6 80.6 149.8

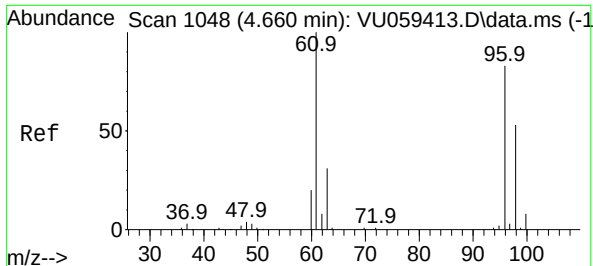


#18
trans-1,2-Dichloroethene
Concen: 0.179 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59



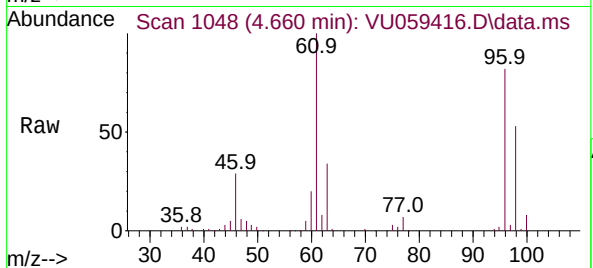
Tgt Ion: 96 Resp: 2214
Ion Ratio Lower Upper
96 100
61 147.0 101.8 189.0
98 60.4 43.3 80.5



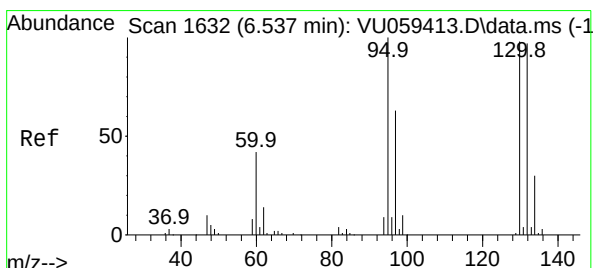
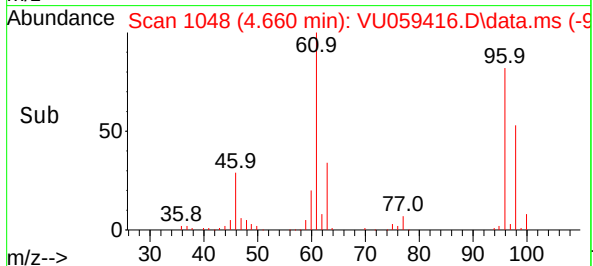
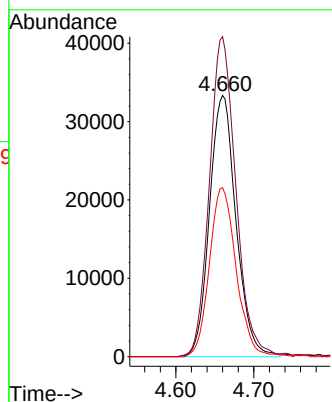


#22
cis-1,2-Dichloroethene
Concen: 5.782 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59

Instrument :
MSVOA_U
ClientSampleId :

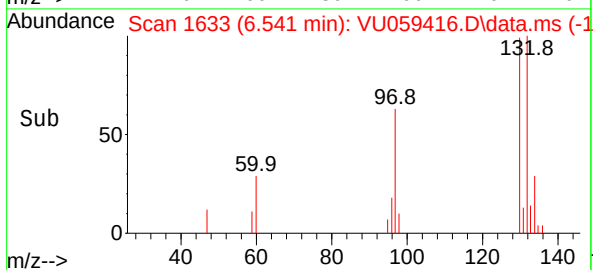
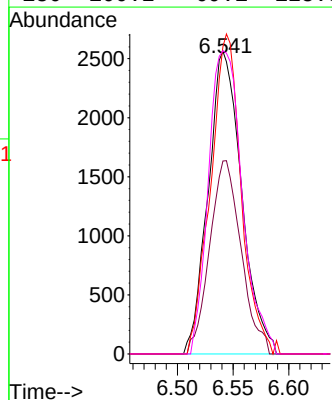
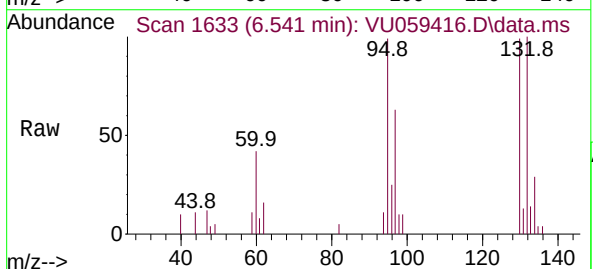


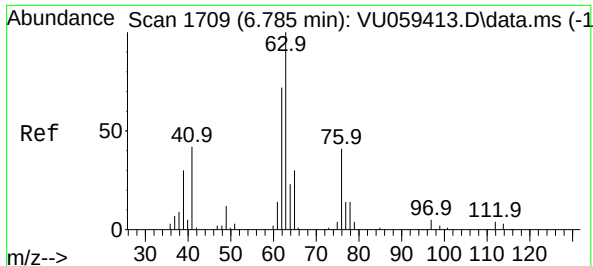
Tgt Ion: 96 Resp: 78912
Ion Ratio Lower Upper
96 100
61 122.5 87.4 162.2
98 64.7 42.3 78.5



#34
Trichloroethene
Concen: 0.385 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59

Tgt Ion: 95 Resp: 5348
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 101.5 64.0 119.0
130 100.2 69.1 128.3

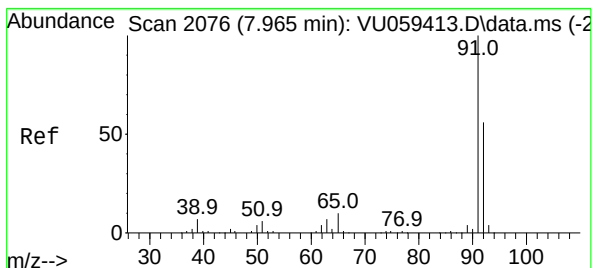
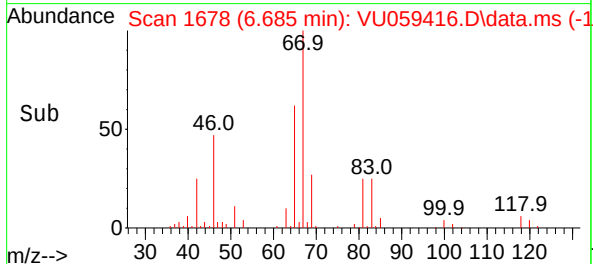
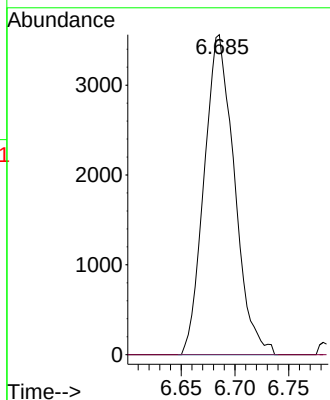
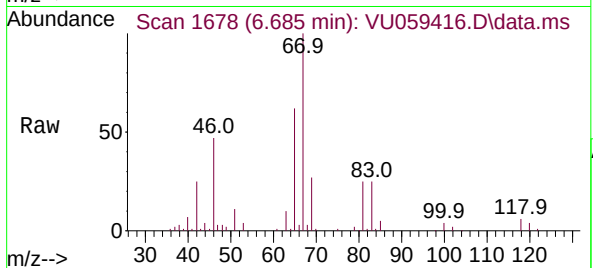




#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59

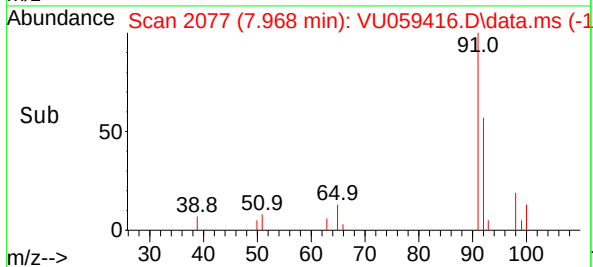
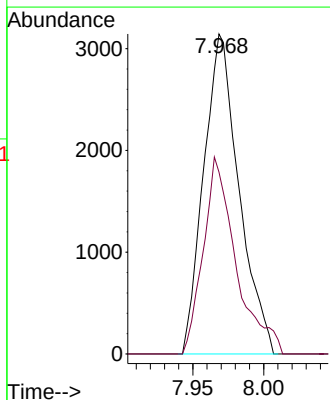
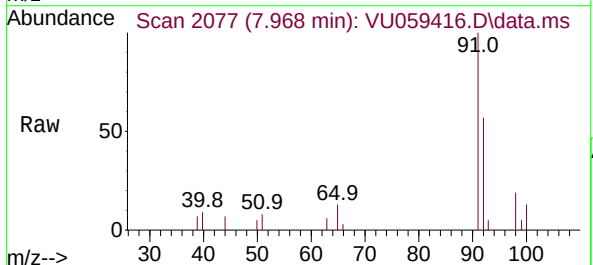
Instrument :
MSVOA_U
ClientSampleId :

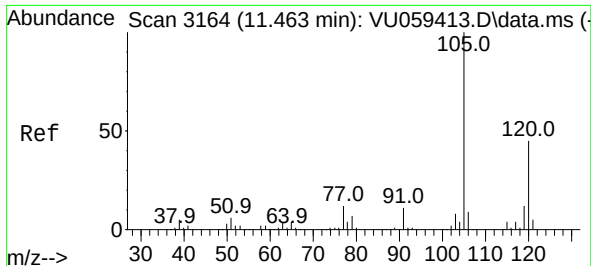
Tgt Ion: 63 Resp: 6966
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.100 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU059416.D
Acq: 21 Jun 2024 17:59

Tgt Ion: 91 Resp: 5436
Ion Ratio Lower Upper
91 100
92 56.8 39.7 73.7





#63

1,2,4-Trimethylbenzene

Concen: 0.052 ug/L

RT: 11.473 min Scan# 3164

Delta R.T. 0.010 min

Lab File: VU059416.D

Acq: 21 Jun 2024 17:59

Instrument :

MSVOA_U

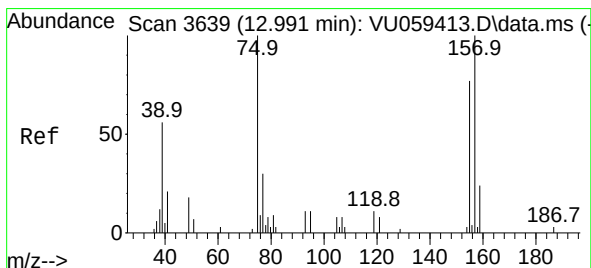
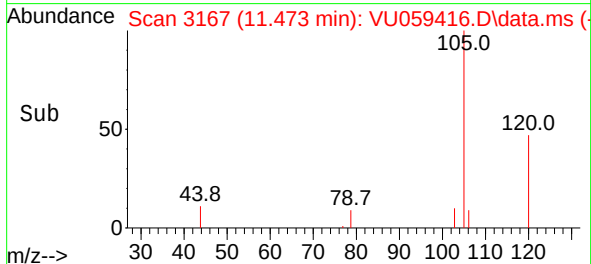
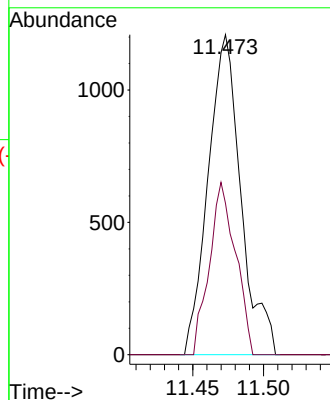
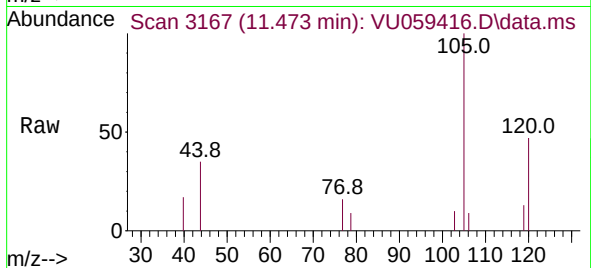
ClientSampleId :

Tgt Ion:105 Resp: 1946

Ion Ratio Lower Upper

105 100

120 43.0 35.4 53.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.069 ug/L

RT: 13.007 min Scan# 3644

Delta R.T. 0.016 min

Lab File: VU059416.D

Acq: 21 Jun 2024 17:59

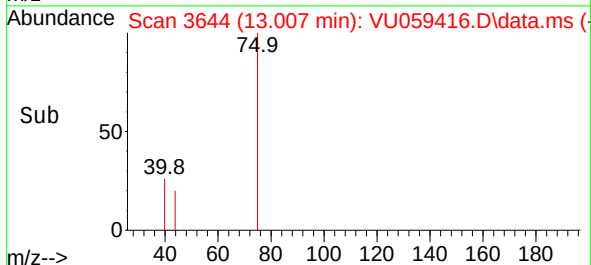
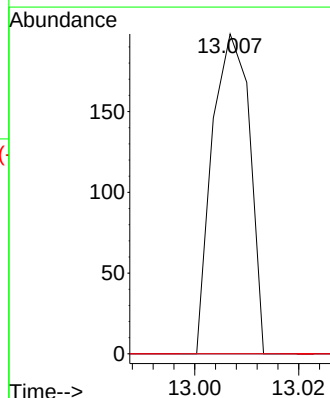
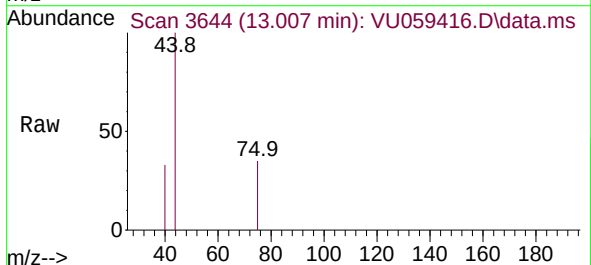
Tgt Ion: 75 Resp: 99

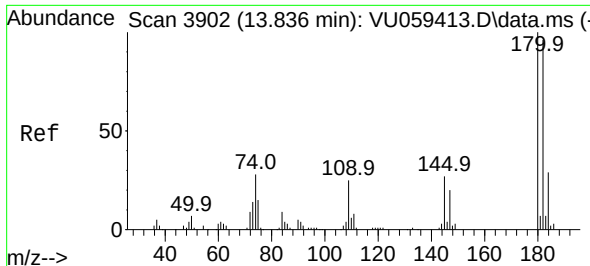
Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 80.0 120.0#





#70

1,2,4-trichlorobenzene

Concen: 0.335 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

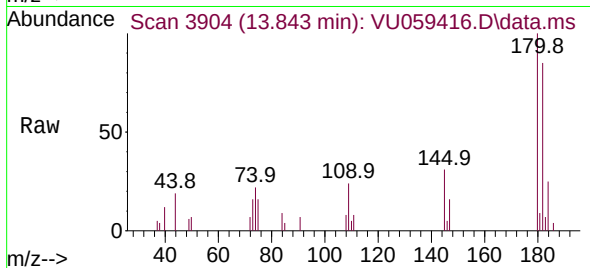
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Acq: 21 Jun 2024 17:59

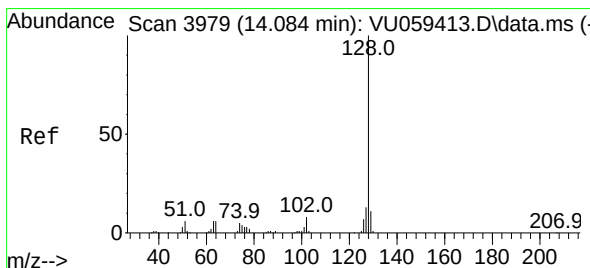
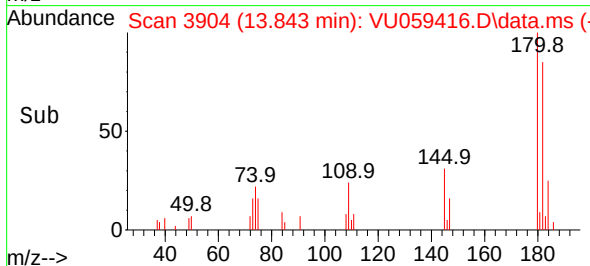
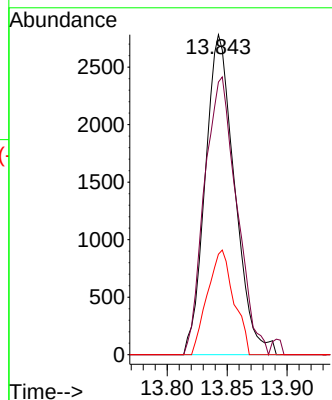
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	4750
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.9	112.3
145	29.3	23.9	35.9



#71

Naphthalene

Concen: 0.871 ug/L

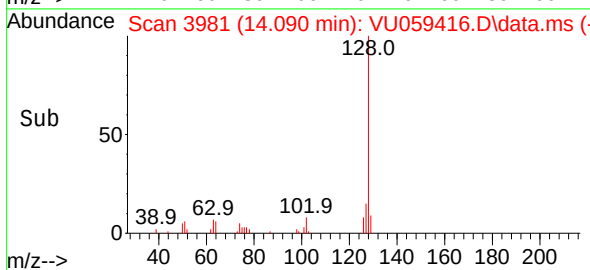
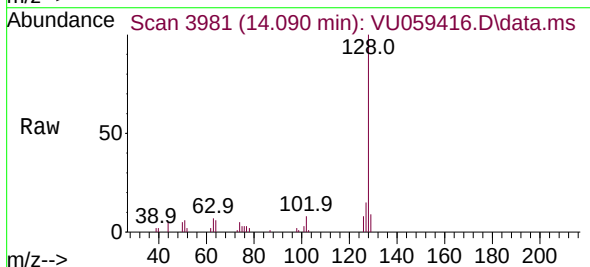
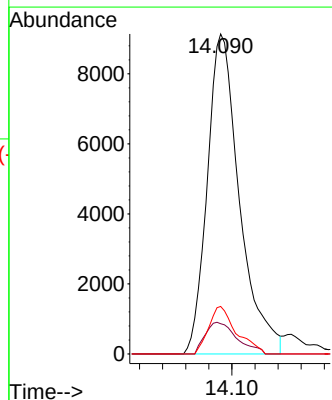
RT: 14.090 min Scan# 3981

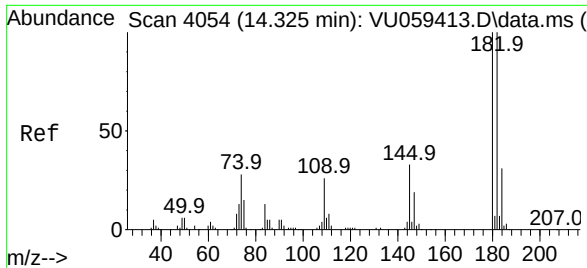
Delta R.T. 0.007 min

Lab File: VU059416.D

Acq: 21 Jun 2024 17:59

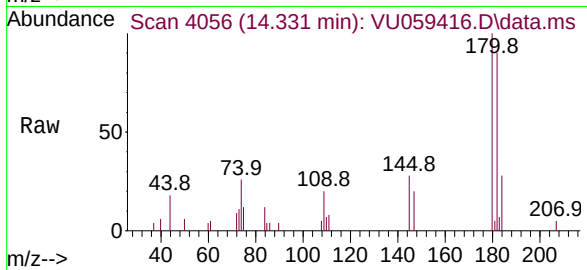
Tgt Ion:	128	Resp:	17696
Ion Ratio	Lower	Upper	
128	100		
129	9.8	8.2	12.4
127	12.7	10.2	15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.375 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.007 min
 Lab File: VU059416.D
 Acq: 21 Jun 2024 17:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4938
Ion Ratio	Lower	Upper	
180	100		
182	93.2	77.0	115.6
145	27.6	26.2	39.4

