

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059417.D
 Acq On : 21 Jun 2024 18:24
 Operator : MD/SY
 Sample : P2898-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:38:23 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)

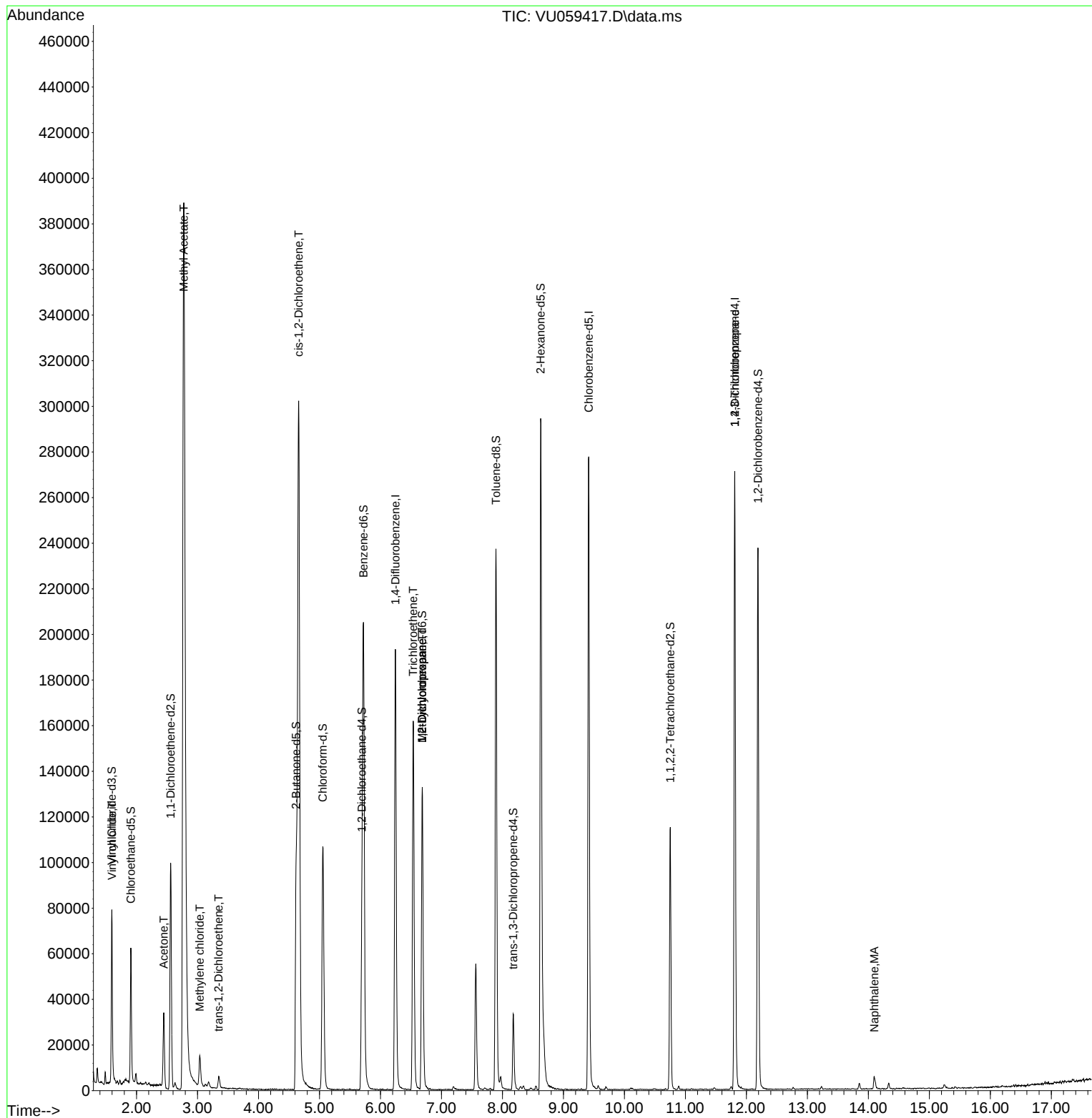
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	163152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44015	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.907	69	45709	4.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.560	65	18322	3.893	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.618	46	143037	61.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.420%
24) Chloroform-d	5.055	84	103315	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	54735	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	203205	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	66226	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	165191	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.177	79	19844	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	105520	58.413	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59775	5.211	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	67005	4.879	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	7829	0.476	ug/L	87
13) Acetone	2.447	43	19309	12.738	ug/L	53
15) Methyl Acetate	2.775	43	155301	38.822	ug/L #	51
16) Methylene chloride	3.036	84	6402	0.467	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	2151	0.179	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	160287	12.084	ug/L	96
34) Trichloroethene	6.537	95	56956	4.207	ug/L	97
35) Methylcyclohexane	6.685	83	15506	0.805	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	7306	0.565	ug/L #	90
61) 1,2,3-Trichloropropane	11.810	75	9612	1.348	ug/L #	68
71) Naphthalene	14.097	128	6653	0.338	ug/L	99

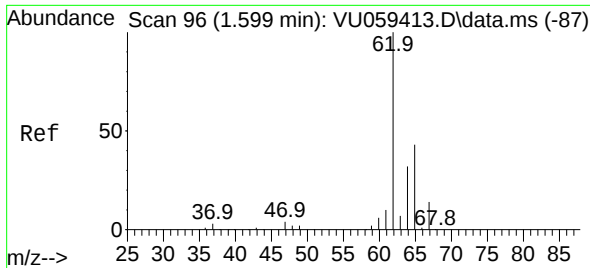
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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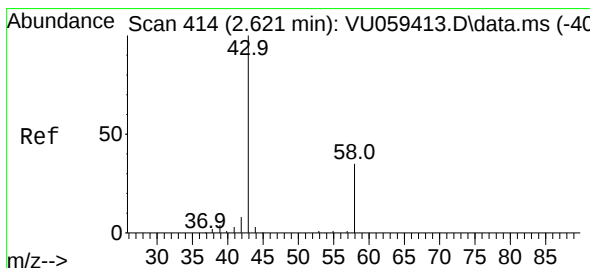
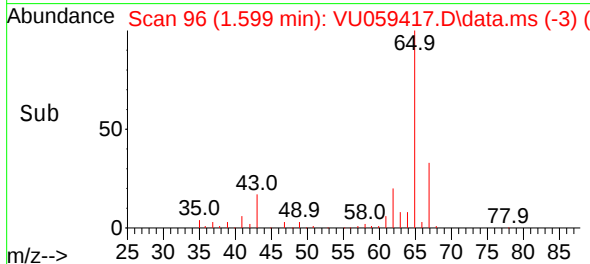
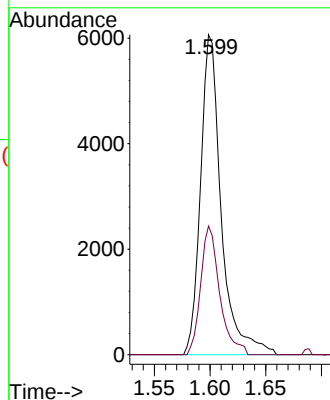
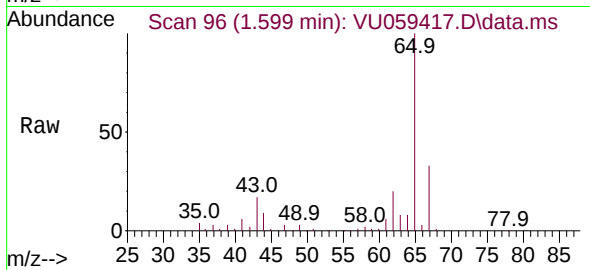




#5
 Vinyl chloride
 Concen: 0.476 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059417.D
 Acq: 21 Jun 2024 18:24

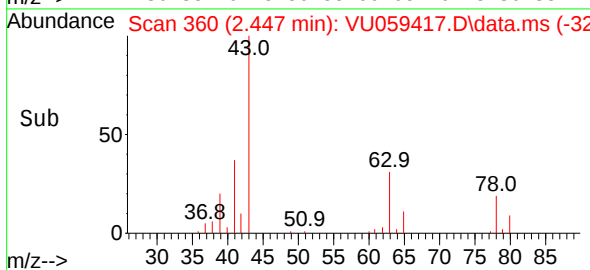
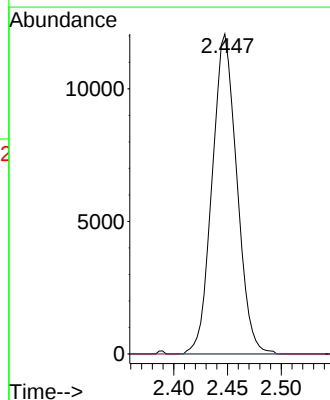
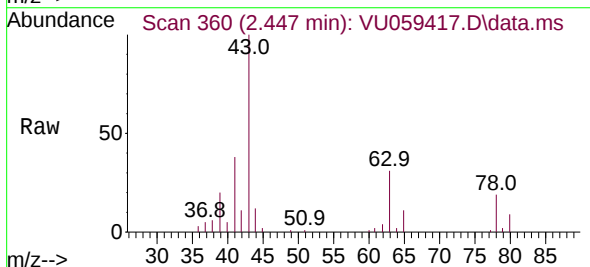
Instrument :
 MSVOA_U
 ClientSampleId :

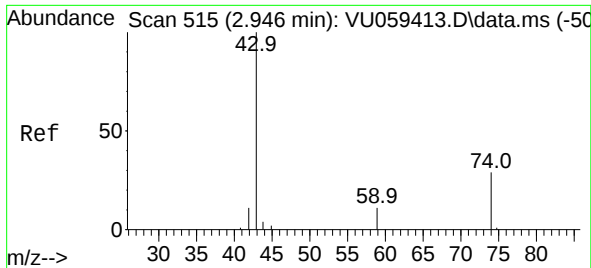
Tgt Ion: 62 Resp: 7829
 Ion Ratio Lower Upper
 62 100
 64 40.2 23.1 42.9



#13
 Acetone
 Concen: 12.738 ug/L
 RT: 2.447 min Scan# 360
 Delta R.T. -0.174 min
 Lab File: VU059417.D
 Acq: 21 Jun 2024 18:24

Tgt Ion: 43 Resp: 19309
 Ion Ratio Lower Upper
 43 100
 58 7.2 0.0 68.0





#15

Methyl Acetate

Concen: 38.822 ug/L

RT: 2.775 min Scan# 4

Delta R.T. -0.170 min

Lab File: VU059417.D

Acq: 21 Jun 2024 18:24

Instrument :

MSVOA_U

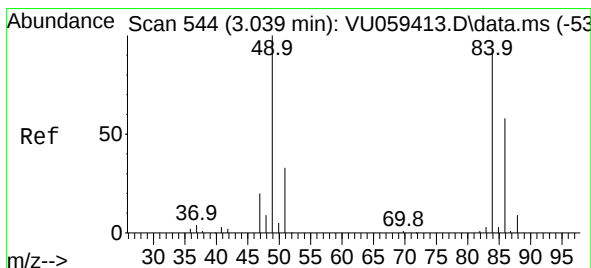
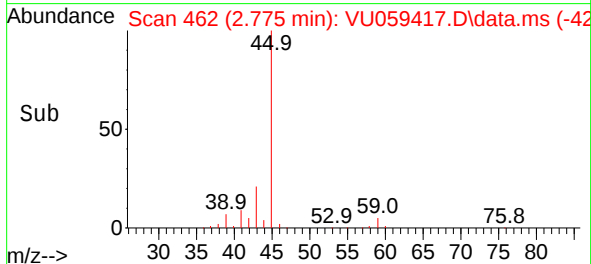
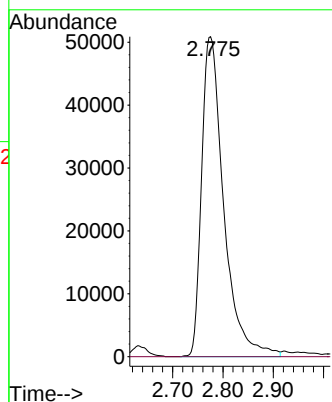
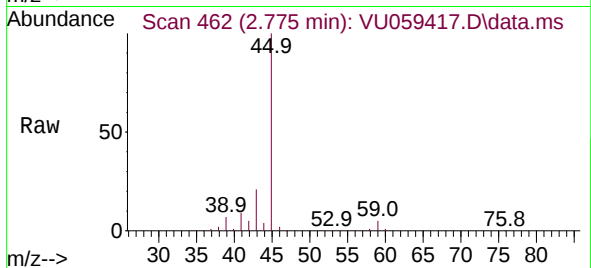
ClientSampleId :

Tgt Ion: 43 Resp: 155301

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 0.467 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059417.D

Acq: 21 Jun 2024 18:24

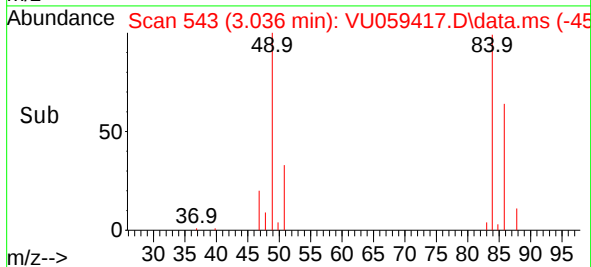
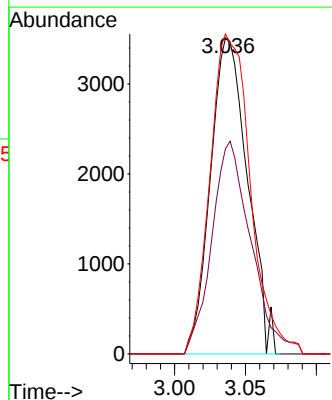
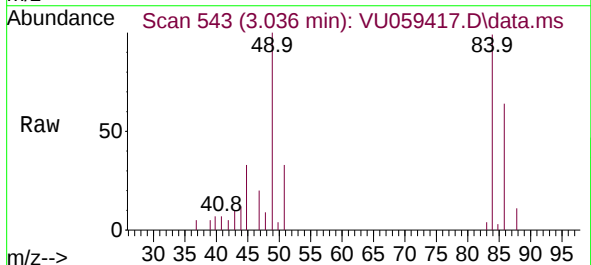
Tgt Ion: 84 Resp: 6402

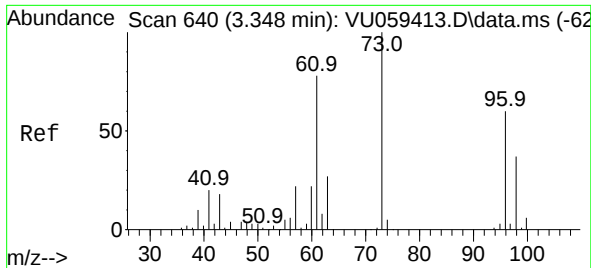
Ion Ratio Lower Upper

84 100

86 64.9 42.1 78.1

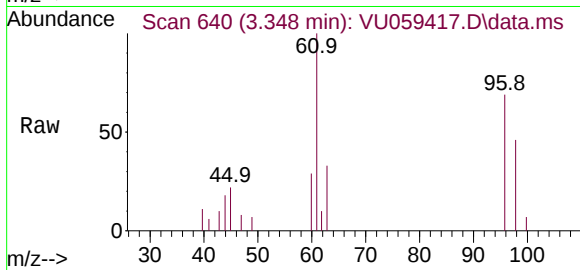
49 105.7 80.6 149.8



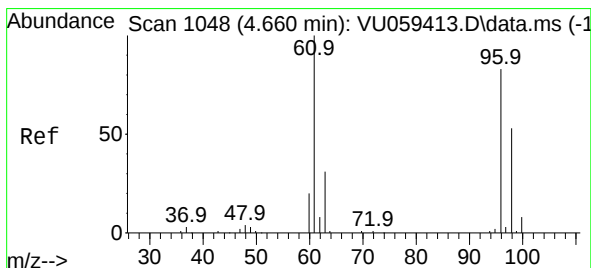
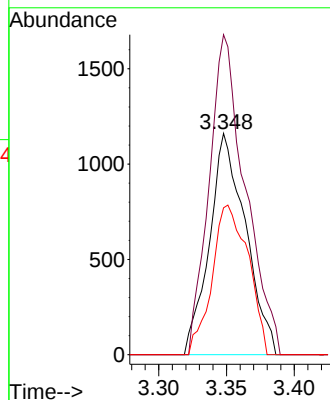
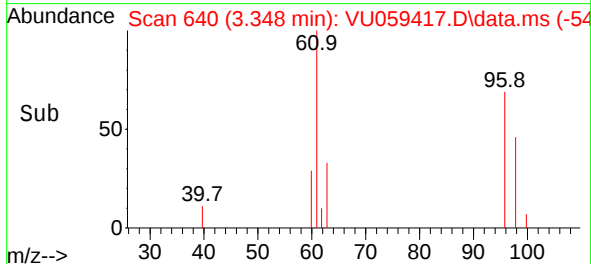


#18
trans-1,2-Dichloroethene
Concen: 0.179 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

Instrument :
MSVOA_U
ClientSampleId :

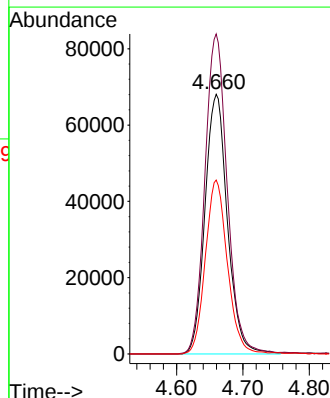
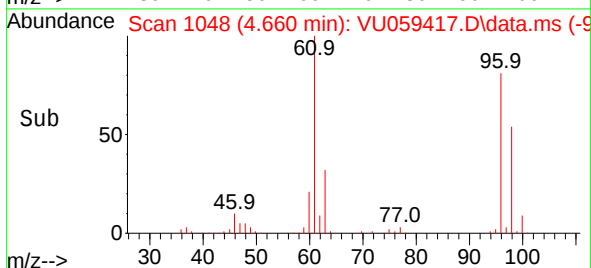
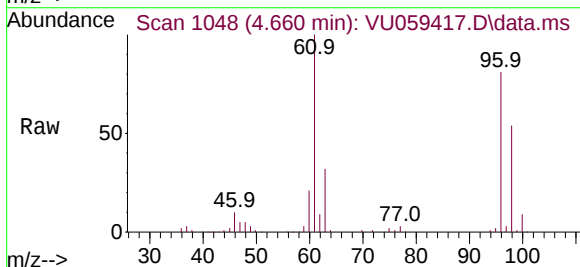


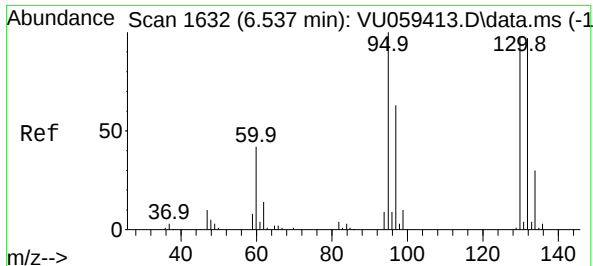
Tgt Ion: 96 Resp: 2151
Ion Ratio Lower Upper
96 100
61 144.6 101.8 189.0
98 66.4 43.3 80.5



#22
cis-1,2-Dichloroethene
Concen: 12.084 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

Tgt Ion: 96 Resp: 160287
Ion Ratio Lower Upper
96 100
61 123.2 87.4 162.2
98 66.9 42.3 78.5

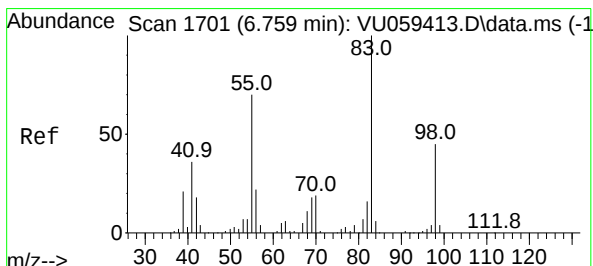
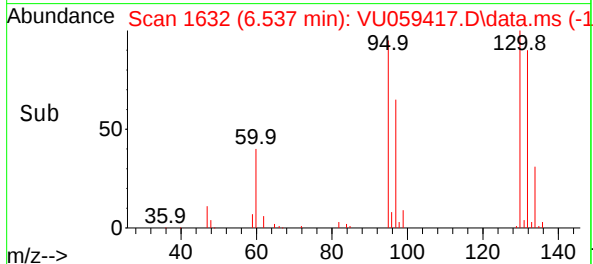
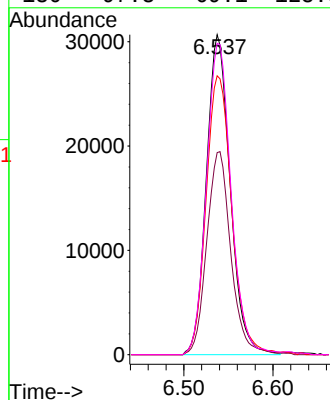
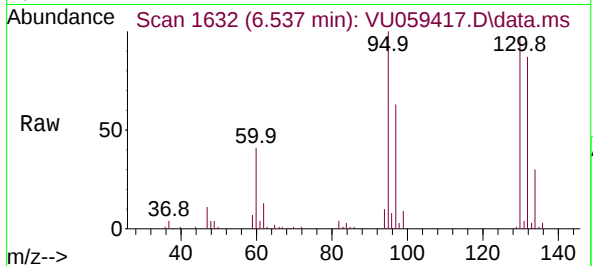




#34
Trichloroethene
Concen: 4.207 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

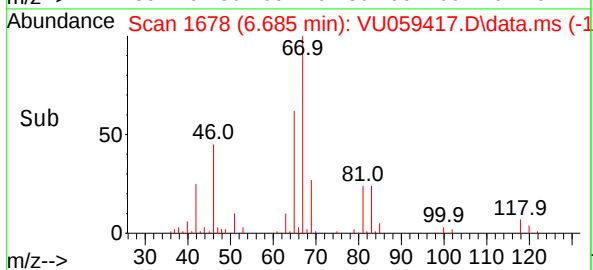
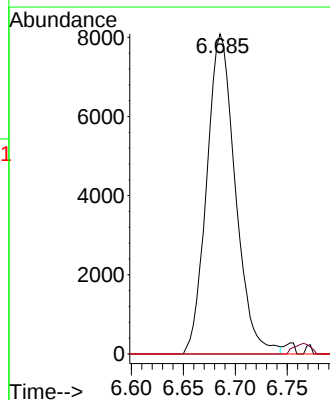
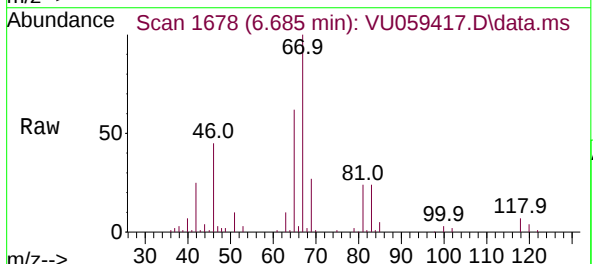
Instrument :
MSVOA_U
ClientSampleId :

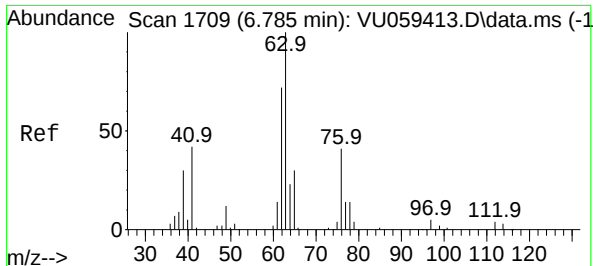
Tgt Ion: 95 Resp: 56956
Ion Ratio Lower Upper
95 100
97 63.2 45.3 84.1
132 87.1 64.0 119.0
130 97.3 69.1 128.3



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

Tgt Ion: 83 Resp: 15506
Ion Ratio Lower Upper
83 100
55 1.9 62.7 94.1#
98 0.0 35.4 53.0#

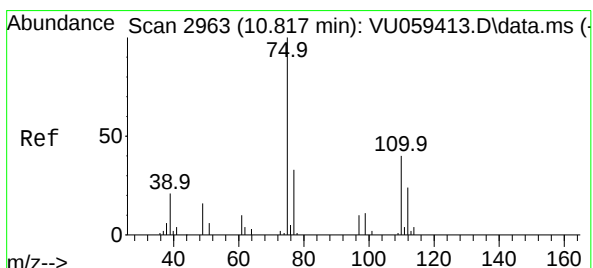
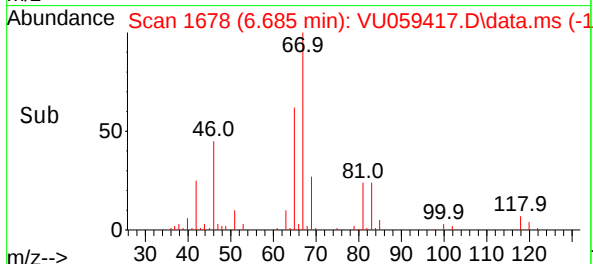
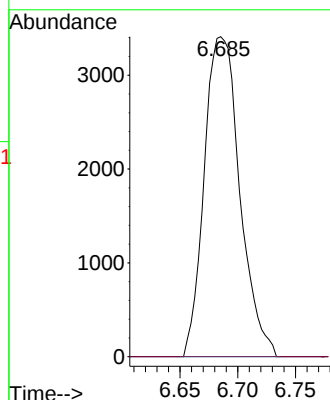
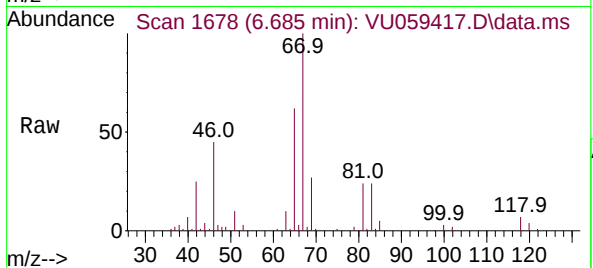




#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

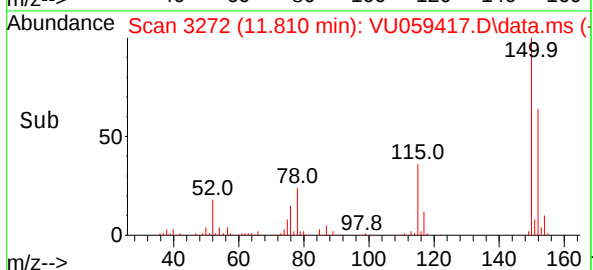
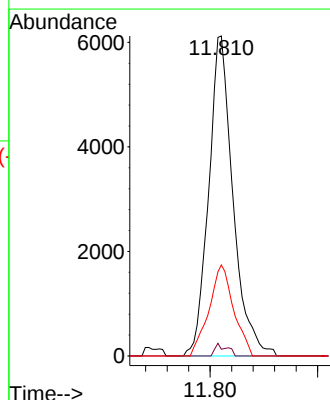
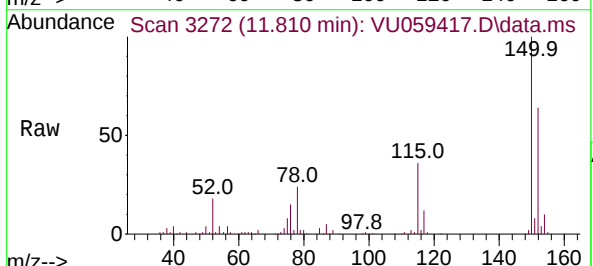
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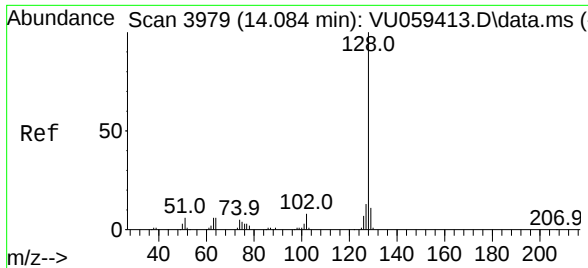
Tgt Ion: 63 Resp: 7306
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#61
1,2,3-Trichloropropane
Concen: 1.348 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

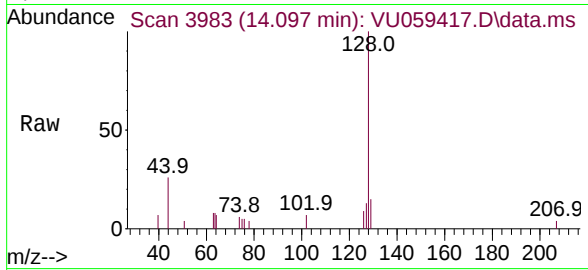
Tgt Ion: 75 Resp: 9612
Ion Ratio Lower Upper
75 100
110 1.9 27.1 40.7#
77 28.7 25.4 38.2





#71
Naphthalene
Concen: 0.338 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU059417.D
Acq: 21 Jun 2024 18:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	6653
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.4
127	13.3	10.2	15.4

