

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060630.D
 Acq On : 05 Sep 2024 17:09
 Operator : MD/SY
 Sample : P3809-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:07:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

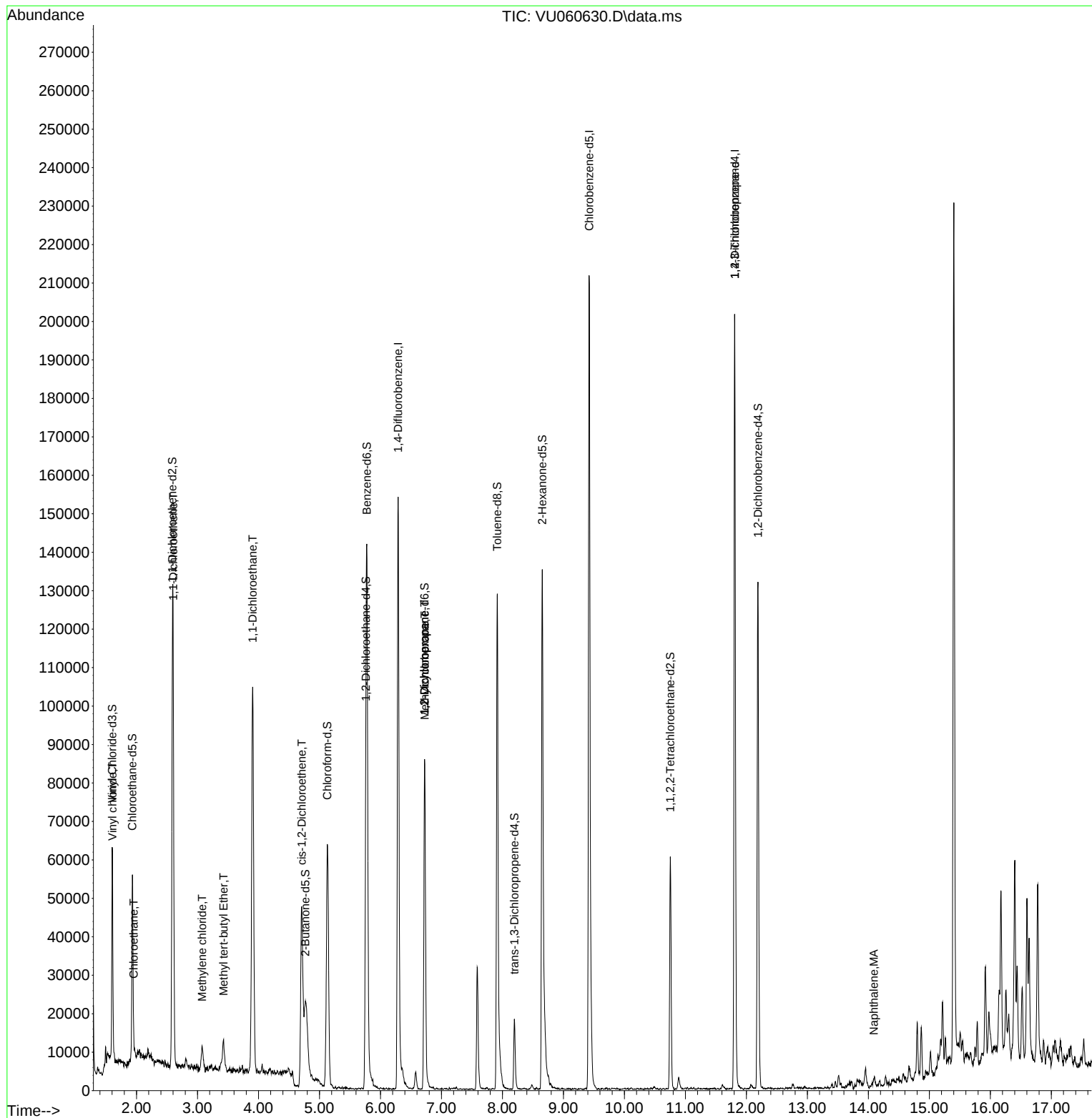
Internal Standards						
1) 1,4-Difluorobenzene	6.290	114	126299	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.421	117	134027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	57804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	33887	6.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.400%
7) Chloroethane-d5	1.933	69	35317	4.179	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.589	65	15627	4.753	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.769	46	66122	34.469	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.940%
24) Chloroform-d	5.129	84	68632	4.315	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.759	65	33606	4.049	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.779	84	124204	4.238	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.724	67	42167	4.459	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.913	98	98980	3.600	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.196	79	11621	3.434	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.653	63	51702	31.913	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	31979	3.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	36309	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
5) Vinyl chloride	1.608	62	5500	0.450	ug/L #	56
8) Chloroethane	1.952	64	4285	0.384	ug/L #	53
12) 1,1-Dichloroethene	2.602	96	23717	2.291	ug/L #	79
16) Methylene chloride	3.074	84	2558	0.254	ug/L	93
17) Methyl tert-butyl Ether	3.425	73	8939	0.426	ug/L	93
19) 1,1-Dichloroethane	3.904	63	113714	6.227	ug/L	93
22) cis-1,2-Dichloroethene	4.711	96	25677	2.557	ug/L	90
35) Methylcyclohexane	6.727	83	9498	0.601	ug/L #	16
37) 1,2-Dichloropropane	6.724	63	4660	0.428	ug/L #	91
61) 1,2,3-Trichloropropane	11.810	75	6542	1.173	ug/L #	64
71) Naphthalene	14.090	128	1983	0.132	ug/L #	91

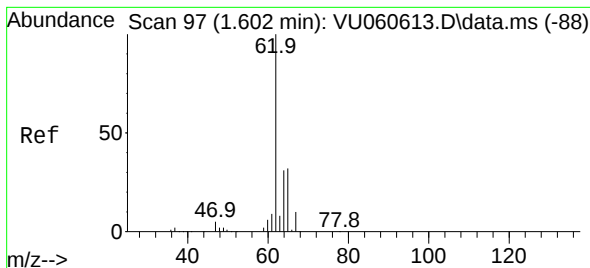
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 06 02:03:06 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.450 ug/L

RT: 1.608 min Scan# 90

Delta R.T. 0.006 min

Lab File: VU060630.D

Acq: 05 Sep 2024 17:09

Instrument :

MSVOA_U

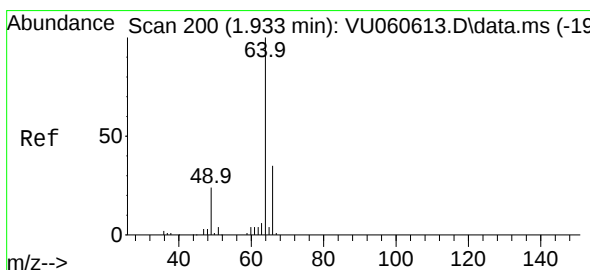
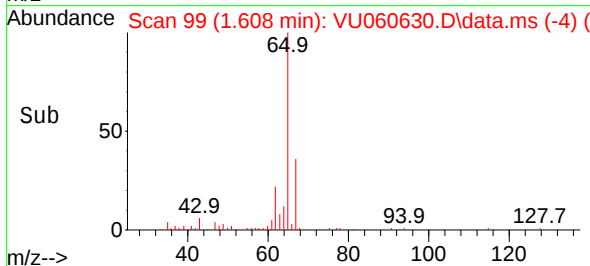
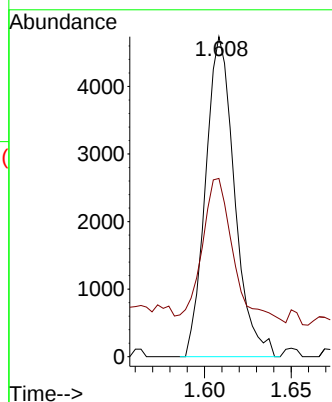
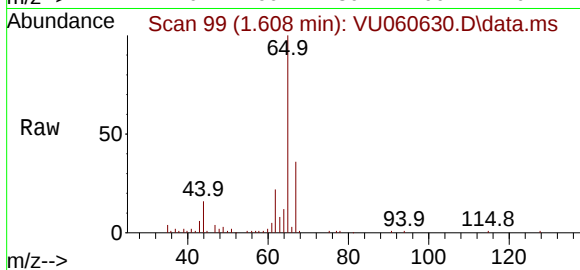
ClientSampleId :

Tgt Ion: 62 Resp: 5500

Ion Ratio Lower Upper

62 100

64 55.7 22.0 40.8#



#8

Chloroethane

Concen: 0.384 ug/L

RT: 1.952 min Scan# 206

Delta R.T. 0.019 min

Lab File: VU060630.D

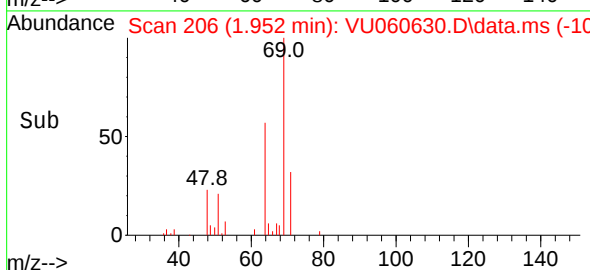
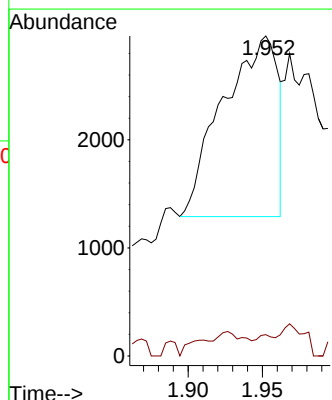
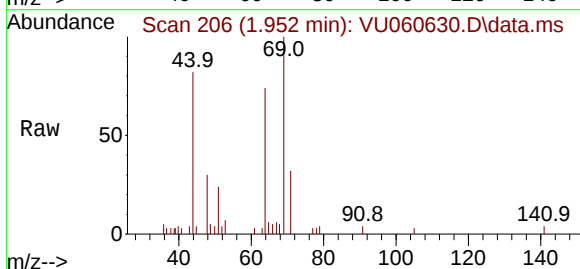
Acq: 05 Sep 2024 17:09

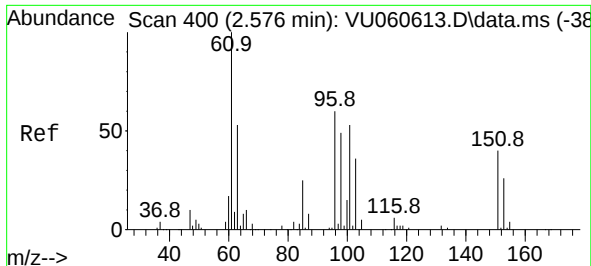
Tgt Ion: 64 Resp: 4285

Ion Ratio Lower Upper

64 100

66 6.1 22.5 41.9#





#12

1,1-Dichloroethene

Concen: 2.291 ug/L

RT: 2.602 min Scan# 400

Delta R.T. 0.026 min

Lab File: VU060630.D

Acq: 05 Sep 2024 17:09

Instrument :

MSVOA_U

ClientSampleId :

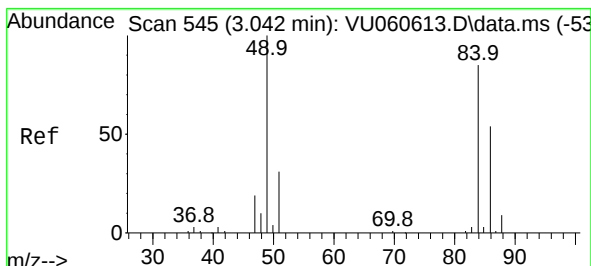
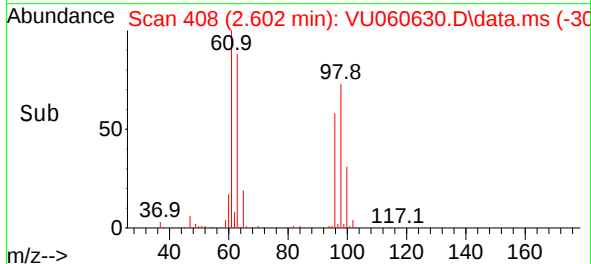
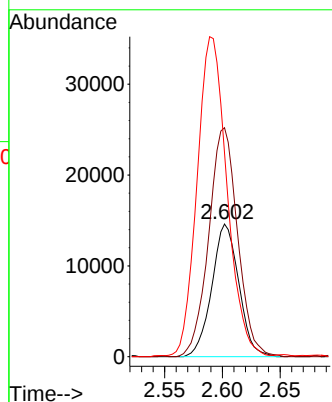
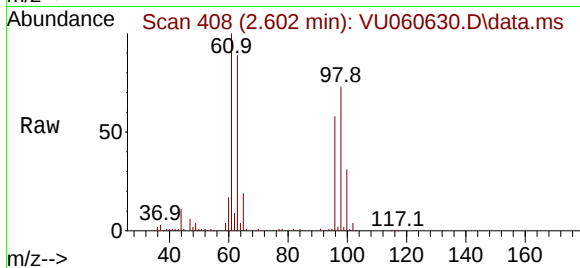
Tgt Ion: 96 Resp: 23717

Ion Ratio Lower Upper

96 100

61 172.6 116.4 216.2

63 153.8 74.8 139.0#



#16

Methylene chloride

Concen: 0.254 ug/L

RT: 3.074 min Scan# 555

Delta R.T. 0.032 min

Lab File: VU060630.D

Acq: 05 Sep 2024 17:09

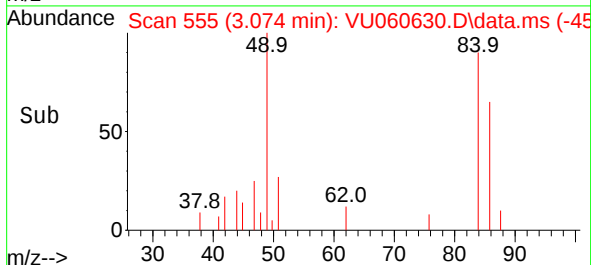
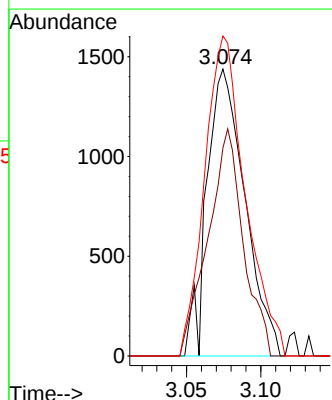
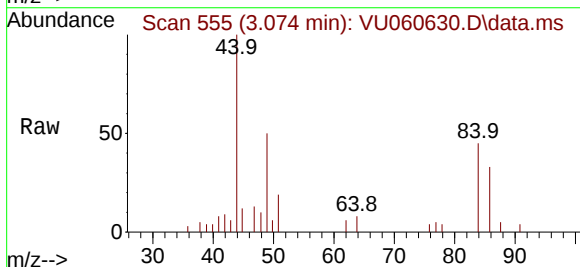
Tgt Ion: 84 Resp: 2558

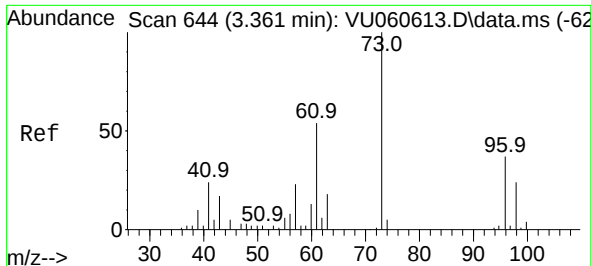
Ion Ratio Lower Upper

84 100

86 72.5 47.5 88.3

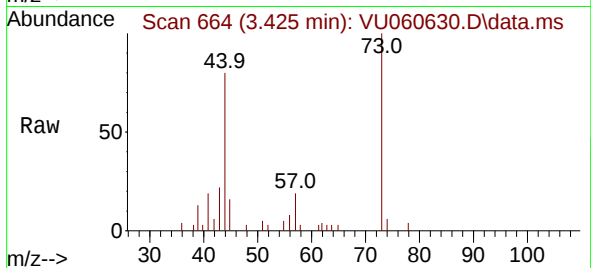
49 125.8 94.4 175.2



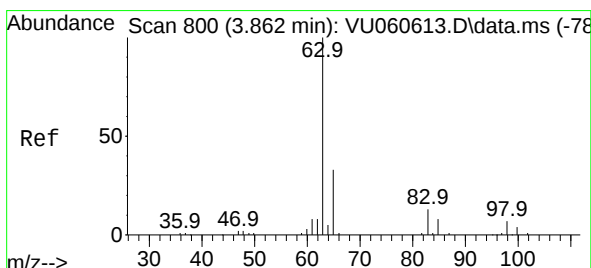
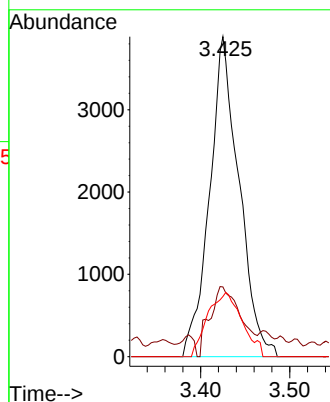
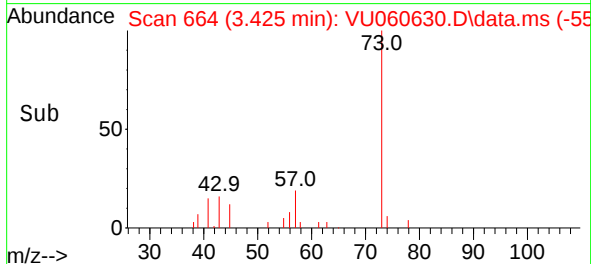


#17
Methyl tert-butyl Ether
Concen: 0.426 ug/L
RT: 3.425 min Scan# 61
Delta R.T. 0.064 min
Lab File: VU060630.D
Acq: 05 Sep 2024 17:09

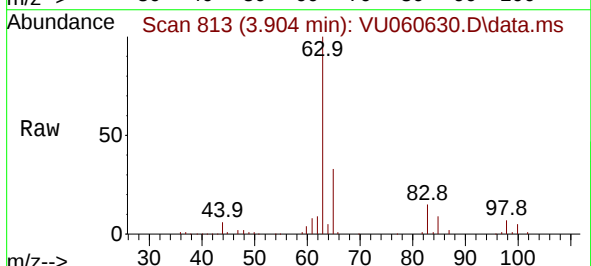
Instrument :
MSVOA_U
ClientSampleId :



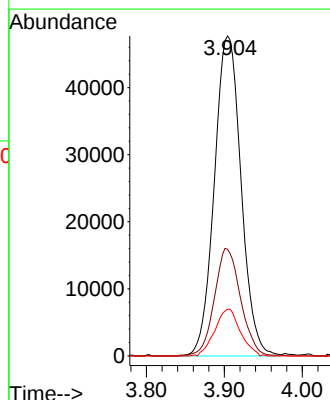
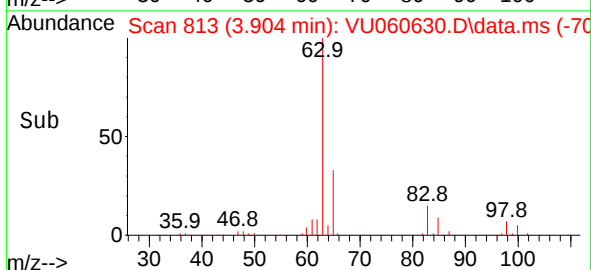
Tgt Ion: 73	Resp: 8939
Ion Ratio	Lower Upper
73	100
43	23.4 15.8 23.6
57	23.4 16.8 25.2

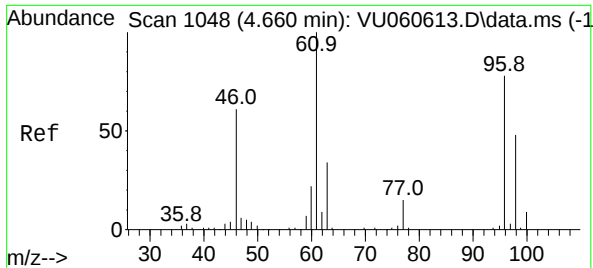


#19
1,1-Dichloroethane
Concen: 6.227 ug/L
RT: 3.904 min Scan# 813
Delta R.T. 0.042 min
Lab File: VU060630.D
Acq: 05 Sep 2024 17:09



Tgt Ion: 63	Resp: 113714
Ion Ratio	Lower Upper
63	100
65	34.1 20.5 38.1
83	14.6 9.2 17.2

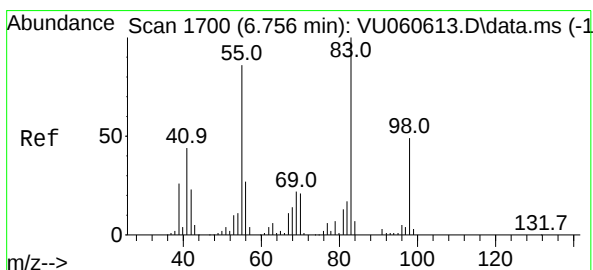
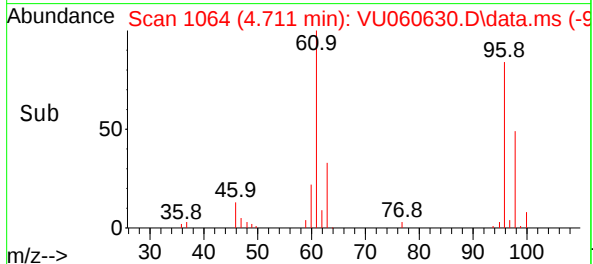
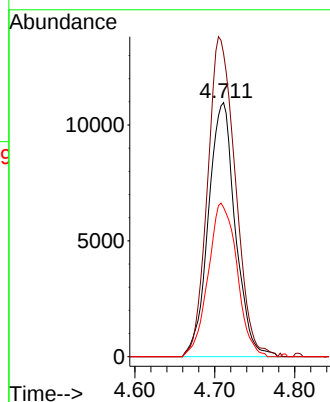
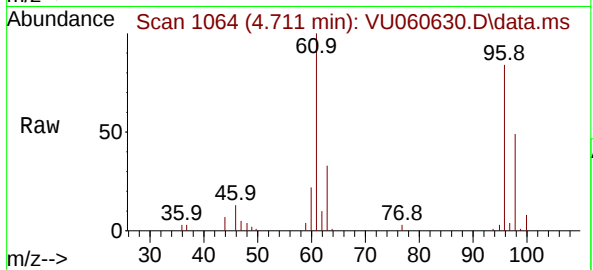




#22
 cis-1,2-Dichloroethene
 Concen: 2.557 ug/L
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.051 min
 Lab File: VU060630.D
 Acq: 05 Sep 2024 17:09

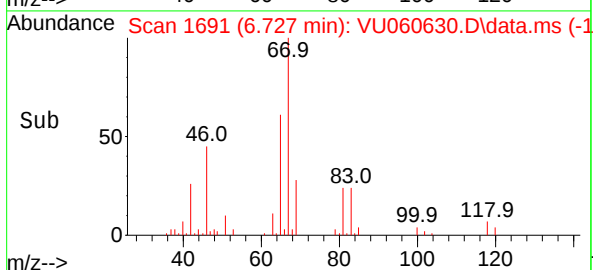
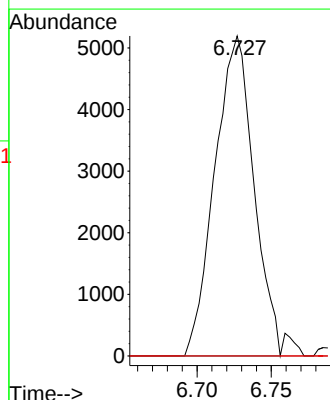
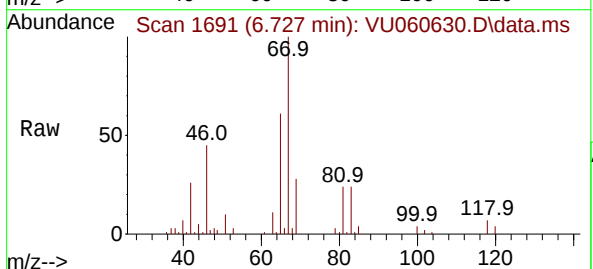
Instrument :
 MSVOA_U
 ClientSampleId :

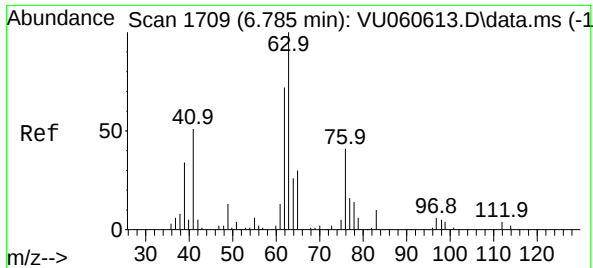
Tgt Ion: 96 Resp: 25677
 Ion Ratio Lower Upper
 96 100
 61 119.3 92.9 172.5
 98 58.8 45.0 83.6



#35
 Methylcyclohexane
 Concen: 0.601 ug/L
 RT: 6.727 min Scan# 1691
 Delta R.T. -0.029 min
 Lab File: VU060630.D
 Acq: 05 Sep 2024 17:09

Tgt Ion: 83 Resp: 9498
 Ion Ratio Lower Upper
 83 100
 55 0.2 65.8 98.8#
 98 0.0 37.8 56.8#

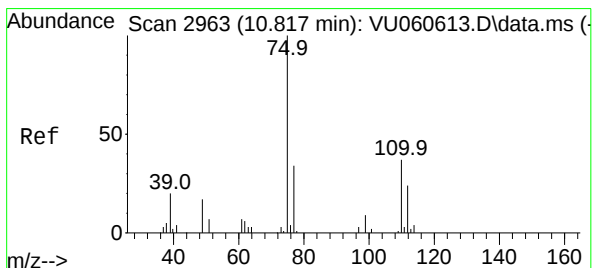
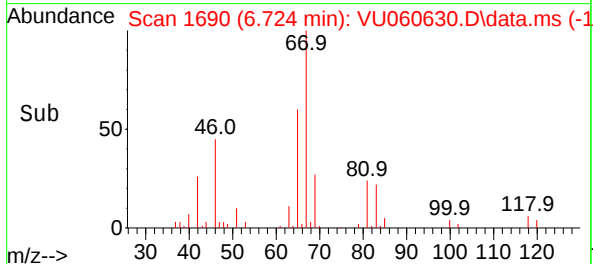
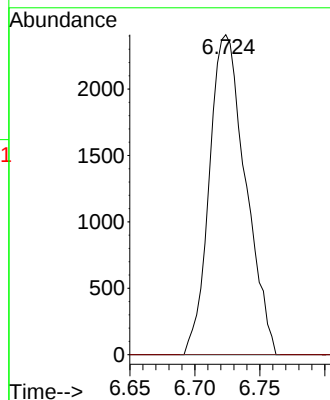
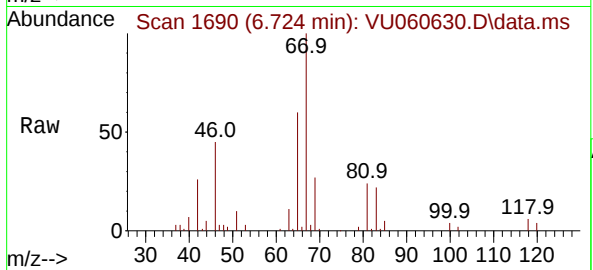




#37
1,2-Dichloropropane
Concen: 0.428 ug/L
RT: 6.724 min Scan# 1
Delta R.T. -0.061 min
Lab File: VU060630.D
Acq: 05 Sep 2024 17:09

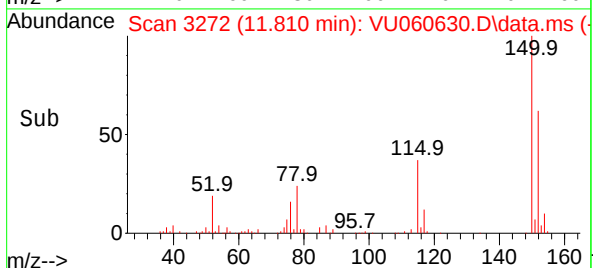
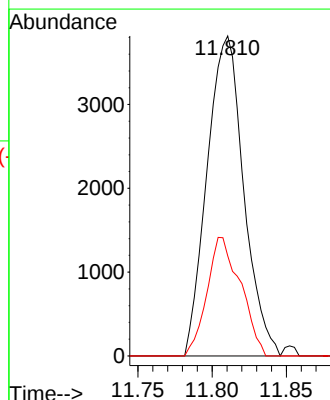
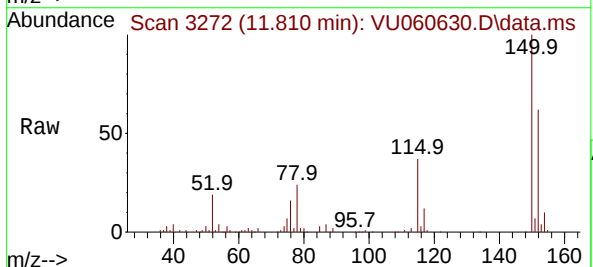
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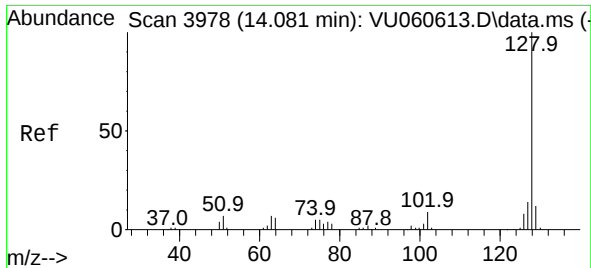
Tgt Ion: 63 Resp: 4660
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#



#61
1,2,3-Trichloropropane
Concen: 1.173 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU060630.D
Acq: 05 Sep 2024 17:09

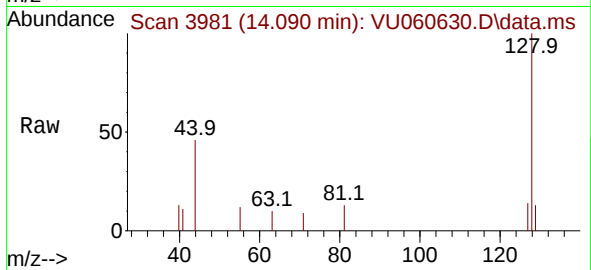
Tgt Ion: 75 Resp: 6542
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 34.0 25.4 38.2





#71
Naphthalene
Concen: 0.132 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU060630.D
Acq: 05 Sep 2024 17:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1983
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 7.0 10.2 15.2#

