

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060819.D
 Acq On : 17 Sep 2024 07:57
 Operator : MD/SY
 Sample : P3952-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 08:49:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

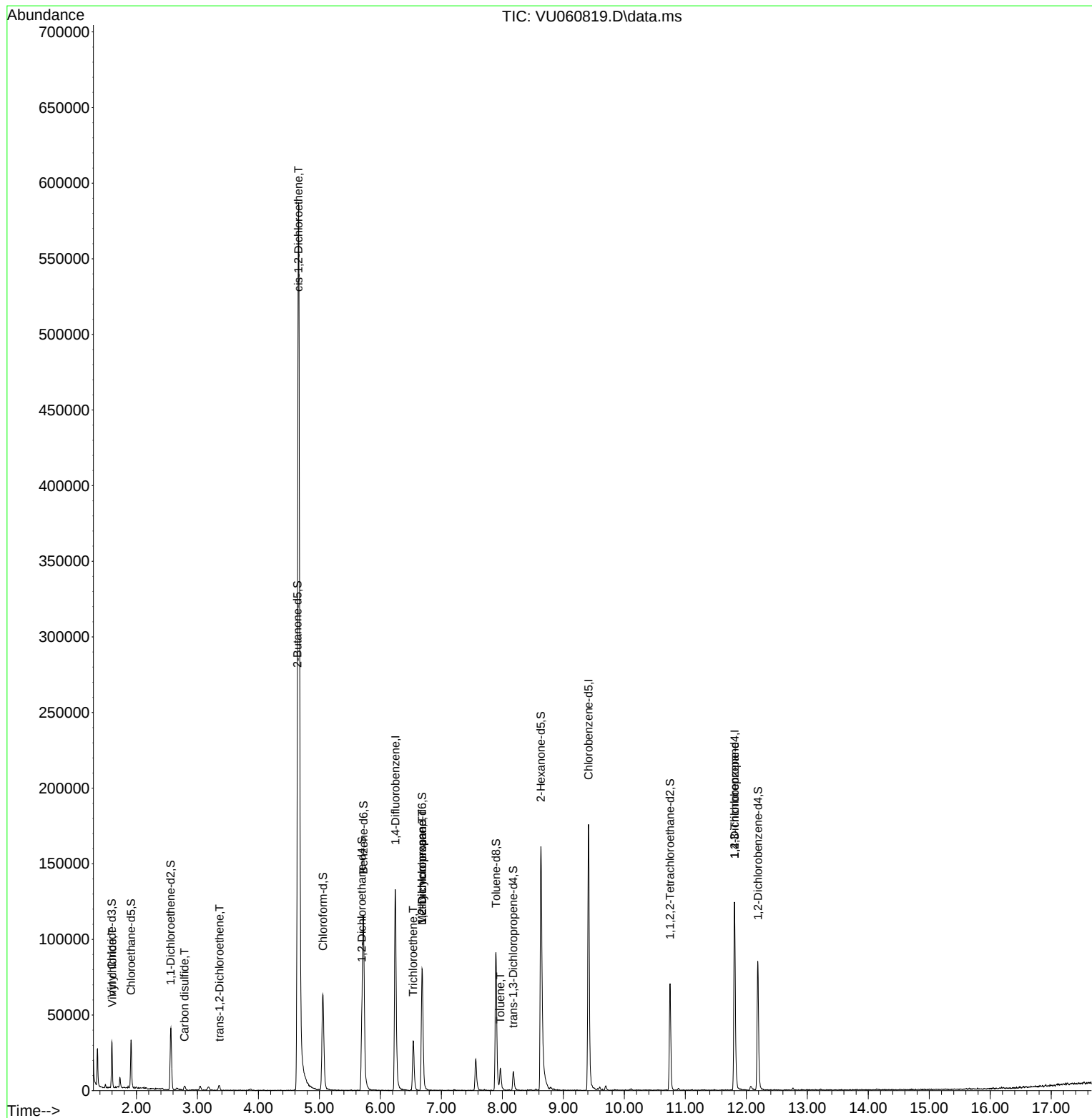
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	120264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38362	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17767	1.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.800%#
7) Chloroethane-d5	1.911	69	24230	3.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.000%#
11) 1,1-Dichloroethene-d2	2.560	65	7670	2.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.000%#
20) 2-Butanone-d5	4.637	46	89323	51.438	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.058	84	64138	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.695	65	35270	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	112559	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.682	67	43510	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.894	98	68939	2.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	51.400%#
43) trans-1,3-Dichloroprop...	8.177	79	8633	2.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.600%#
46) 2-Hexanone-d5	8.631	63	59318	45.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37935	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	26531	4.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1983	0.191	ug/L	95
14) Carbon disulfide	2.785	76	3888	0.185	ug/L	96
18) trans-1,2-Dichloroethene	3.361	96	1444	0.184	ug/L #	79
22) cis-1,2-Dichloroethene	4.657	96	312487	36.019	ug/L	97
34) Trichloroethene	6.538	95	11446	1.445	ug/L	91
35) Methylcyclohexane	6.685	83	9941	0.915	ug/L #	24
37) 1,2-Dichloropropane	6.682	63	4217	0.507	ug/L #	93
42) Toluene	7.965	91	11498	0.364	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	4435	1.239	ug/L #	67

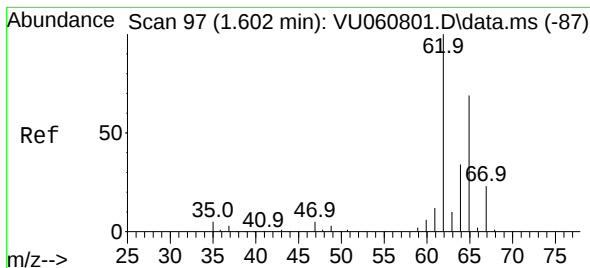
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060819.D
Acq On : 17 Sep 2024 07:57
Operator : MD/SY
Sample : P3952-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 17 08:49:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 02:49:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.191 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060819.D

Acq: 17 Sep 2024 07:57

Instrument :

MSVOA_U

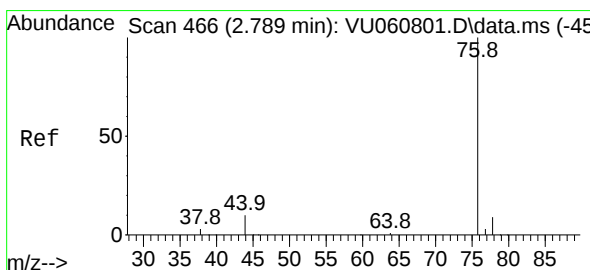
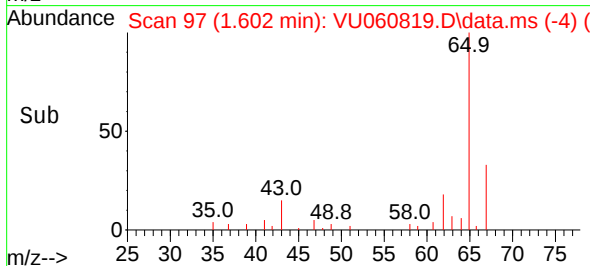
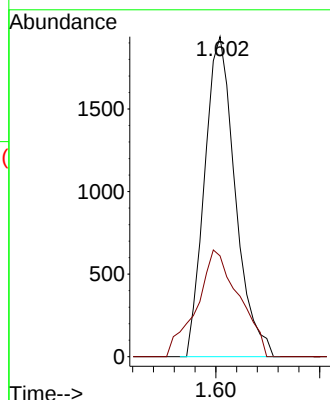
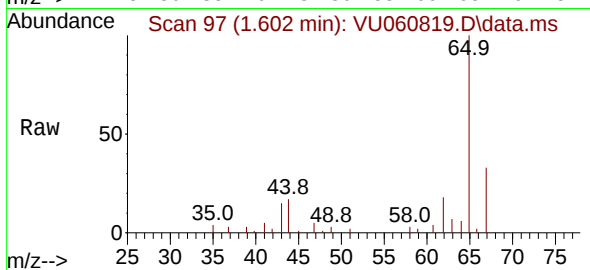
ClientSampleId :

Tgt Ion: 62 Resp: 1983

Ion Ratio Lower Upper

62 100

64 31.5 24.0 44.6



#14

Carbon disulfide

Concen: 0.185 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060819.D

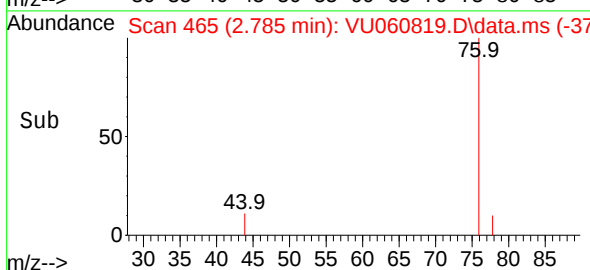
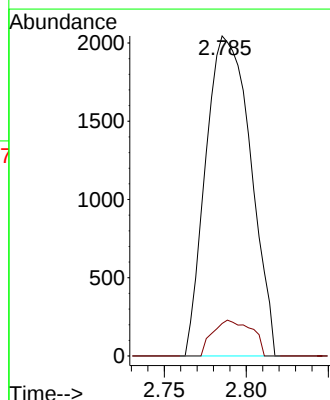
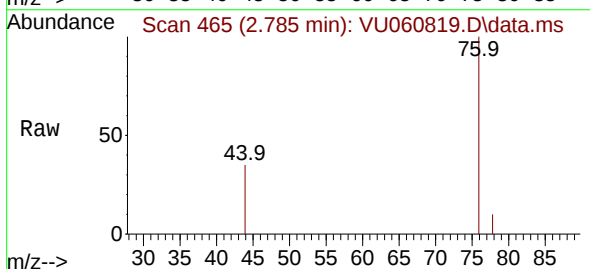
Acq: 17 Sep 2024 07:57

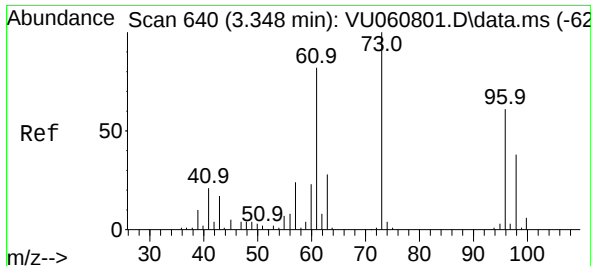
Tgt Ion: 76 Resp: 3888

Ion Ratio Lower Upper

76 100

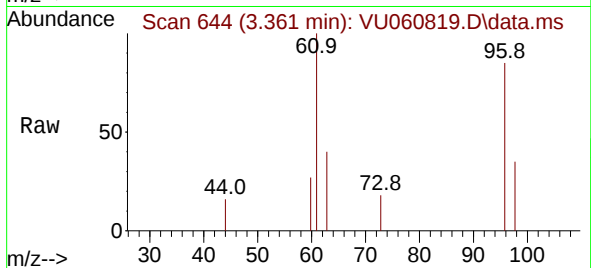
78 10.2 7.1 10.7



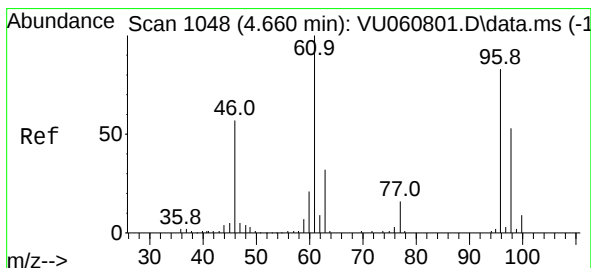
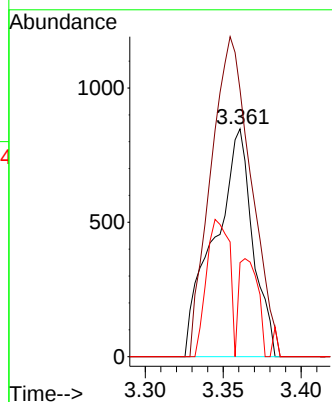
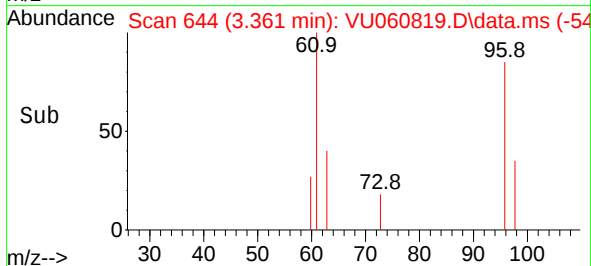


#18
trans-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 3.361 min Scan# 640
Delta R.T. 0.013 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

Instrument :
MSVOA_U
ClientSampleId :

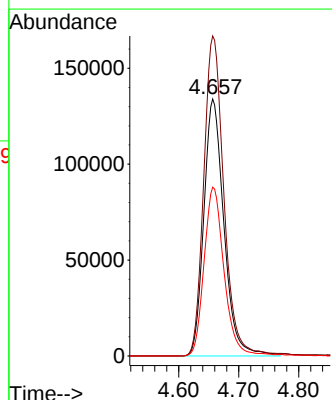
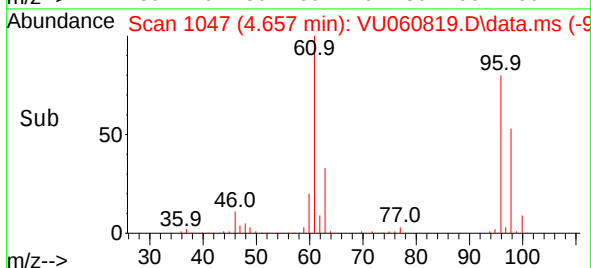
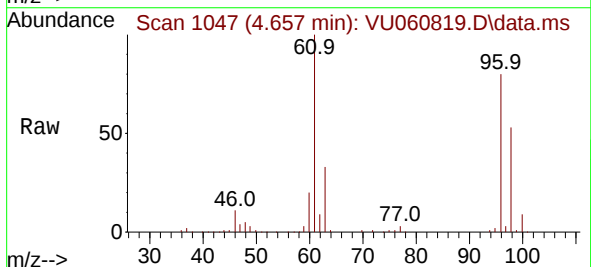


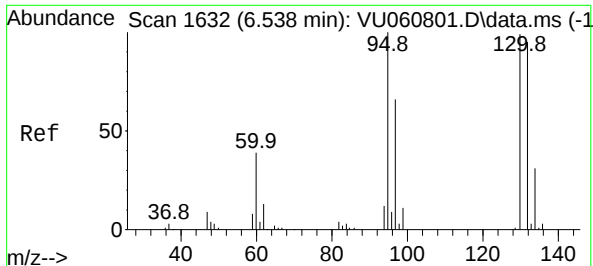
Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 117.1 97.2 180.6
98 41.3 43.3 80.5#



#22
cis-1,2-Dichloroethene
Concen: 36.019 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

Tgt Ion: 96 Resp: 312487
Ion Ratio Lower Upper
96 100
61 124.5 89.7 166.5
98 65.7 45.1 83.9

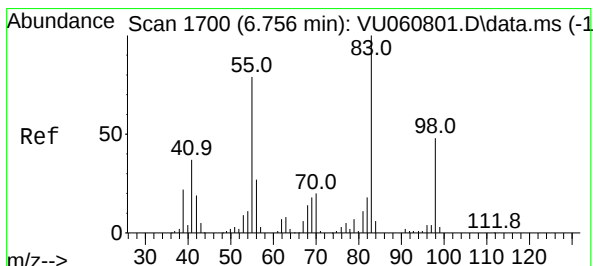
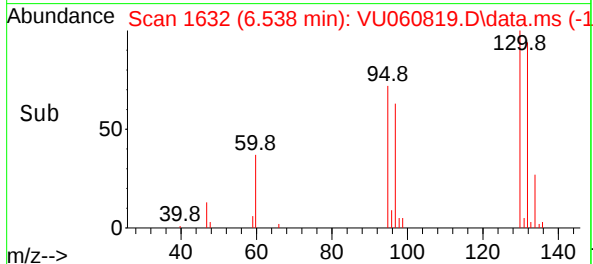
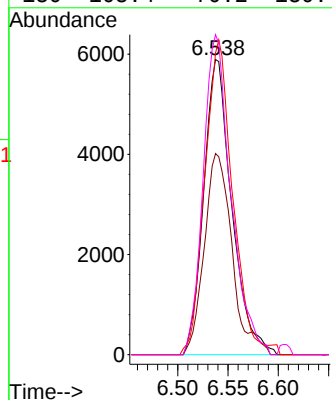
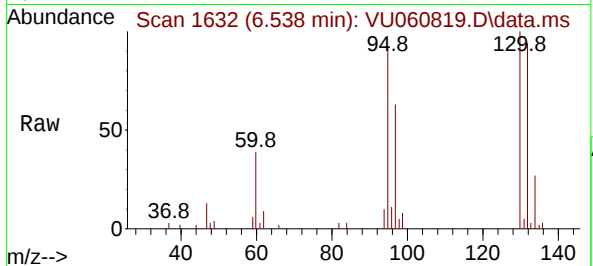




#34
Trichloroethene
Concen: 1.445 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

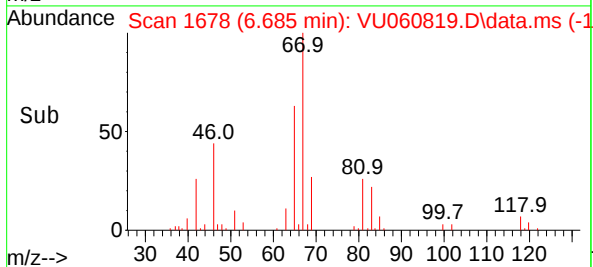
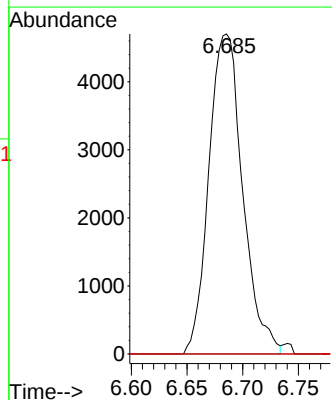
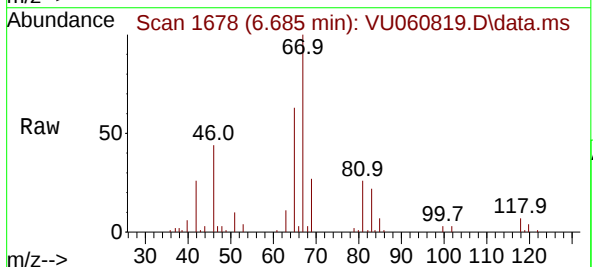
Instrument :
MSVOA_U
ClientSampleId :

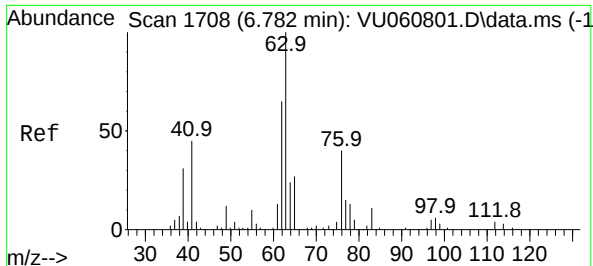
Tgt Ion: 95 Resp: 11446
Ion Ratio Lower Upper
95 100
97 68.1 44.9 83.5
132 102.2 63.5 117.9
130 108.4 70.2 130.4



#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

Tgt Ion: 83 Resp: 9941
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 11.4 37.6 56.4#

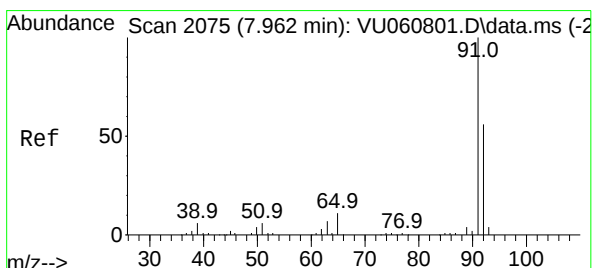
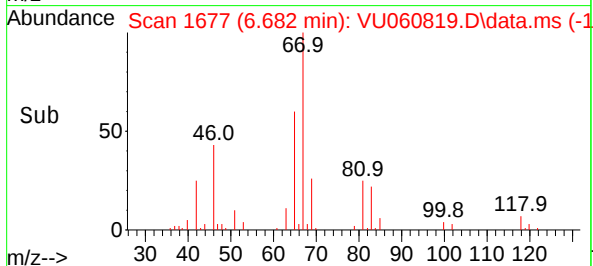
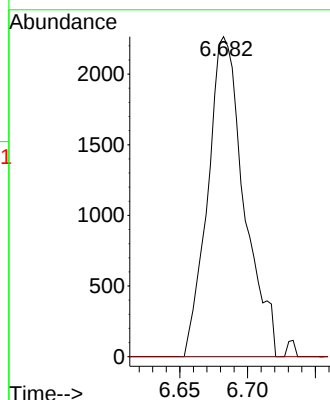
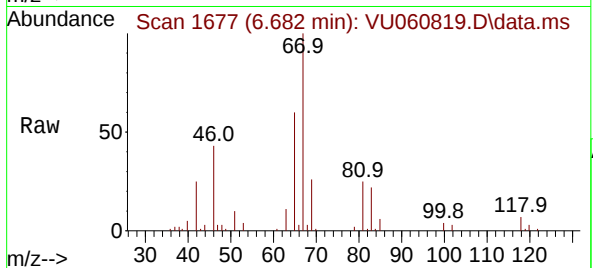




#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

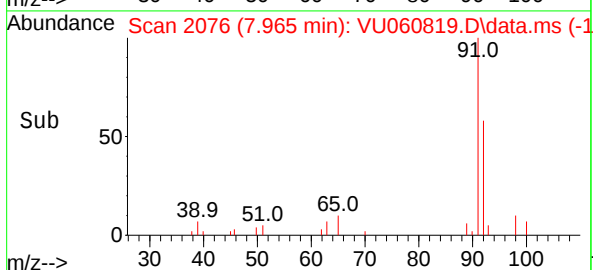
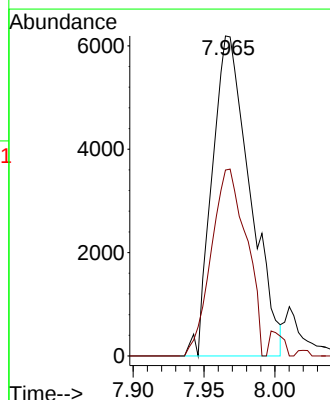
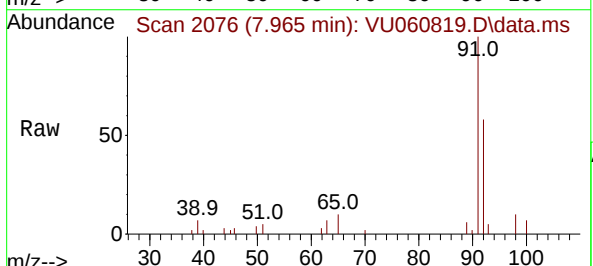
Instrument :
MSVOA_U
ClientSampleId :

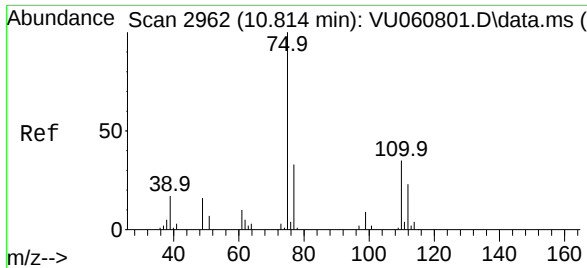
Tgt Ion: 63 Resp: 4217
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.364 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

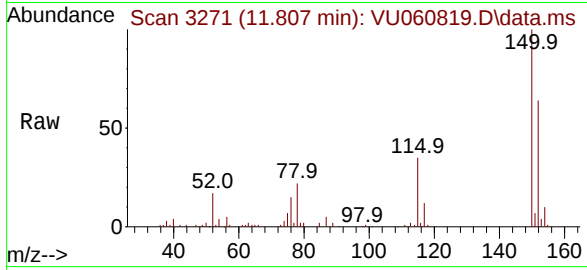
Tgt Ion: 91 Resp: 11498
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.3





#61
1,2,3-Trichloropropane
Concen: 1.239 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU060819.D
Acq: 17 Sep 2024 07:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4435
Ion Ratio Lower Upper
75 100
110 0.5 28.6 43.0#
77 31.1 26.3 39.5

