

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060038.D
 Acq On : 18 Jul 2024 23:34
 Operator : MD/SY
 Sample : P3237-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:40:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

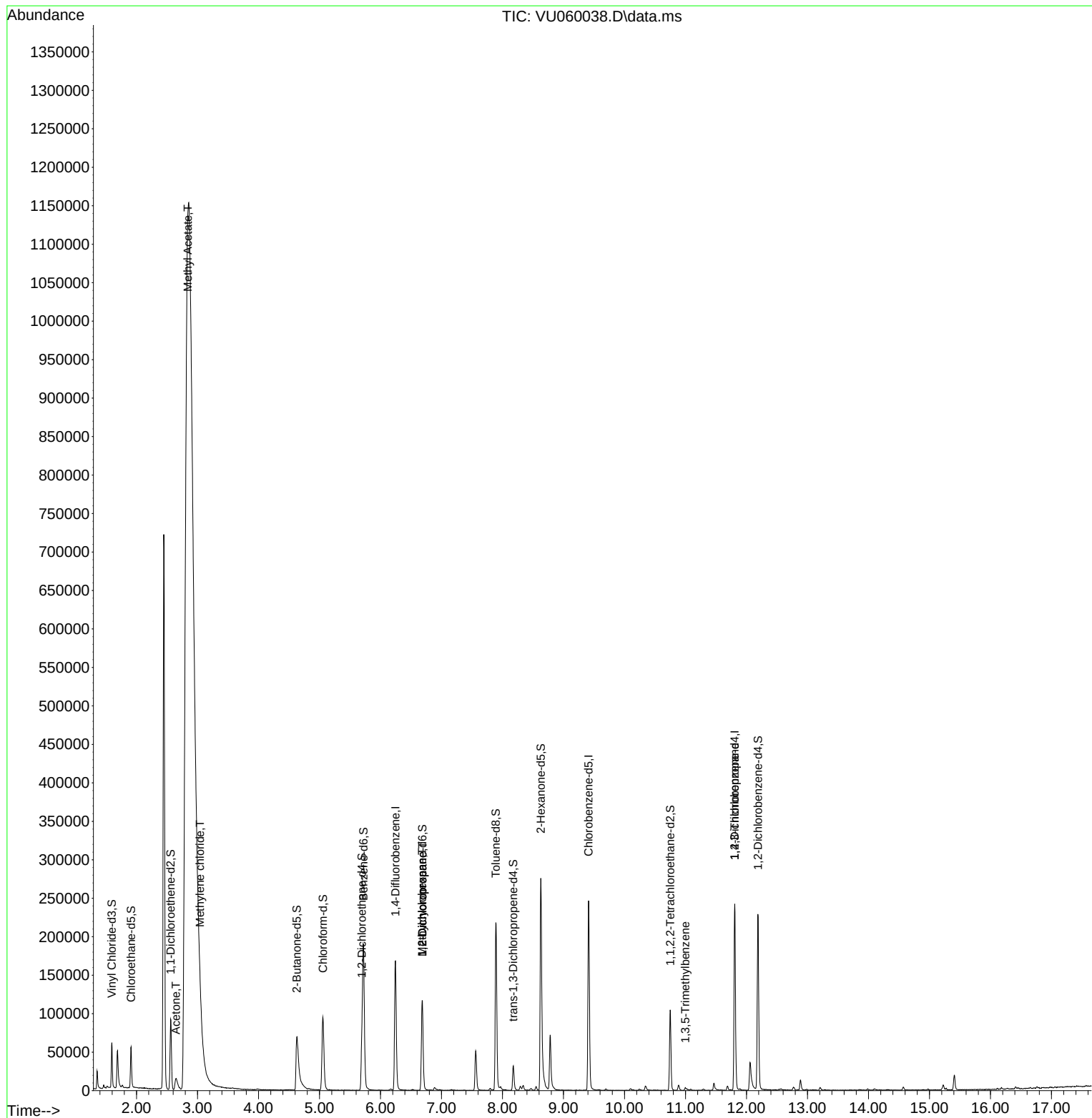
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	151438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42501	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.911	69	41064	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	17534	4.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.627	46	130388	52.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.860%
24) Chloroform-d	5.055	84	93434	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	48257	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	188096	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.685	67	61445	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	158246	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	20156	4.501	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	102653	51.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55330	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67225	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
13) Acetone	2.647	43	30491	18.712	ug/L	100
15) Methyl Acetate	2.843	43	482282	120.335	ug/L #	45
16) Methylene chloride	3.039	84	3306	0.233	ug/L	92
35) Methylcyclohexane	6.682	83	13955	0.788	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	6448	0.469	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	7909	1.054	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.997	105	3001	0.084	ug/L	89

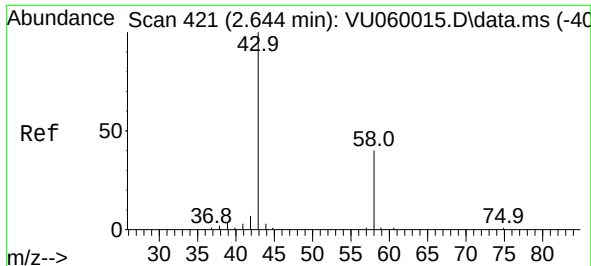
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.712 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

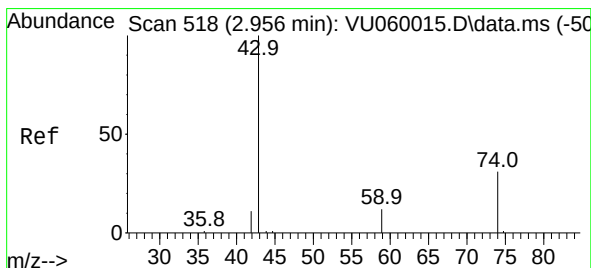
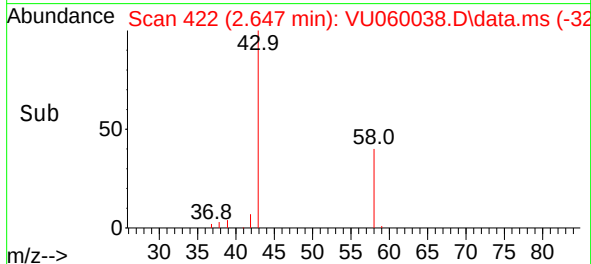
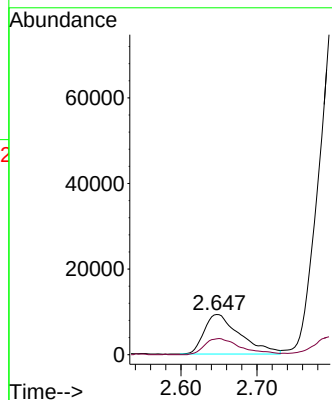
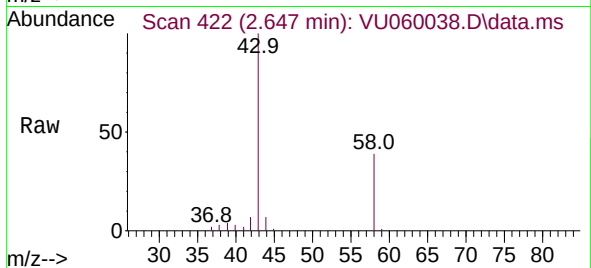
ClientSampleId :

Tgt Ion: 43 Resp: 30491

Ion Ratio Lower Upper

43 100

58 41.0 0.0 82.2



#15

Methyl Acetate

Concen: 120.335 ug/L

RT: 2.843 min Scan# 483

Delta R.T. -0.113 min

Lab File: VU060038.D

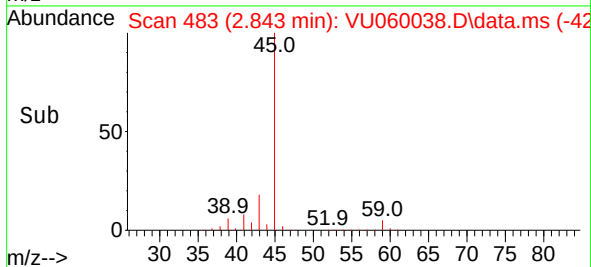
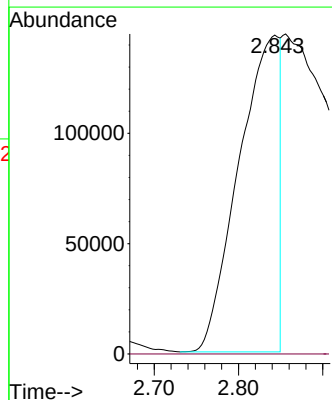
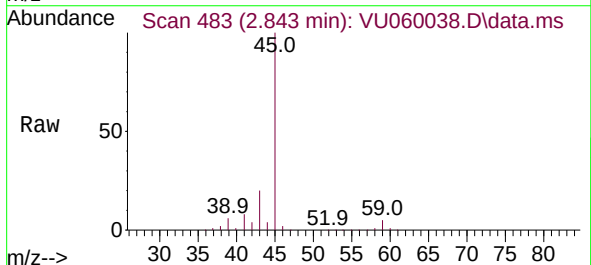
Acq: 18 Jul 2024 23:34

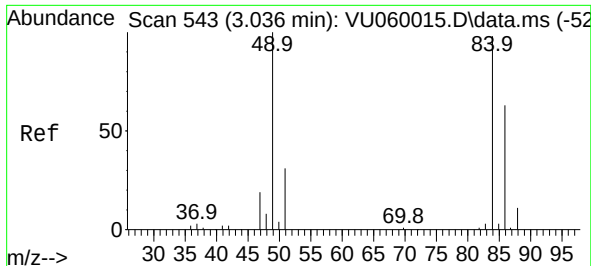
Tgt Ion: 43 Resp: 482282

Ion Ratio Lower Upper

43 100

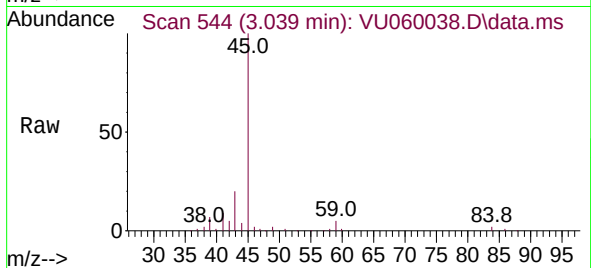
74 0.0 23.5 35.3#



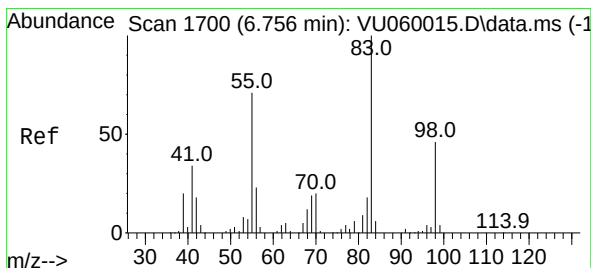
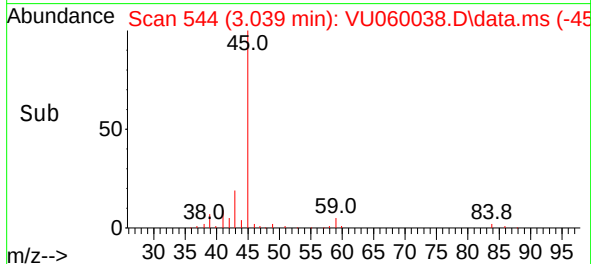
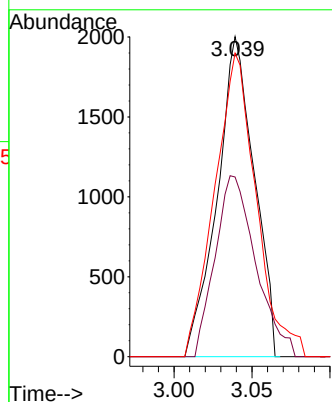


#16
Methylene chloride
Concen: 0.233 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060038.D
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Instrument :
MSVOA_U
ClientSampleId :

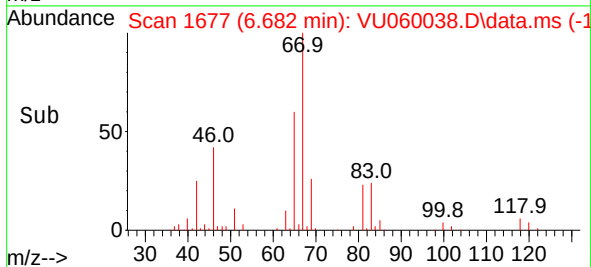
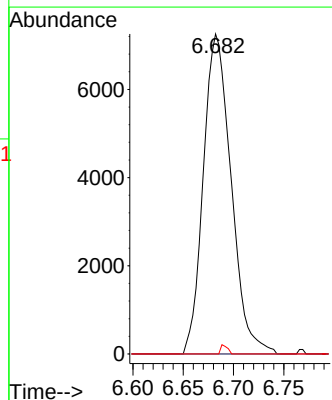
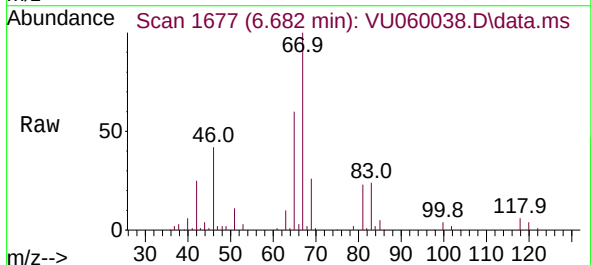


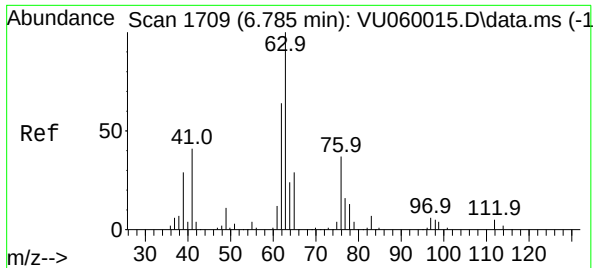
Tgt Ion: 84 Resp: 3306
Ion Ratio Lower Upper
84 100
86 56.1 44.4 82.5
49 94.9 72.0 133.6



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060038.D
Acq: 18 Jul 2024 23:34

Tgt Ion: 83 Resp: 13955
Ion Ratio Lower Upper
83 100
55 1.8 56.7 85.1#
98 0.7 36.6 55.0#

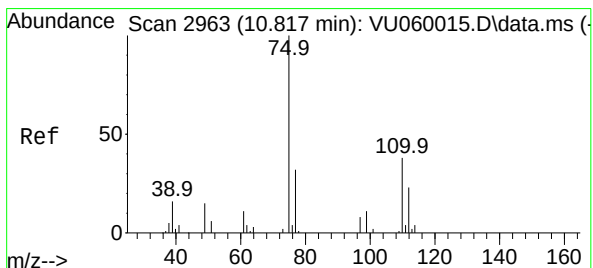
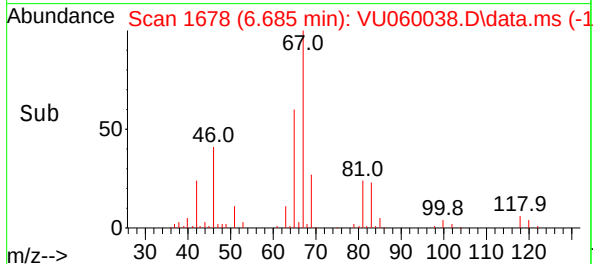
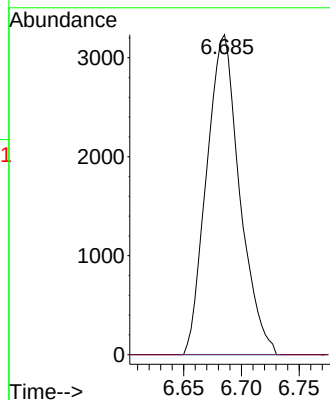
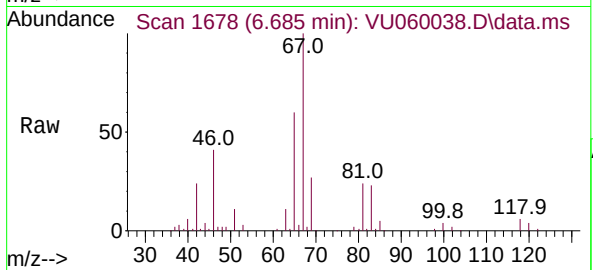




#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060038.D
Acq: 18 Jul 2024 23:34

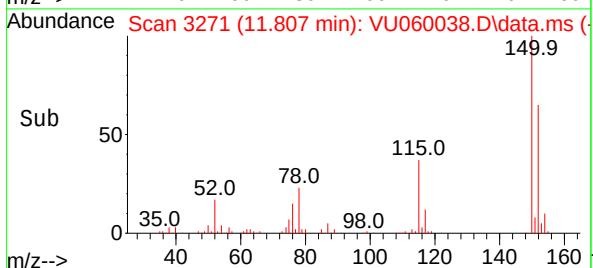
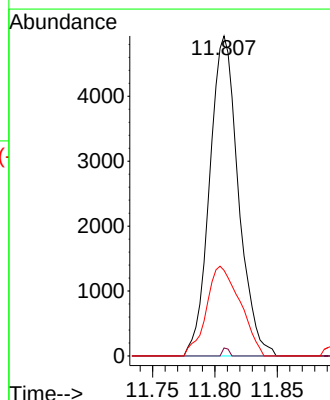
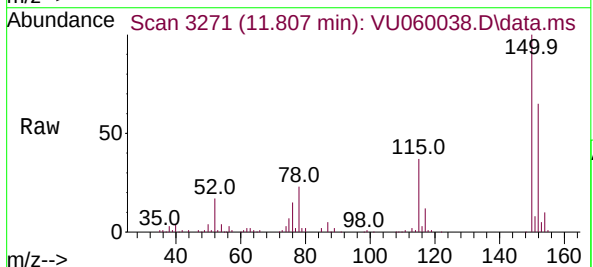
Instrument :
MSVOA_U
ClientSampleId :

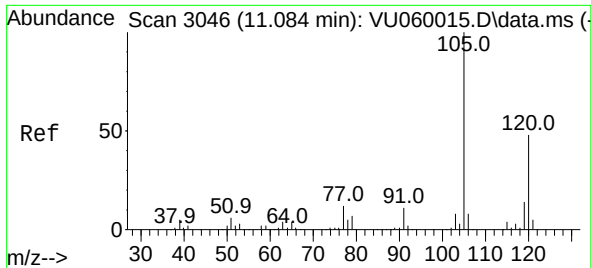
Tgt Ion: 63 Resp: 6448
Ion Ratio Lower Upper
63 100
112 1.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.054 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060038.D
Acq: 18 Jul 2024 23:34

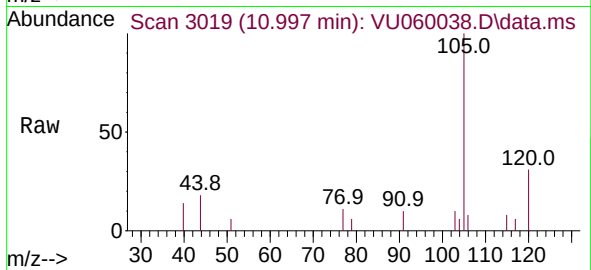
Tgt Ion: 75 Resp: 7909
Ion Ratio Lower Upper
75 100
110 0.6 30.8 46.2#
77 32.8 26.2 39.2





#62
 1,3,5-Trimethylbenzene
 Concen: 0.084 ug/L
 RT: 10.997 min Scan# 3019
 Delta R.T. -0.087 min
 Lab File: VU060038.D
 Acq: 18 Jul 2024 23:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 3001
 Ion Ratio Lower Upper
 105 100
 120 42.0 39.4 59.2

