

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060231.D
 Acq On : 26 Jul 2024 18:12
 Operator : MD/SY
 Sample : P3359-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 23:17:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

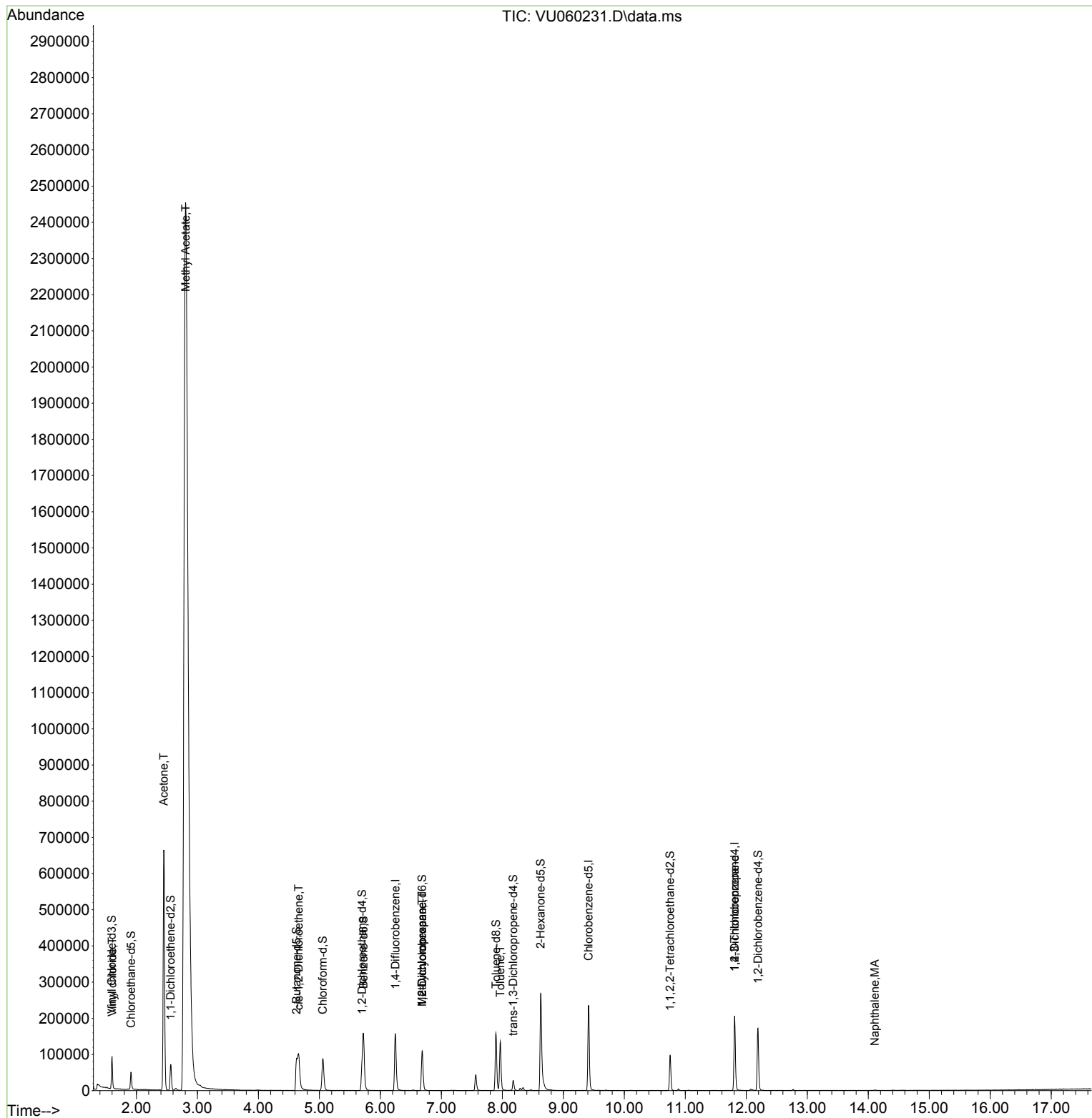
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	134664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37513	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.911	69	37619	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	13854	3.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.624	46	136945	62.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.040%
24) Chloroform-d	5.055	84	85326	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.698	65	43298	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	151998	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.685	67	57714	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	112094	3.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.177	79	18112	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	95380	52.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52011	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	49611	4.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
5) Vinyl chloride	1.602	62	29715	2.155	ug/L	97
13) Acetone	2.448	43	441446	304.650	ug/L	36
15) Methyl Acetate	2.805	43	1463155	410.549	ug/L #	45
22) cis-1,2-Dichloroethene	4.660	96	44714	3.734	ug/L	96
35) Methylcyclohexane	6.685	83	12416	0.762	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	5809	0.459	ug/L #	88
42) Toluene	7.965	91	102506	2.055	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	7017	1.121	ug/L #	64
71) Naphthalene	14.106	128	2439	0.143	ug/L #	83

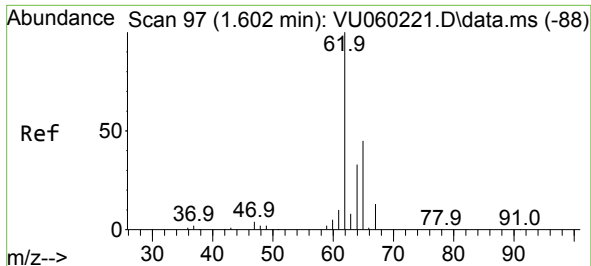
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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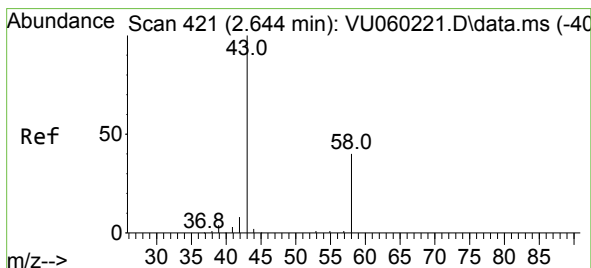
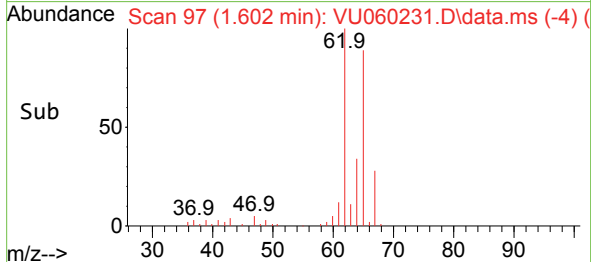
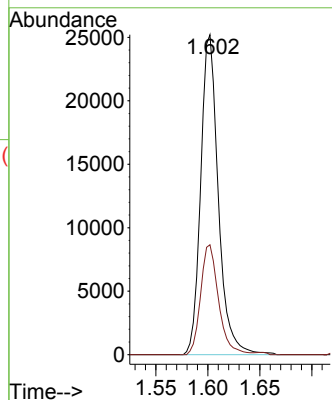
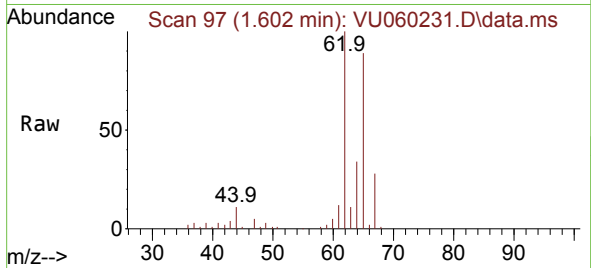




#5
 Vinyl chloride
 Concen: 2.155 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060231.D
 Acq: 26 Jul 2024 18:12

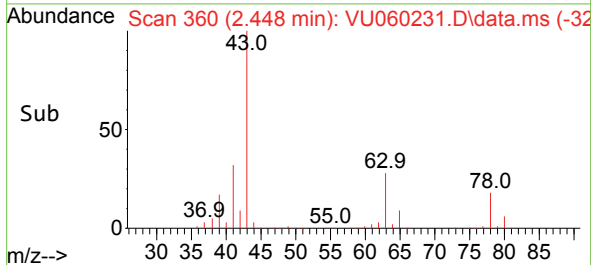
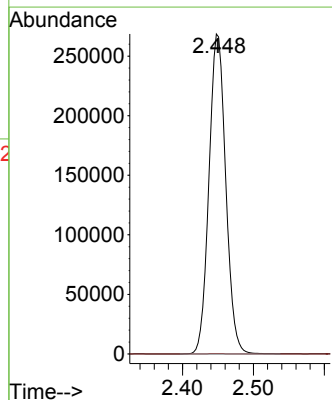
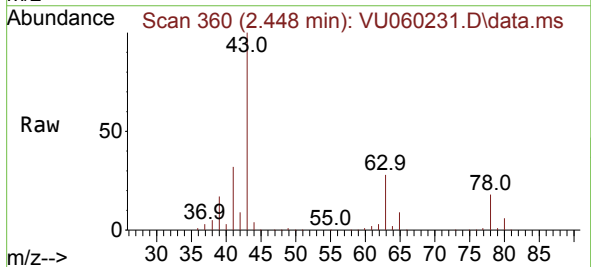
Instrument :
 MSVOA_U
 ClientSampleId :

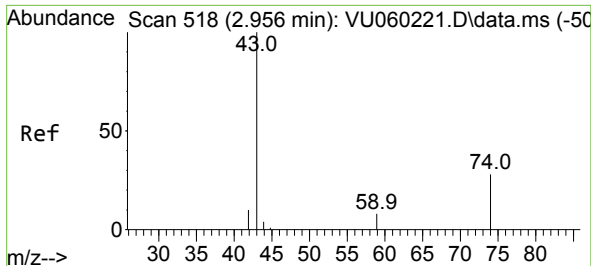
Tgt Ion: 62 Resp: 29715
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.8 42.4



#13
 Acetone
 Concen: 304.650 ug/L
 RT: 2.448 min Scan# 360
 Delta R.T. -0.196 min
 Lab File: VU060231.D
 Acq: 26 Jul 2024 18:12

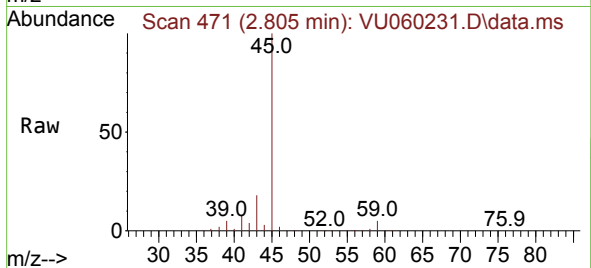
Tgt Ion: 43 Resp: 441446
 Ion Ratio Lower Upper
 43 100
 58 0.8 0.0 82.2



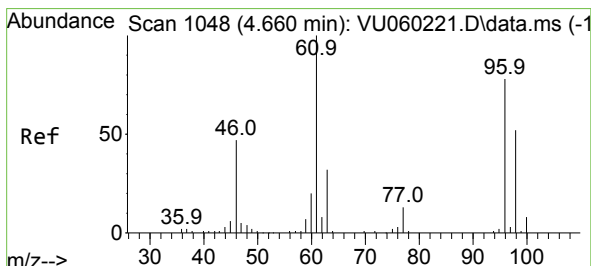
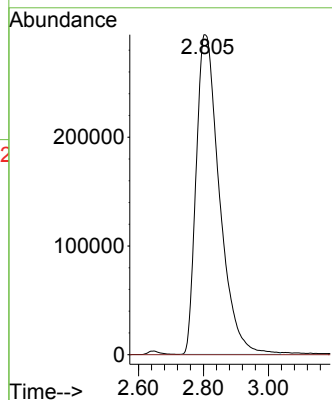
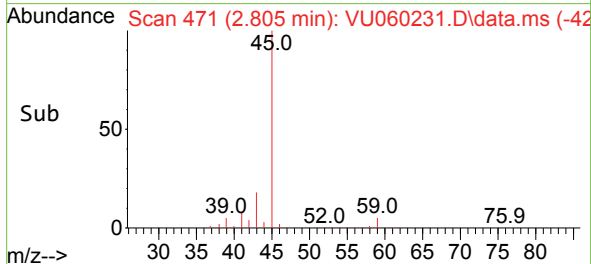


#15
Methyl Acetate
Concen: 410.549 ug/L
RT: 2.805 min Scan# 41
Delta R.T. -0.151 min
Lab File: VU060231.D
Acq: 26 Jul 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

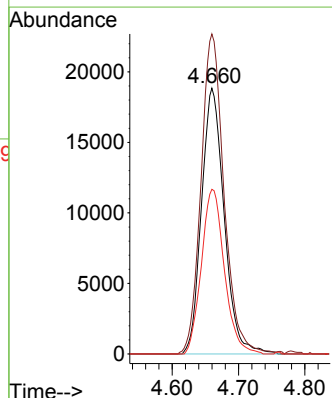
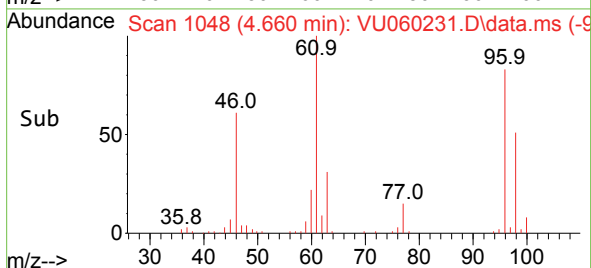
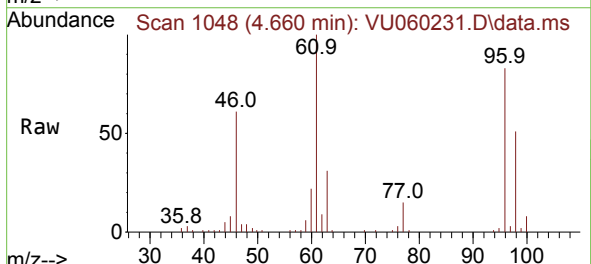


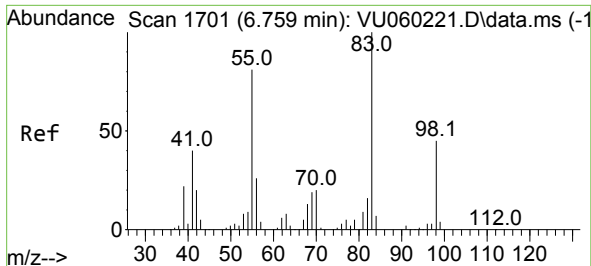
Tgt Ion: 43 Resp: 1463155
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#



#22
cis-1,2-Dichloroethene
Concen: 3.734 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060231.D
Acq: 26 Jul 2024 18:12

Tgt Ion: 96 Resp: 44714
Ion Ratio Lower Upper
96 100
61 120.4 80.2 148.9
98 62.0 44.7 83.1

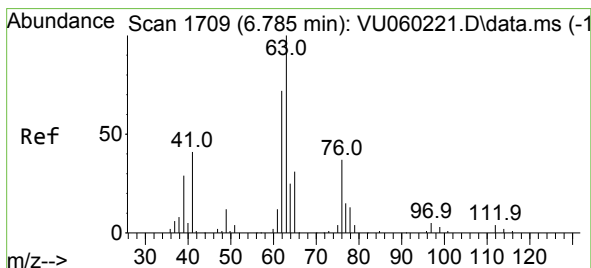
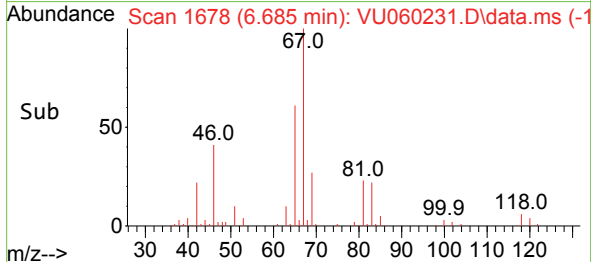
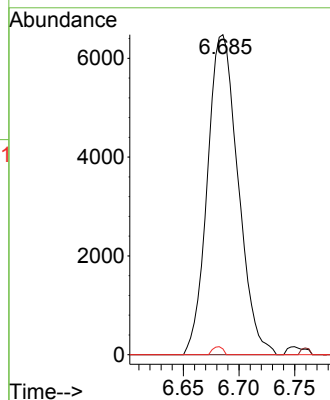
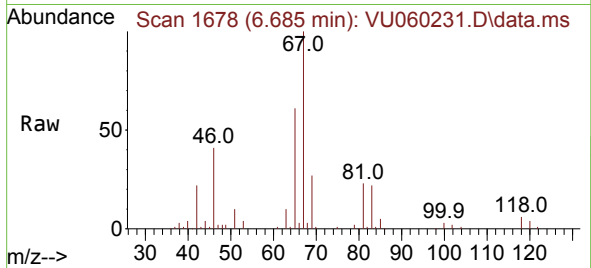




#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU060231.D
Acq: 26 Jul 2024 18:12

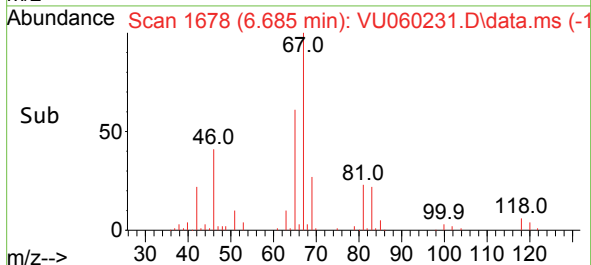
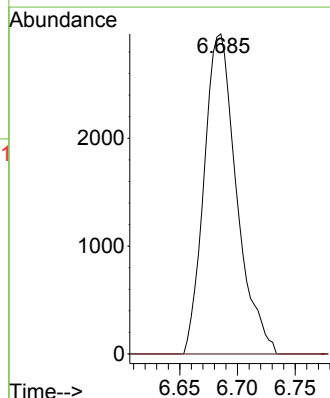
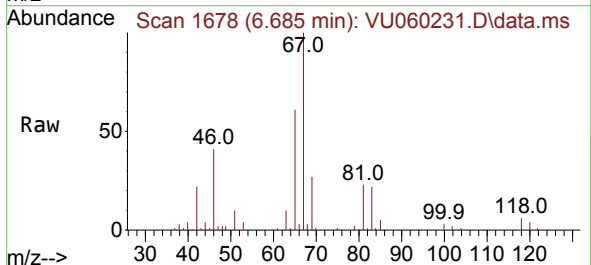
Instrument :
MSVOA_U
ClientSampleId :

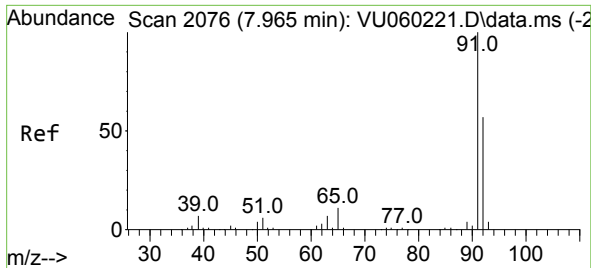
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	56.7	85.1#
98	0.8	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU060231.D
Acq: 26 Jul 2024 18:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#42

Toluene

Concen: 2.055 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU060231.D

Acq: 26 Jul 2024 18:12

Instrument :

MSVOA_U

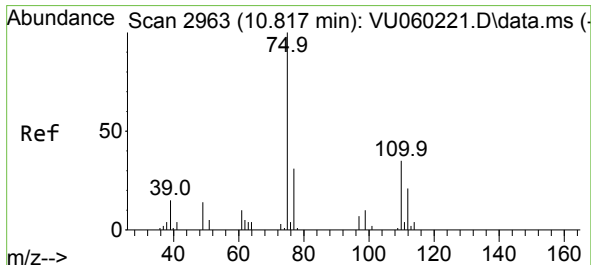
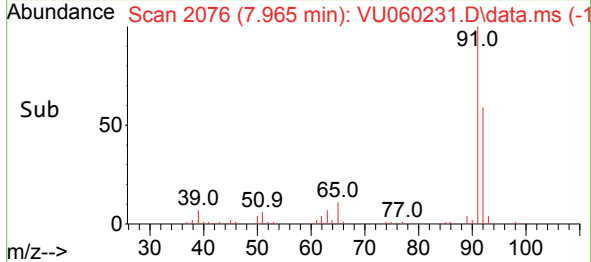
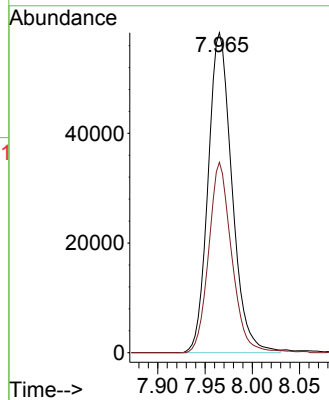
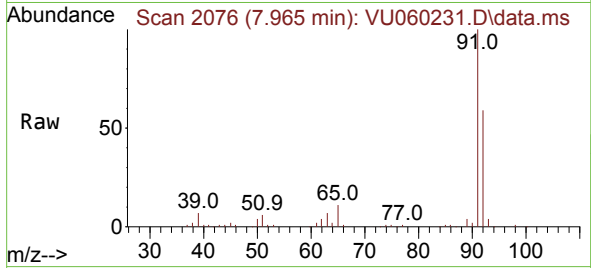
ClientSampleId :

Tgt Ion: 91 Resp: 102506

Ion Ratio Lower Upper

91 100

92 59.5 39.8 73.8



#61

1,2,3-Trichloropropane

Concen: 1.121 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060231.D

Acq: 26 Jul 2024 18:12

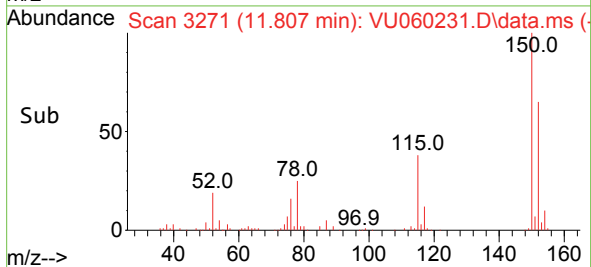
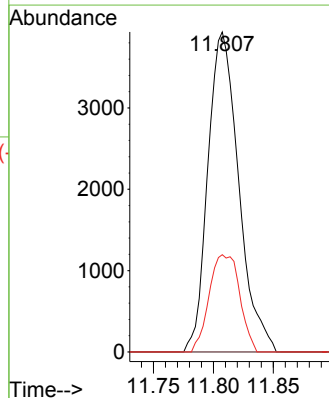
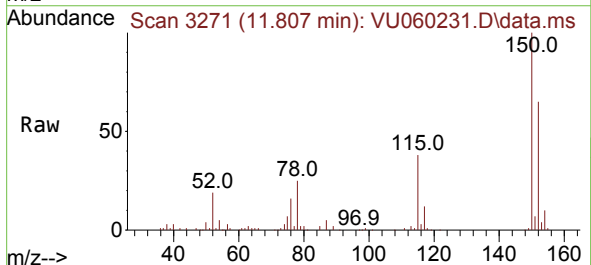
Tgt Ion: 75 Resp: 7017

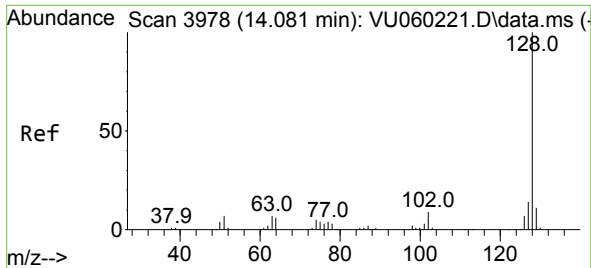
Ion Ratio Lower Upper

75 100

110 0.0 30.8 46.2#

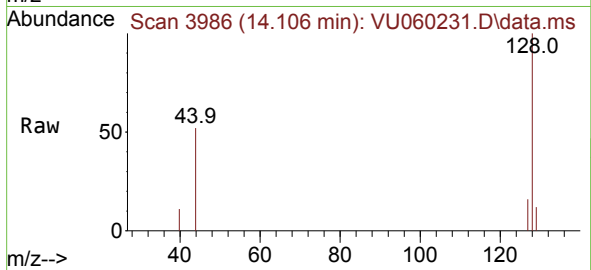
77 30.0 26.2 39.2





#71
 Naphthalene
 Concen: 0.143 ug/L
 RT: 14.106 min Scan# 3978
 Delta R.T. 0.026 min
 Lab File: VU060231.D
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Tgt Ion:	128	Resp:	2439
Ion	Ratio	Lower	Upper
128	100		
129	2.9	8.2	12.4#
127	7.1	10.6	16.0#

