

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060232.D
 Acq On : 26 Jul 2024 18:36
 Operator : MD/SY
 Sample : P3359-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 23:18:08 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)

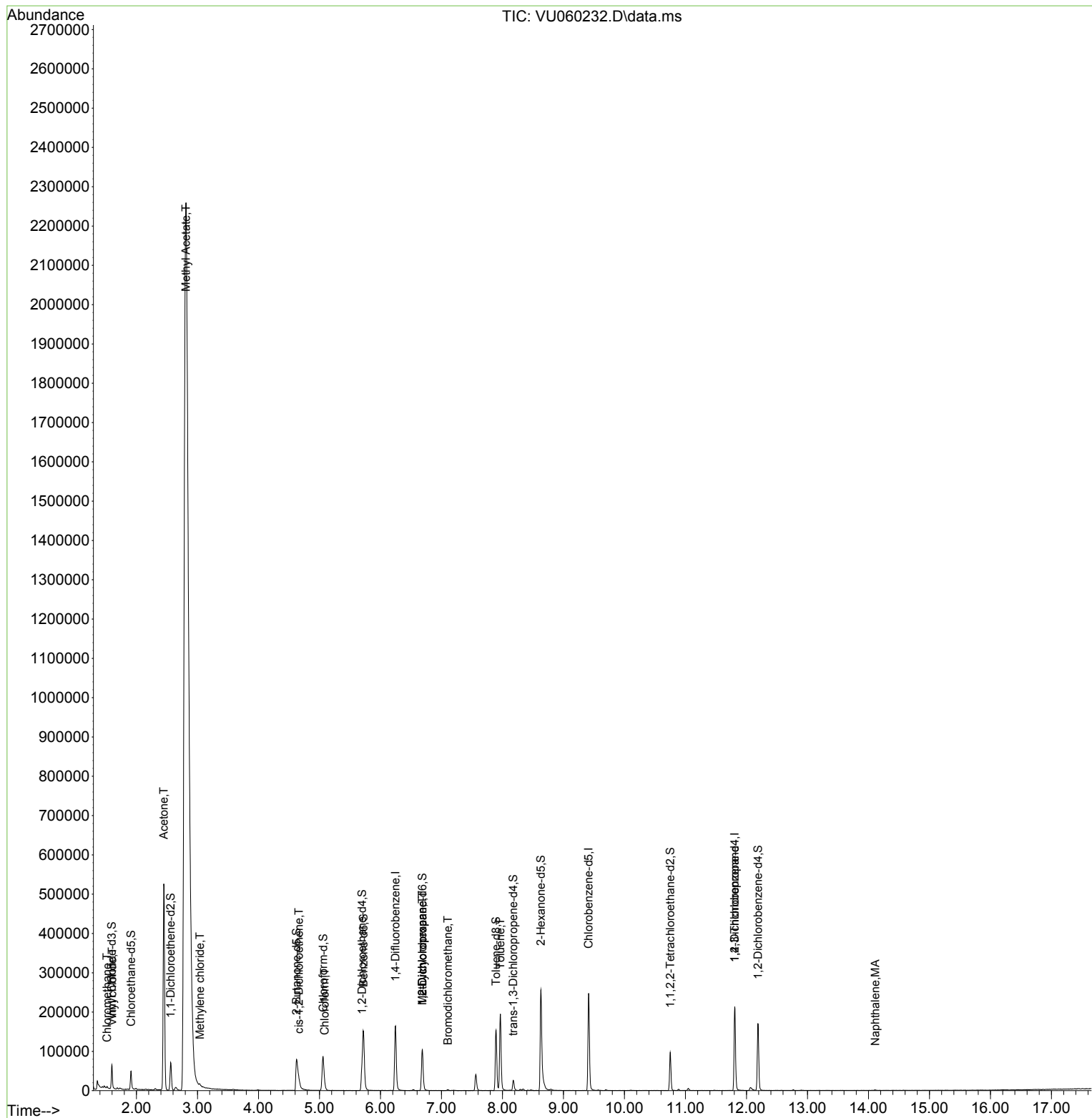
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137692	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36095	3.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.911	69	35841	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	14142	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.624	46	127411	56.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.780%
24) Chloroform-d	5.058	84	81491	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.698	65	41704	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.721	84	143759	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.685	67	55395	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.894	98	107069	3.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	8.177	79	16519	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.631	63	90016	47.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51455	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	48299	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3052	0.243	ug/L	96
5) Vinyl chloride	1.602	62	7307	0.518	ug/L	98
13) Acetone	2.448	43	343255	231.677	ug/L	36
15) Methyl Acetate	2.811	43	1452697	398.651	ug/L #	45
16) Methylene chloride	3.039	84	1843	0.143	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	6006	0.490	ug/L	92
25) Chloroform	5.084	83	10070	0.441	ug/L	92
35) Methylcyclohexane	6.685	83	11770	0.702	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5231	0.402	ug/L #	88
38) Bromodichloromethane	7.107	83	2211	0.135	ug/L #	82
42) Toluene	7.965	91	150903	2.940	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	7453	1.172	ug/L #	65
71) Naphthalene	14.110	128	2630	0.152	ug/L #	73

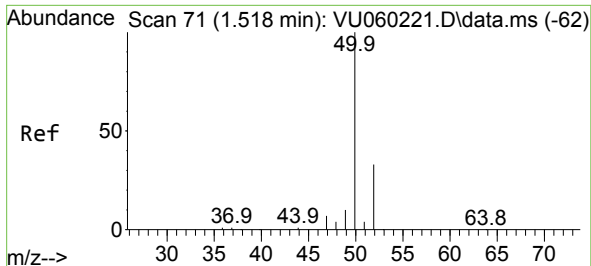
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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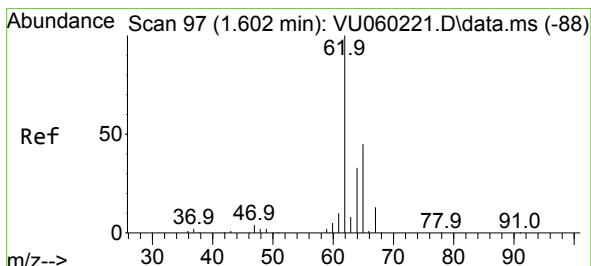
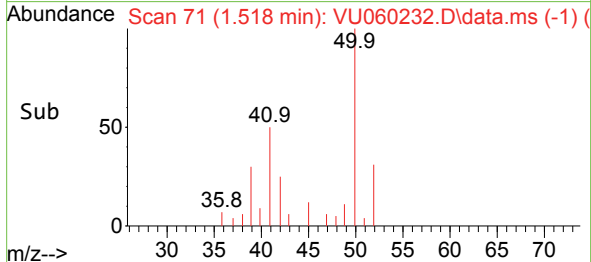
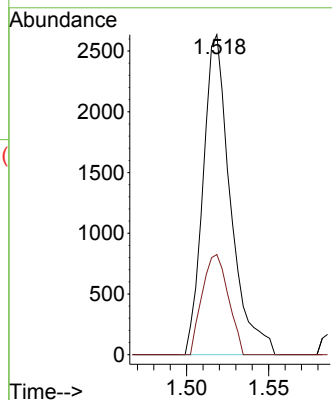
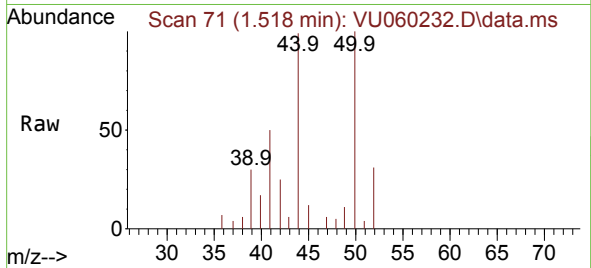




#3
Chloromethane
Concen: 0.243 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

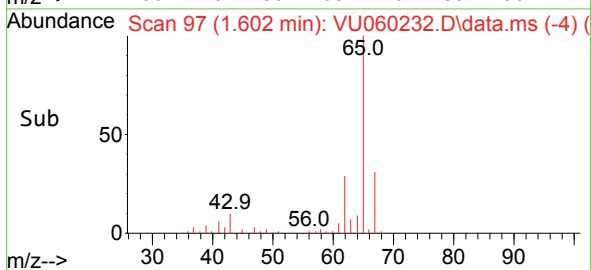
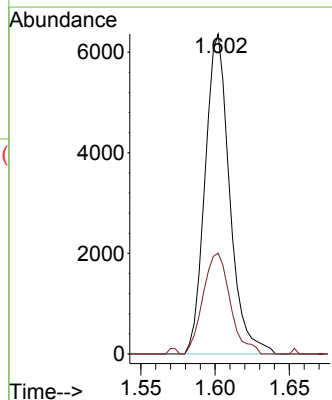
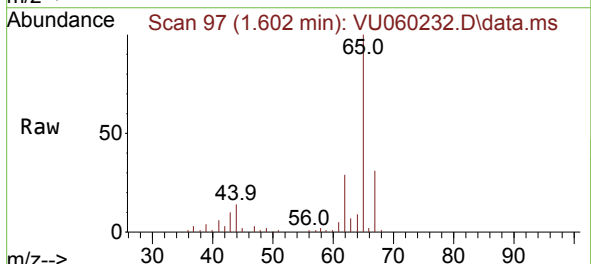
Instrument :
MSVOA_U
ClientSampleId :

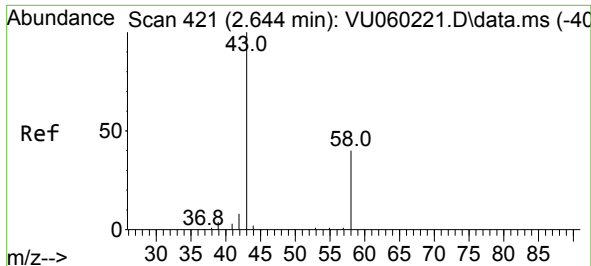
Tgt Ion: 50 Resp: 3052
Ion Ratio Lower Upper
50 100
52 31.3 23.4 43.4



#5
Vinyl chloride
Concen: 0.518 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

Tgt Ion: 62 Resp: 7307
Ion Ratio Lower Upper
62 100
64 31.5 22.8 42.4

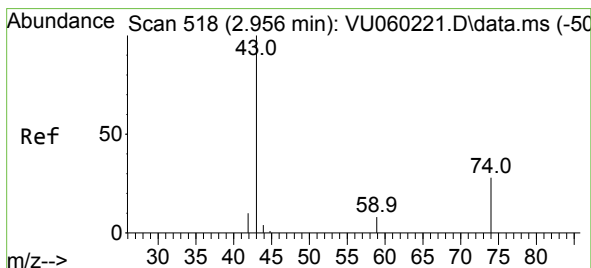
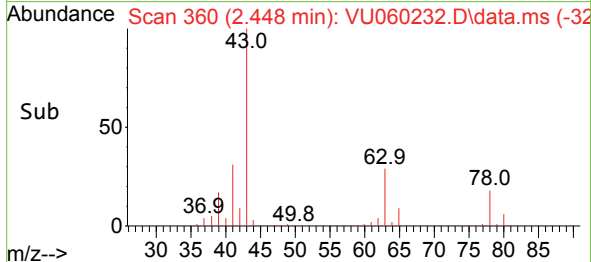
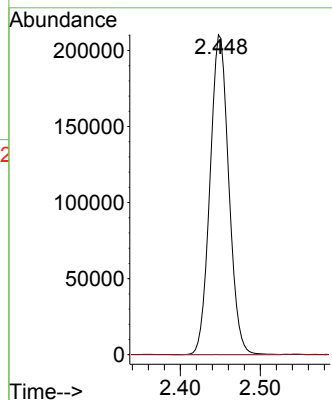
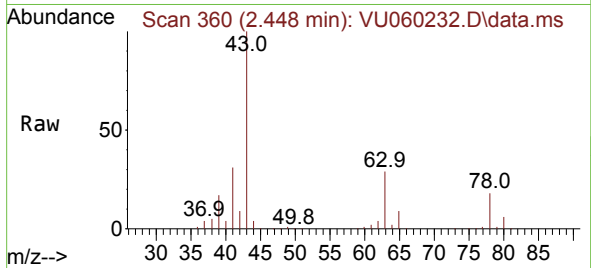




#13
Acetone
Concen: 231.677 ug/L
RT: 2.448 min Scan# 30
Delta R.T. -0.196 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

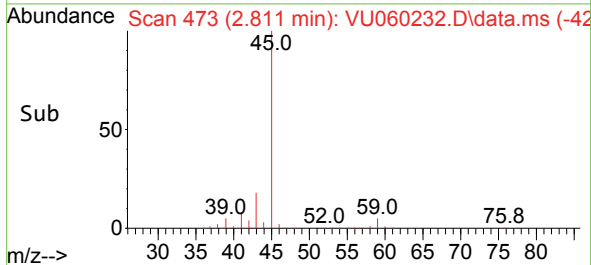
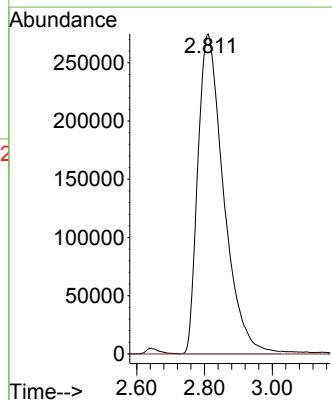
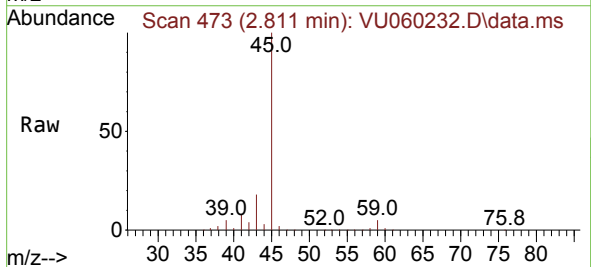
Instrument :
MSVOA_U
ClientSampleId :

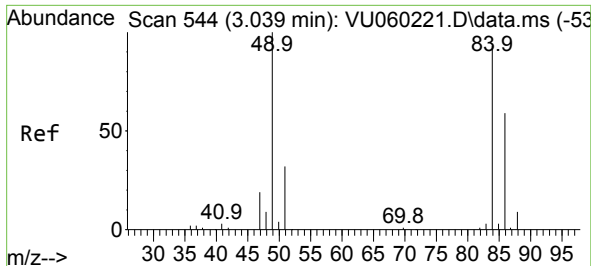
Tgt Ion: 43 Resp: 343255
Ion Ratio Lower Upper
43 100
58 1.3 0.0 82.2



#15
Methyl Acetate
Concen: 398.651 ug/L
RT: 2.811 min Scan# 473
Delta R.T. -0.145 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

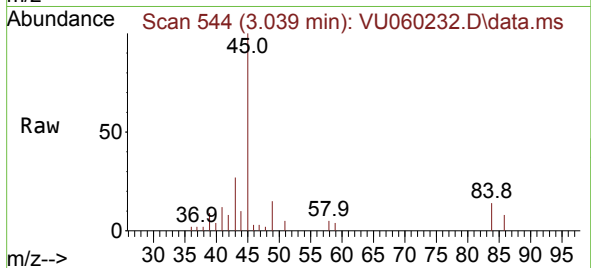
Tgt Ion: 43 Resp: 1452697
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#





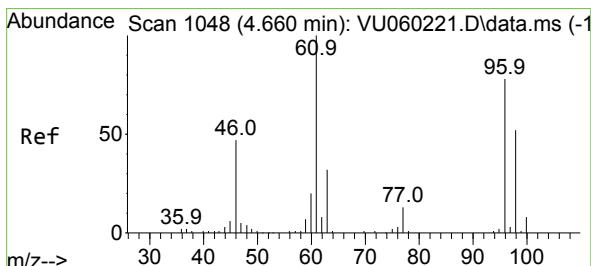
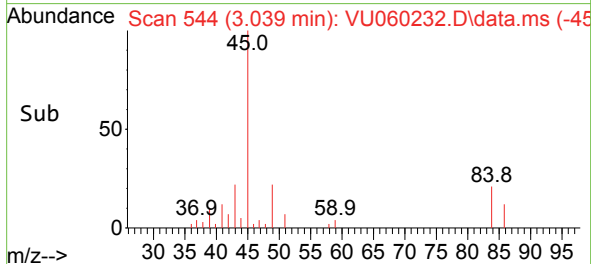
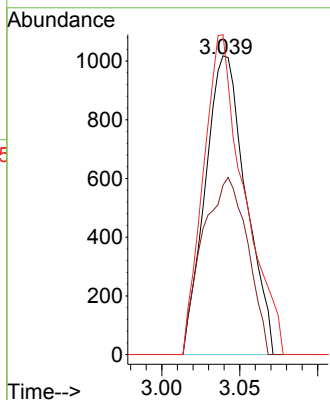
#16
Methylene chloride
Concen: 0.143 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1843

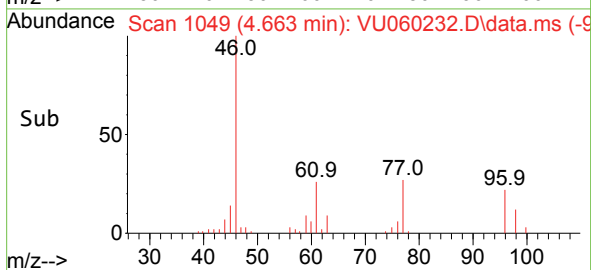
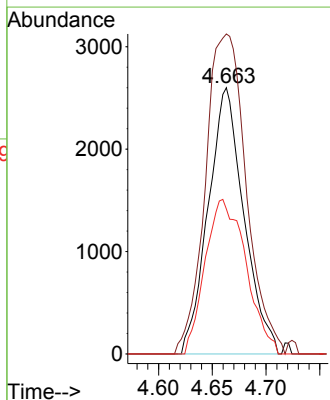
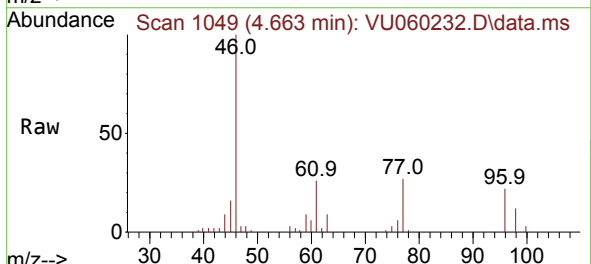
Ion	Ratio	Lower	Upper
84	100		
86	56.7	44.4	82.5
49	107.1	72.0	133.6

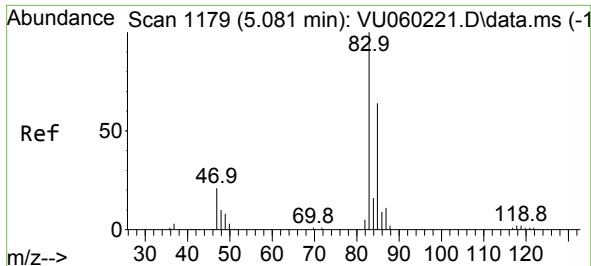


#22
cis-1,2-Dichloroethene
Concen: 0.490 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

Tgt Ion: 96 Resp: 6006

Ion	Ratio	Lower	Upper
96	100		
61	120.2	80.2	148.9
98	54.4	44.7	83.1

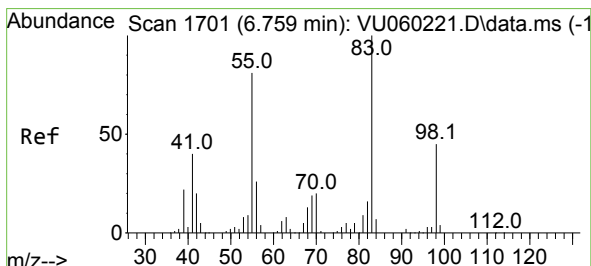
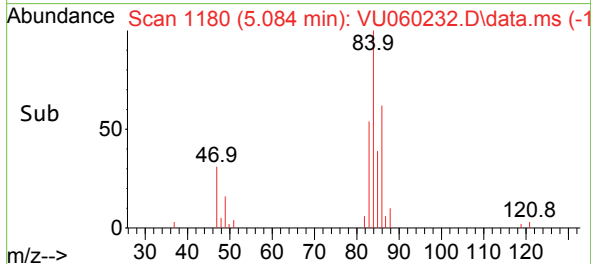
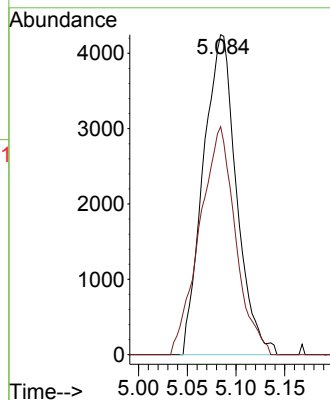
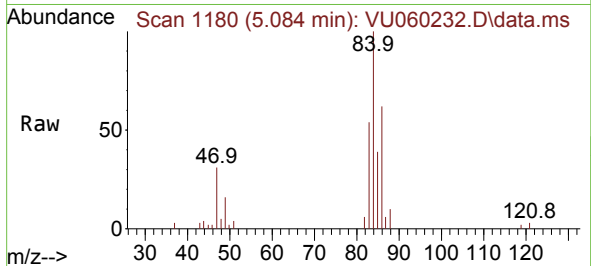




#25
Chloroform
Concen: 0.441 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

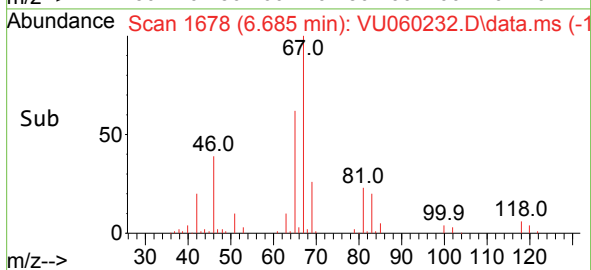
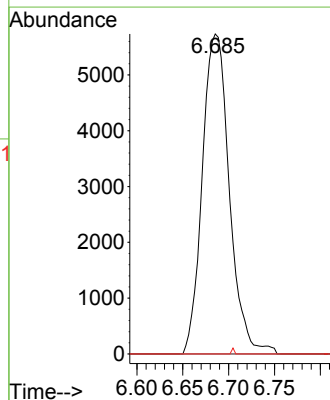
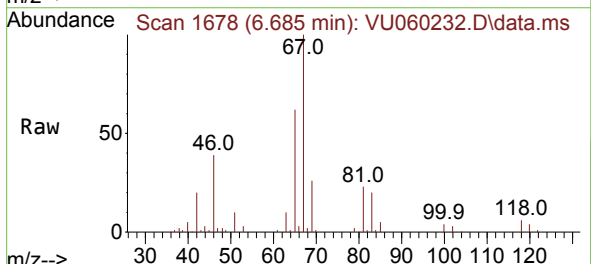
Instrument :
MSVOA_U
ClientSampleId :

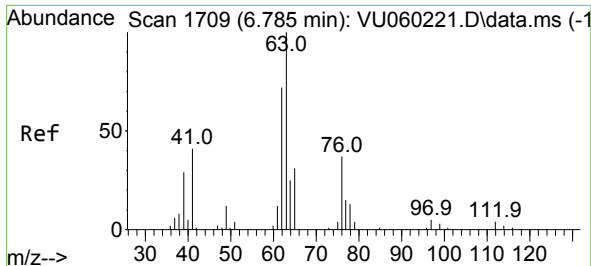
Tgt Ion: 83 Resp: 10070
Ion Ratio Lower Upper
83 100
85 71.3 45.4 84.2



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU060232.D
Acq: 26 Jul 2024 18:36

Tgt Ion: 83 Resp: 11770
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.2 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.402 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU060232.D

Acq: 26 Jul 2024 18:36

Instrument :

MSVOA_U

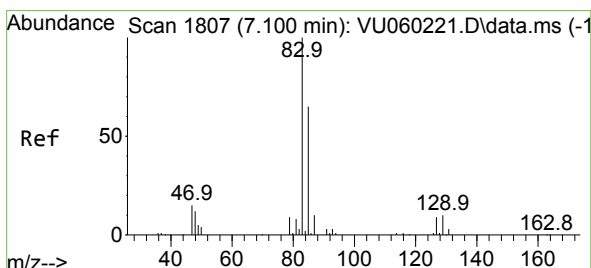
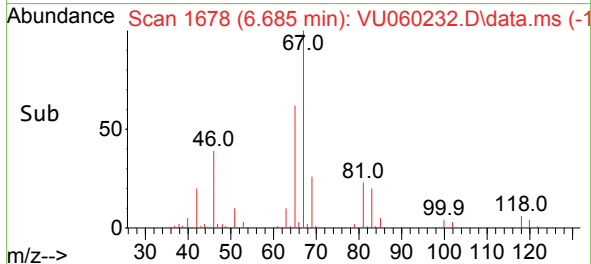
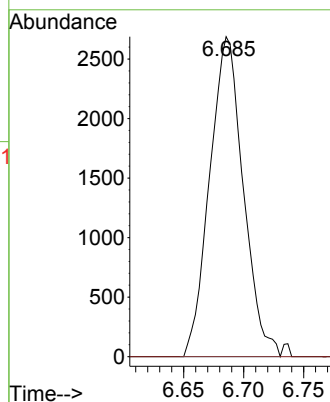
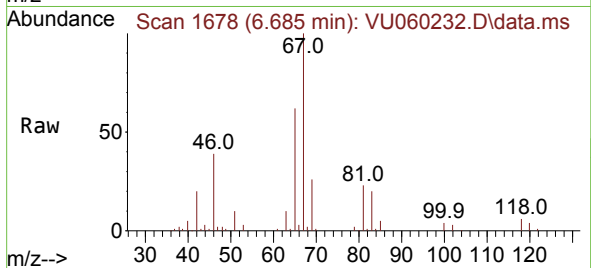
ClientSampleId :

Tgt Ion: 63 Resp: 5231

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.135 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.007 min

Lab File: VU060232.D

Acq: 26 Jul 2024 18:36

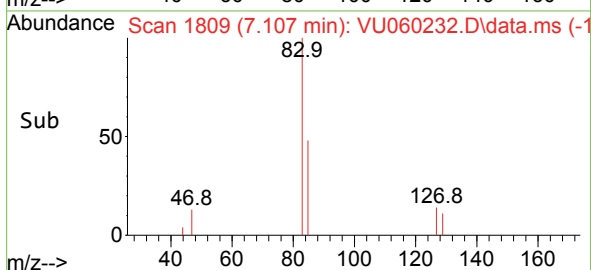
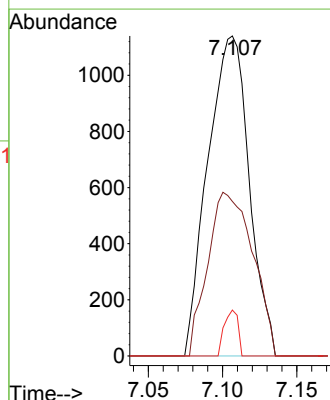
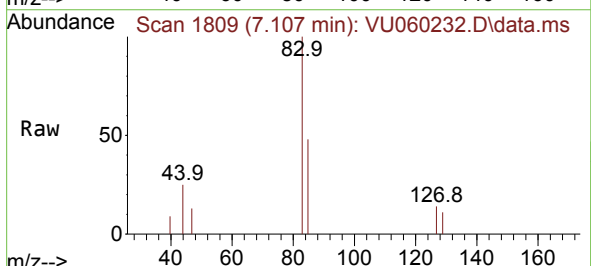
Tgt Ion: 83 Resp: 2211

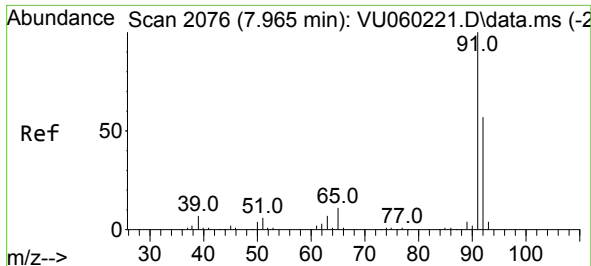
Ion Ratio Lower Upper

83 100

85 48.3 43.5 80.7

127 14.4 7.1 10.7#





#42

Toluene

Concen: 2.940 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU060232.D

Acq: 26 Jul 2024 18:36

Instrument :

MSVOA_U

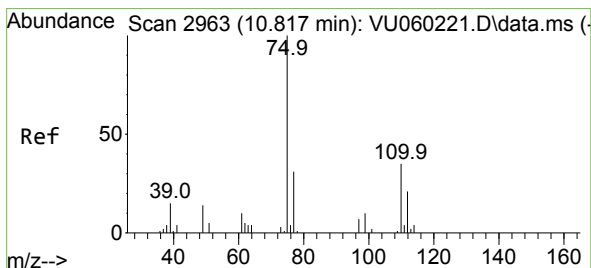
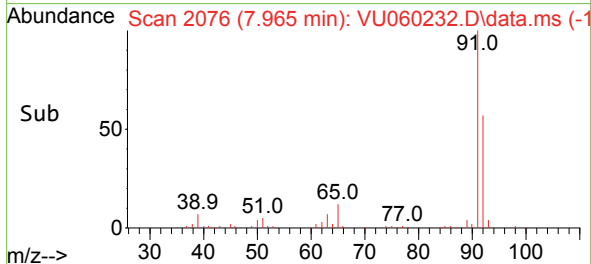
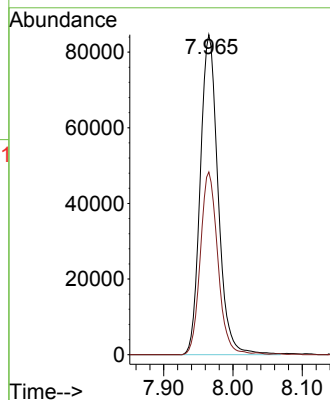
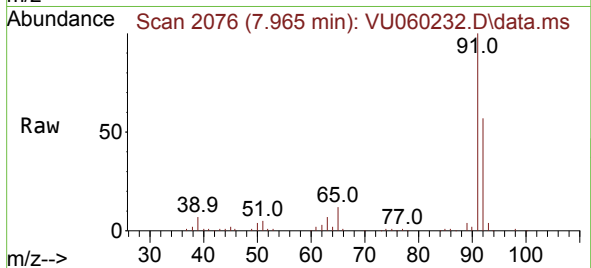
ClientSampleId :

Tgt Ion: 91 Resp: 150903

Ion Ratio Lower Upper

91 100

92 57.1 39.8 73.8



#61

1,2,3-Trichloropropane

Concen: 1.172 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060232.D

Acq: 26 Jul 2024 18:36

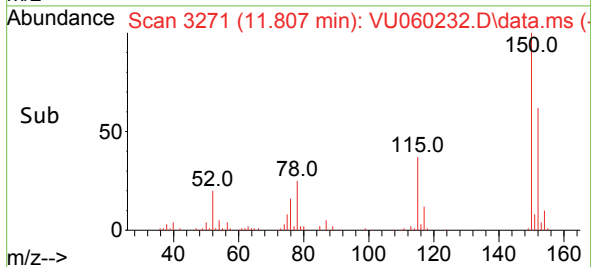
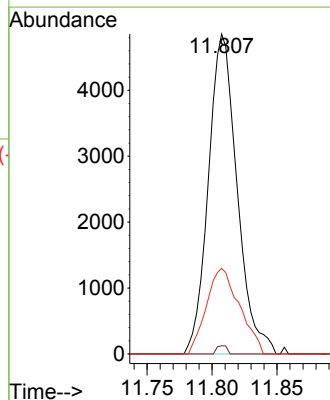
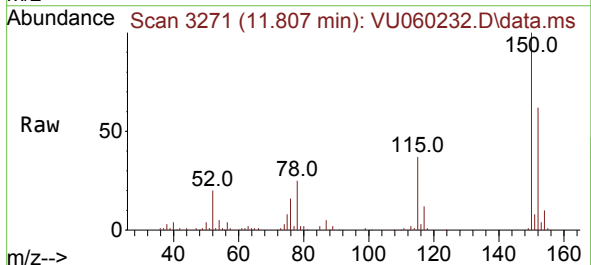
Tgt Ion: 75 Resp: 7453

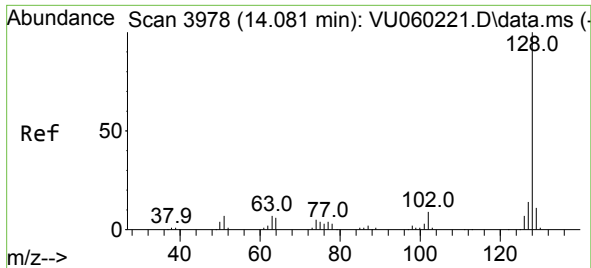
Ion Ratio Lower Upper

75 100

110 0.9 30.8 46.2#

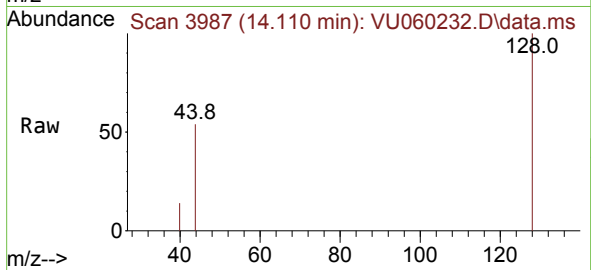
77 30.9 26.2 39.2





#71
 Naphthalene
 Concen: 0.152 ug/L
 RT: 14.110 min Scan# 3978
 Delta R.T. 0.029 min
 Lab File: VU060232.D
 Acq: 26 Jul 2024 18:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	2630
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	12.4#
127	2.5	10.6	16.0#

