

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060187.D
 Acq On : 25 Jul 2024 21:30
 Operator : MD/SY
 Sample : P3335-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 02:44:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

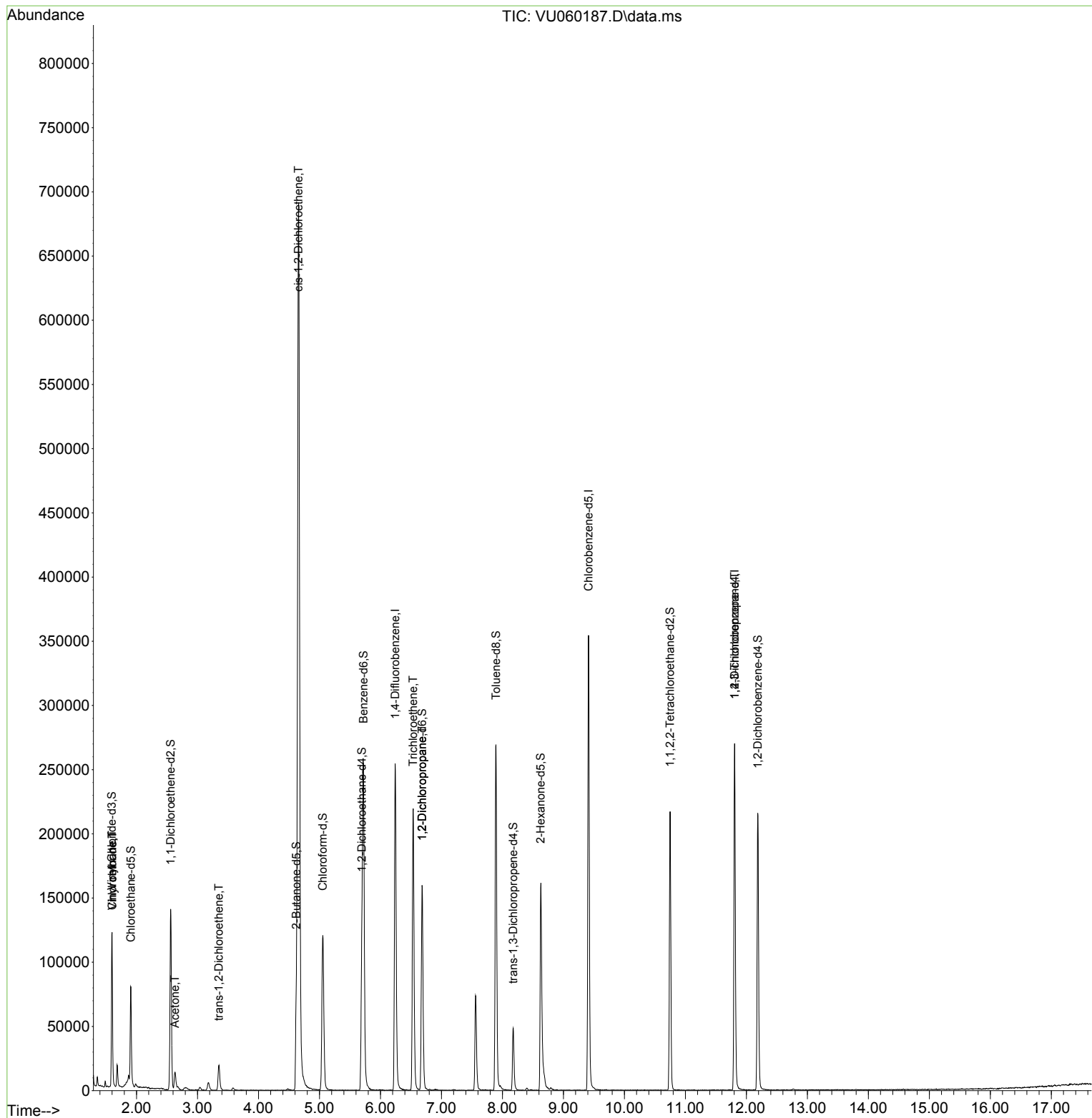
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214515	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	209679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76623	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72338	52.520	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.040%
7) Chloroethane-d5	1.907	69	58802	50.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.520%
11) 1,1-Dichloroethene-d2	2.560	63	84415	34.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.000%
21) 2-Butanone-d5	4.621	46	100875	105.387	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.390%
24) Chloroform-d	5.055	84	118894	44.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.695	65	73948	46.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
32) Benzene-d6	5.721	84	244642	45.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
36) 1,2-Dichloropropane-d6	6.682	67	83288	50.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	7.894	98	189894	37.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.380%#
43) trans-1,3-Dichloroprop...	8.177	79	30272	38.930	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.860%
47) 2-Hexanone-d5	8.627	63	55627	79.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.430%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	116745	45.771	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.540%
66) 1,2-Dichlorobenzene-d4	12.187	152	61446	43.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
Target Compounds						
5) Vinyl chloride	1.602	62	19589	12.764	ug/L	97
8) Chloroethane	1.602	64	6968	6.974	ug/L #	79
13) Acetone	2.631	43	18918	19.193	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	8724	6.662	ug/L	89
20) cis-1,2-Dichloroethene	4.656	96	380589	240.026	ug/L	97
34) Trichloroethene	6.534	95	80036	52.969	ug/L	95
37) 1,2-Dichloropropane	6.682	63	8145	5.226	ug/L #	88
60) 1,2,3-Trichloropropane	11.807	75	9154	6.295	ug/L #	66

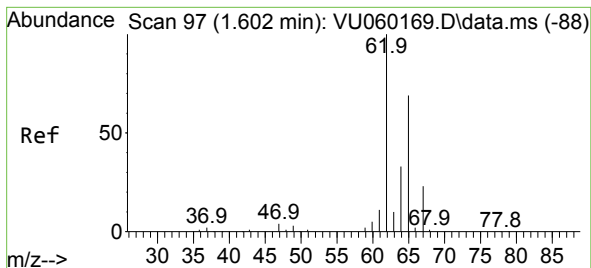
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.764 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

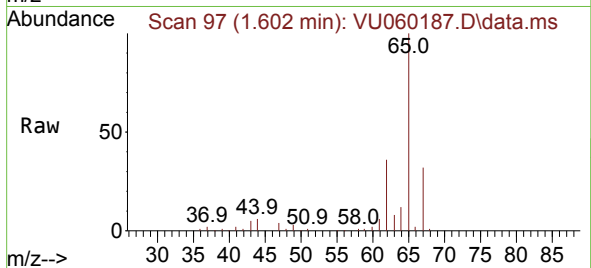
Lab File: VU060187.D

Acq: 25 Jul 2024 21:30

Instrument :

MSVOA_U

ClientSampleId :

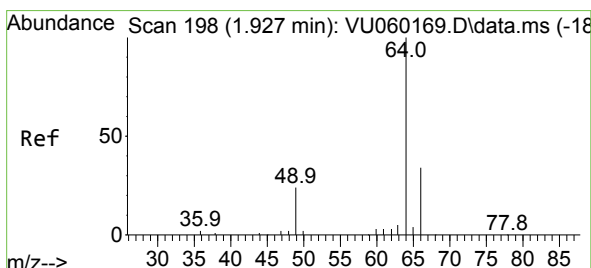
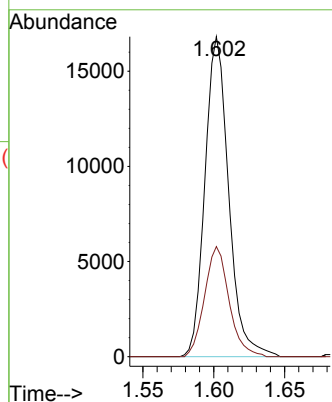
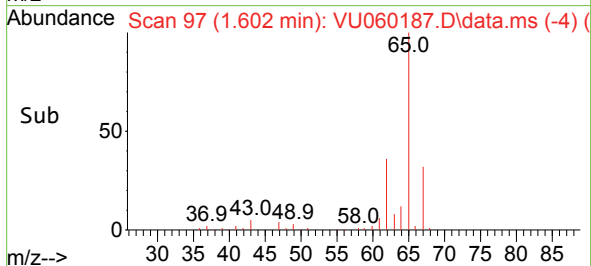


Tgt Ion: 62 Resp: 19589

Ion Ratio Lower Upper

62 100

64 34.4 22.9 42.5



#8

Chloroethane

Concen: 6.974 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.325 min

Lab File: VU060187.D

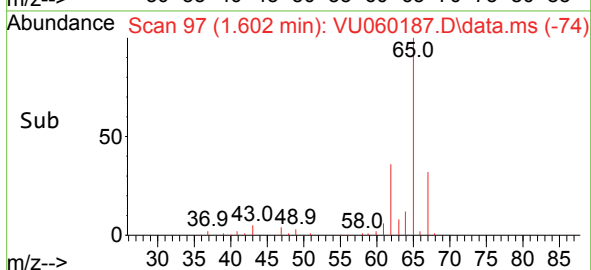
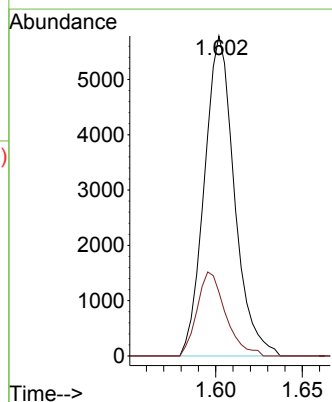
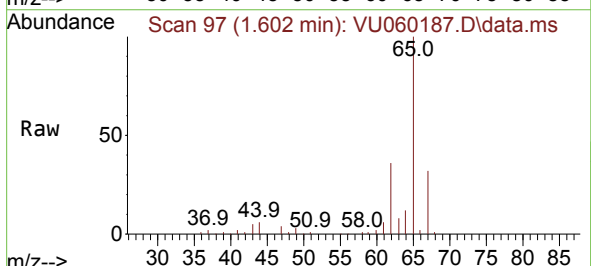
Acq: 25 Jul 2024 21:30

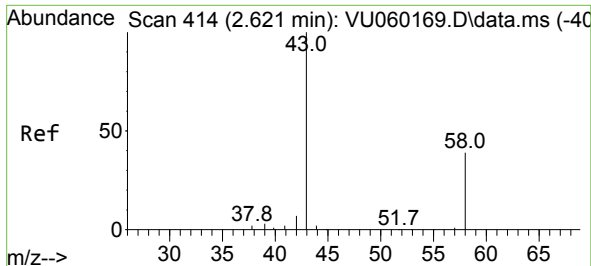
Tgt Ion: 64 Resp: 6968

Ion Ratio Lower Upper

64 100

66 19.9 22.3 41.3#





#13

Acetone

Concen: 19.193 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU060187.D

Acq: 25 Jul 2024 21:30

Instrument :

MSVOA_U

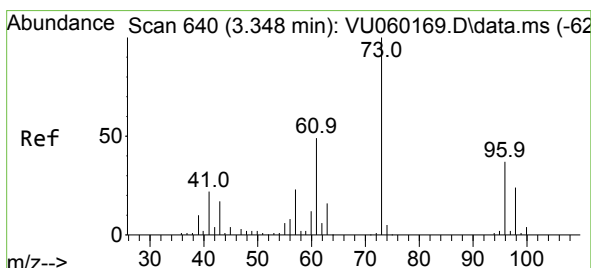
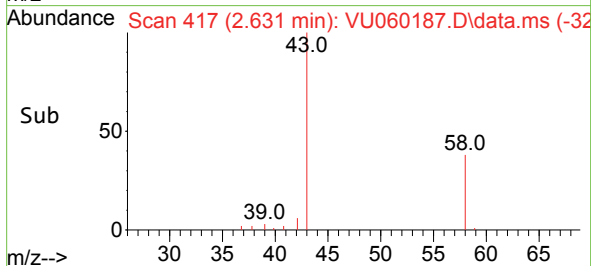
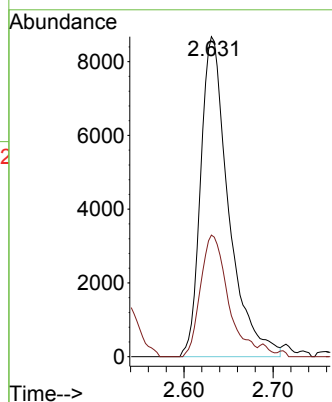
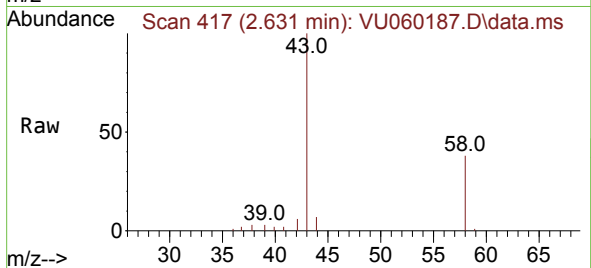
ClientSampleId :

Tgt Ion: 43 Resp: 18918

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.8



#17

trans-1,2-Dichloroethene

Concen: 6.662 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU060187.D

Acq: 25 Jul 2024 21:30

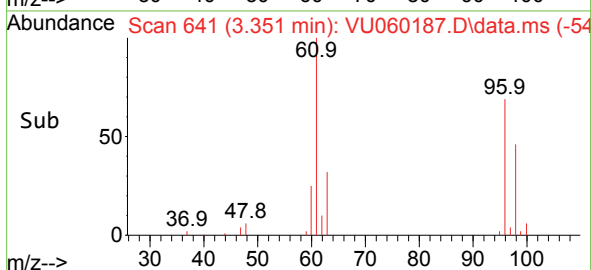
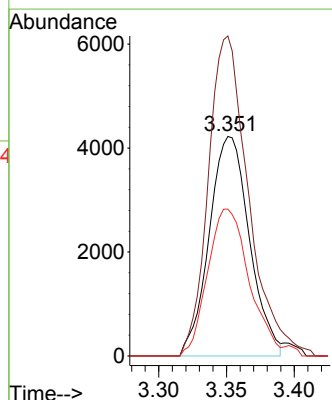
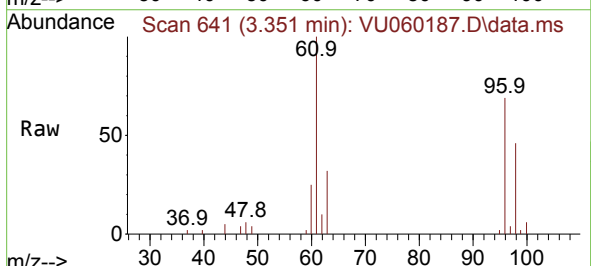
Tgt Ion: 96 Resp: 8724

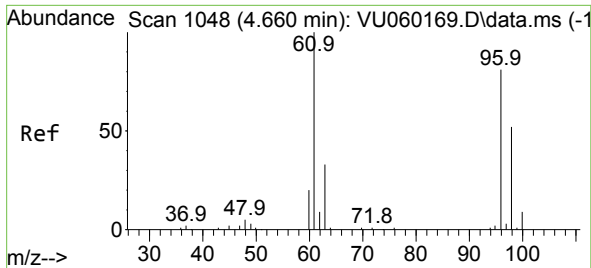
Ion Ratio Lower Upper

96 100

61 145.8 90.6 168.3

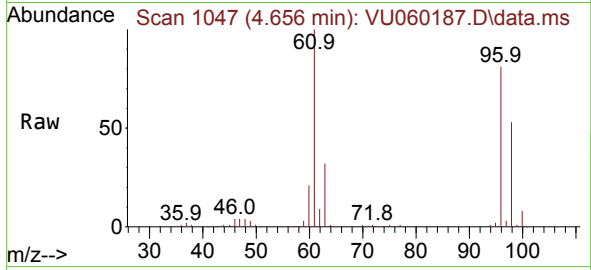
98 66.9 44.9 83.3



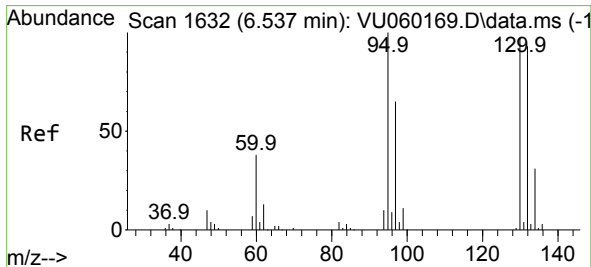
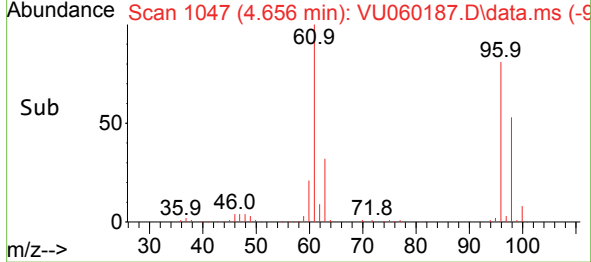
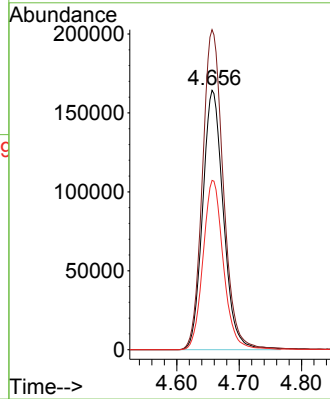


#20
cis-1,2-Dichloroethene
Concen: 240.026 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060187.D
Acq: 25 Jul 2024 21:30

Instrument :
MSVOA_U
ClientSampleId :

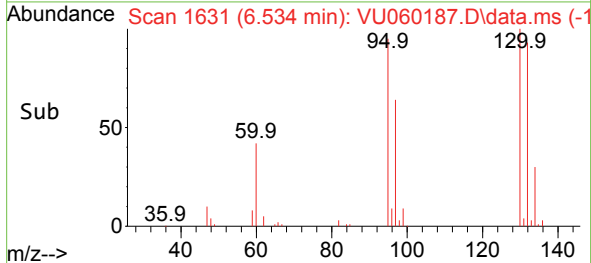
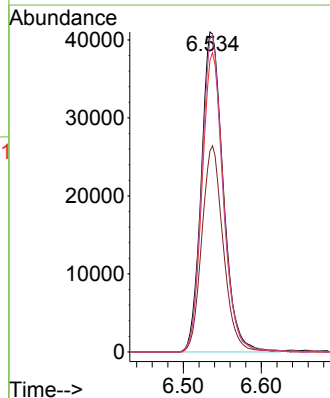
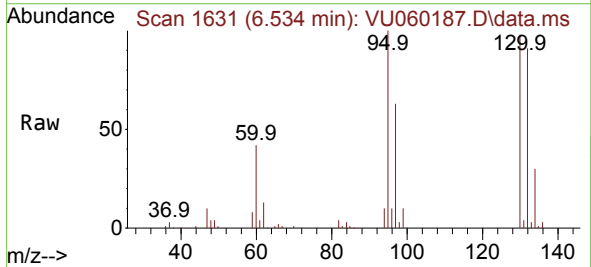


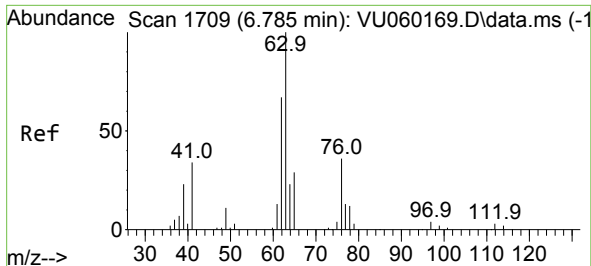
Tgt Ion: 96 Resp: 380589
Ion Ratio Lower Upper
96 100
61 123.4 83.2 154.4
98 65.3 45.9 85.3



#34
Trichloroethene
Concen: 52.969 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060187.D
Acq: 25 Jul 2024 21:30

Tgt Ion: 95 Resp: 80036
Ion Ratio Lower Upper
95 100
97 62.8 45.8 85.2
132 91.2 69.8 129.6
130 97.9 70.8 131.6





#37

1,2-Dichloropropane

Concen: 5.226 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU060187.D

Acq: 25 Jul 2024 21:30

Instrument :

MSVOA_U

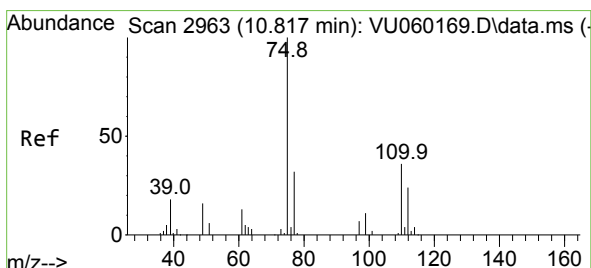
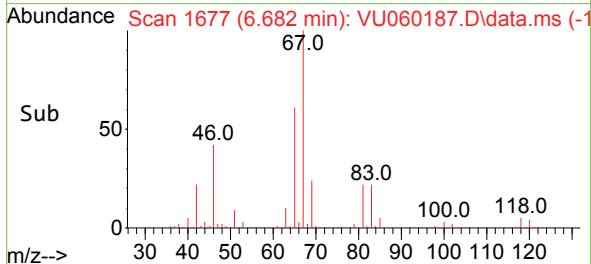
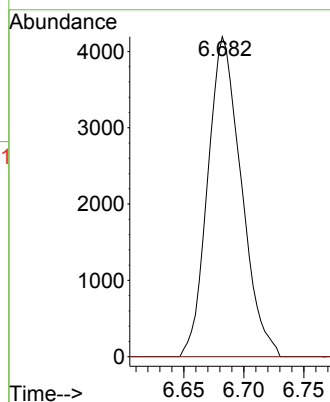
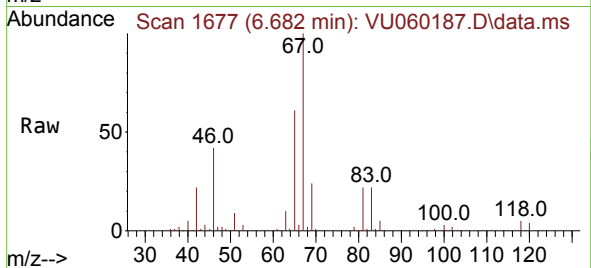
ClientSampleId :

Tgt Ion: 63 Resp: 8145

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#60

1,2,3-Trichloropropane

Concen: 6.295 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060187.D

Acq: 25 Jul 2024 21:30

Tgt Ion: 75 Resp: 9154

Ion Ratio Lower Upper

75 100

77 33.3 25.5 38.3

110 1.6 30.7 46.1#

