

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056294.D
 Acq On : 14 Nov 2023 09:24
 Operator : MD/SY
 Sample : 05371-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

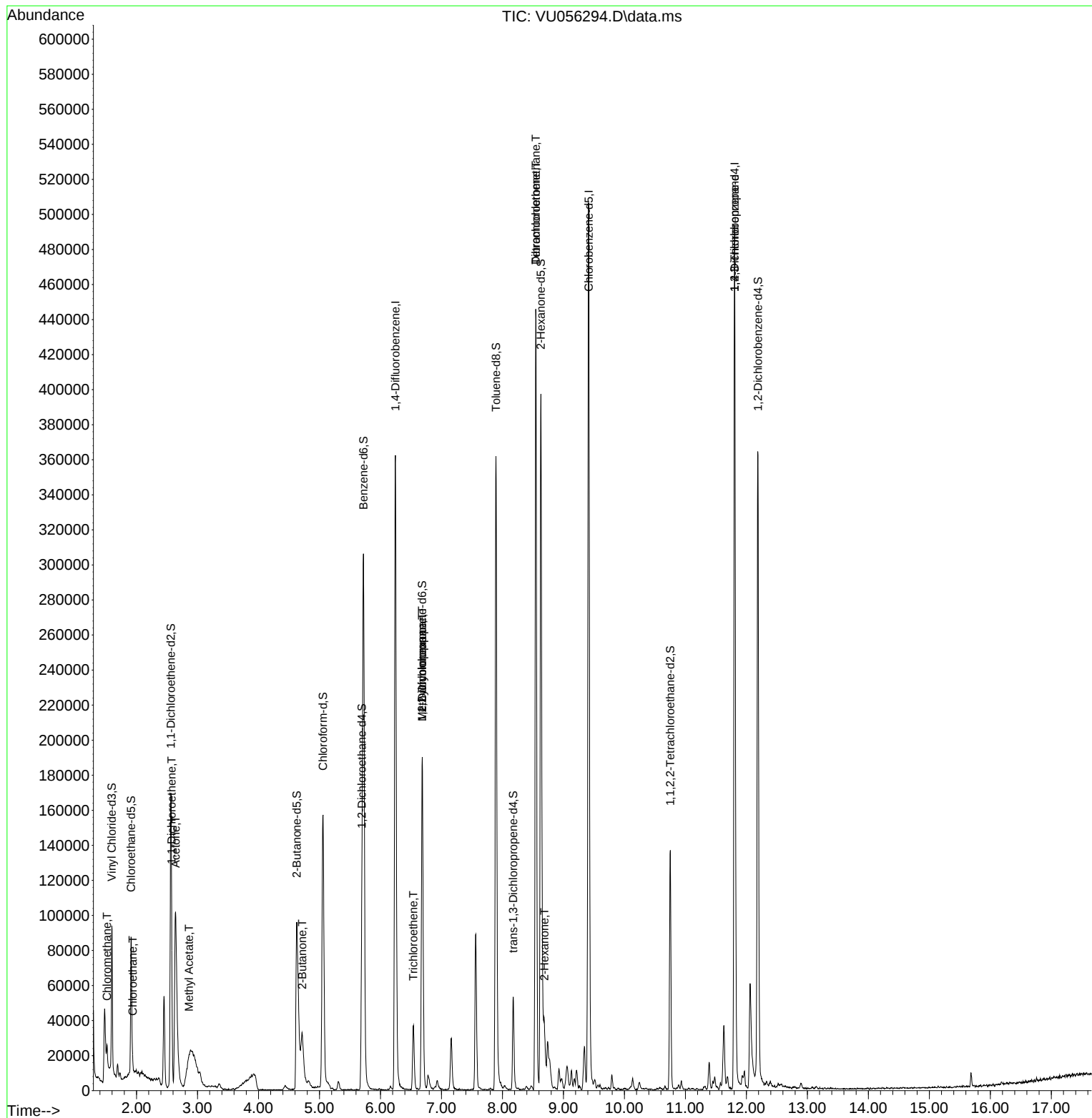
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	296635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59268	2.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.400%
7) Chloroethane-d5	1.911	69	58230	3.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.563	65	30713	3.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.628	46	177029	40.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.020%
24) Chloroform-d	5.058	84	150771	3.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.695	65	72679	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.721	84	294761	3.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.400%#
36) 1,2-Dichloropropane-d6	6.685	67	93060	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.600%
41) Toluene-d8	7.894	98	250668	3.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.177	79	31366	3.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.631	63	142082	35.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69497	3.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	97436	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	7649	0.318	ug/L	93
8) Chloroethane	1.940	64	5903	0.418	ug/L #	65
12) 1,1-Dichloroethene	2.576	96	5391	0.297	ug/L #	1
13) Acetone	2.641	43	180396	47.875	ug/L	98
15) Methyl Acetate	2.859	43	3912	0.583	ug/L #	49
21) 2-Butanone	4.718	43	51296	10.491	ug/L	93
34) Trichloroethene	6.541	95	13218	0.579	ug/L	95
35) Methylcyclohexane	6.682	83	20946	0.636	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	9449	0.433	ug/L #	89
47) Tetrachloroethene	8.547	164	92613	6.019	ug/L	97
48) 2-Hexanone	8.689	43	12906	1.530	ug/L #	84
49) Dibromochloromethane	8.547	129	97075	5.869	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16373	1.442	ug/L #	68

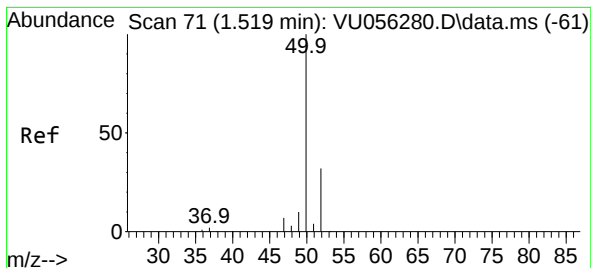
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.318 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Instrument :

MSVOA_U

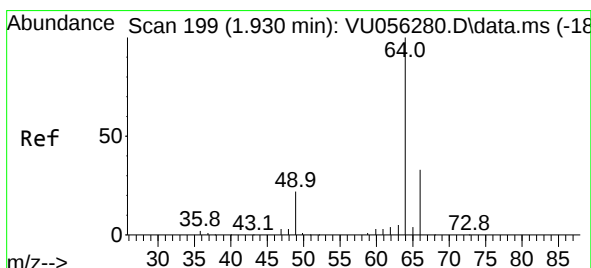
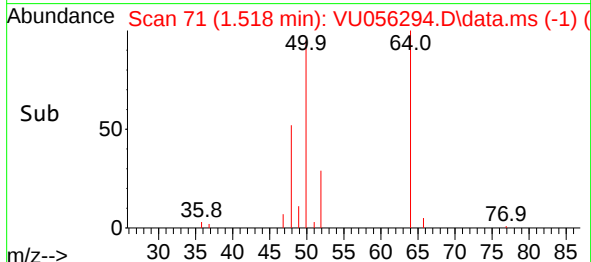
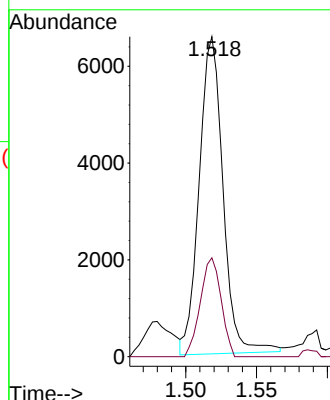
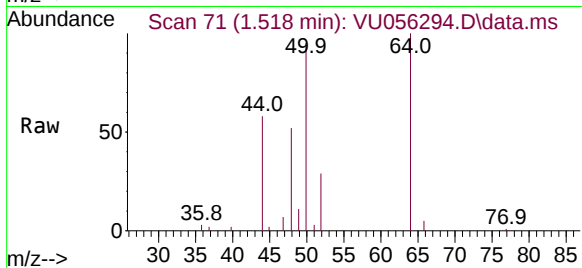
ClientSampleId :

Tgt Ion: 50 Resp: 7649

Ion Ratio Lower Upper

50 100

52 30.9 24.3 45.1



#8

Chloroethane

Concen: 0.418 ug/L

RT: 1.940 min Scan# 202

Delta R.T. 0.009 min

Lab File: VU056294.D

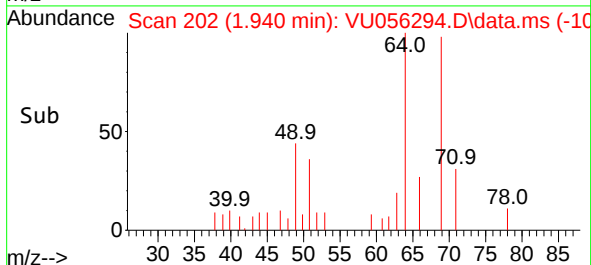
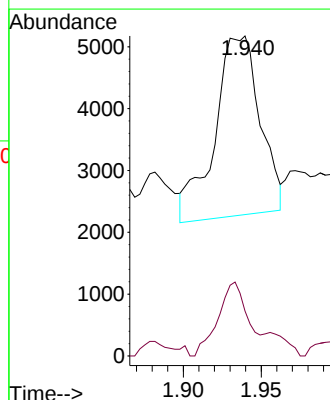
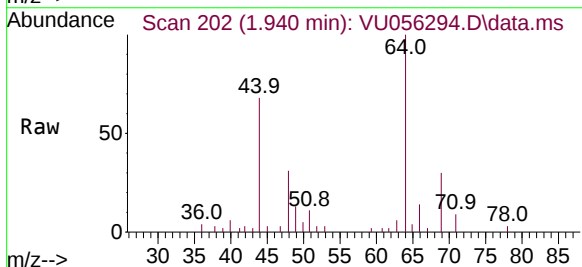
Acq: 14 Nov 2023 09:24

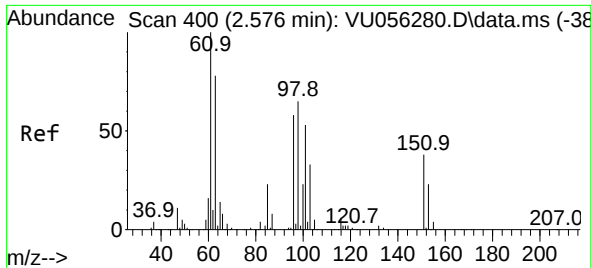
Tgt Ion: 64 Resp: 5903

Ion Ratio Lower Upper

64 100

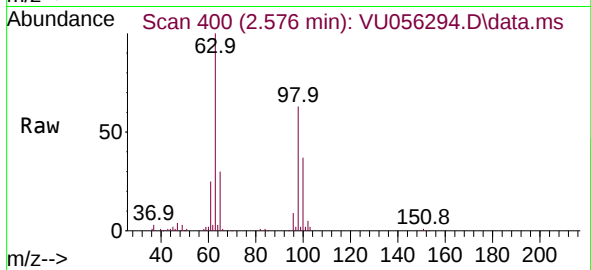
66 14.0 23.9 44.5#



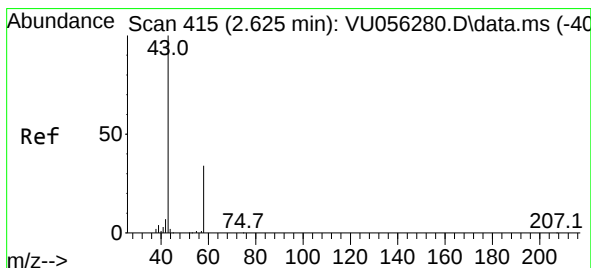
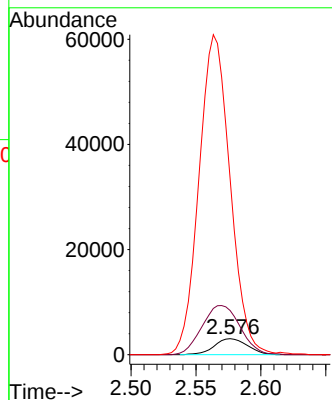
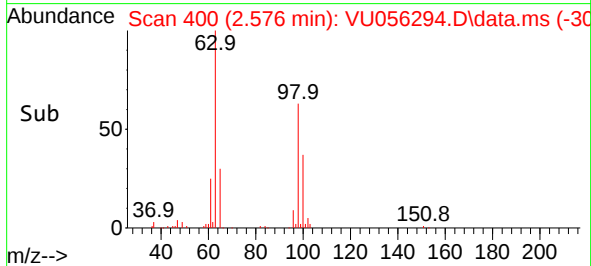


#12
1,1-Dichloroethene
Concen: 0.297 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

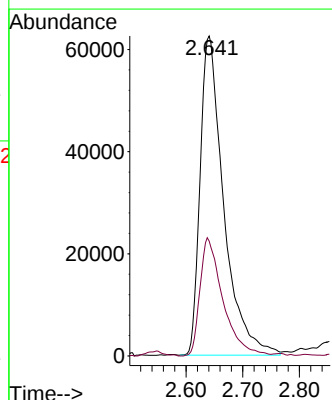
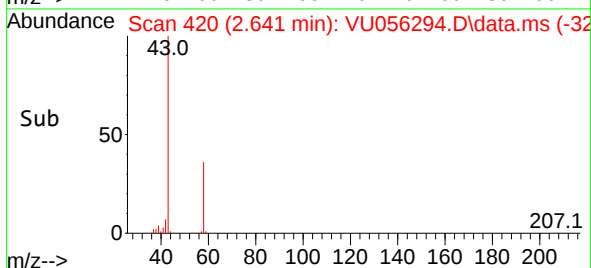
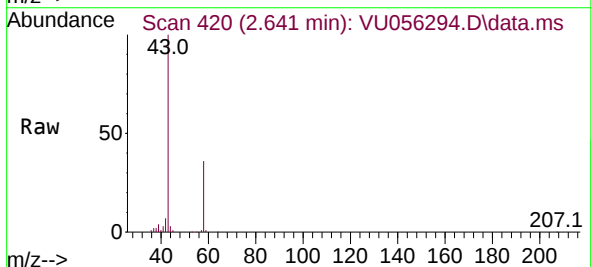


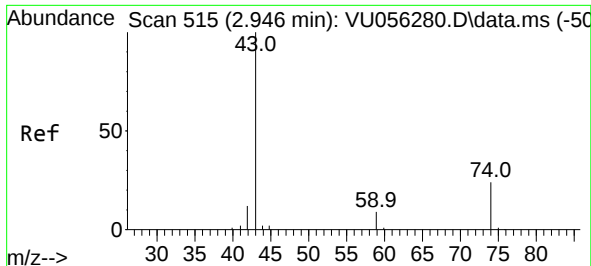
Tgt Ion: 96 Resp: 5391
Ion Ratio Lower Upper
96 100
61 275.8 123.1 228.7#
63 1100.4 93.3 173.3#



#13
Acetone
Concen: 47.875 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.016 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

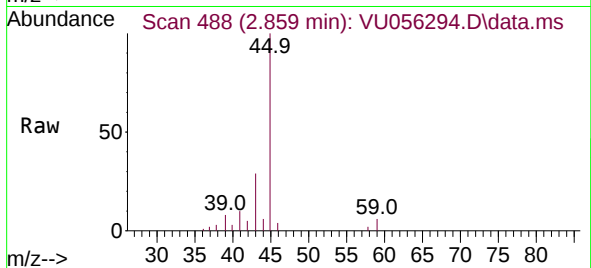
Tgt Ion: 43 Resp: 180396
Ion Ratio Lower Upper
43 100
58 36.0 0.0 70.0



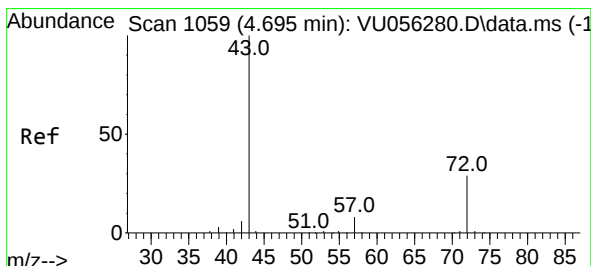
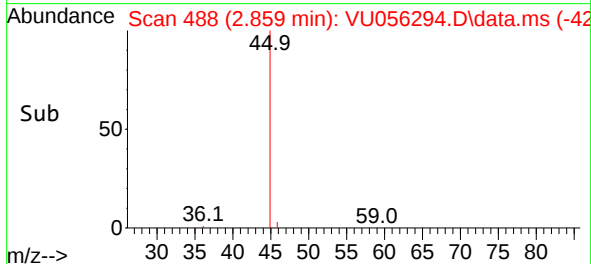
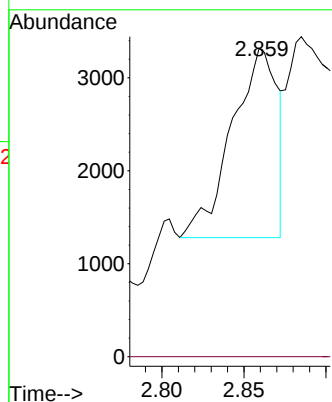


#15
Methyl Acetate
Concen: 0.583 ug/L
RT: 2.859 min Scan# 41
Delta R.T. -0.087 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

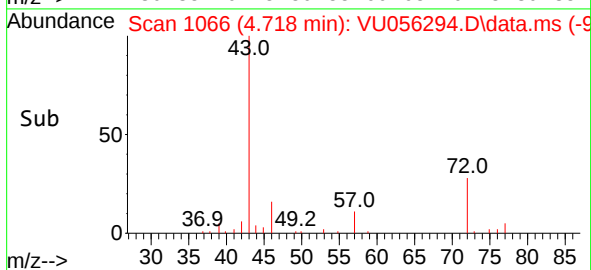
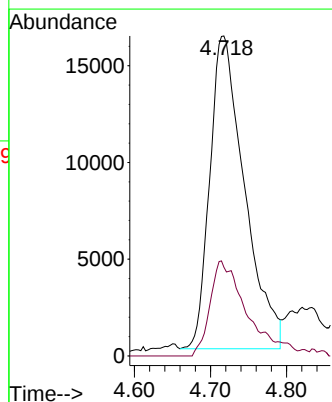
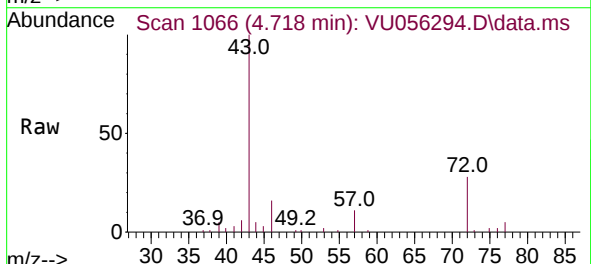


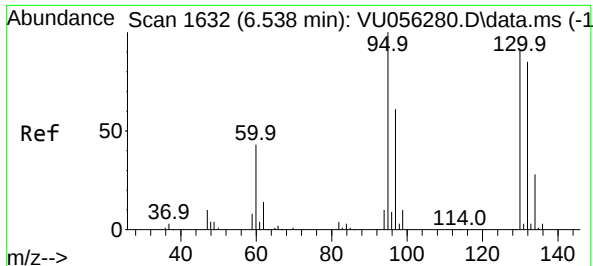
Tgt Ion: 43 Resp: 3912
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#21
2-Butanone
Concen: 10.491 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.022 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Tgt Ion: 43 Resp: 51296
Ion Ratio Lower Upper
43 100
72 32.3 14.2 42.6





#34

Trichloroethene

Concen: 0.579 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 13218

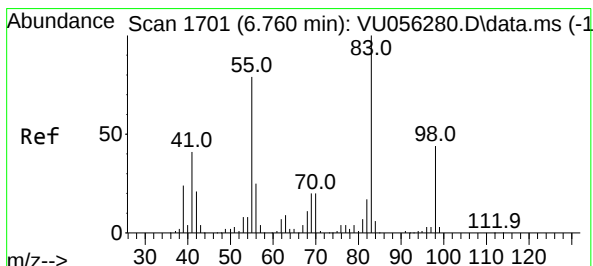
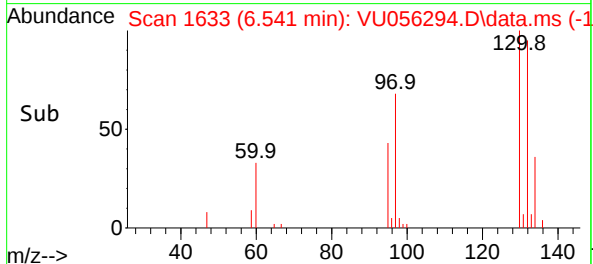
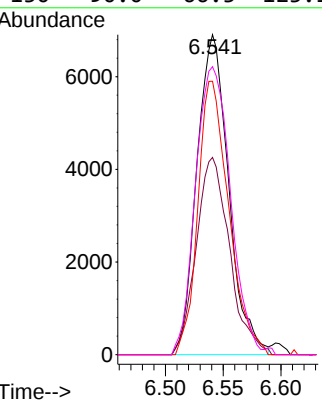
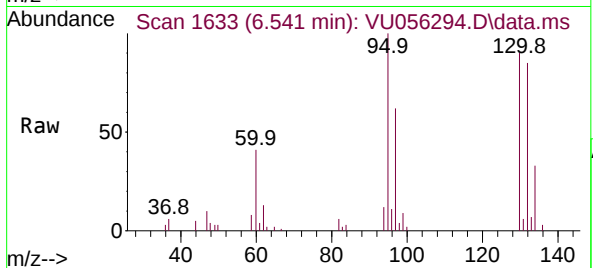
Ion Ratio Lower Upper

95 100

97 61.7 46.5 86.3

132 85.4 62.0 115.2

130 90.0 66.3 123.1



#35

Methylcyclohexane

Concen: 0.636 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

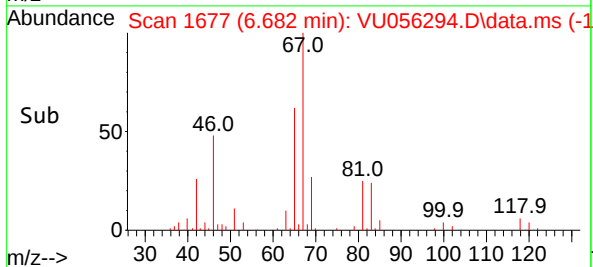
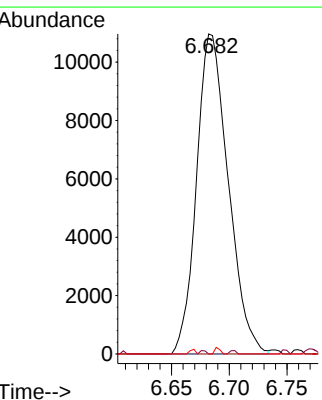
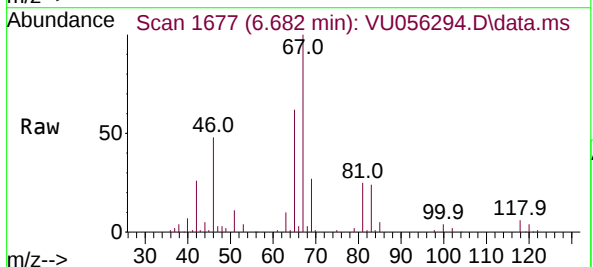
Tgt Ion: 83 Resp: 20946

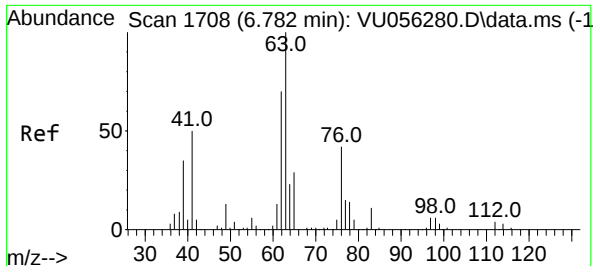
Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 0.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.433 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Instrument :

MSVOA_U

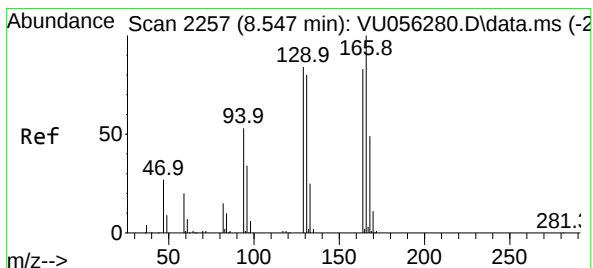
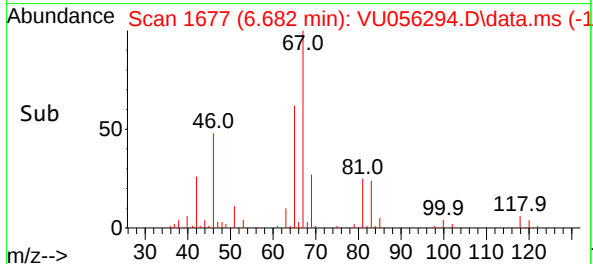
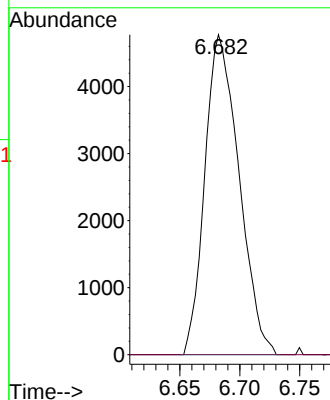
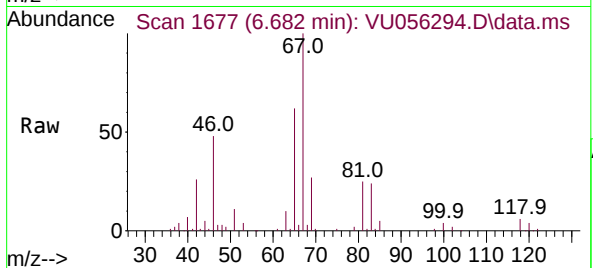
ClientSampleId :

Tgt Ion: 63 Resp: 9449

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#47

Tetrachloroethene

Concen: 6.019 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Tgt Ion: 164 Resp: 92613

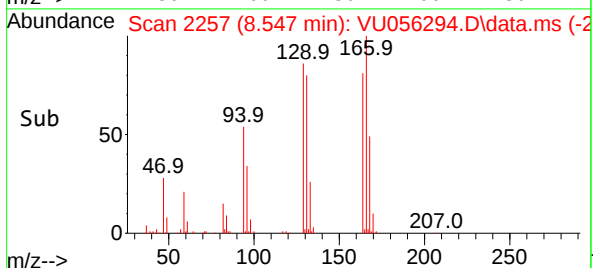
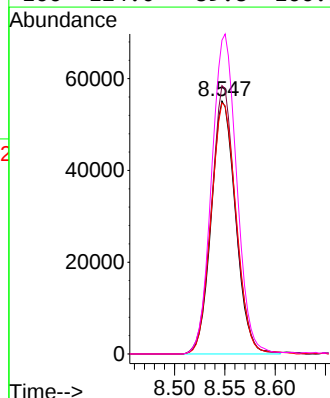
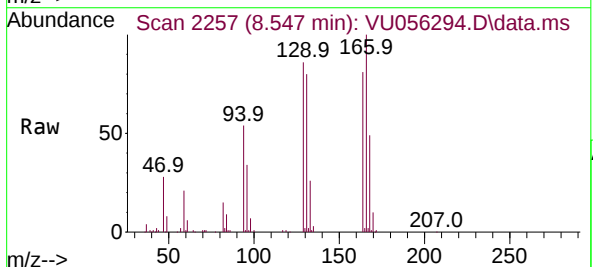
Ion Ratio Lower Upper

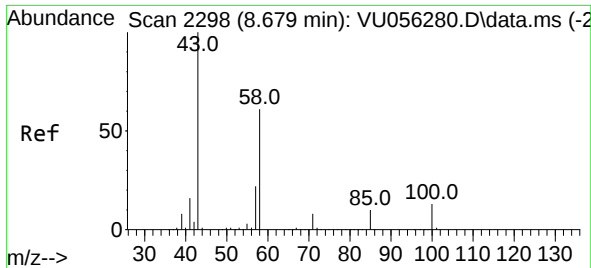
164 100

129 106.1 71.0 131.9

131 99.2 70.3 130.7

166 124.0 89.8 166.8

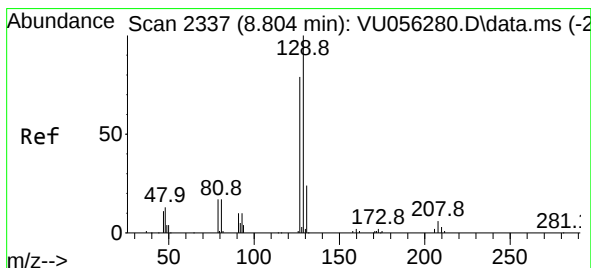
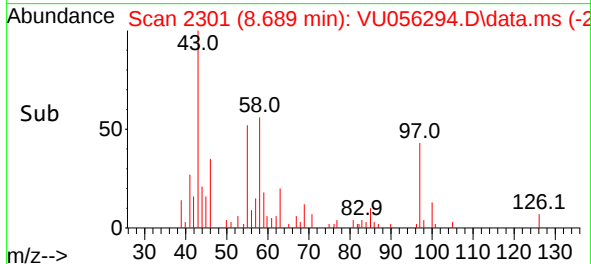
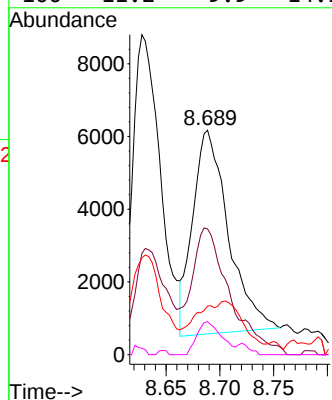
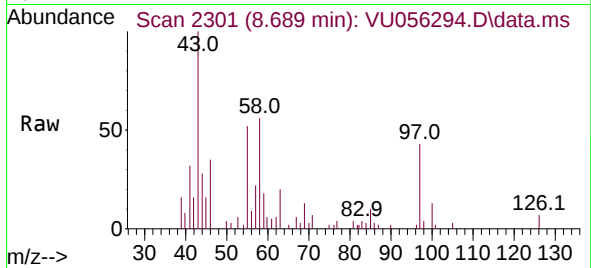




#48
2-Hexanone
Concen: 1.530 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

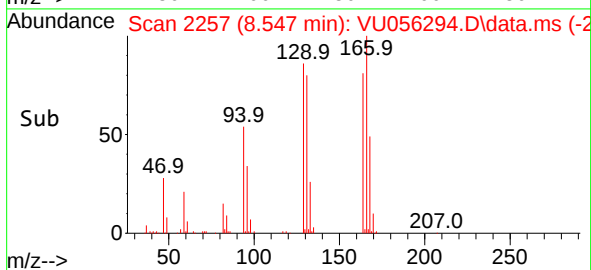
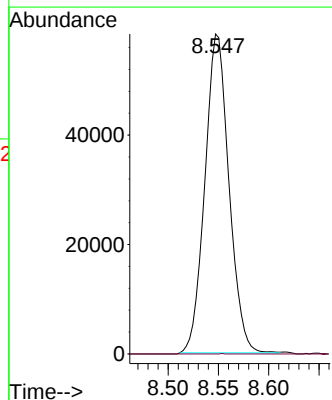
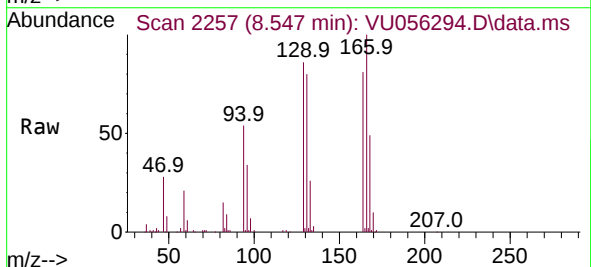
Instrument :
MSVOA_U
ClientSampleId :

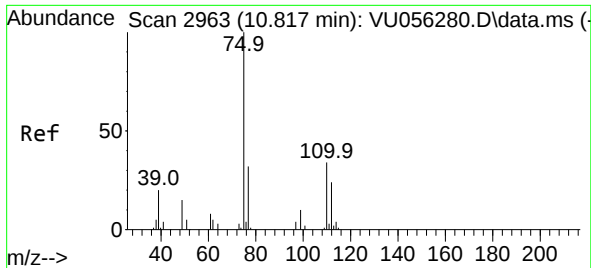
Tgt Ion:	43	Resp:	12906
Ion	Ratio	Lower	Upper
43	100		
58	67.1	48.7	73.1
57	0.0	16.8	25.2#
100	11.2	9.9	14.9



#49
Dibromochloromethane
Concen: 5.869 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056294.D
Acq: 14 Nov 2023 09:24

Tgt Ion:	129	Resp:	97075
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.9	98.3#





#61

1,2,3-Trichloropropane

Concen: 1.442 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

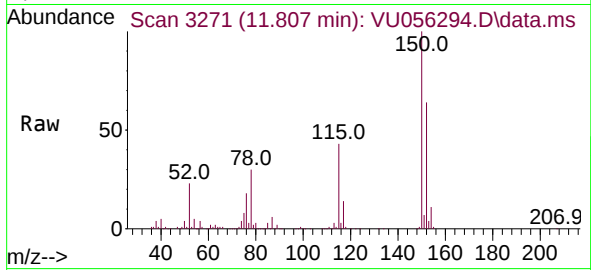
Lab File: VU056294.D

Acq: 14 Nov 2023 09:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 16373

Ion Ratio Lower Upper

75 100

110 2.3 30.4 45.6#

77 32.7 27.0 40.6

