

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052119.D
 Acq On : 24 Nov 2022 05:41
 Operator : JC/MD
 Sample : N5770-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 07:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

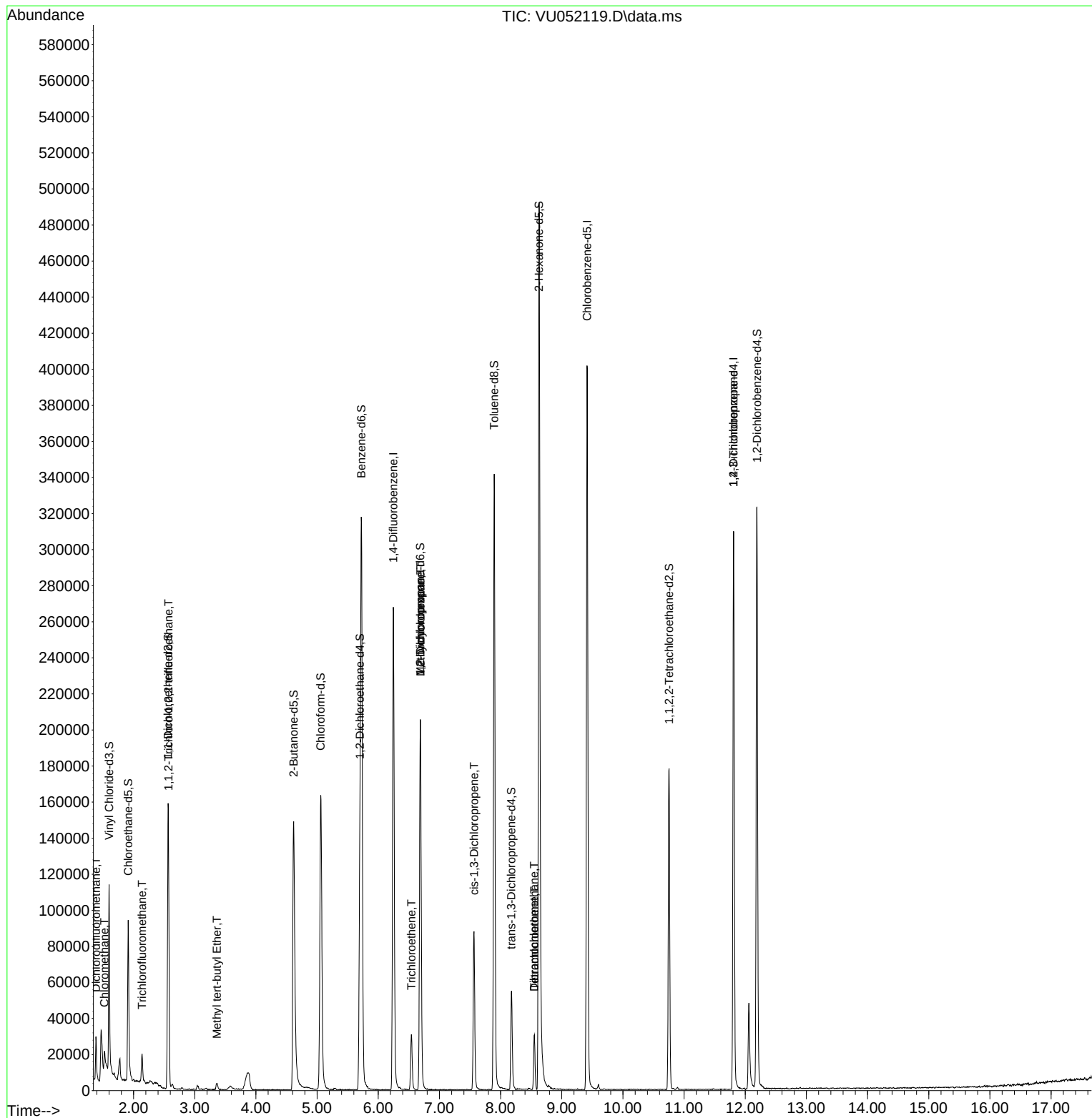
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	221913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76161	3.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.912	69	73965	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.565	65	29417	3.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.616	46	216664	55.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.060	84	158267	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.700	65	80923	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	308367	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	104885	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	236392	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	31918	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.629	63	167147	50.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92643	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	91194	5.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	15325	0.796	ug/L	99
3) Chloromethane	1.523	50	7732	0.308	ug/L	96
9) Trichlorofluoromethane	2.137	101	9903	0.373	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1019	0.063	ug/L #	20
17) Methyl tert-butyl Ether	3.362	73	3937	0.109	ug/L	100
34) Trichloroethene	6.542	95	10830	0.571	ug/L	96
35) Methylcyclohexane	6.690	83	24308	0.890	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10489	0.532	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2331	0.092	ug/L	86
47) Tetrachloroethene	8.552	164	7010	0.482	ug/L	96
49) Dibromochloromethane	8.549	129	7039	0.424	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10846	1.091	ug/L #	69

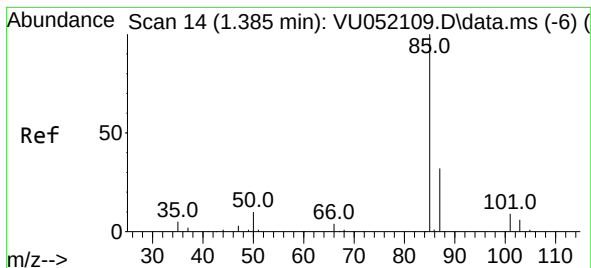
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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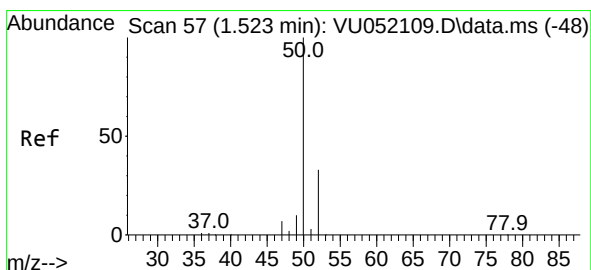
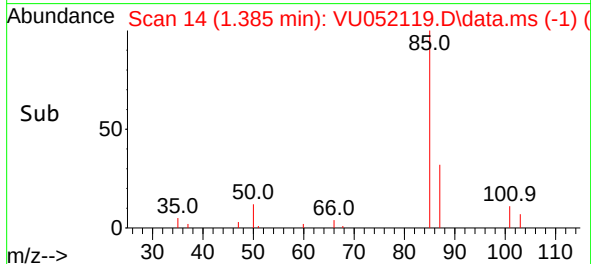
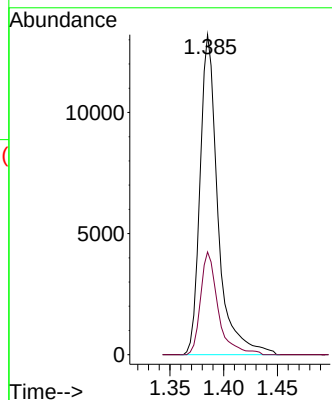
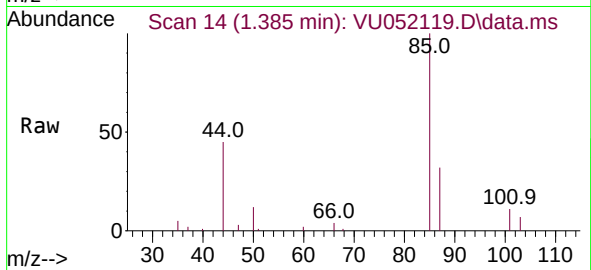




#2
Dichlorodifluoromethane
Concen: 0.796 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

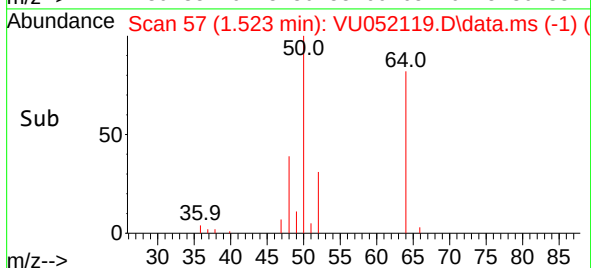
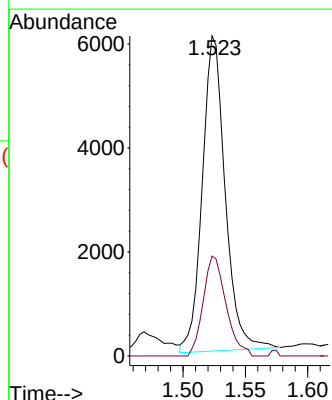
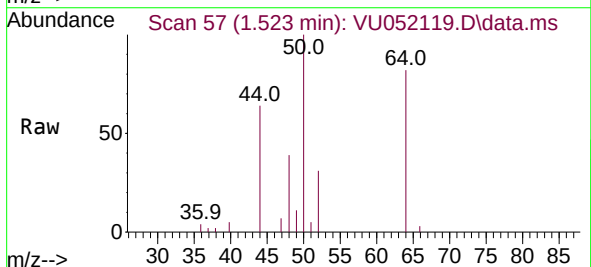
Instrument :
MSVOA_U
ClientSampleId :

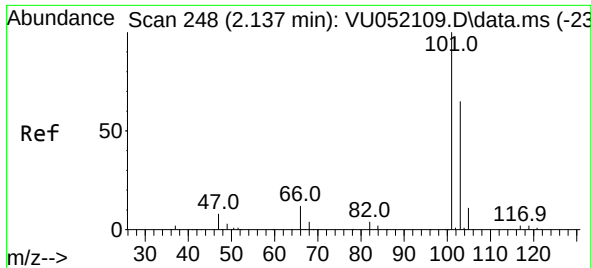
Tgt Ion: 85 Resp: 15325
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 0.308 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

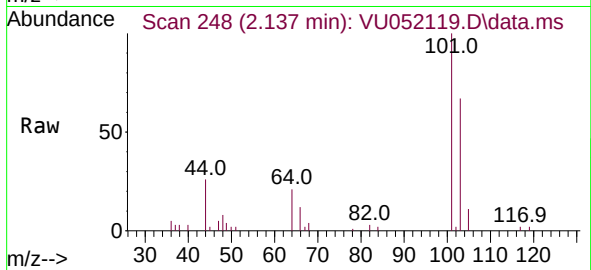
Tgt Ion: 50 Resp: 7732
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.4



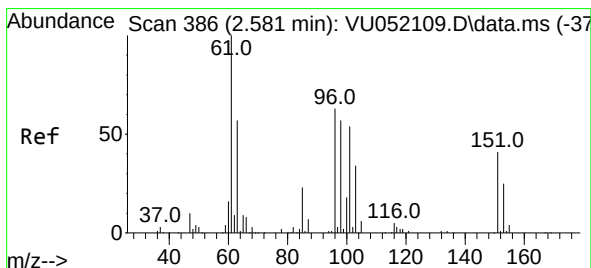
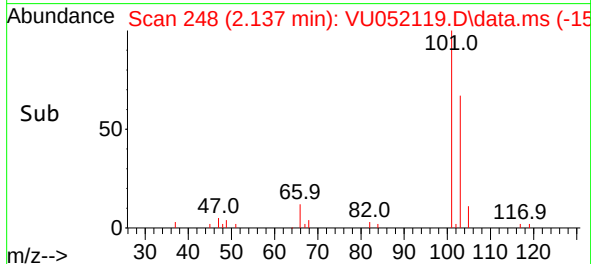
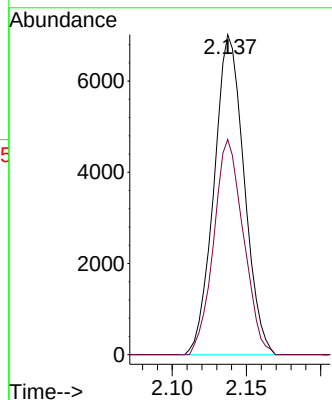


#9
 Trichlorofluoromethane
 Concen: 0.373 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU052119.D
 Acq: 24 Nov 2022 05:41

Instrument :
 MSVOA_U
 ClientSampleId :

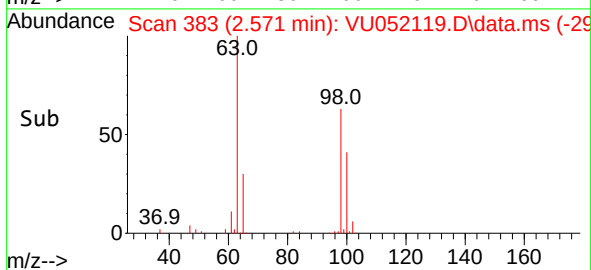
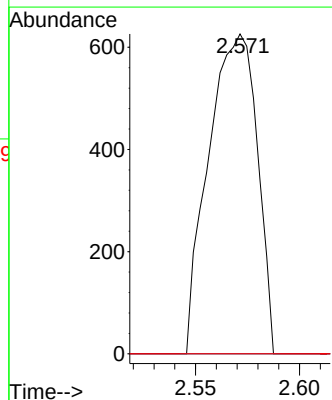
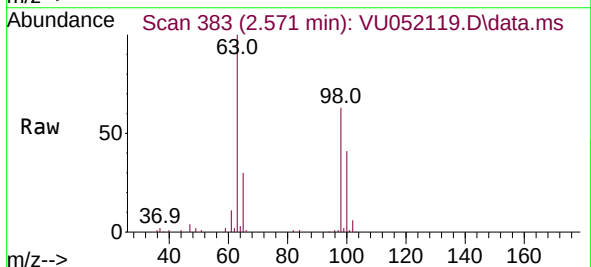


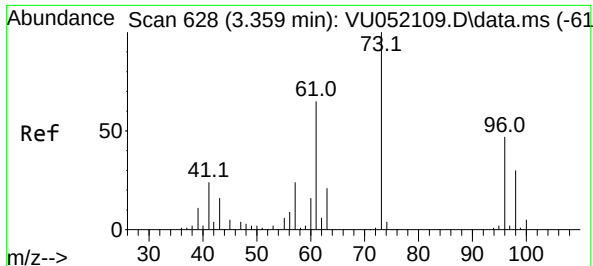
Tgt Ion:101 Resp: 9903
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU052119.D
 Acq: 24 Nov 2022 05:41

Tgt Ion:101 Resp: 1019
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#





#17

Methyl tert-butyl Ether

Concen: 0.109 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Instrument :

MSVOA_U

ClientSampleId :

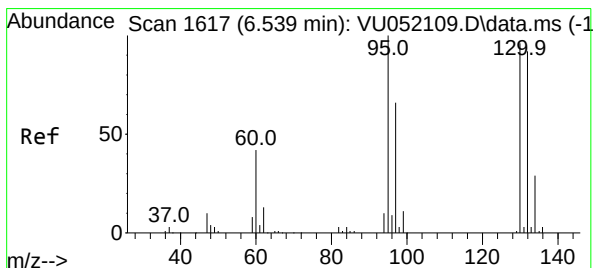
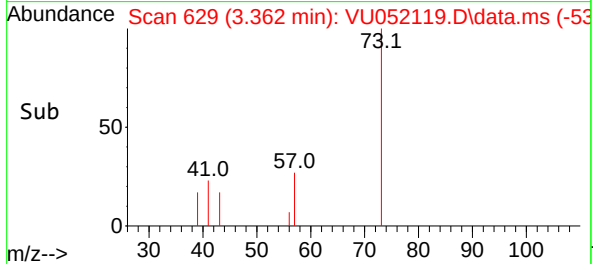
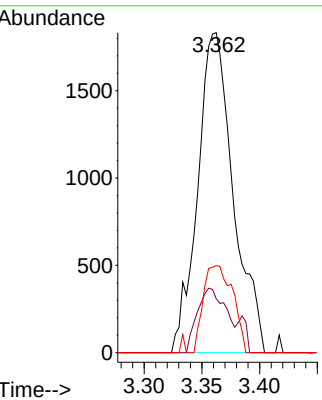
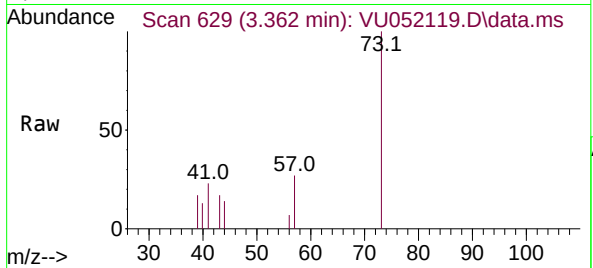
Tgt Ion: 73 Resp: 3937

Ion Ratio Lower Upper

73 100

43 16.3 13.2 19.8

57 22.5 17.8 26.8



#34

Trichloroethene

Concen: 0.571 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Tgt Ion: 95 Resp: 10830

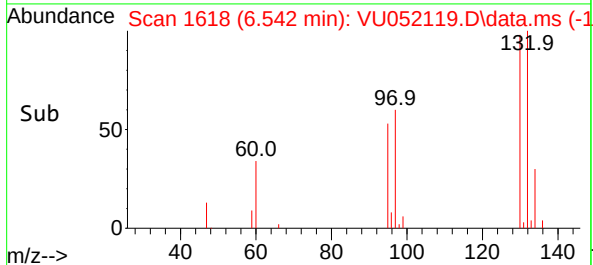
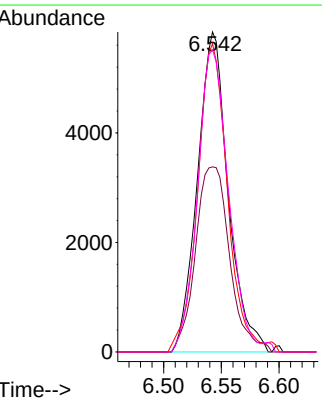
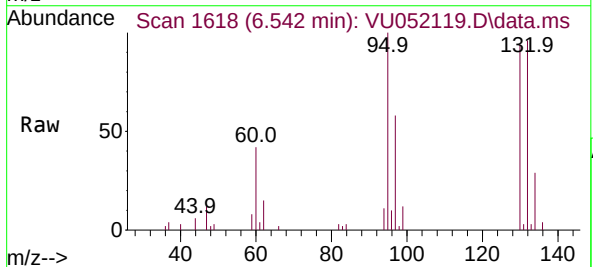
Ion Ratio Lower Upper

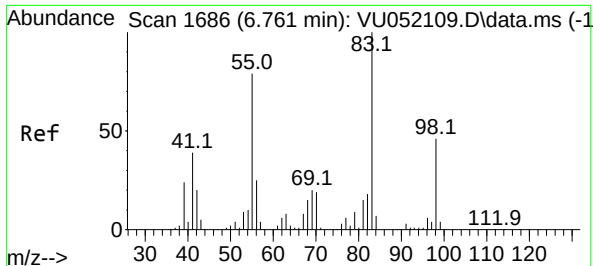
95 100

97 57.9 43.7 81.1

132 96.3 64.3 119.3

130 94.4 67.3 124.9

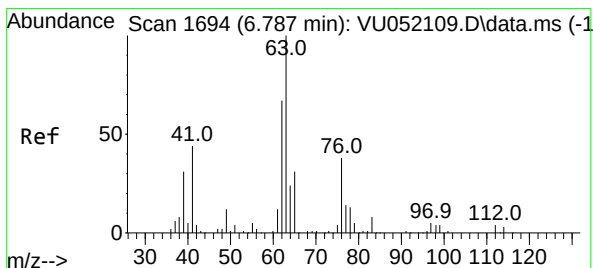
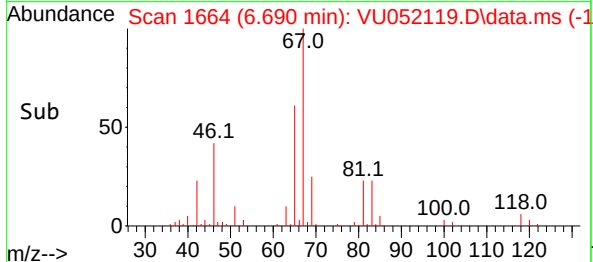
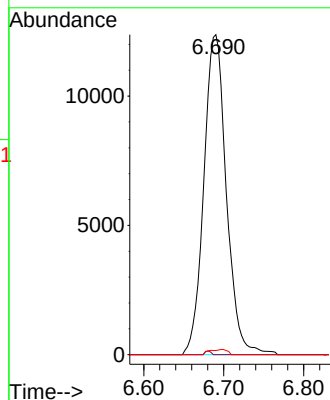
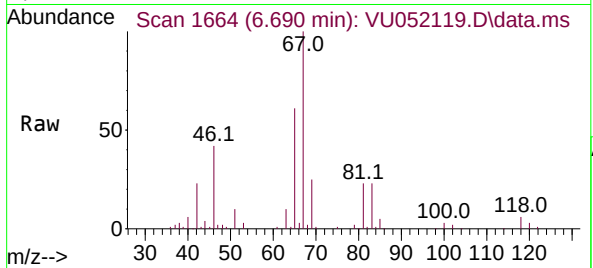




#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

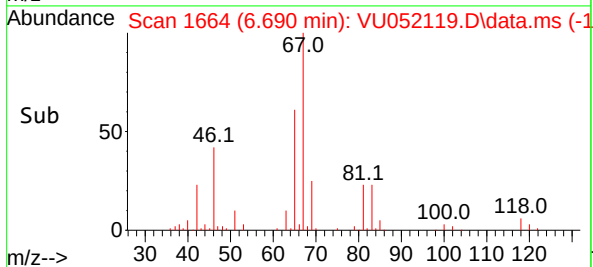
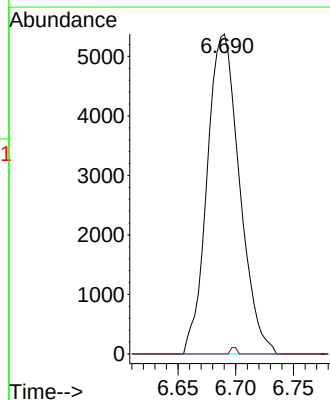
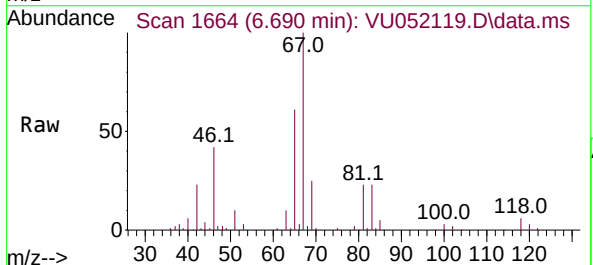
Instrument :
MSVOA_U
ClientSampleId :

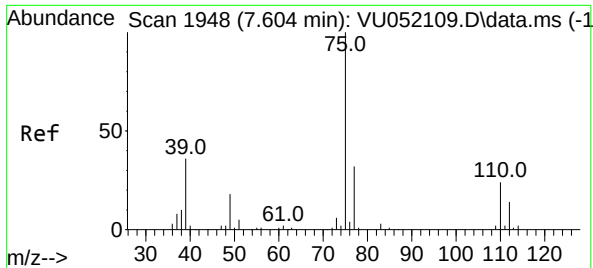
Tgt Ion: 83 Resp: 24308
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.3 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.097 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

Tgt Ion: 63 Resp: 10489
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.568 min Scan# 1948

Delta R.T. -0.036 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Instrument :

MSVOA_U

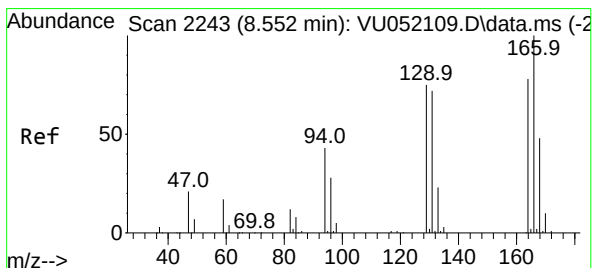
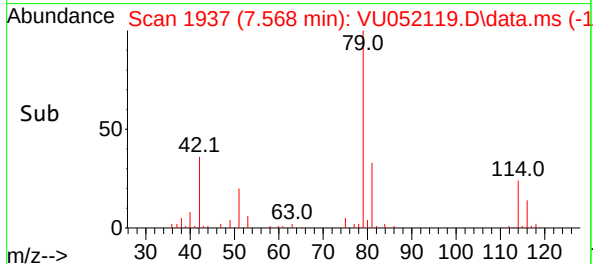
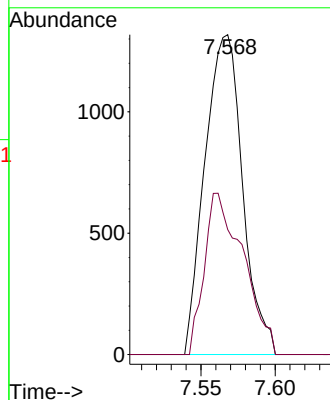
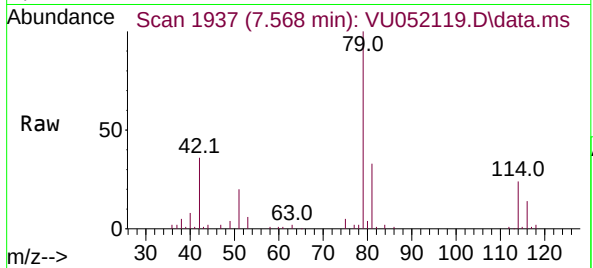
ClientSampleId :

Tgt Ion: 75 Resp: 2331

Ion Ratio Lower Upper

75 100

77 39.1 22.0 40.8



#47

Tetrachloroethene

Concen: 0.482 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Tgt Ion: 164 Resp: 7010

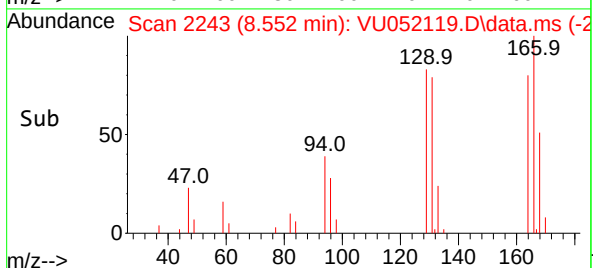
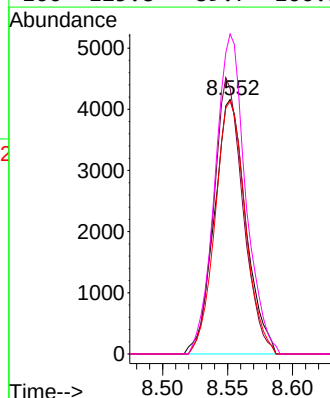
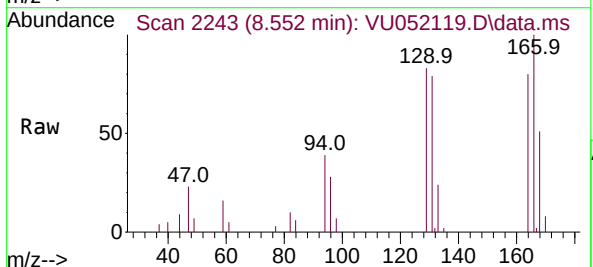
Ion Ratio Lower Upper

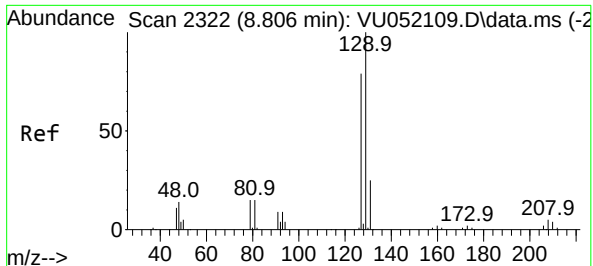
164 100

129 104.4 67.4 125.2

131 99.4 67.1 124.7

166 125.8 89.7 166.5





#49

Dibromochloromethane

Concen: 0.424 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Instrument :

MSVOA_U

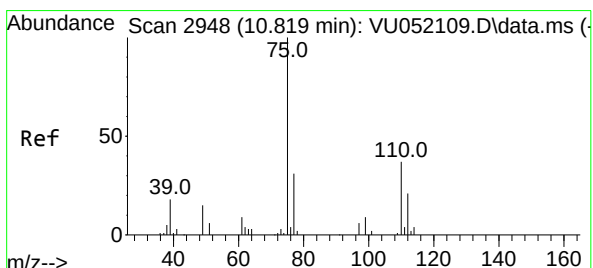
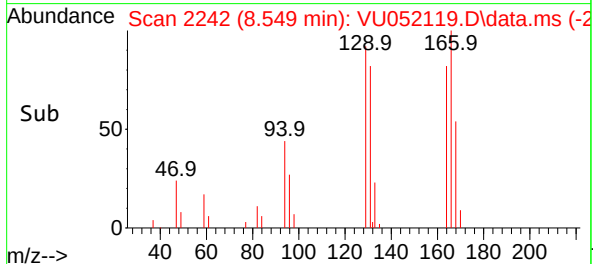
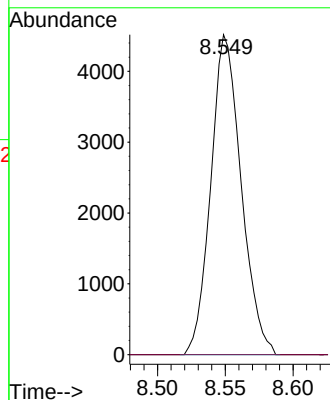
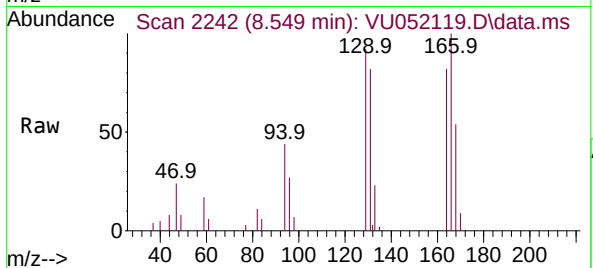
ClientSampleId :

Tgt Ion:129 Resp: 7039

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052119.D

Acq: 24 Nov 2022 05:41

Tgt Ion: 75 Resp: 10846

Ion Ratio Lower Upper

75 100

110 1.8 28.3 42.5#

77 31.6 26.2 39.2

