

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056411.D
 Acq On : 16 Nov 2023 16:44
 Operator : MD/SY
 Sample : 05371-03RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:39:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

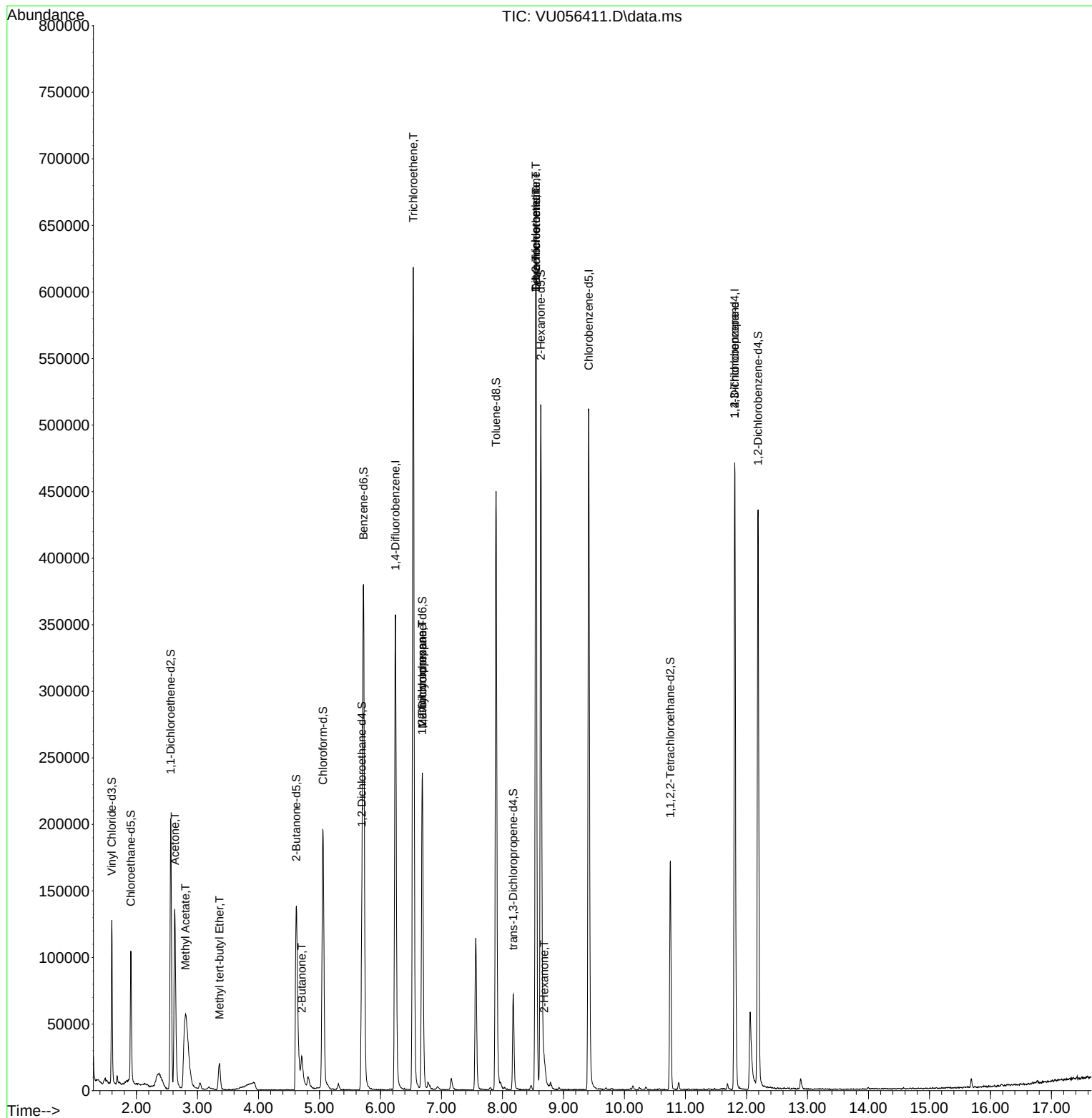
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289167	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	291099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85463	3.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.908	69	73240	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	39454	4.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.621	46	221821	51.433	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.860%
24) Chloroform-d	5.055	84	185672	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	94601	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	365797	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.686	67	116179	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.894	98	307686	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.177	79	41162	4.106	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.628	63	178727	45.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85010	4.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	114232	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	171428	46.670	ug/L	100
15) Methyl Acetate	2.801	43	17639	2.698	ug/L #	49
17) Methyl tert-butyl Ether	3.361	73	22396	0.521	ug/L #	94
21) 2-Butanone	4.711	43	33493	7.027	ug/L #	68
34) Trichloroethene	6.538	95	224070	9.901	ug/L	98
35) Methylcyclohexane	6.686	83	27765	0.850	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	13334	0.616	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	1477	0.102	ug/L #	21
47) Tetrachloroethene	8.550	164	143818	9.424	ug/L	99
48) 2-Hexanone	8.685	43	10303	1.232	ug/L #	91
49) Dibromochloromethane	8.547	129	146086	8.905	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15085	1.383	ug/L #	70

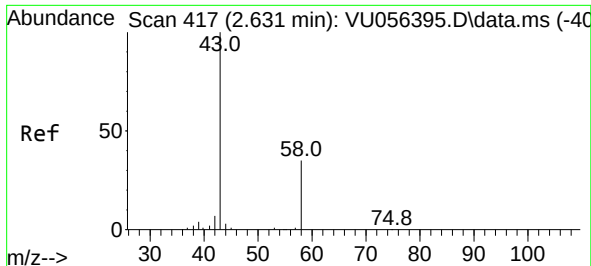
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 46.670 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Instrument :

MSVOA_U

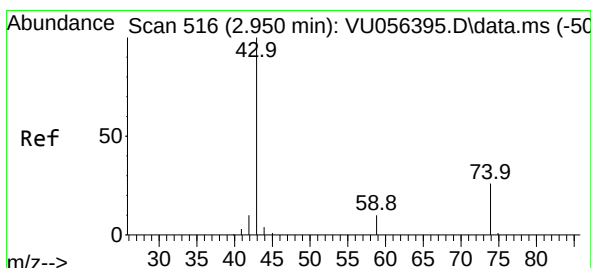
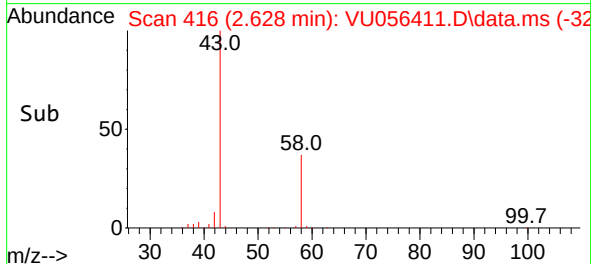
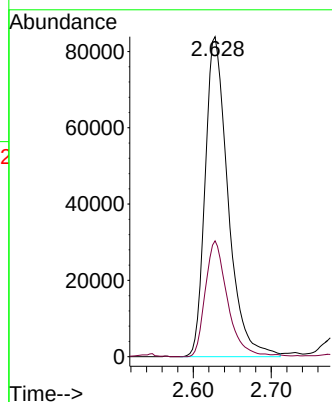
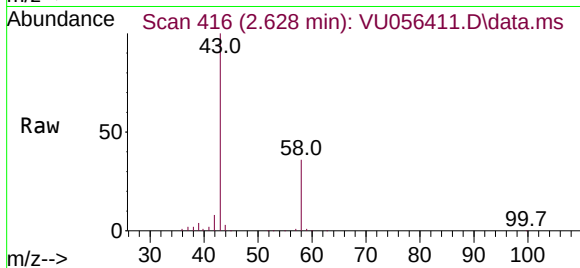
ClientSampleId :

Tgt Ion: 43 Resp: 171428

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.0



#15

Methyl Acetate

Concen: 2.698 ug/L

RT: 2.801 min Scan# 470

Delta R.T. -0.148 min

Lab File: VU056411.D

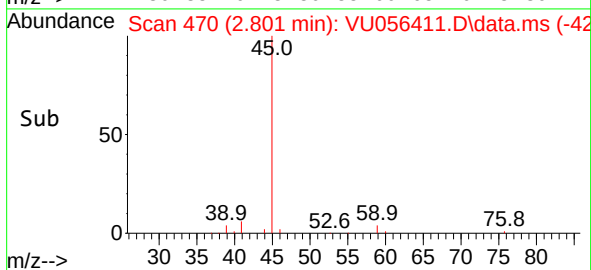
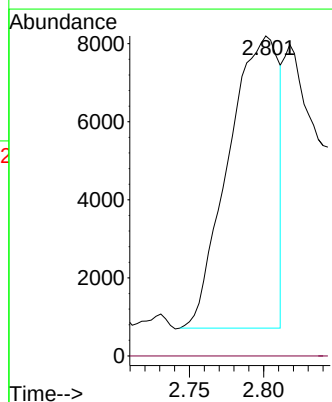
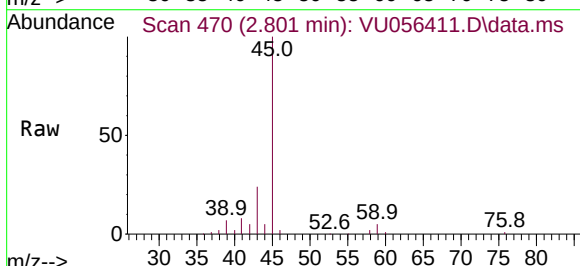
Acq: 16 Nov 2023 16:44

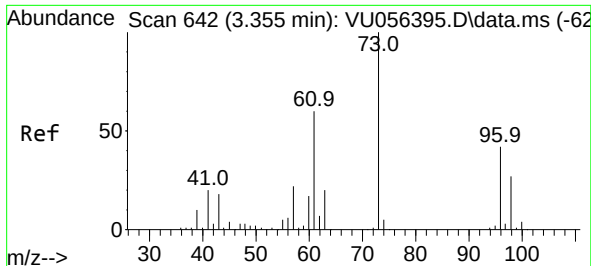
Tgt Ion: 43 Resp: 17639

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#





#17

Methyl tert-butyl Ether

Concen: 0.521 ug/L

RT: 3.361 min Scan# 64

Delta R.T. 0.006 min

Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :

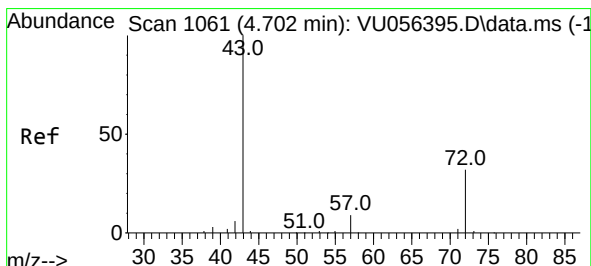
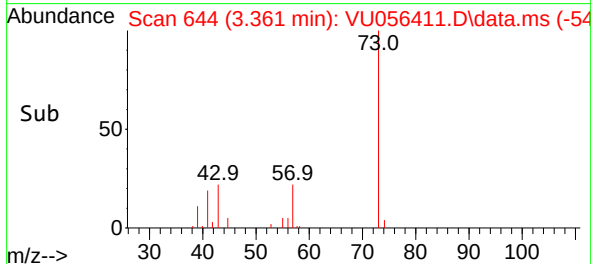
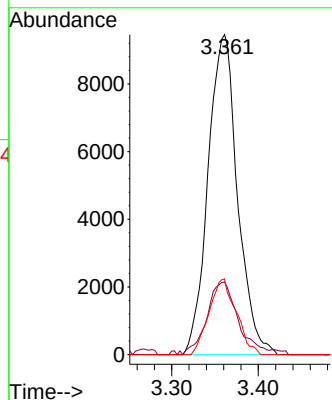
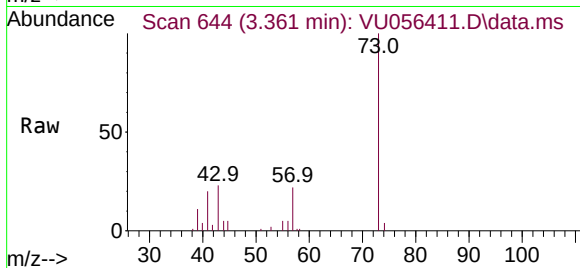
Tgt Ion: 73 Resp: 22396

Ion Ratio Lower Upper

73 100

43 24.0 15.1 22.7#

57 21.7 17.8 26.8



#21

2-Butanone

Concen: 7.027 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.009 min

Lab File: VU056411.D

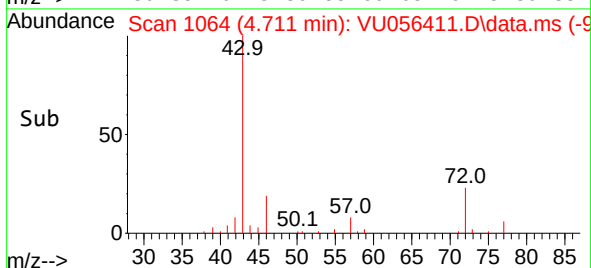
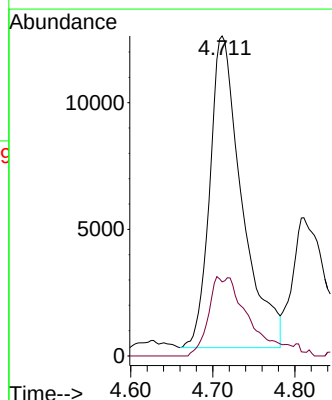
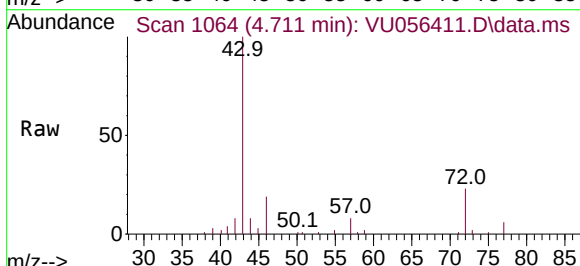
Acq: 16 Nov 2023 16:44

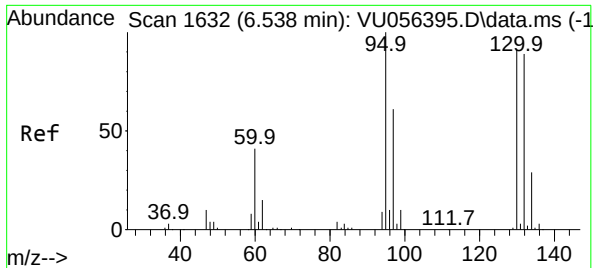
Tgt Ion: 43 Resp: 33493

Ion Ratio Lower Upper

43 100

72 11.4 14.2 42.6#

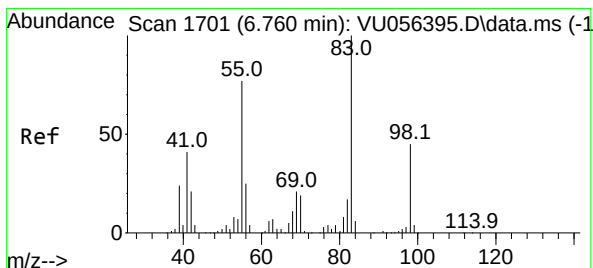
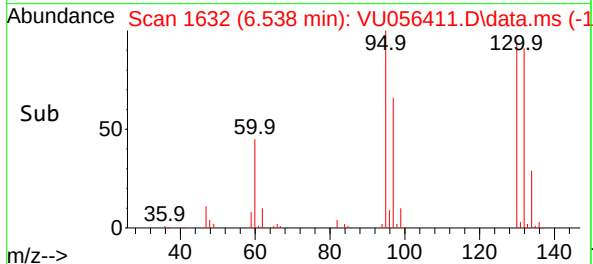
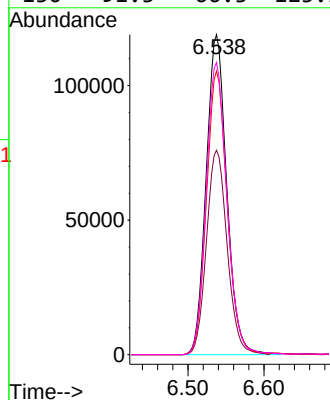
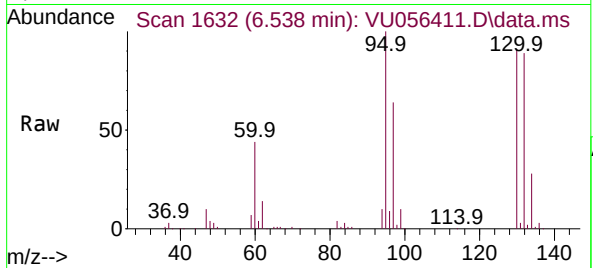




#34
Trichloroethene
Concen: 9.901 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056411.D
Acq: 16 Nov 2023 16:44

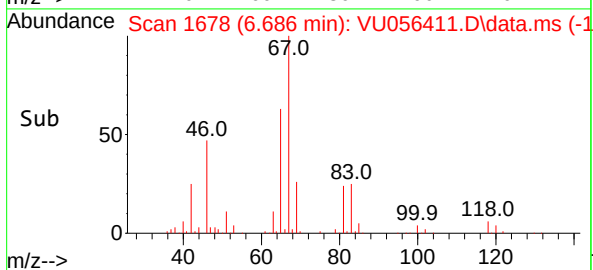
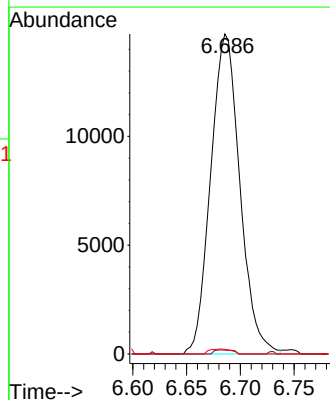
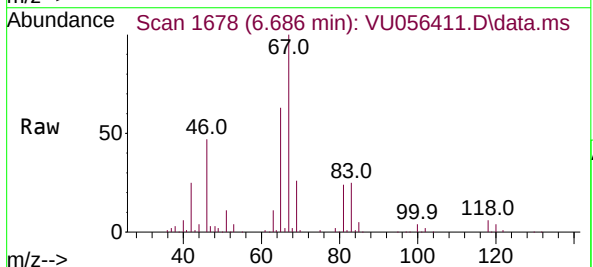
Instrument :
MSVOA_U
ClientSampleId :

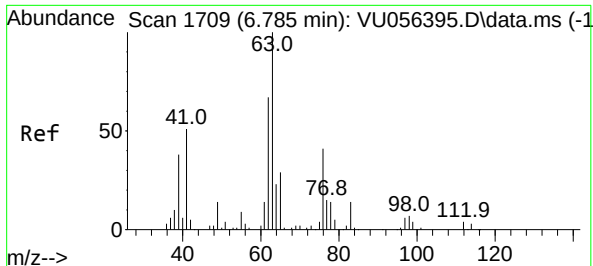
Tgt Ion: 95 Resp: 224070
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.3
132 88.6 62.0 115.2
130 91.3 66.3 123.1



#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056411.D
Acq: 16 Nov 2023 16:44

Tgt Ion: 83 Resp: 27765
Ion Ratio Lower Upper
83 100
55 0.8 62.9 94.3#
98 1.2 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Instrument :

MSVOA_U

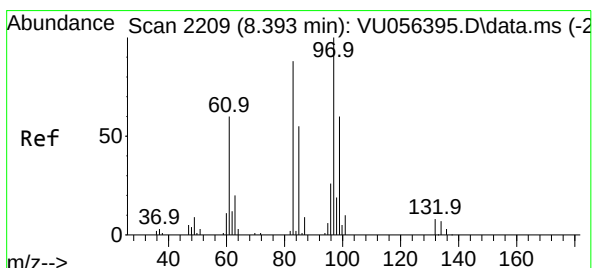
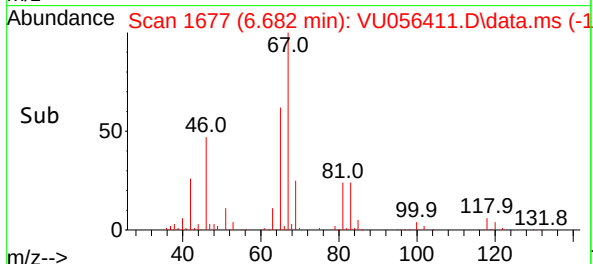
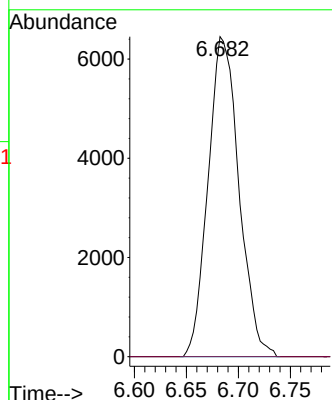
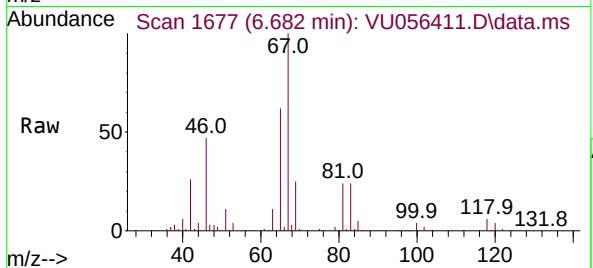
ClientSampleId :

Tgt Ion: 63 Resp: 13334

Ion Ratio Lower Upper

63 100

112 0.1 3.2 4.8#



#45

1,1,2-Trichloroethane

Concen: 0.102 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Tgt Ion: 97 Resp: 1477

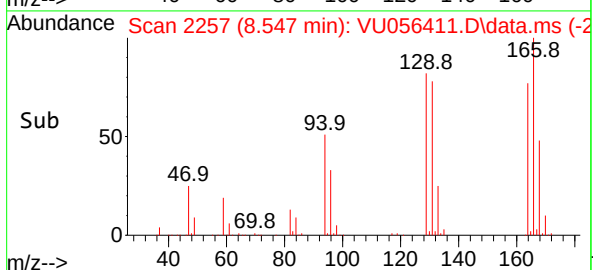
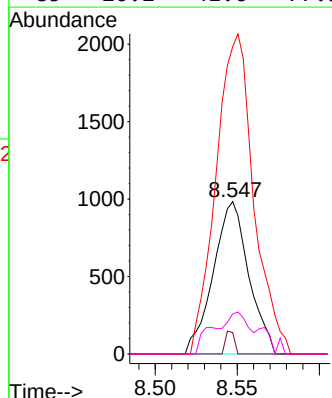
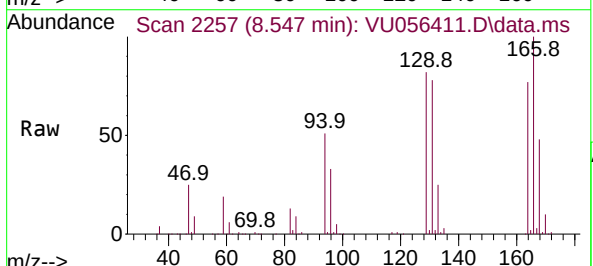
Ion Ratio Lower Upper

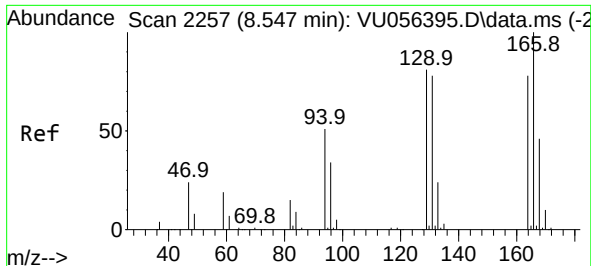
97 100

99 14.0 44.3 82.3#

83 201.7 65.4 121.4#

85 26.2 41.6 77.3#





#47

Tetrachloroethene

Concen: 9.424 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

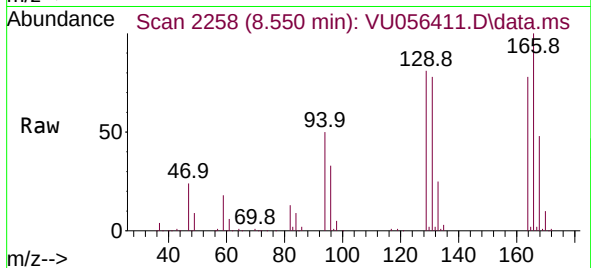
Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 143818

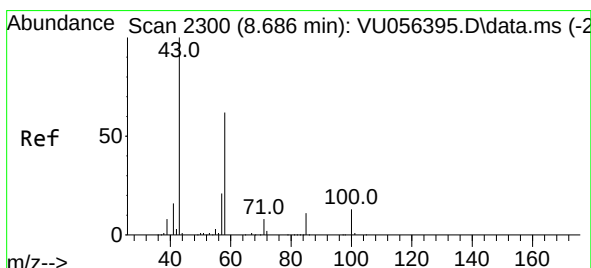
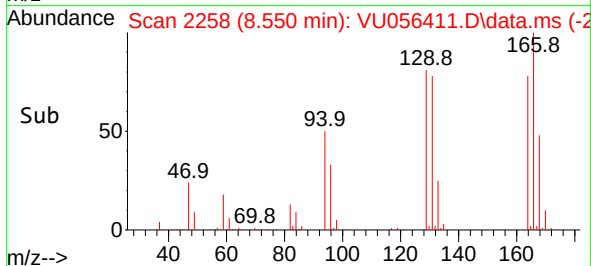
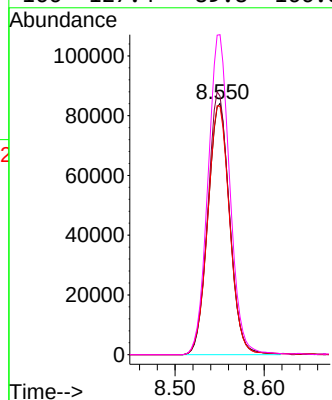
Ion Ratio Lower Upper

164 100

129 103.0 71.0 131.9

131 98.9 70.3 130.7

166 127.4 89.8 166.8



#48

2-Hexanone

Concen: 1.232 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VU056411.D

Acq: 16 Nov 2023 16:44

Tgt Ion: 43 Resp: 10303

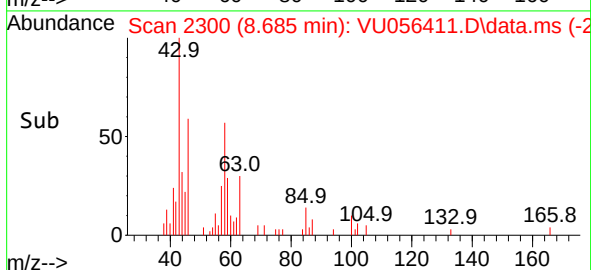
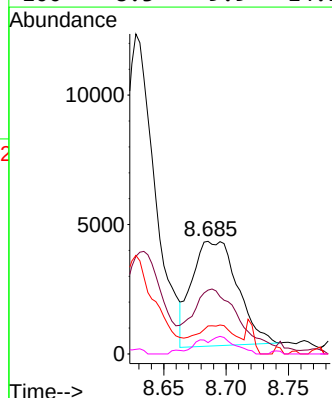
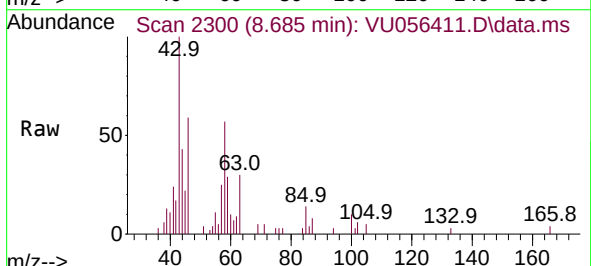
Ion Ratio Lower Upper

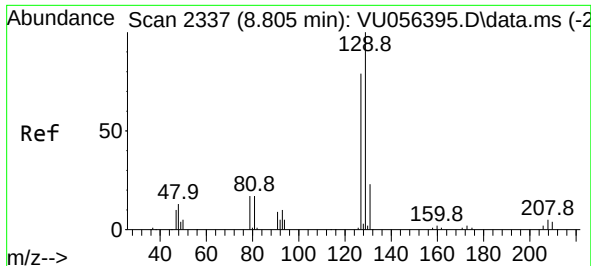
43 100

58 53.6 48.7 73.1

57 23.1 16.8 25.2

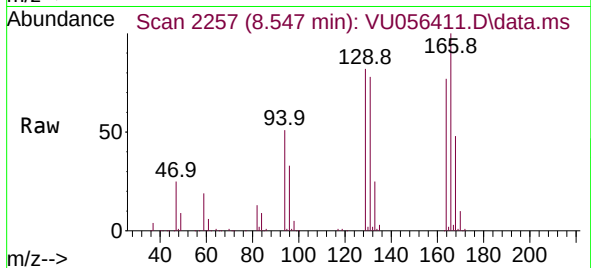
100 8.3 9.9 14.9#



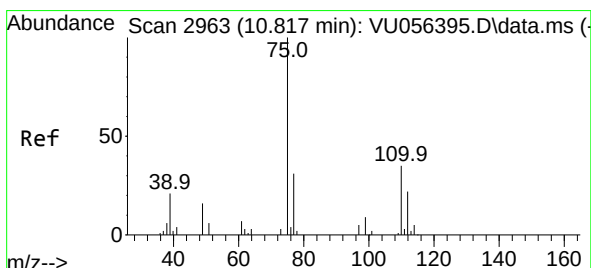
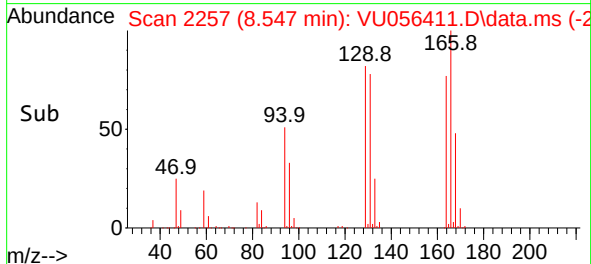
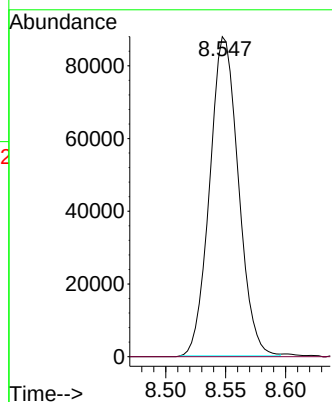


#49
Dibromochloromethane
Concen: 8.905 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056411.D
Acq: 16 Nov 2023 16:44

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Tgt Ion:129 Resp: 146086
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056411.D
Acq: 16 Nov 2023 16:44

Tgt Ion: 75 Resp: 15085
Ion Ratio Lower Upper
75 100
110 3.9 30.4 45.6#
77 34.1 27.0 40.6

