

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053207.D
 Acq On : 15 Mar 2023 17:50
 Operator : JC/MD
 Sample : 01929-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE5

Quant Time: Mar 16 04:03:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

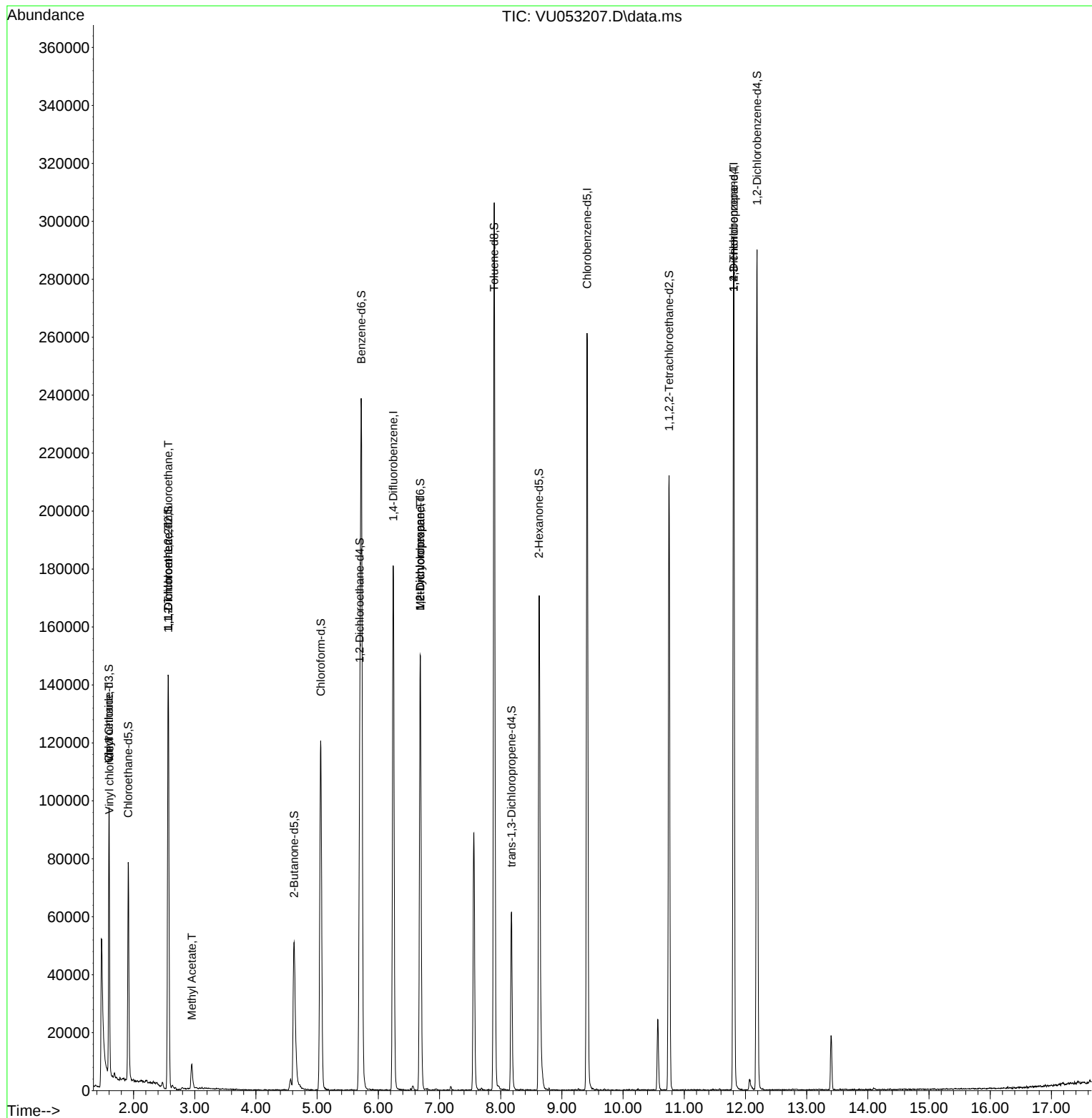
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	145219	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	143356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	73689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	63755	47.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.913	69	53961	49.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.580%
11) 1,1-Dichloroethene-d2	2.566	63	84113	36.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.480%
21) 2-Butanone-d5	4.623	46	82442	132.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.680%#
24) Chloroform-d	5.057	84	107891	48.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.780%
26) 1,2-Dichloroethane-d4	5.697	65	69553	50.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.500%
32) Benzene-d6	5.723	84	228347	49.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
36) 1,2-Dichloropropane-d6	6.684	67	75196	50.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.220%
41) Toluene-d8	7.893	98	207248	47.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
43) trans-1,3-Dichloroprop...	8.176	79	35955	48.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.120%
47) 2-Hexanone-d5	8.626	63	63294	134.905	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.900%#
56) 1,1,2,2-Tetrachloroeth...	10.752	84	107367	55.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.460%
66) 1,2-Dichlorobenzene-d4	12.189	152	72197	50.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	1797	1.176	ug/L #	1
8) Chloroethane	1.598	64	1734	1.921	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	778	0.675	ug/L #	22
12) 1,1-Dichloroethene	2.566	96	586	0.549	ug/L #	1
15) Methyl Acetate	2.951	43	11267	11.615	ug/L	97
35) Methylcyclohexane	6.684	83	16514	7.270	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	7586	5.471	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	10532	7.193	ug/L #	68

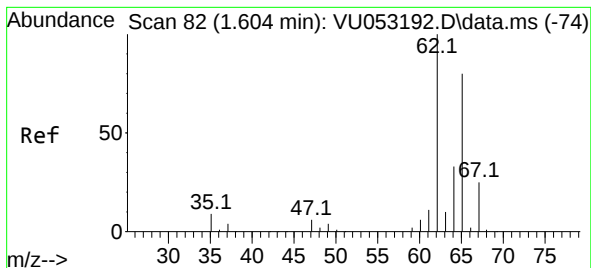
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 16 03:54:54 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.176 ug/L

RT: 1.604 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU053207.D

Acq: 15 Mar 2023 17:50

Instrument :

MSVOA_U

ClientSampleId :

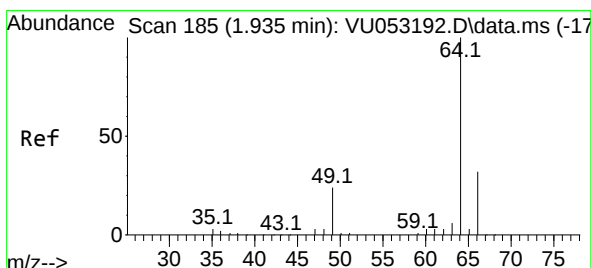
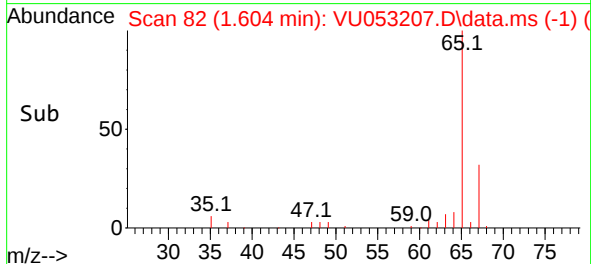
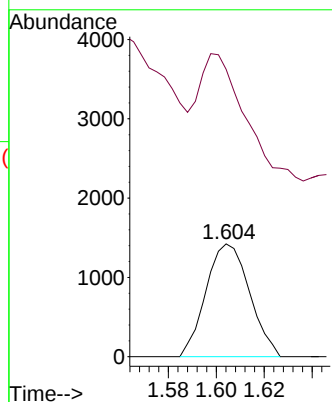
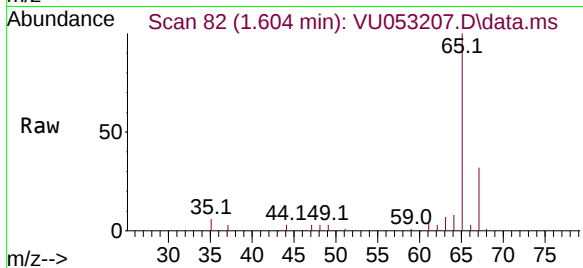
EYFE5

Tgt Ion: 62 Resp: 1797

Ion Ratio Lower Upper

62 100

64 254.7 23.2 43.0#



#8

Chloroethane

Concen: 1.921 ug/L

RT: 1.598 min Scan# 80

Delta R.T. -0.337 min

Lab File: VU053207.D

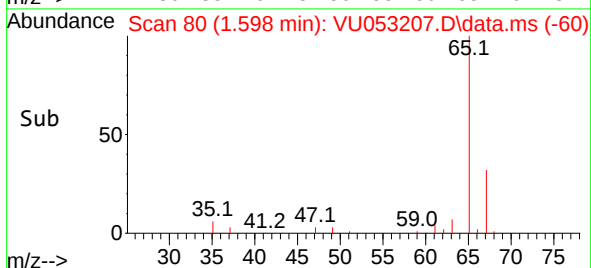
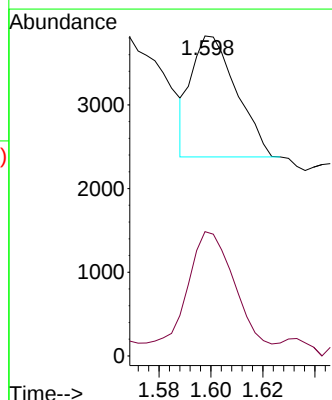
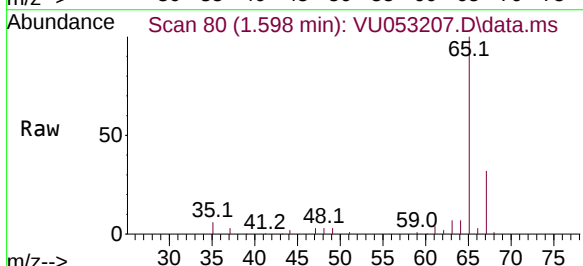
Acq: 15 Mar 2023 17:50

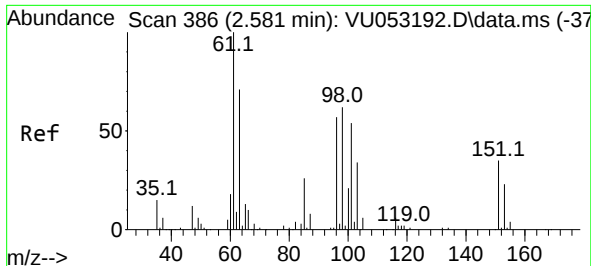
Tgt Ion: 64 Resp: 1734

Ion Ratio Lower Upper

64 100

66 38.9 22.6 42.0

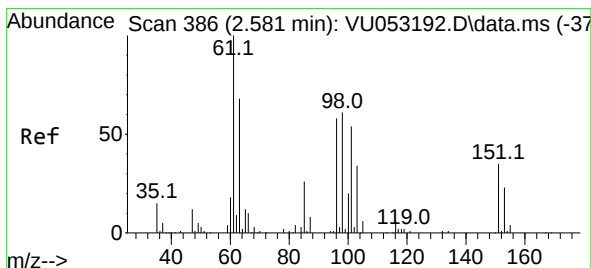
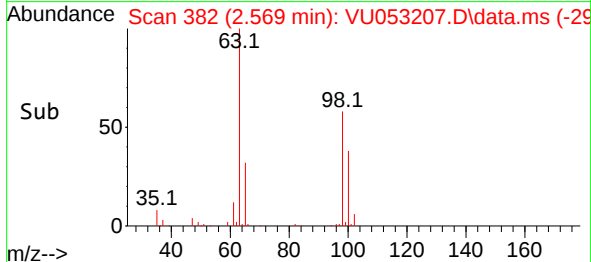
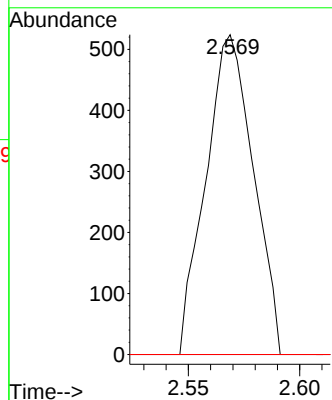
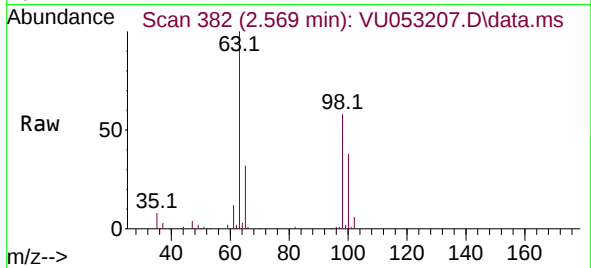




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.675 ug/L
 RT: 2.569 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: VU053207.D
 Acq: 15 Mar 2023 17:50

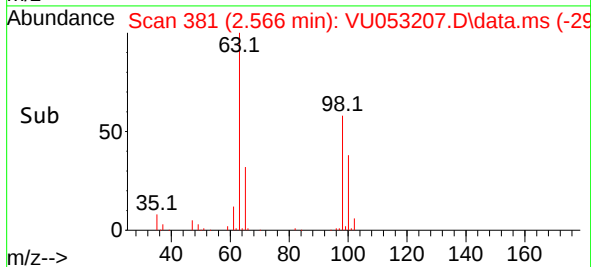
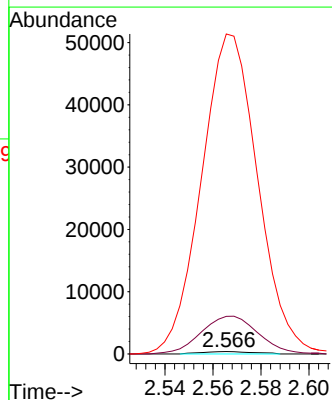
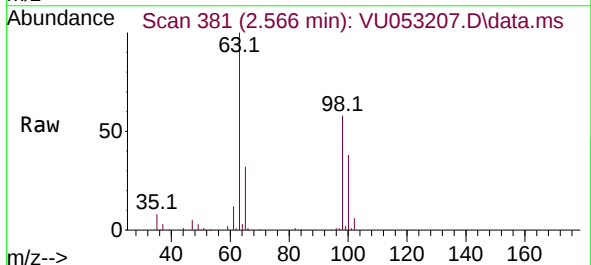
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE5

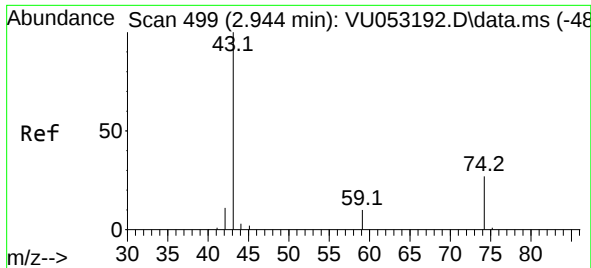
Tgt Ion:101 Resp: 778
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.0 55.6#
 151 0.0 52.9 79.3#



#12
 1,1-Dichloroethene
 Concen: 0.549 ug/L
 RT: 2.566 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU053207.D
 Acq: 15 Mar 2023 17:50

Tgt Ion: 96 Resp: 586
 Ion Ratio Lower Upper
 96 100
 61 1546.9 122.2 226.9#
 63 13175.4 89.9 166.9#





#15

Methyl Acetate

Concen: 11.615 ug/L

RT: 2.951 min Scan# 501

Delta R.T. 0.007 min

Lab File: VU053207.D

Acq: 15 Mar 2023 17:50

Instrument :

MSVOA_U

ClientSampleId :

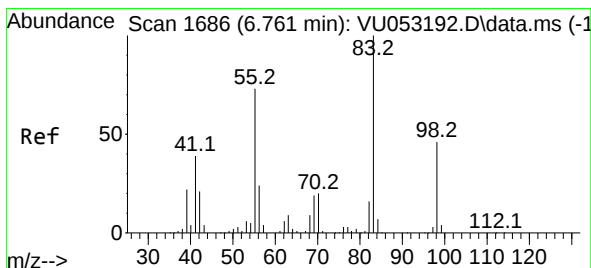
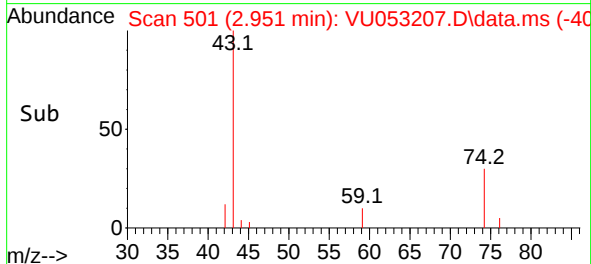
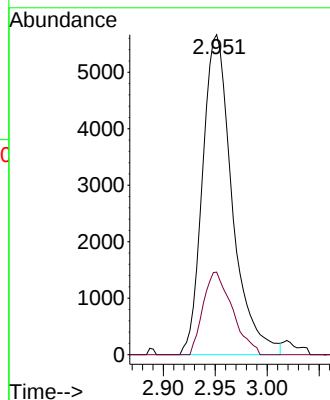
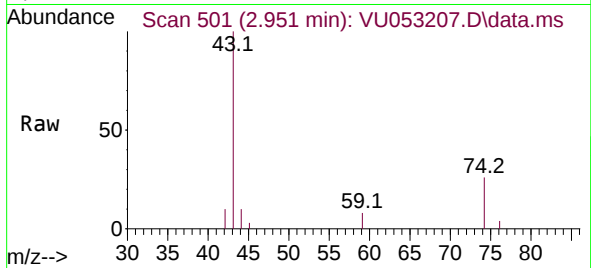
EYFE5

Tgt Ion: 43 Resp: 11267

Ion Ratio Lower Upper

43 100

74 25.3 21.4 32.0



#35

Methylcyclohexane

Concen: 7.270 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

Lab File: VU053207.D

Acq: 15 Mar 2023 17:50

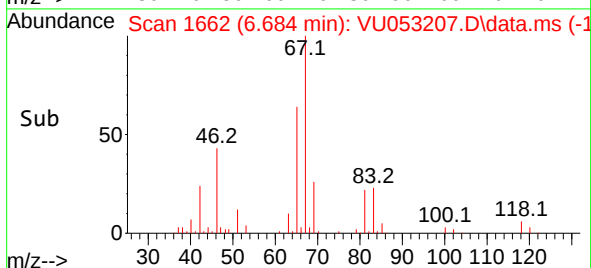
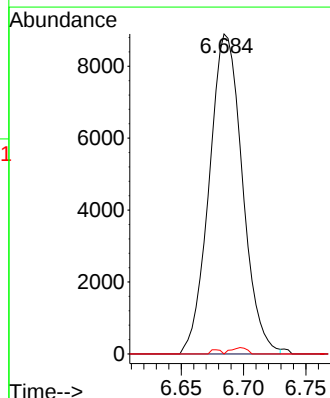
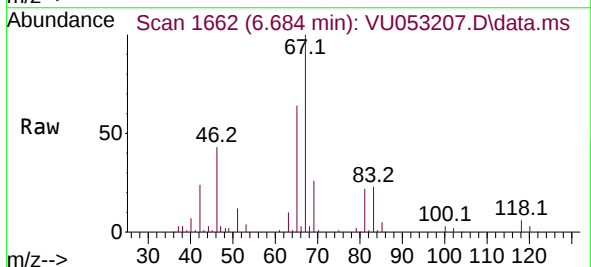
Tgt Ion: 83 Resp: 16514

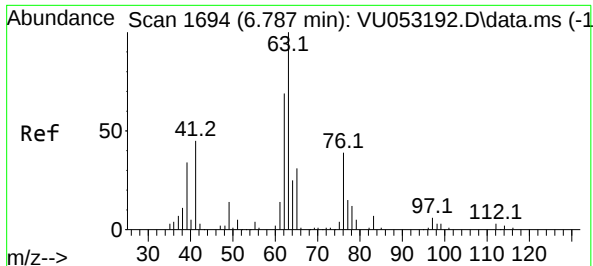
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.4 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.471 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.102 min

Lab File: VU053207.D

Acq: 15 Mar 2023 17:50

Instrument :

MSVOA_U

ClientSampleId :

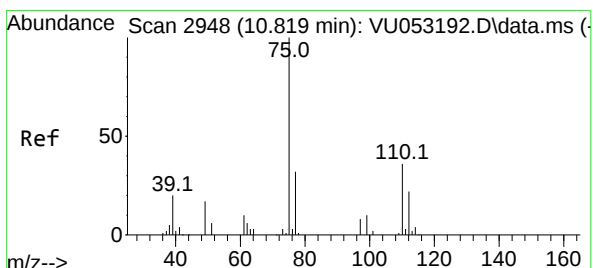
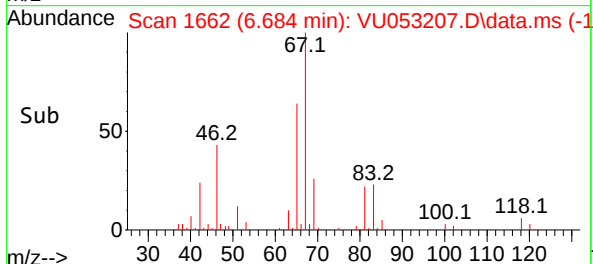
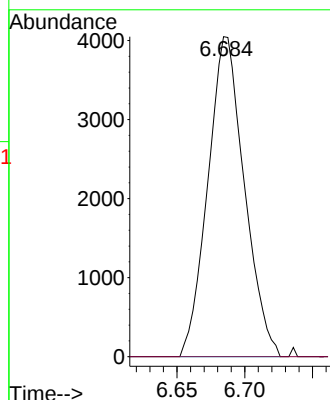
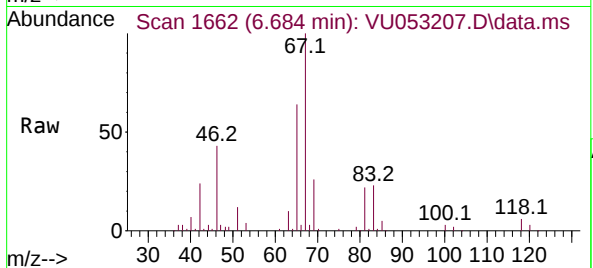
EYFE5

Tgt Ion: 63 Resp: 7586

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 7.193 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.988 min

Lab File: VU053207.D

Acq: 15 Mar 2023 17:50

Tgt Ion: 75 Resp: 10532

Ion Ratio Lower Upper

75 100

77 30.3 26.6 40.0

110 2.2 28.6 42.8#

