

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053204.D
 Acq On : 15 Mar 2023 16:40
 Operator : JC/MD
 Sample : 01929-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

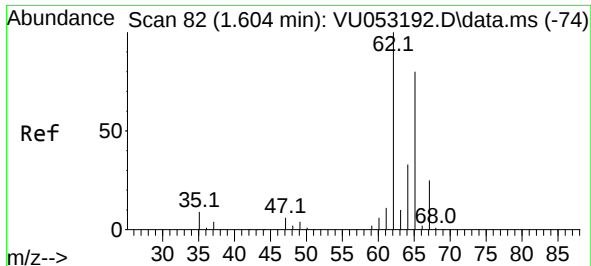
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD2

Quant Time: Mar 16 04:02:40 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	6.243	114	138499	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130998	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65840	51.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.060%
7) Chloroethane-d5	1.916	69	50707	49.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	2.568	63	83795	37.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.720%
21) 2-Butanone-d5	4.623	46	63143	106.549	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.550%
24) Chloroform-d	5.057	84	105476	50.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	5.697	65	67247	51.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
32) Benzene-d6	5.722	84	223450	52.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.180%
36) 1,2-Dichloropropane-d6	6.684	67	72842	53.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.240%
41) Toluene-d8	7.893	98	201803	51.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.020%
43) trans-1,3-Dichloroprop...	8.176	79	34640	51.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.400%
47) 2-Hexanone-d5	8.629	63	49314	115.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94699	53.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.620%
66) 1,2-Dichlorobenzene-d4	12.188	152	68287	53.793	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.580%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	363308	249.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	743	0.676	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	566	0.556	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	36547	30.150	ug/L	97
37) 1,2-Dichloropropane	6.687	63	7615	6.010	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	9732	7.470	ug/L #	70

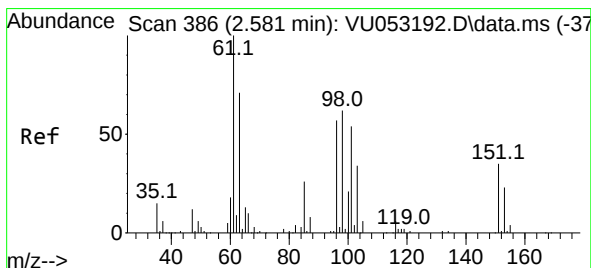
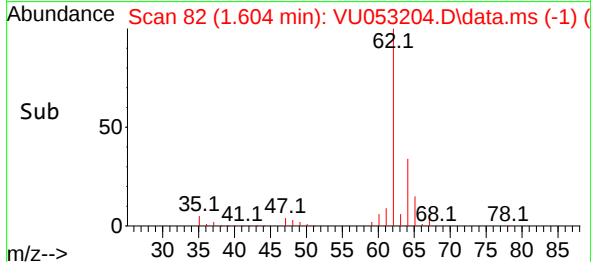
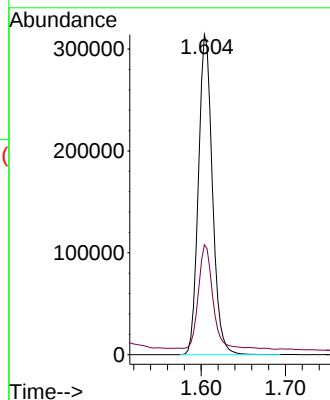
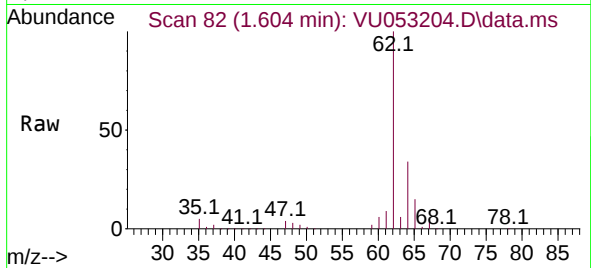
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 249.319 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053204.D
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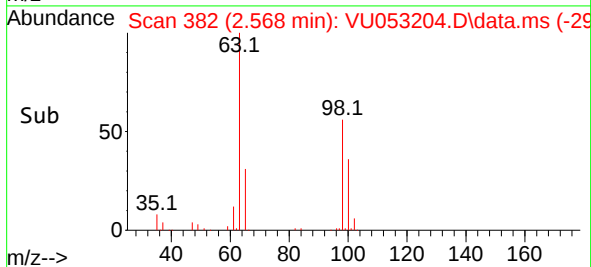
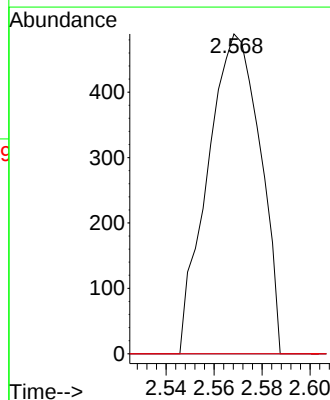
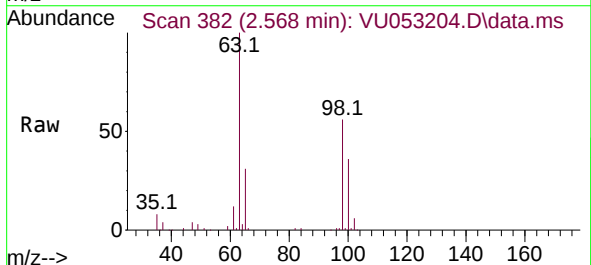
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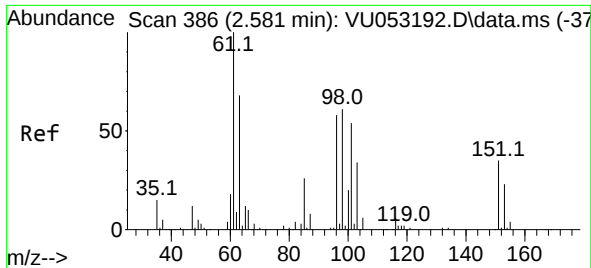
Tgt Ion: 62 Resp: 363308
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.676 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU053204.D
 Acq: 15 Mar 2023 16:40

Tgt Ion: 101 Resp: 743
 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: 0.556 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU053204.D

Acq: 15 Mar 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

EYFD2

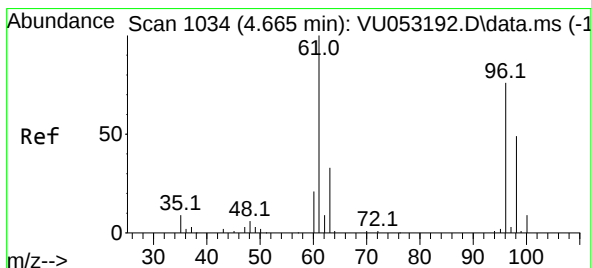
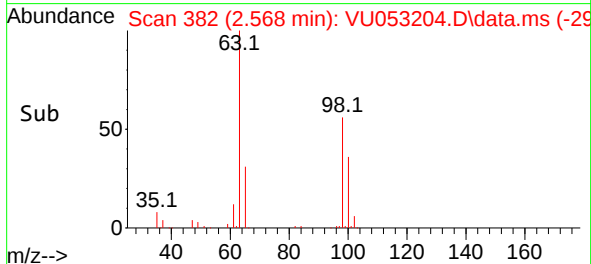
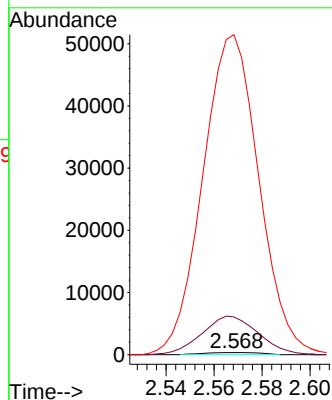
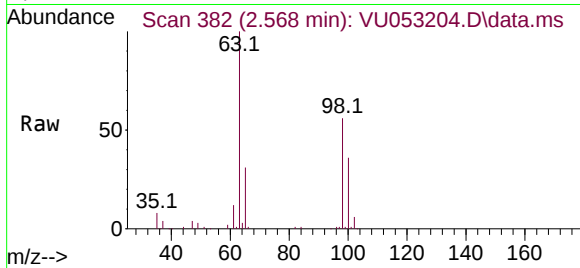
Tgt Ion: 96 Resp: 566

Ion Ratio Lower Upper

96 100

61 1768.6 122.2 226.9#

63 14960.5 89.9 166.9#



#20

cis-1,2-Dichloroethene

Concen: 30.150 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU053204.D

Acq: 15 Mar 2023 16:40

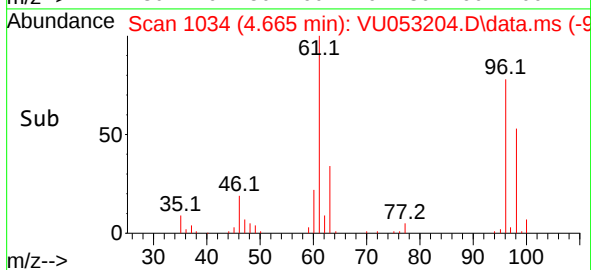
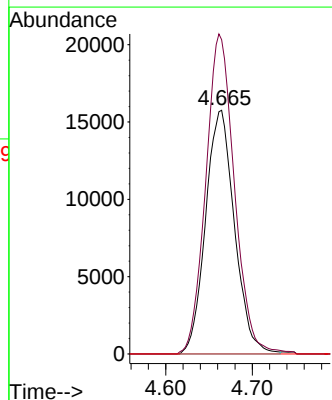
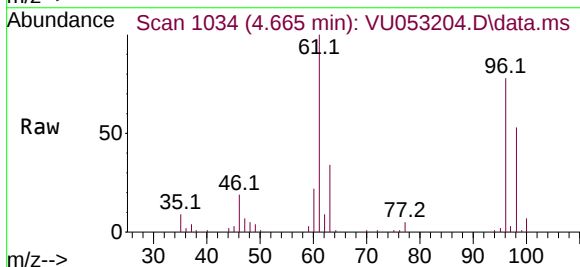
Tgt Ion: 96 Resp: 36547

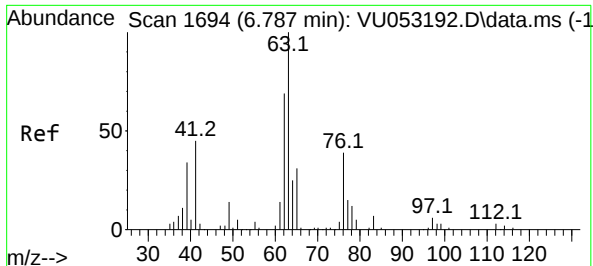
Ion Ratio Lower Upper

96 100

61 129.0 92.5 171.7

68 0.0 0.0 0.0

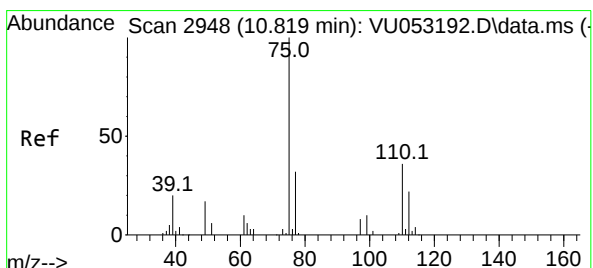
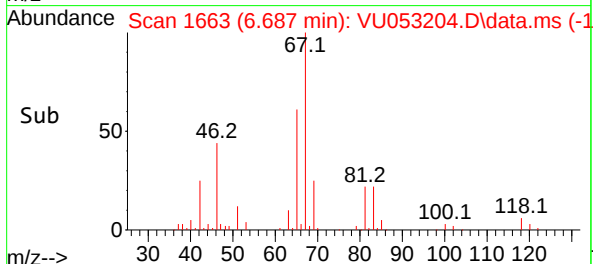
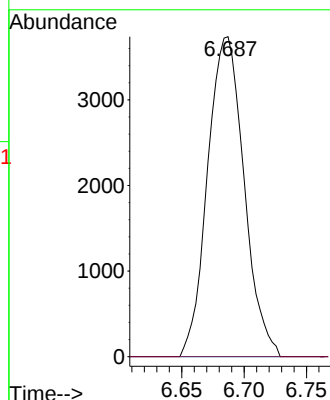
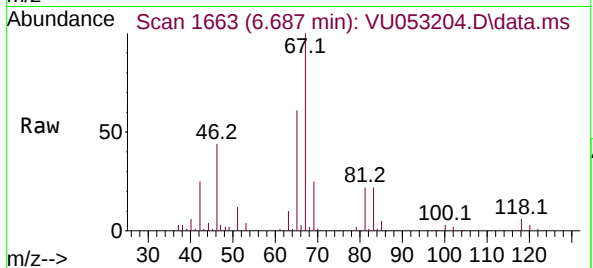




#37
1,2-Dichloropropane
Concen: 6.010 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053204.D
Acq: 15 Mar 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
EYFD2

Tgt Ion: 63 Resp: 7615
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 7.470 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053204.D
Acq: 15 Mar 2023 16:40

Tgt Ion: 75 Resp: 9732
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0
110 2.6 28.6 42.8#

