

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027343.D
 Acq On : 12 Aug 2022 22:05
 Operator : SY/MD
 Sample : N4133-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

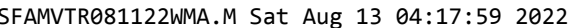
Quant Time: Aug 13 04:17:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

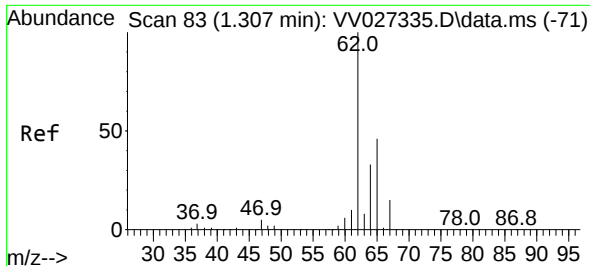
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	144730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52260	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.561	69	37926	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.243	63	5754	0.252	ug/L	0.14
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5.000%#
20) 2-Butanone-d5	3.880	46	128600	60.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.780%
24) Chloroform-d	4.343	84	100903	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.031	65	50747	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	178169	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.066	67	61150	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.314	98	142941	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.625	79	19069	3.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	85942	44.070	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47821	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	55838	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	508438	31.685	ug/L	97
6) Bromomethane	1.516	94	405	0.054	ug/L	91
8) Chloroethane	1.307	64	160065	17.941	ug/L #	44
13) Acetone	2.166	43	38217	24.285	ug/L	98
14) Carbon disulfide	2.288	76	4757	0.114	ug/L #	91
15) Methyl Acetate	2.166	43	36296	9.473	ug/L #	48
18) trans-1,2-Dichloroethene	2.754	96	35481	2.768	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	23649	1.876	ug/L	96
25) Chloroform	4.368	83	3827	0.152	ug/L	96
33) Benzene	5.098	78	9678	0.178	ug/L	100
39) cis-1,3-Dichloropropene	6.986	75	1447	0.088	ug/L #	51
53) m,p-Xylene	9.153	106	752	0.036	ug/L #	55
61) 1,2,3-Trichloropropane	11.246	75	8068	1.261	ug/L #	69

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

Quant Time: Aug 13 04:17:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration

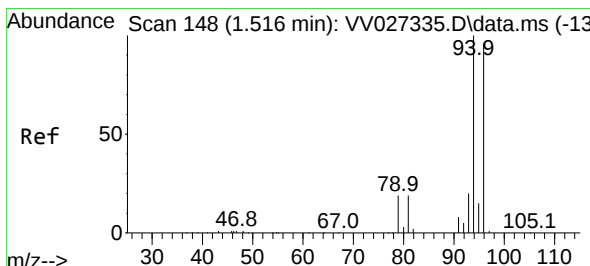
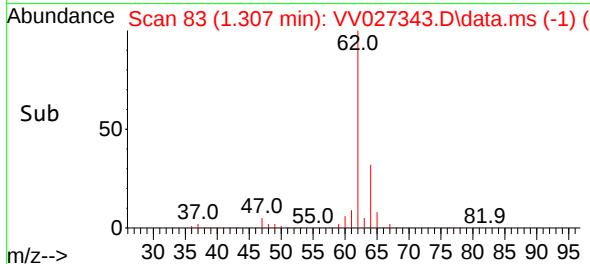
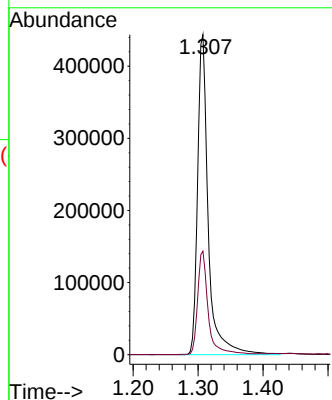
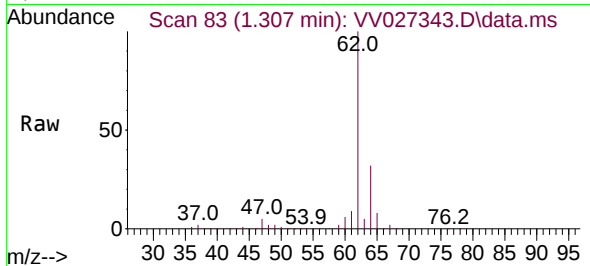




#5
 Vinyl chloride
 Concen: 31.685 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027343.D
 Acq: 12 Aug 2022 22:05

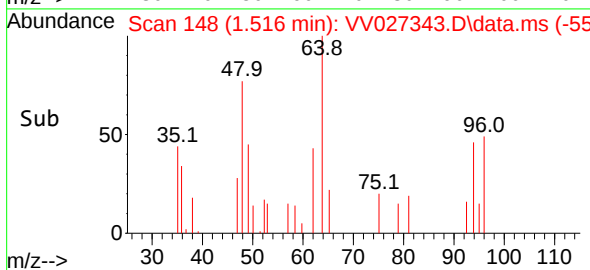
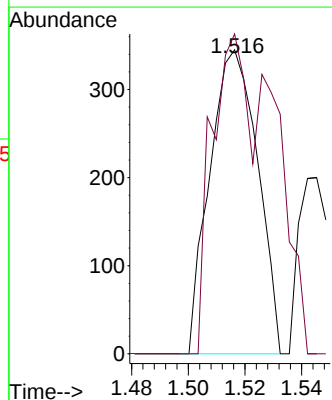
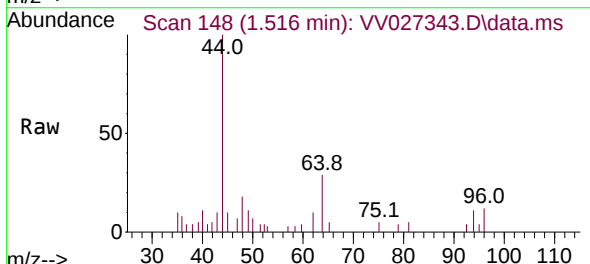
Instrument :
 MSVOA_V
 ClientSampleId :

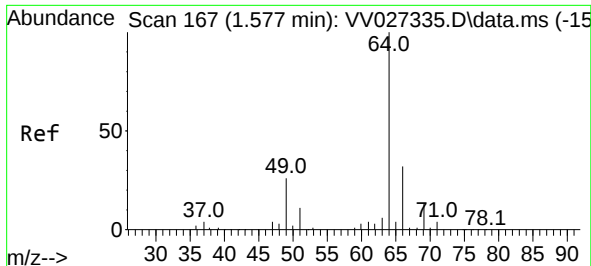
Tgt Ion: 62 Resp: 508438
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 44.1



#6
 Bromomethane
 Concen: 0.054 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027343.D
 Acq: 12 Aug 2022 22:05

Tgt Ion: 94 Resp: 405
 Ion Ratio Lower Upper
 94 100
 96 105.2 67.2 124.8

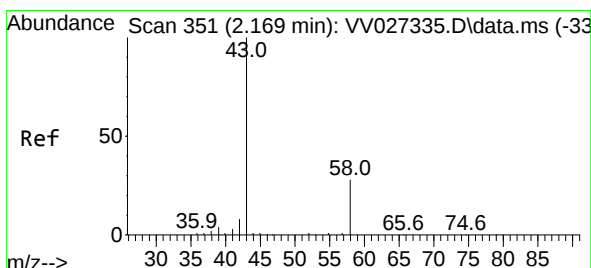
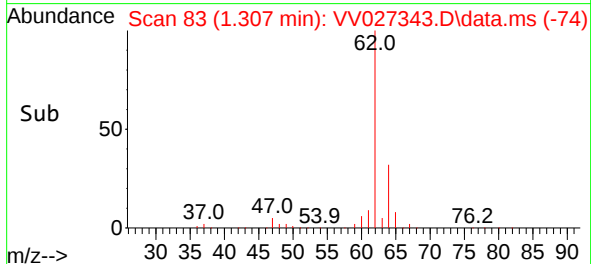
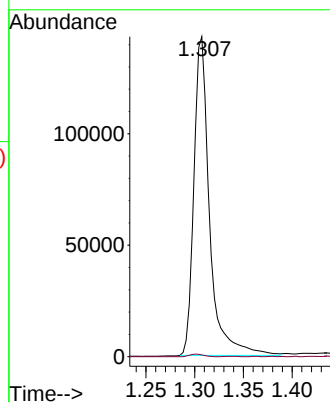
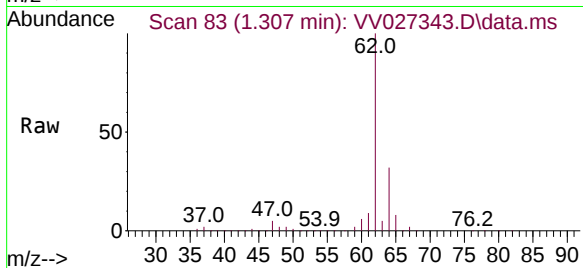




#8
Chloroethane
Concen: 17.941 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

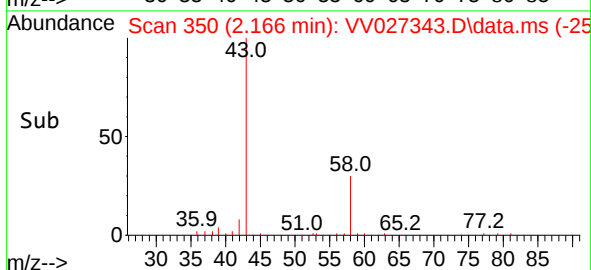
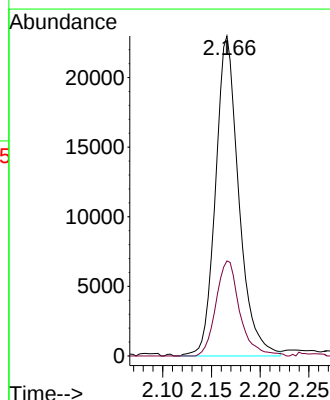
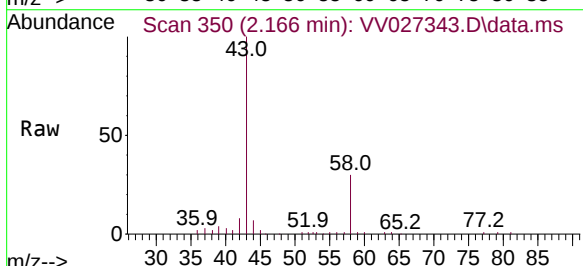
Instrument :
MSVOA_V
ClientSampleId :

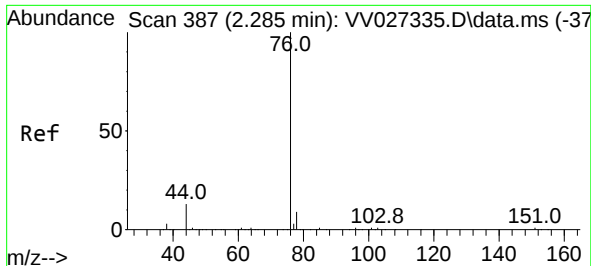
Tgt Ion: 64 Resp: 160065
Ion Ratio Lower Upper
64 100
66 0.6 22.3 41.5#



#13
Acetone
Concen: 24.285 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.003 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

Tgt Ion: 43 Resp: 38217
Ion Ratio Lower Upper
43 100
58 30.4 0.0 63.2

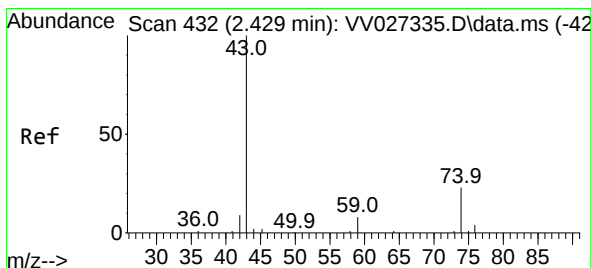
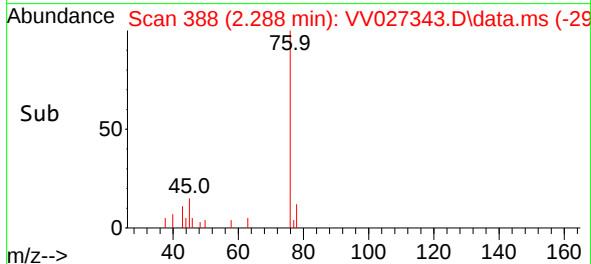
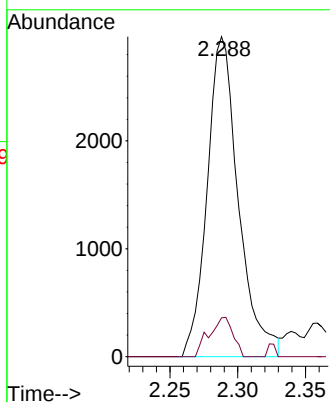
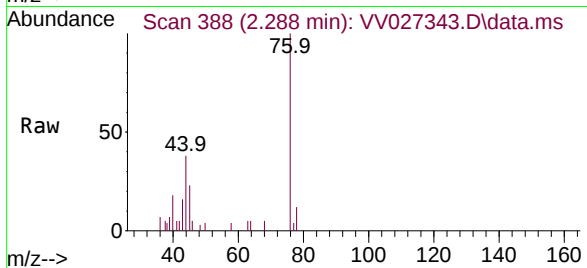




#14
Carbon disulfide
Concen: 0.114 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

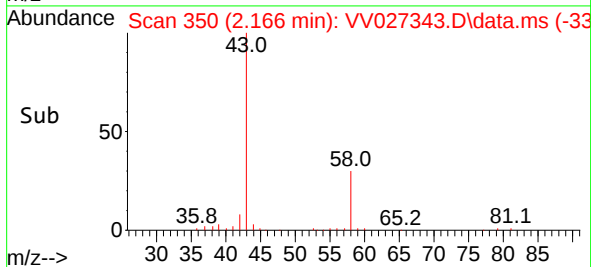
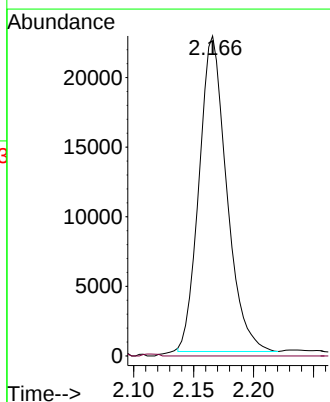
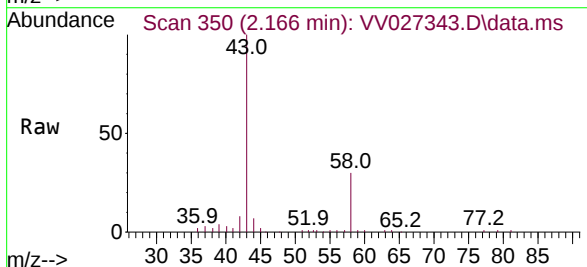
Instrument :
MSVOA_V
ClientSampleId :

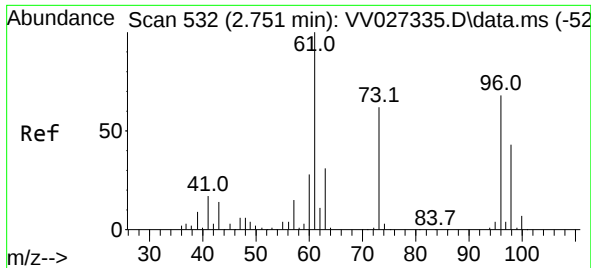
Tgt Ion: 76 Resp: 4757
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#



#15
Methyl Acetate
Concen: 9.473 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.264 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

Tgt Ion: 43 Resp: 36296
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.8#

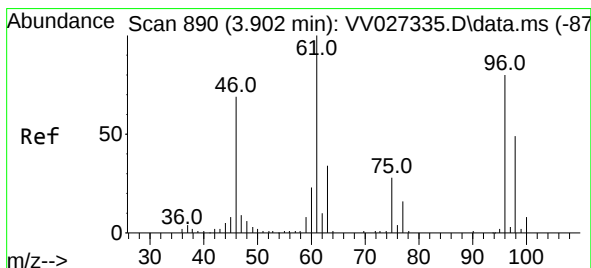
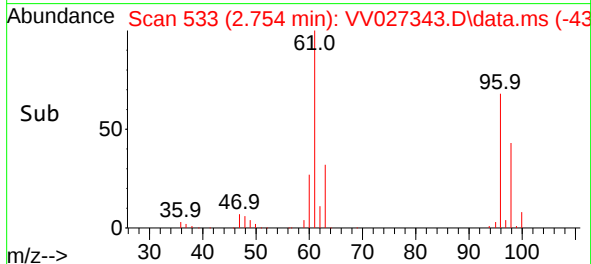
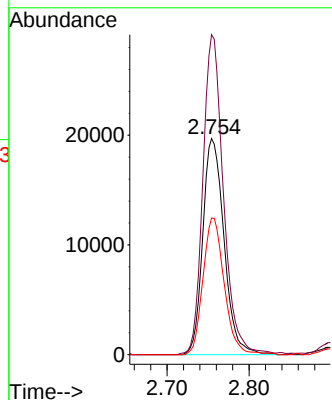
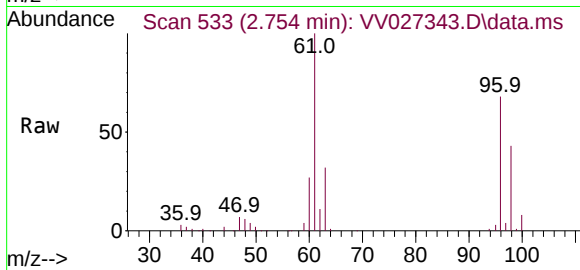




#18
trans-1,2-Dichloroethene
Concen: 2.768 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

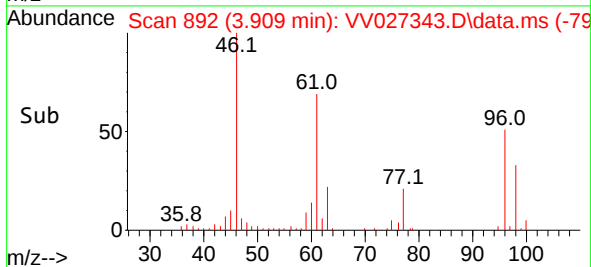
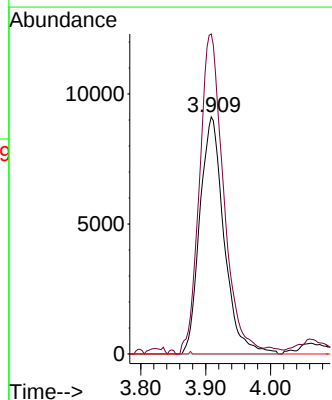
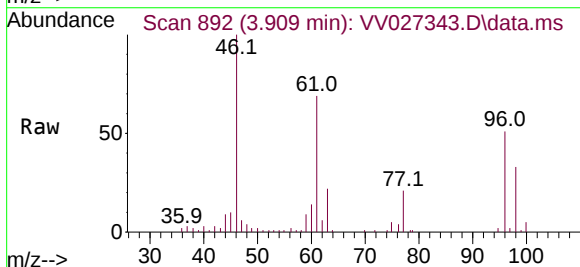
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MSVOA_V
ClientSampleId :

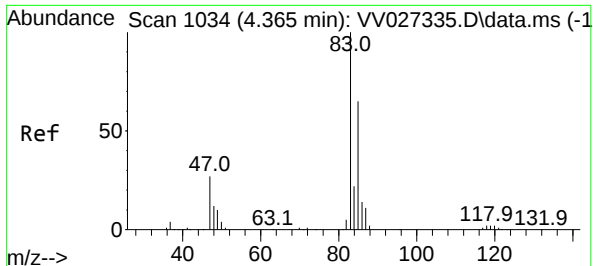
Tgt Ion: 96 Resp: 35481
Ion Ratio Lower Upper
96 100
61 148.0 99.6 185.0
98 63.2 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 1.876 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.007 min
Lab File: VV027343.D
Acq: 12 Aug 2022 22:05

Tgt Ion: 96 Resp: 23649
Ion Ratio Lower Upper
96 100
61 134.9 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.152 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027343.D

Acq: 12 Aug 2022 22:05

Instrument :

MSVOA_V

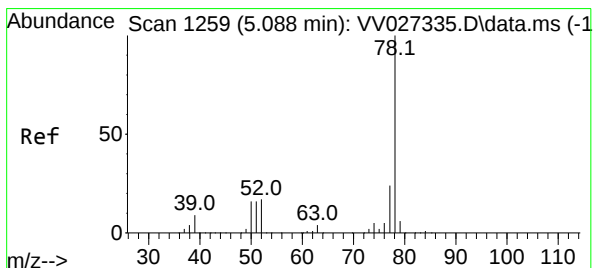
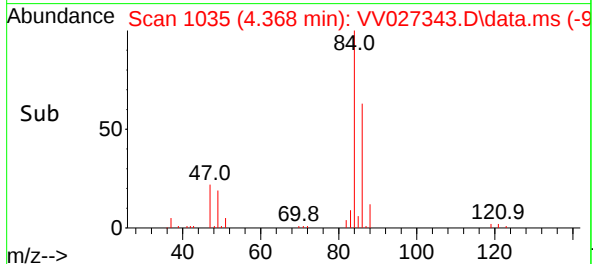
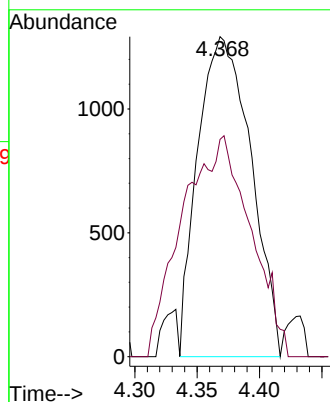
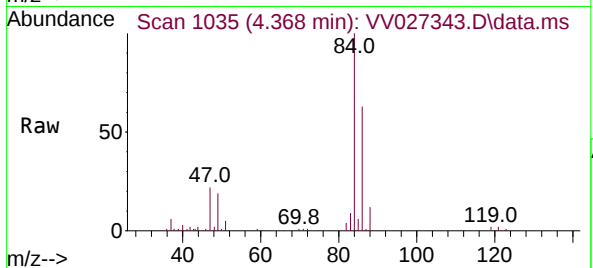
ClientSampleId :

Tgt Ion: 83 Resp: 3827

Ion Ratio Lower Upper

83 100

85 67.9 45.2 84.0



#33

Benzene

Concen: 0.178 ug/L

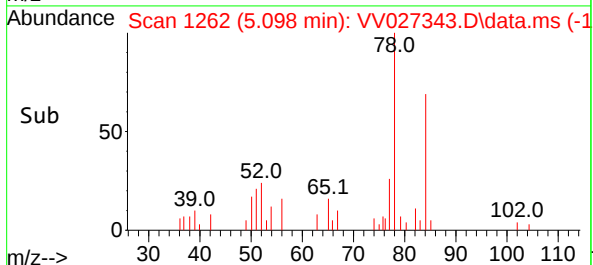
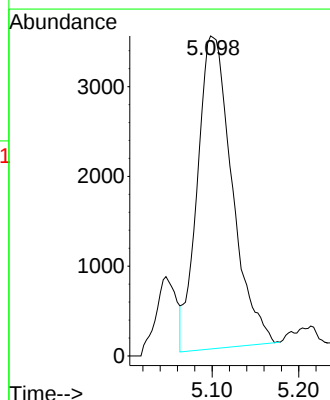
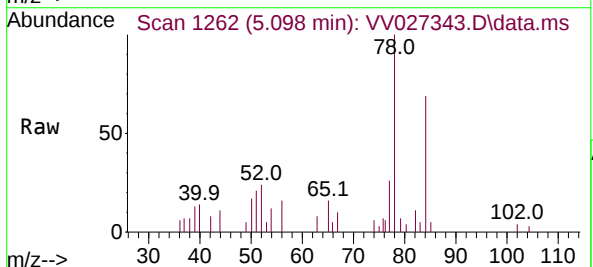
RT: 5.098 min Scan# 1262

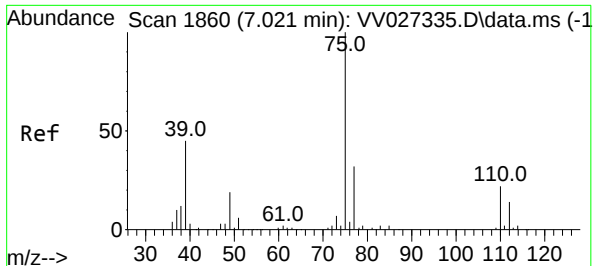
Delta R.T. 0.010 min

Lab File: VV027343.D

Acq: 12 Aug 2022 22:05

Tgt Ion: 78 Resp: 9678





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027343.D

Acq: 12 Aug 2022 22:05

Instrument :

MSVOA_V

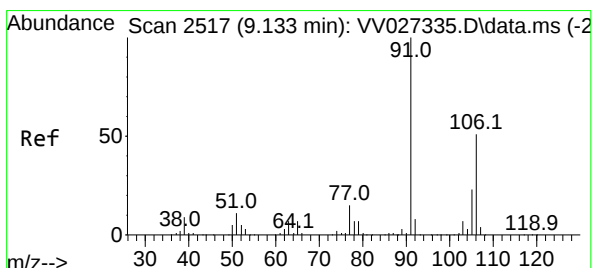
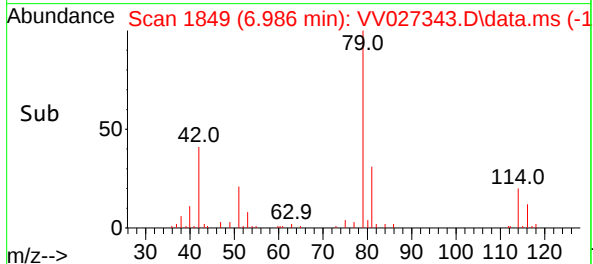
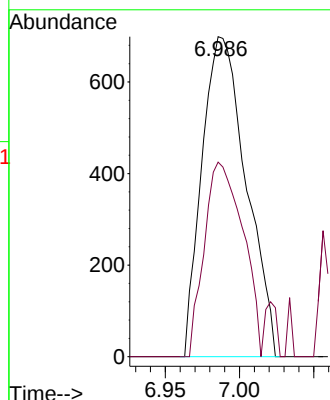
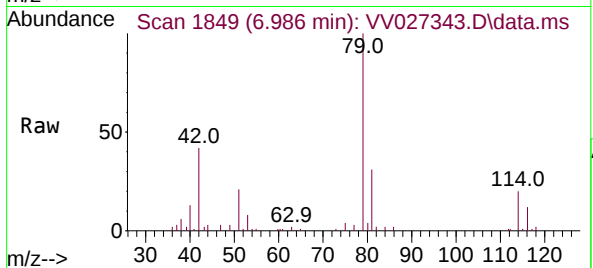
ClientSampleId :

Tgt Ion: 75 Resp: 1447

Ion Ratio Lower Upper

75 100

77 60.8 23.2 43.0#



#53

m,p-Xylene

Concen: 0.036 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.019 min

Lab File: VV027343.D

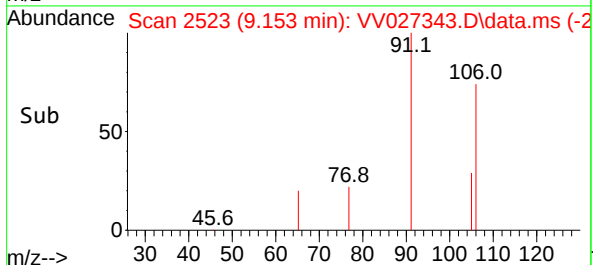
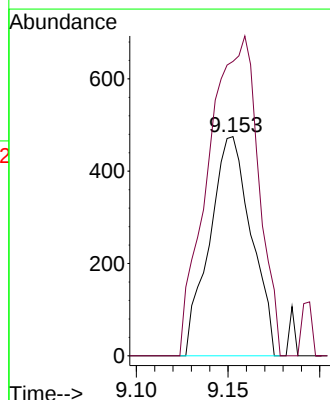
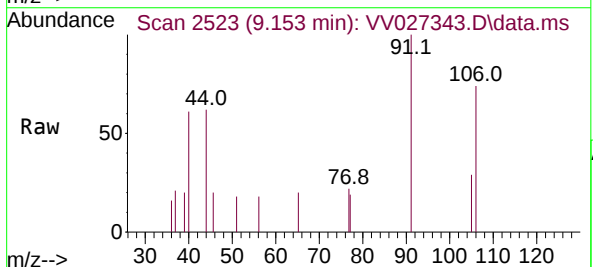
Acq: 12 Aug 2022 22:05

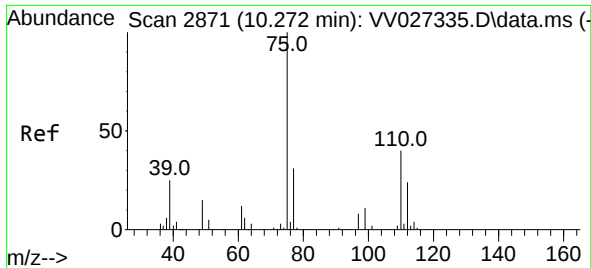
Tgt Ion: 106 Resp: 752

Ion Ratio Lower Upper

106 100

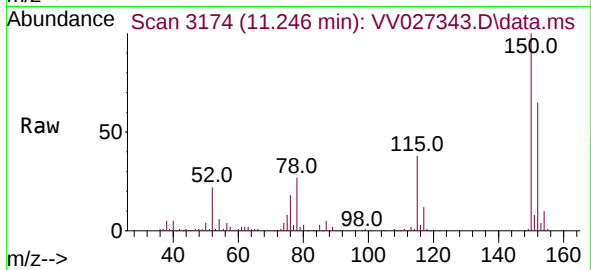
91 134.3 141.5 262.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.261 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027343.D
 Acq: 12 Aug 2022 22:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8068
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8
 110 4.0 31.0 46.6#

