

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029989.D
 Acq On : 30 Jan 2023 14:15
 Operator : SY/MD
 Sample : 01314-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:18:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

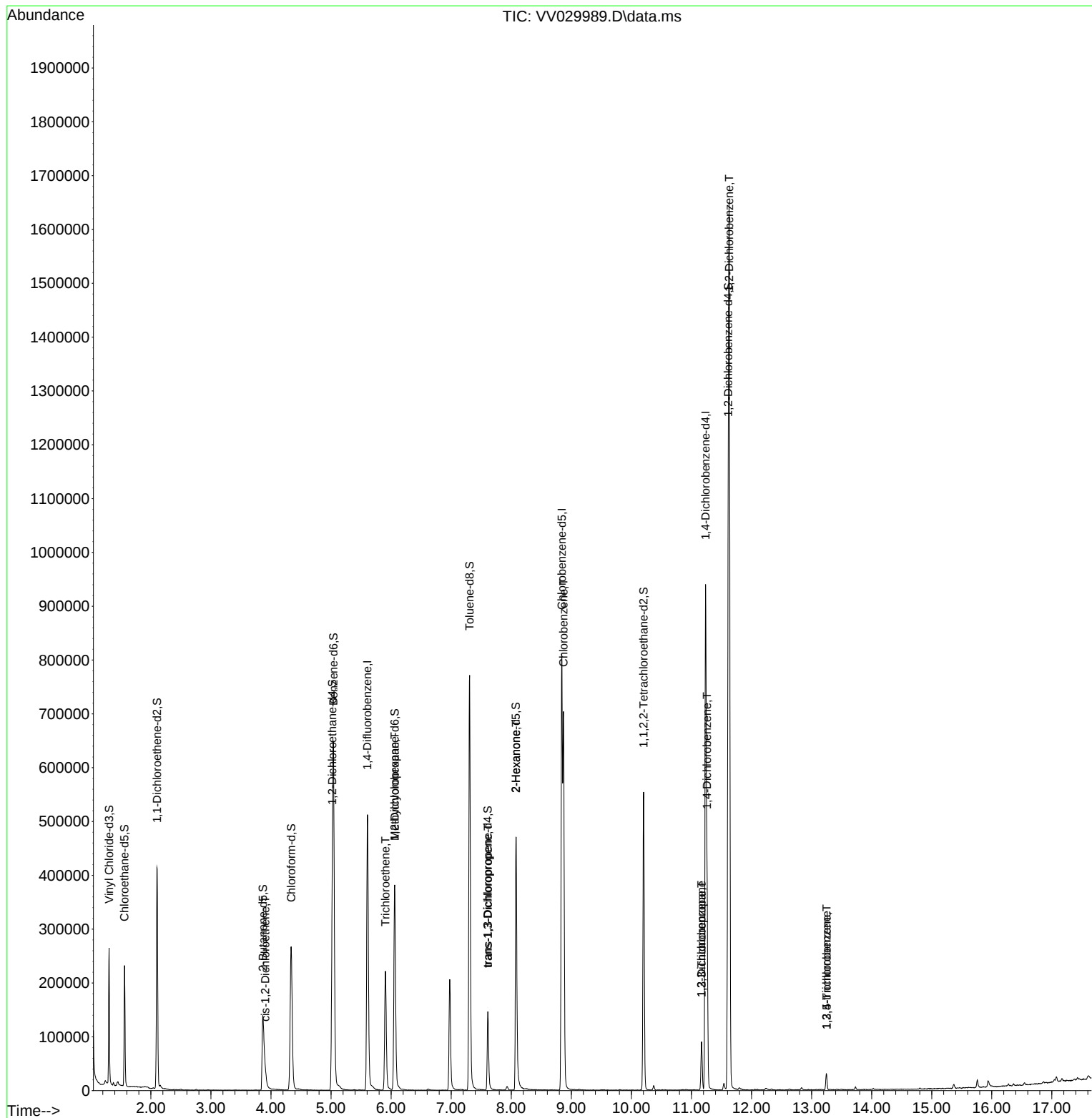
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	455951	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	434318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	241598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157377	49.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.080%
7) Chloroethane-d5	1.561	69	144348	54.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.020%
11) 1,1-Dichloroethene-d2	2.101	63	219252	38.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.660%
21) 2-Butanone-d5	3.863	46	221537	119.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.670%
24) Chloroform-d	4.336	84	284496	48.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	5.021	65	169436	51.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
32) Benzene-d6	5.040	84	614931	52.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.840%
36) 1,2-Dichloropropane-d6	6.059	67	203551	56.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.820%
41) Toluene-d8	7.307	98	527740	49.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	7.609	79	85681	53.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.860%
47) 2-Hexanone-d5	8.079	63	175064	113.832	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.830%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	279110	50.426	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.860%
66) 1,2-Dichlorobenzene-d4	11.612	152	212441	49.350	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.700%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.905	96	10696	2.976	ug/L	96
34) Trichloroethene	5.905	95	80760	24.574	ug/L	96
35) Methylcyclohexane	6.059	83	45193	8.513	ug/L #	22
44) trans-1,3-Dichloropropene	7.612	75	3342	0.745	ug/L #	72
48) 2-Hexanone	8.082	43	18318	5.952	ug/L #	59
51) Chlorobenzene	8.870	112	373384	38.984	ug/L	98
61) 1,2,3-Trichloropropane	11.169	75	10334	2.626	ug/L #	49
64) 1,3-Dichlorobenzene	11.169	146	36661	5.035	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	147212	19.515	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	595981	81.308	ug/L	99
69) 1,3,5-Trichlorobenzene	13.249	180	9748	1.720	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	9748	1.948	ug/L	98

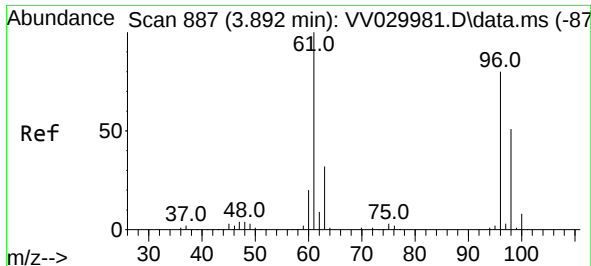
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
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Response via : Initial Calibration

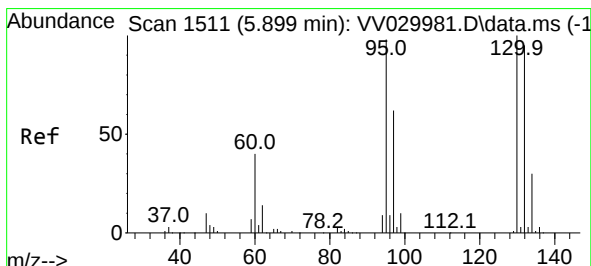
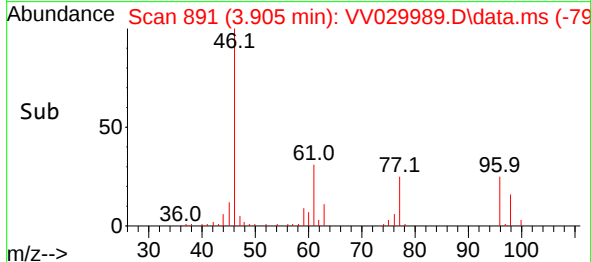
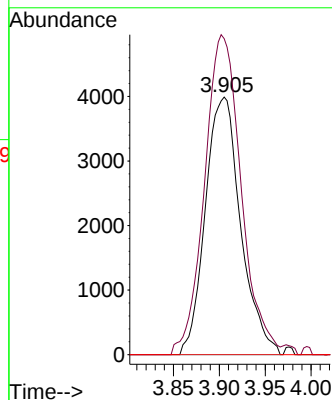
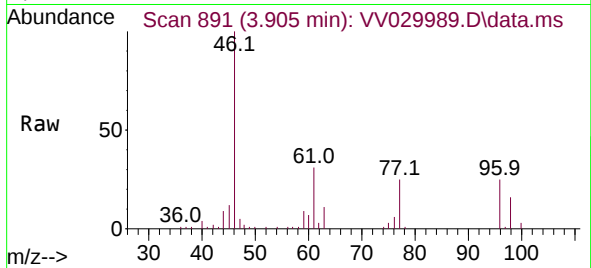




#20
cis-1,2-Dichloroethene
Concen: 2.976 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

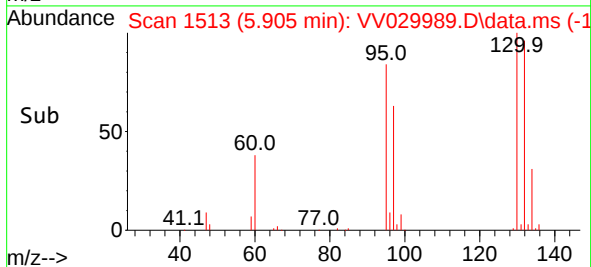
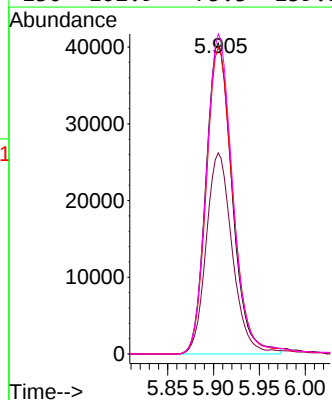
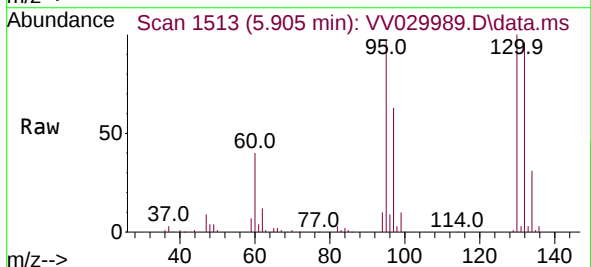
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MSVOA_V
ClientSampleId :

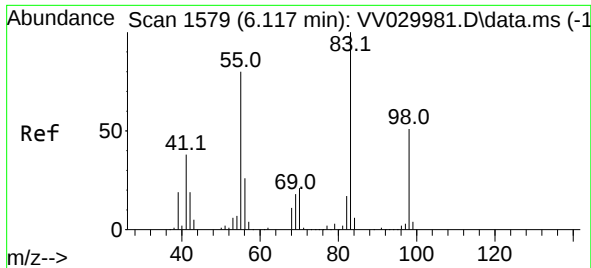
Tgt Ion: 96 Resp: 10696
Ion Ratio Lower Upper
96 100
61 122.7 82.5 153.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 24.574 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

Tgt Ion: 95 Resp: 80760
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 98.6 71.8 133.4
130 102.9 75.3 139.9

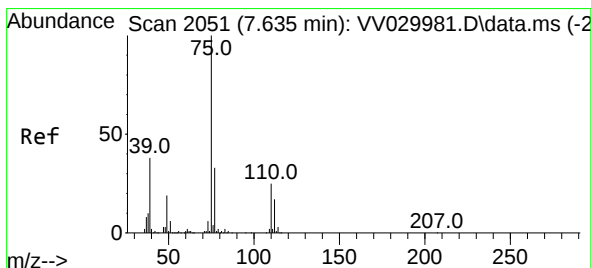
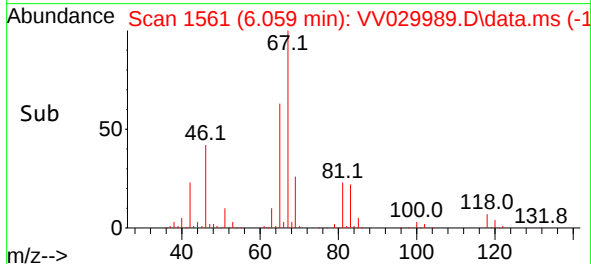
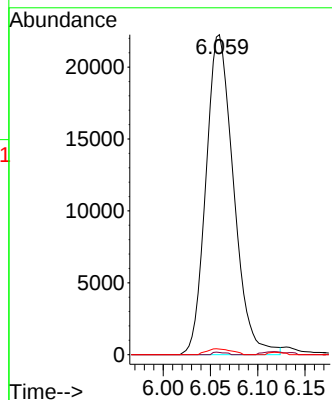
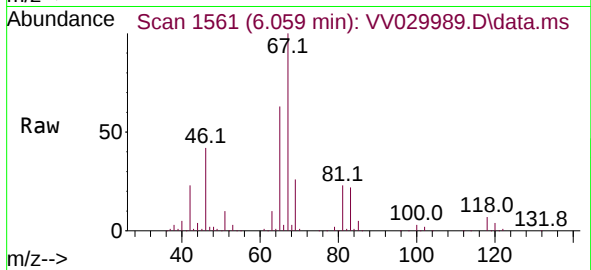




#35
Methylcyclohexane
Concen: 8.513 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

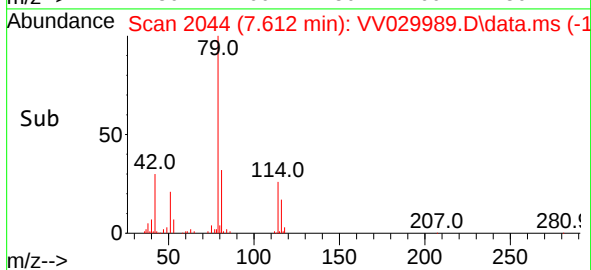
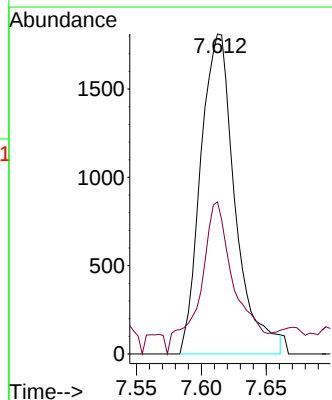
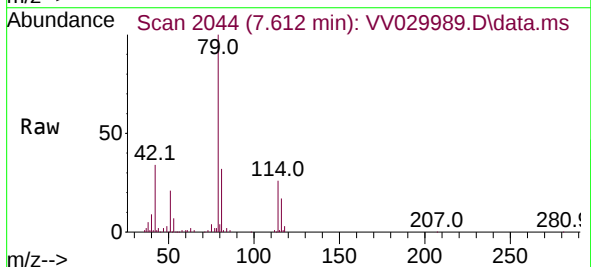
Instrument :
MSVOA_V
ClientSampleId :

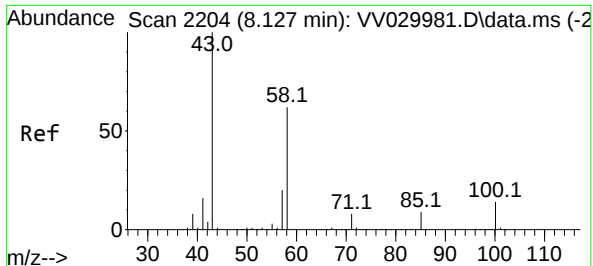
Tgt Ion: 83 Resp: 45193
Ion Ratio Lower Upper
83 100
55 0.3 56.2 84.2#
98 1.7 38.5 57.7#



#44
trans-1,3-Dichloropropene
Concen: 0.745 ug/L
RT: 7.612 min Scan# 2044
Delta R.T. -0.023 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

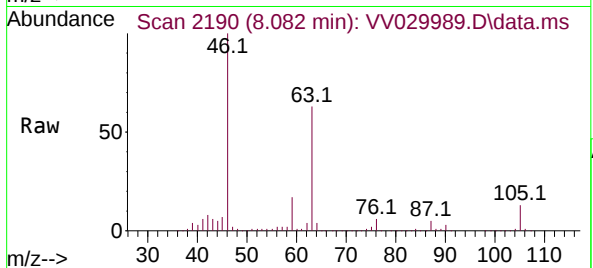
Tgt Ion: 75 Resp: 3342
Ion Ratio Lower Upper
75 100
77 47.6 22.4 41.6#



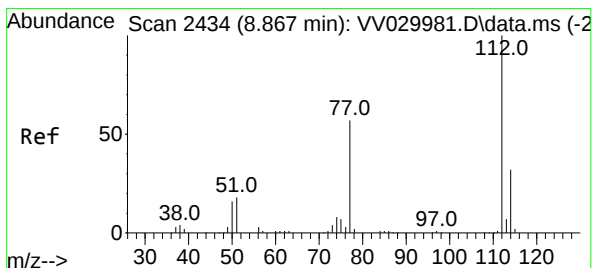
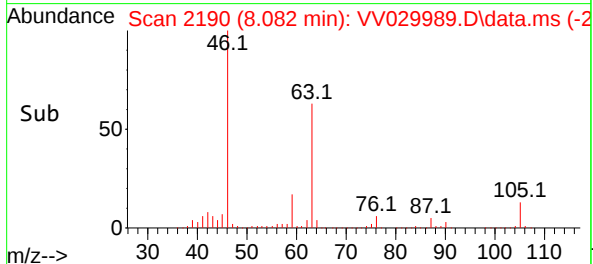
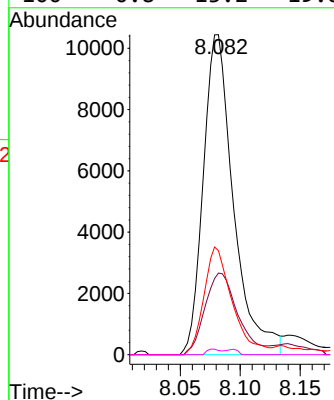


#48
2-Hexanone
Concen: 5.952 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.045 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

Instrument :
MSVOA_V
ClientSampleId :

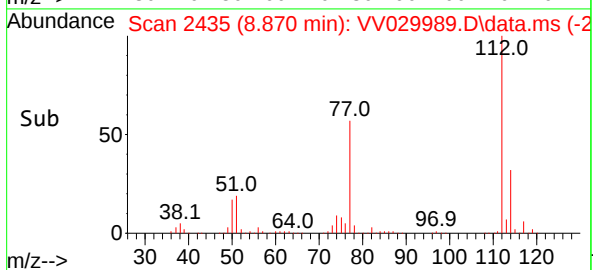
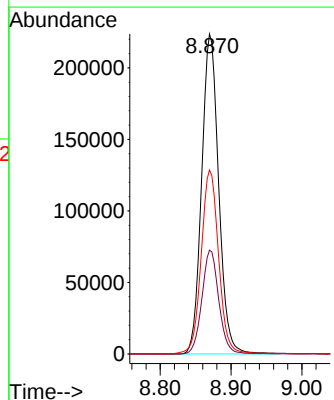
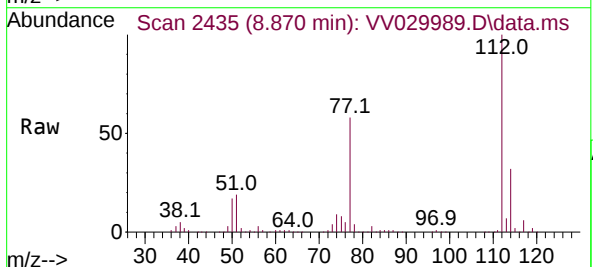


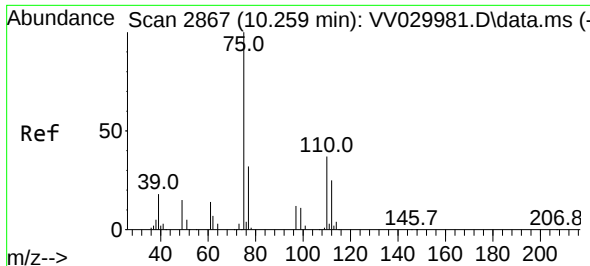
Tgt Ion:	43	Resp:	18318
Ion Ratio	100	Lower	Upper
58	27.9	53.2	79.8#
57	31.5	17.6	26.4#
100	0.8	13.2	19.8#



#51
Chlorobenzene
Concen: 38.984 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

Tgt Ion:	112	Resp:	373384
Ion Ratio	100	Lower	Upper
114	32.4	22.6	42.0
77	57.5	44.6	66.8

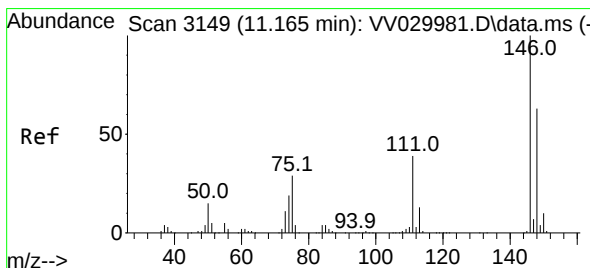
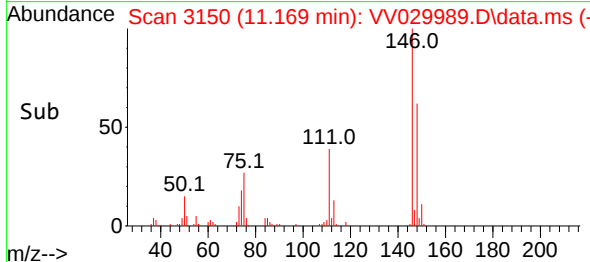
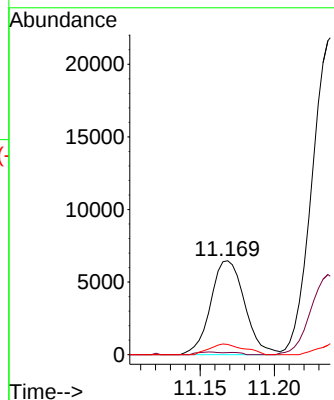
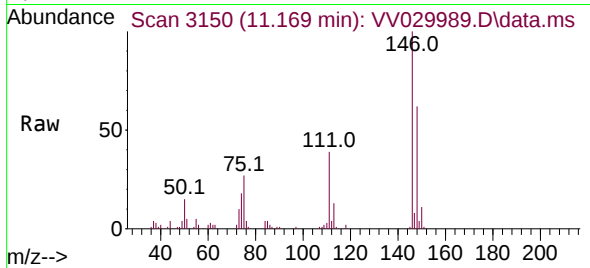




#61
1,2,3-Trichloropropane
Concen: 2.626 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.910 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

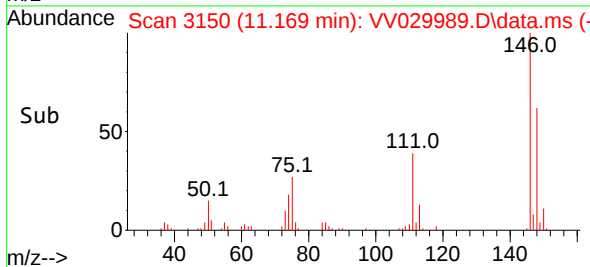
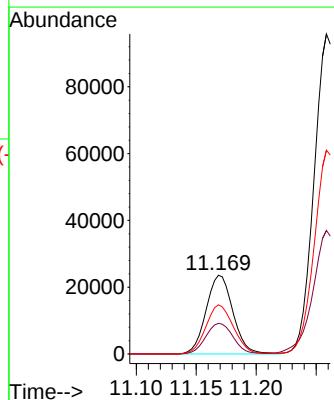
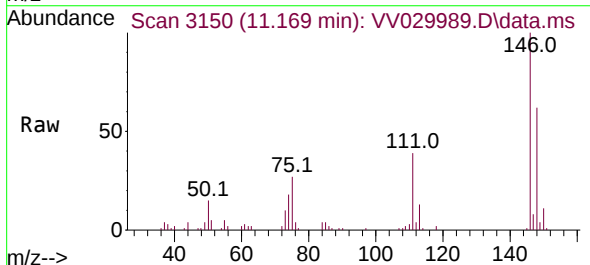
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ClientSampleId :

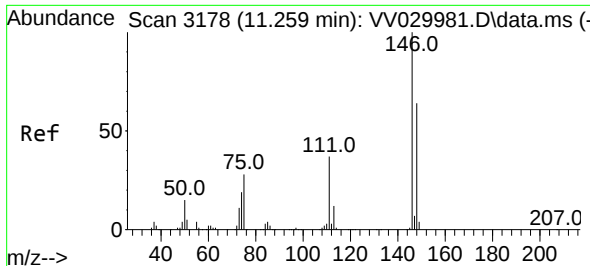
Tgt Ion: 75 Resp: 10334
Ion Ratio Lower Upper
75 100
77 1.1 25.9 38.9#
110 11.4 32.3 48.5#



#64
1,3-Dichlorobenzene
Concen: 5.035 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

Tgt Ion:146 Resp: 36661
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 62.3 44.2 82.2

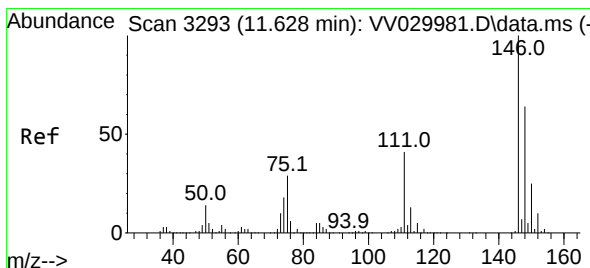
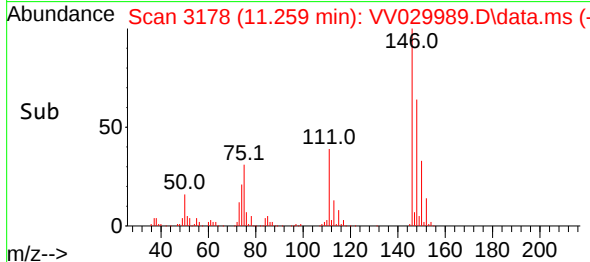
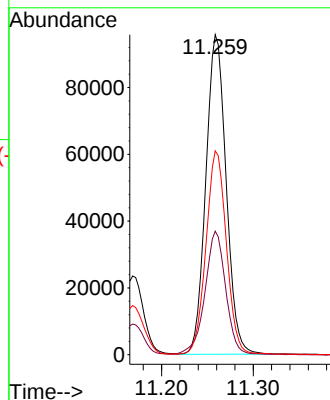
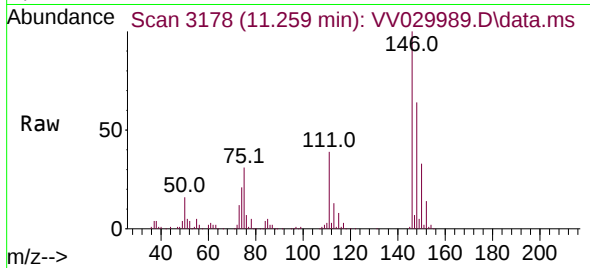




#65
1,4-Dichlorobenzene
Concen: 19.515 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

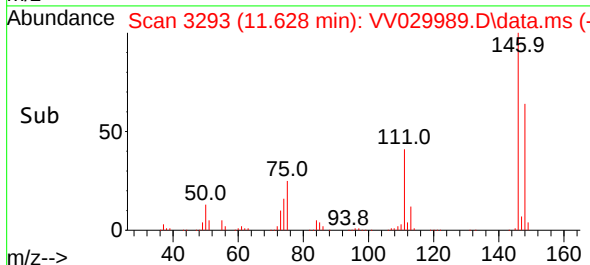
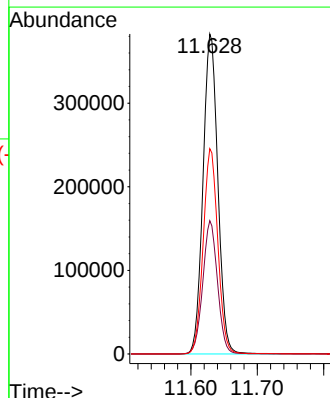
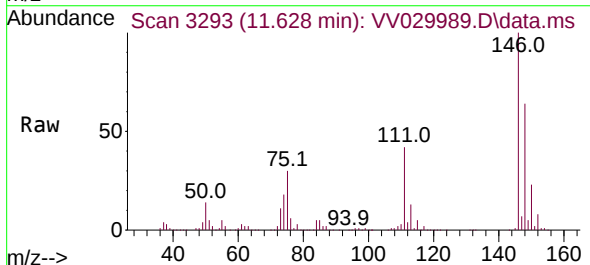
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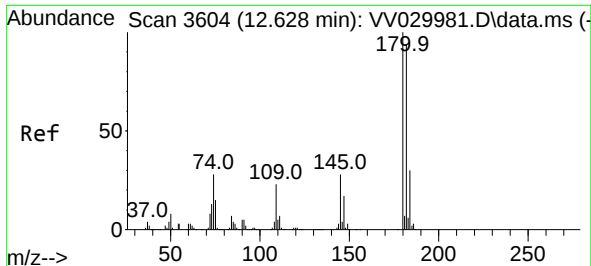
Tgt Ion:146 Resp: 147212
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 63.7 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 81.308 ug/L
RT: 11.628 min Scan# 3293
Delta R.T. -0.000 min
Lab File: VV029989.D
Acq: 30 Jan 2023 14:15

Tgt Ion:146 Resp: 595981
Ion Ratio Lower Upper
146 100
111 41.6 32.7 49.1
148 64.1 51.0 76.4

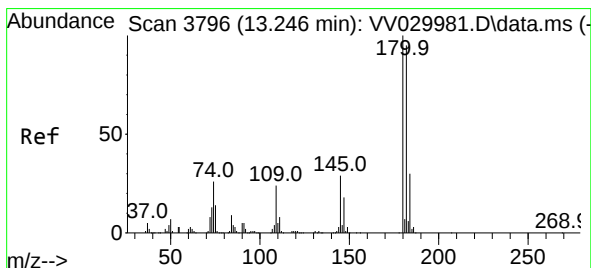
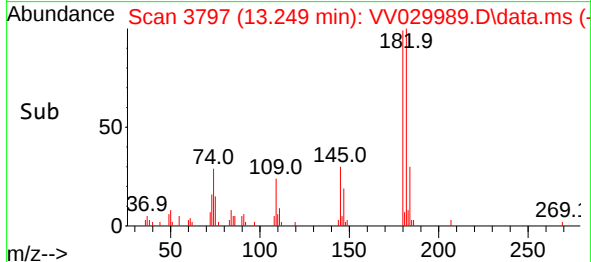
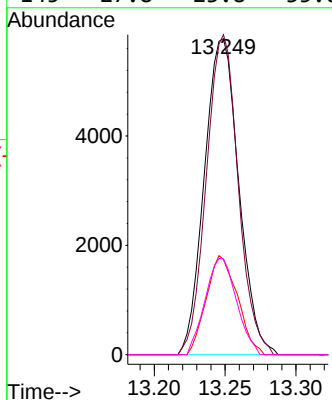
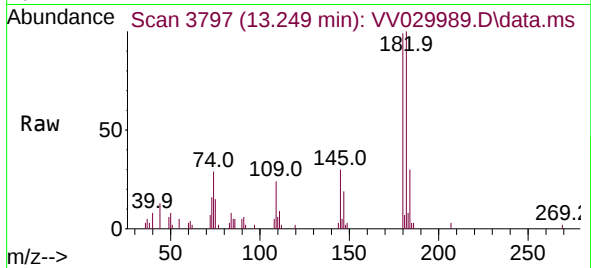




#69
 1,3,5-Trichlorobenzene
 Concen: 1.720 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.620 min
 Lab File: VV029989.D
 Acq: 30 Jan 2023 14:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180	Resp:	9748
Ion Ratio	Lower	Upper
180	100	
182	93.7	76.2 114.4
184	28.3	23.9 35.9
145	27.8	23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.948 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.003 min
 Lab File: VV029989.D
 Acq: 30 Jan 2023 14:15

Tgt Ion:180	Resp:	9748
Ion Ratio	Lower	Upper
180	100	
182	93.7	76.0 114.0
145	27.8	24.0 36.0

