

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022793.D
 Acq On : 14 Oct 2021 15:29
 Operator : SY/MD
 Sample : M4214-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGC0

Quant Time: Oct 15 02:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

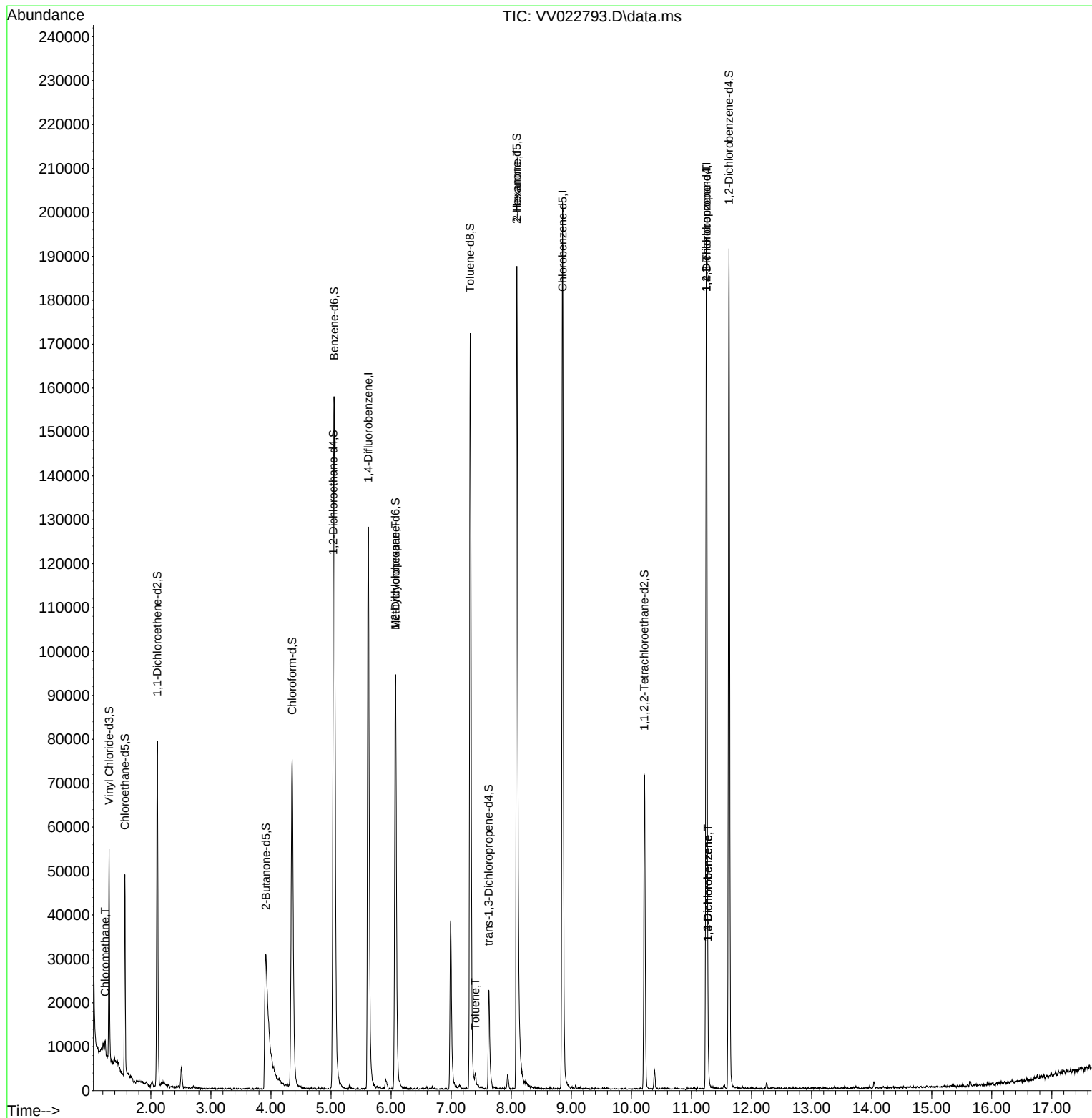
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28673	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.568	69	27272	3.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.108	63	40186	2.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.000%#
20) 2-Butanone-d5	3.915	46	78831	38.963	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.920%
24) Chloroform-d	4.352	84	78400	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.037	65	36243	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.053	84	143693	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.072	67	48270	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	117633	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.625	79	13922	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.092	63	68110	49.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34344	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	49918	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1307	0.159	ug/L	100
35) Methylcyclohexane	6.072	83	11880	0.990	ug/L #	16
42) Toluene	7.403	91	2259	0.071	ug/L	78
48) 2-Hexanone	8.095	43	8597	2.889	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	6108	1.626	ug/L #	61
64) 1,3-Dichlorobenzene	11.275	146	2077	0.144	ug/L	93
65) 1,4-Dichlorobenzene	11.275	146	2077	0.142	ug/L	92

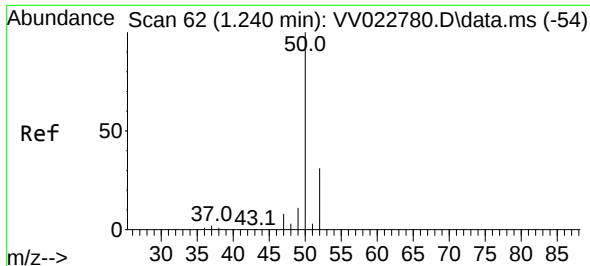
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
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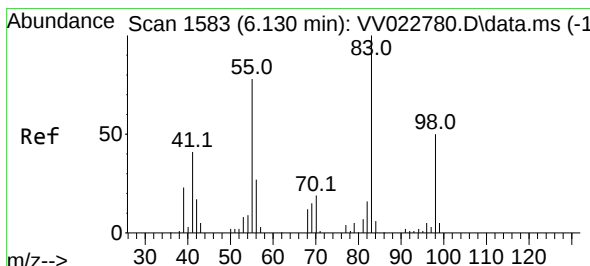
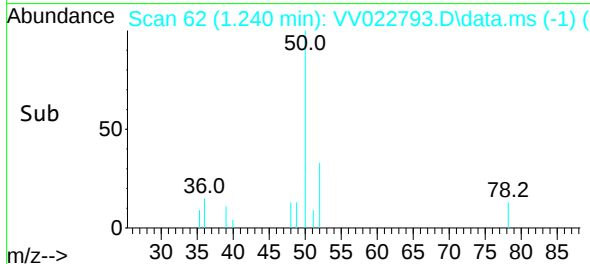
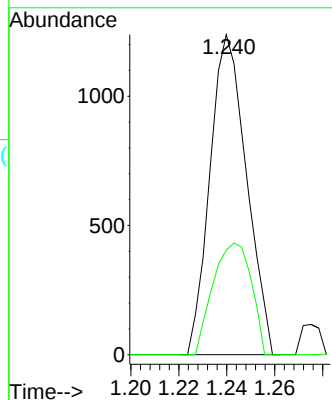
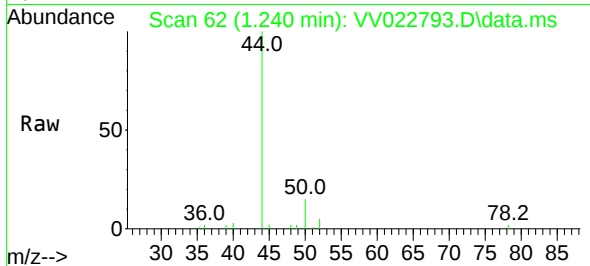




#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

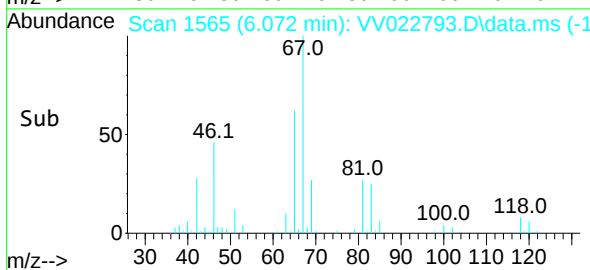
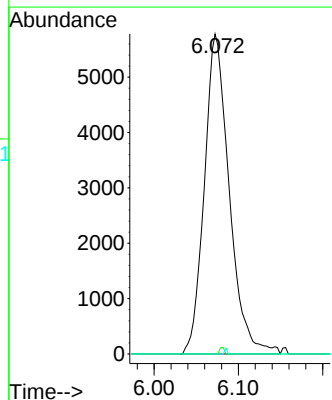
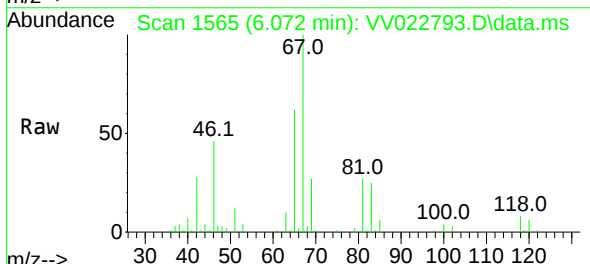
Instrument :
MSVOA_V
ClientSampleId :
JDGC0

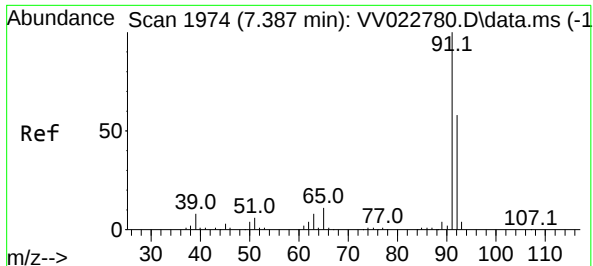
Tgt Ion: 50 Resp: 1307
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5



#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

Tgt Ion: 83 Resp: 11880
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 0.2 42.1 63.1#

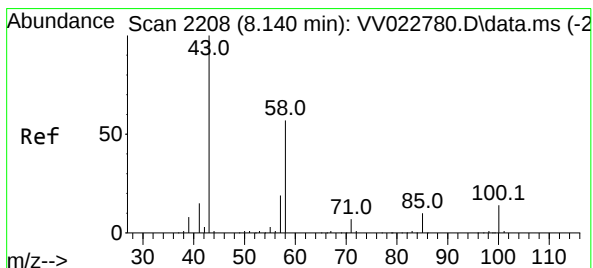
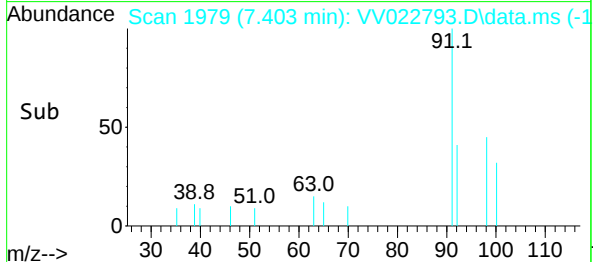
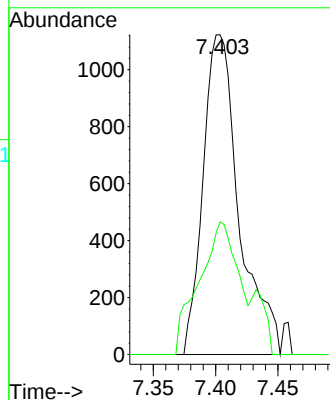
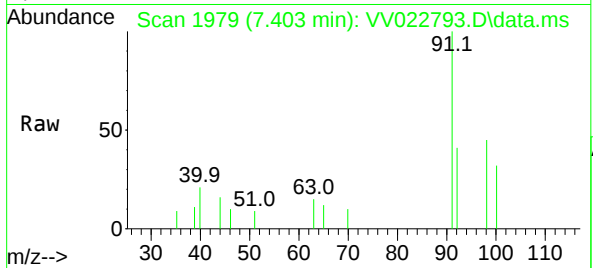




#42
Toluene
Concen: 0.071 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

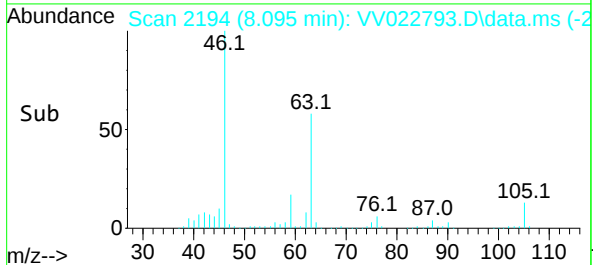
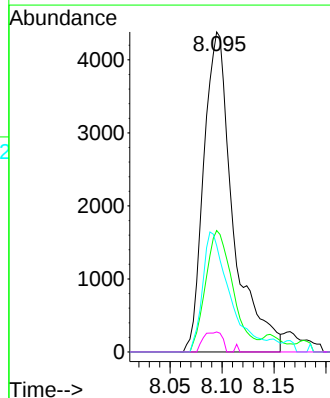
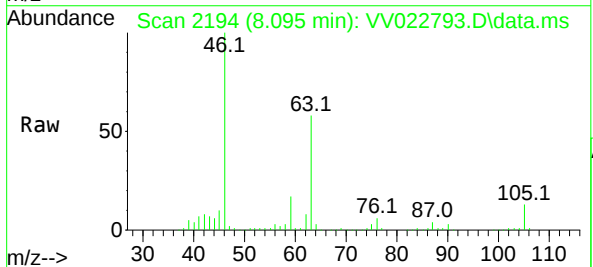
Instrument :
MSVOA_V
ClientSampled :
JDGC0

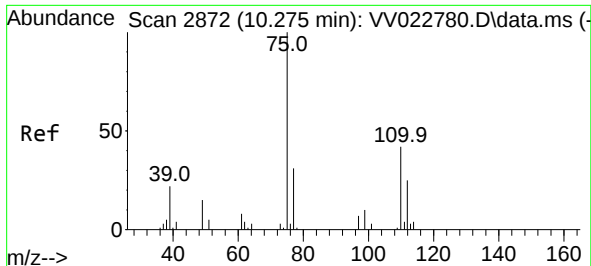
Tgt Ion: 91 Resp: 2259
Ion Ratio Lower Upper
91 100
92 41.5 40.7 75.7



#48
2-Hexanone
Concen: 2.889 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

Tgt Ion: 43 Resp: 8597
Ion Ratio Lower Upper
43 100
58 35.8 47.4 71.0#
57 35.0 15.3 22.9#
100 4.0 10.4 15.6#

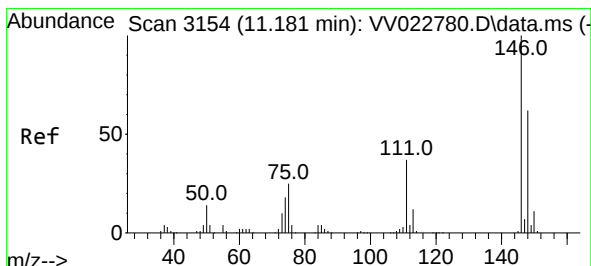
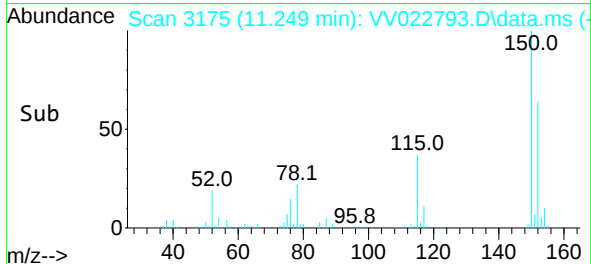
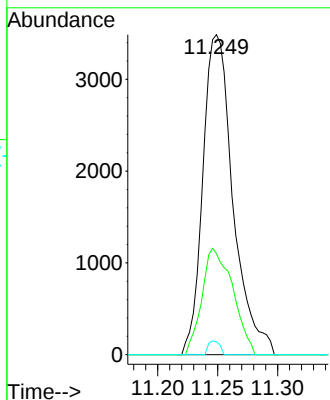
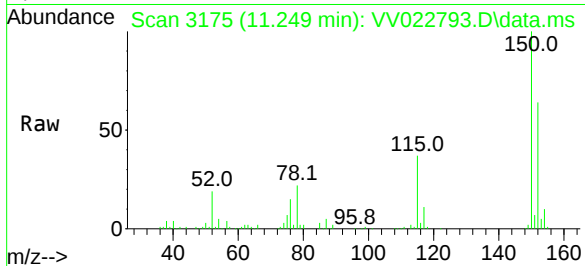




#61
1,2,3-Trichloropropane
Concen: 1.626 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

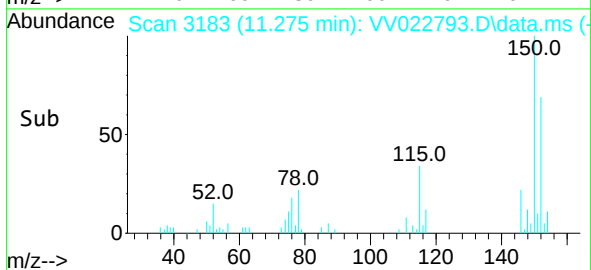
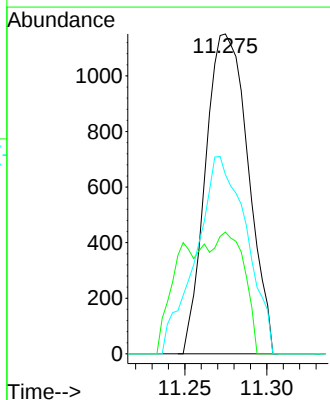
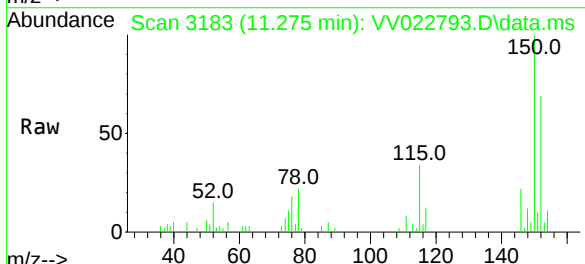
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MSVOA_V
ClientSampled :
JDGC0

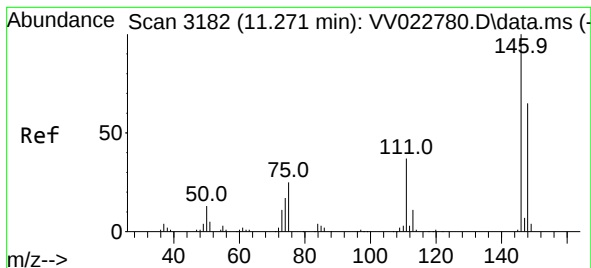
Tgt Ion: 75 Resp: 6108
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.2
110 1.6 34.2 51.4#



#64
1,3-Dichlorobenzene
Concen: 0.144 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.093 min
Lab File: VV022793.D
Acq: 14 Oct 2021 15:29

Tgt Ion: 146 Resp: 2077
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.5
148 56.0 45.1 83.9





#65
 1,4-Dichlorobenzene
 Concen: 0.142 ug/L
 RT: 11.275 min Scan# 3183
 Delta R.T. 0.003 min
 Lab File: VV022793.D
 Acq: 14 Oct 2021 15:29

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGC0

Tgt Ion:146 Resp: 2077

Ion	Ratio	Lower	Upper
146	100		
111	38.1	25.6	47.4
148	56.0	44.9	83.5

