

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018789.D
 Acq On : 26 Apr 2021 18:22
 Operator : SY/VA
 Sample : VIBLK123
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK123

Quant Time: Apr 27 01:25:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 27 01:21:12 2021
 Response via : Initial Calibration

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

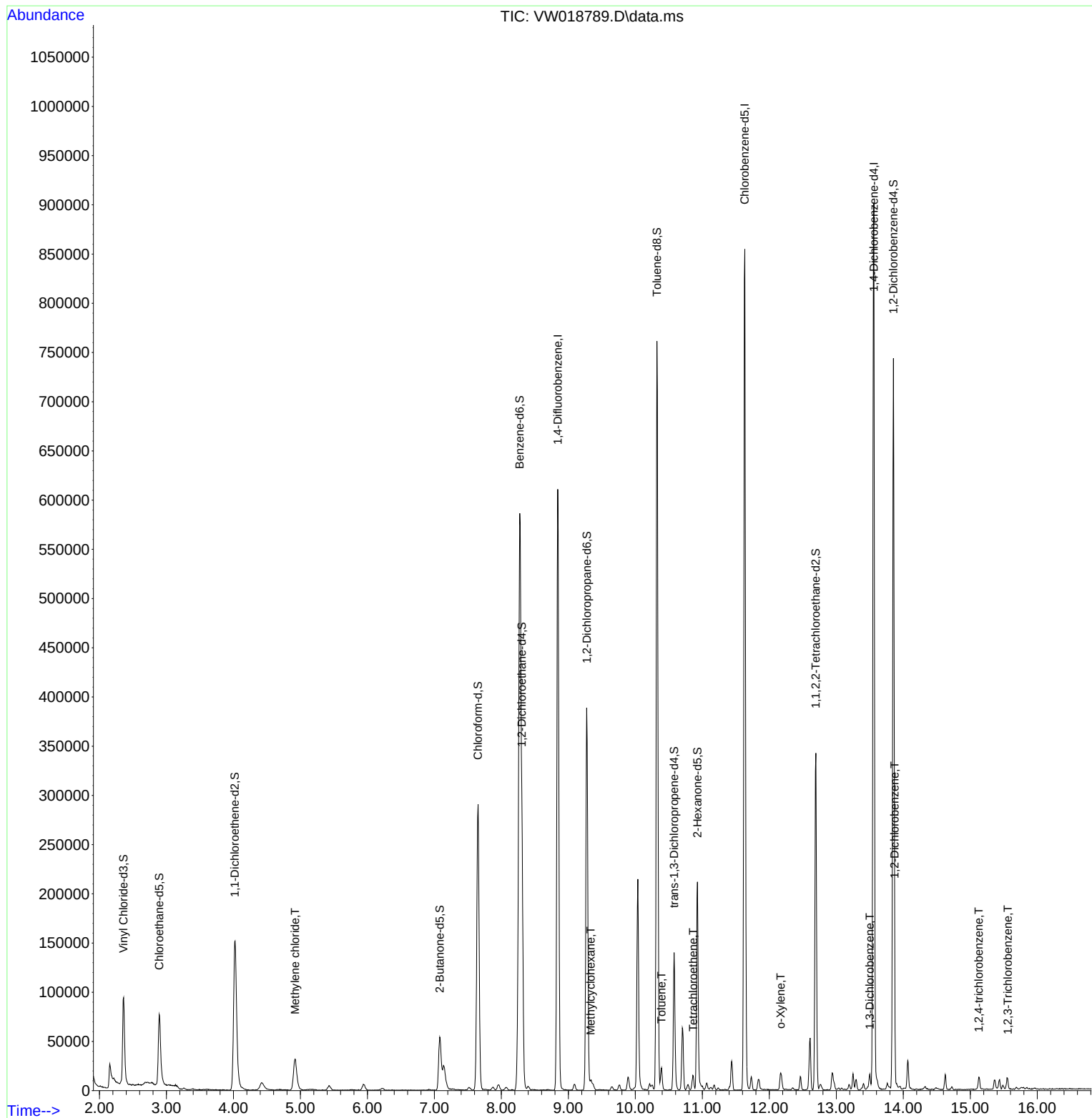
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	502316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	464372	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	224923	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108427	14.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.80%		
7) Chloroethane-d5	2.891	69	98768	14.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.40%		
11) 1,1-Dichloroethene-d2	4.019	63	170181	12.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.36%		
21) 2-Butanone-d5	7.080	46	90745	52.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.44%		
24) Chloroform-d	7.653	84	290624	21.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.32%		
26) 1,2-Dichloroethane-d4	8.305	65	177093	22.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.40%		
32) Benzene-d6	8.275	84	556677	20.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.72%		
36) 1,2-Dichloropropane-d6	9.274	67	177960	21.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.72%		
41) Toluene-d8	10.323	98	503983	20.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.92%		
43) trans-1,3-Dichloroprop...	10.579	79	75275	21.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.16%		
47) 2-Hexanone-d5	10.927	63	76431	53.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.08%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	167916	24.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.96%		
66) 1,2-Dichlorobenzene-d4	13.853	152	177352	22.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.80%		
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	27717	3.37	ug/L	96
35) Methylcyclohexane	9.335	83	3449	0.26	ug/L #	77
42) Toluene	10.390	91	15578	0.50	ug/L	92
46) Tetrachloroethene	10.866	164	2658	0.50	ug/L	89
54) o-Xylene	12.170	106	3196	0.26	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	4600	0.33	ug/L #	76
67) 1,2-Dichlorobenzene	13.871	146	4626	0.36	ug/L #	90
70) 1,2,4-trichlorobenzene	15.127	180	3954	0.49	ug/L	97
72) 1,2,3-Trichlorobenzene	15.560	180	3690	0.51	ug/L	95

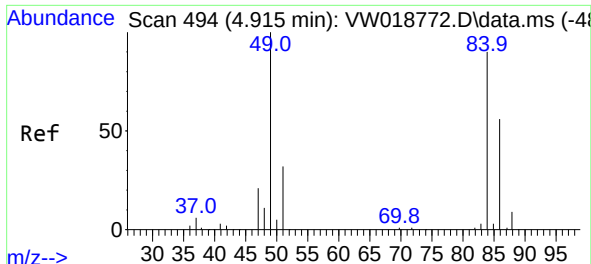
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 27 01:21:12 2021
Response via : Initial Calibration

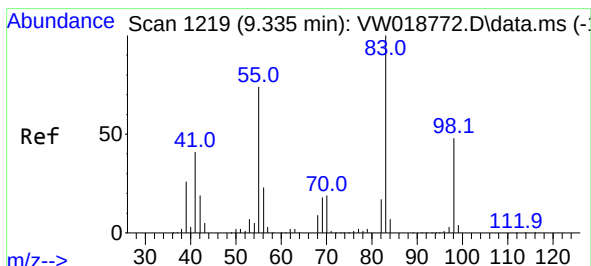
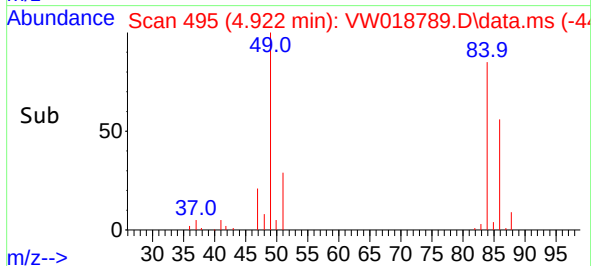
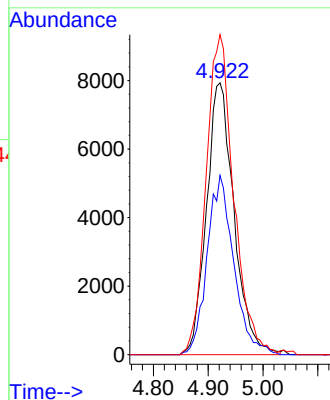
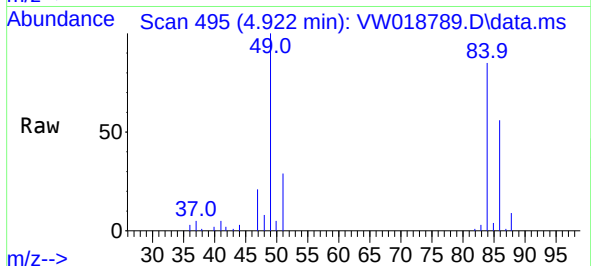




#16
Methylene chloride
Concen: 3.37 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

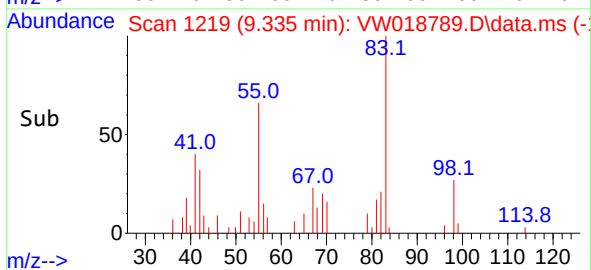
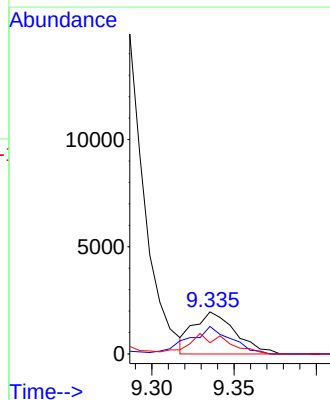
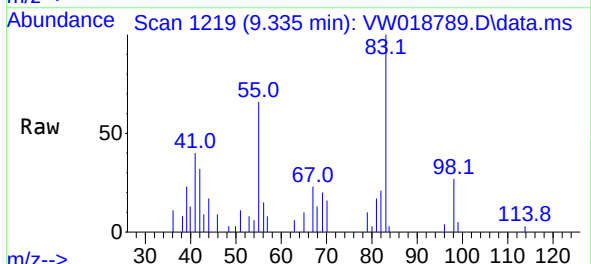
Instrument :
MSVOA_W
ClientSampleId :
VIBLK123

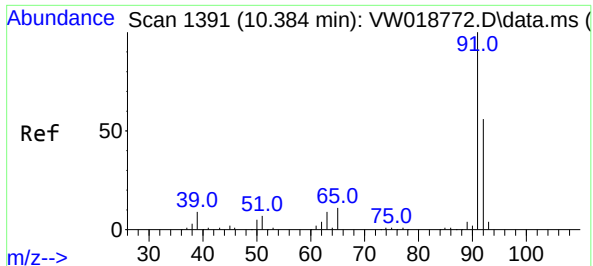
Tgt Ion:	84	Resp:	27717
Ion	Ratio	Lower	Upper
84	100		
86	65.9	45.3	84.1
49	117.7	86.6	160.8



#35
Methylcyclohexane
Concen: 0.26 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

Tgt Ion:	83	Resp:	3449
Ion	Ratio	Lower	Upper
83	100		
55	66.8	58.9	88.3
98	19.7	40.1	60.1#

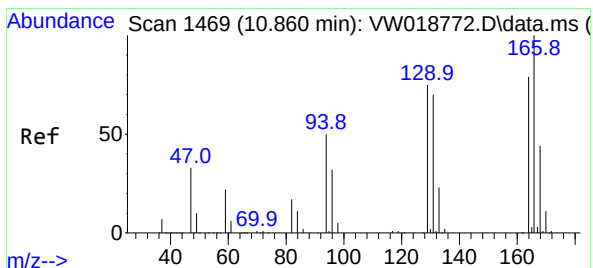
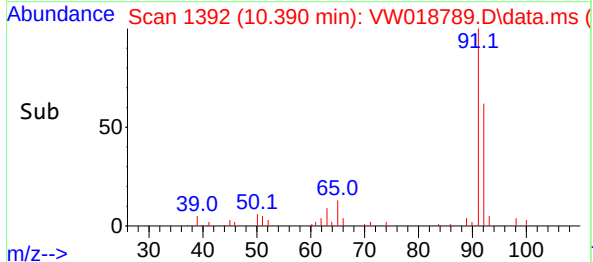
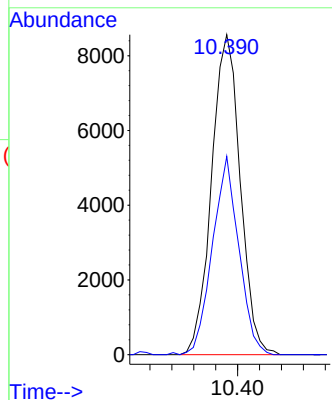
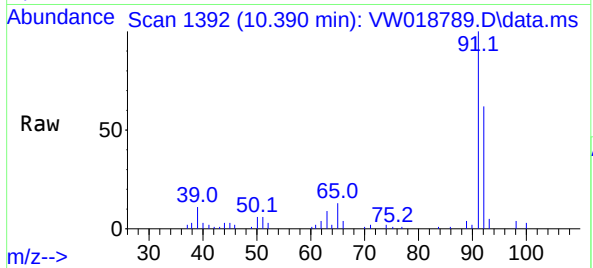




#42
Toluene
Concen: 0.50 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

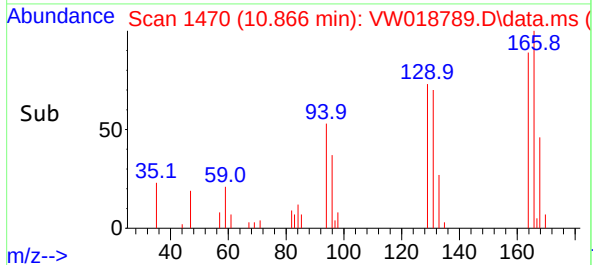
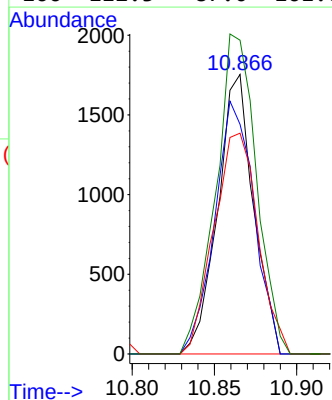
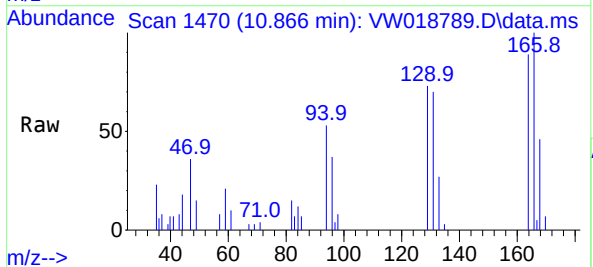
Instrument :
MSVOA_W
ClientSampled :
VIBLK123

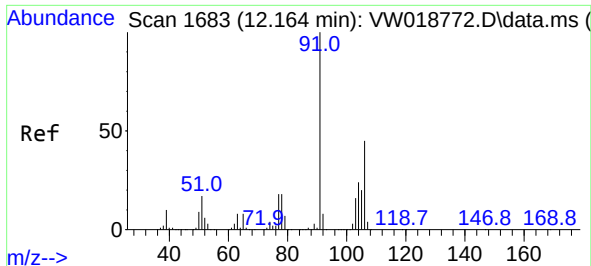
Tgt Ion: 91 Resp: 15578
Ion Ratio Lower Upper
91 100
92 61.9 39.5 73.3



#46
Tetrachloroethene
Concen: 0.50 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

Tgt Ion:164 Resp: 2658
Ion Ratio Lower Upper
164 100
129 82.2 66.7 123.9
131 79.0 61.1 113.5
166 112.3 87.0 161.6

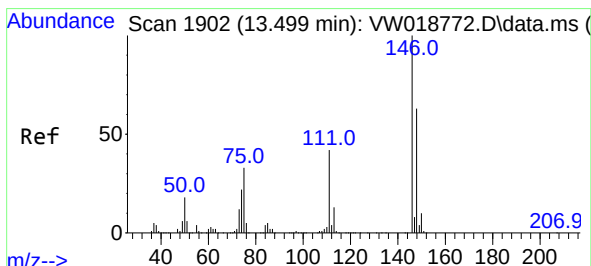
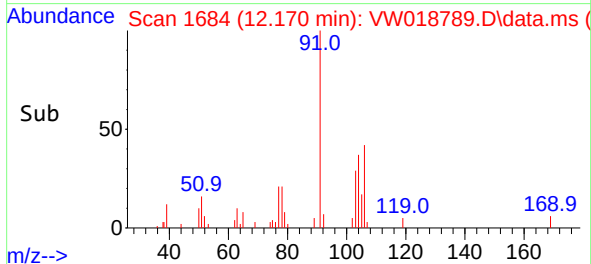
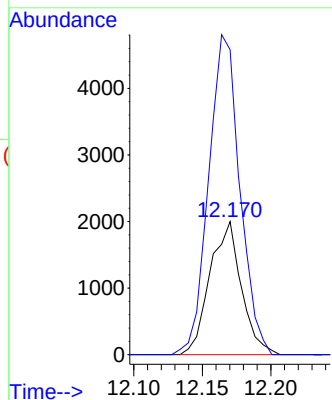
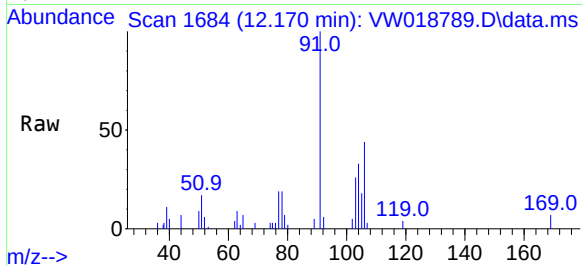




#54
o-Xylene
Concen: 0.26 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

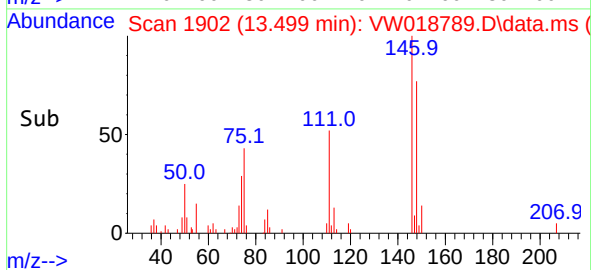
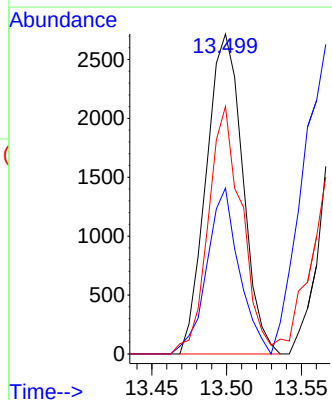
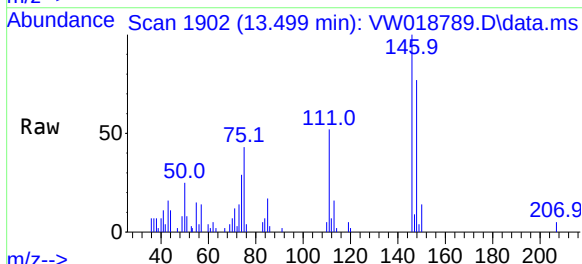
Instrument :
MSVOA_W
ClientSampled :
VIBLK123

Tgt Ion:106 Resp: 3196
Ion Ratio Lower Upper
106 100
91 229.0 150.0 278.6

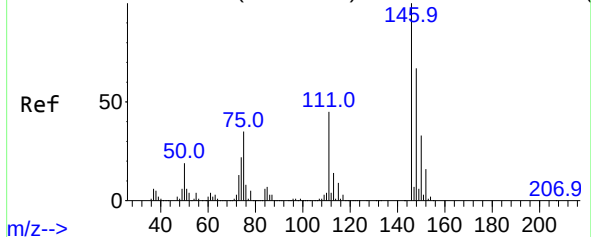


#64
1,3-Dichlorobenzene
Concen: 0.33 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

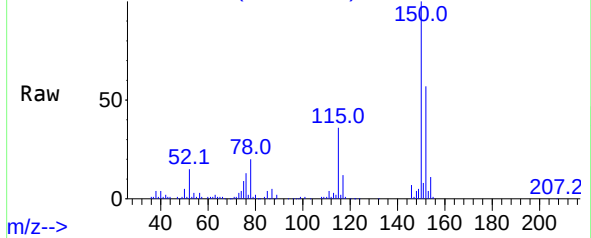
Tgt Ion:146 Resp: 4600
Ion Ratio Lower Upper
146 100
111 51.8 26.7 49.7#
148 77.3 41.1 76.3#



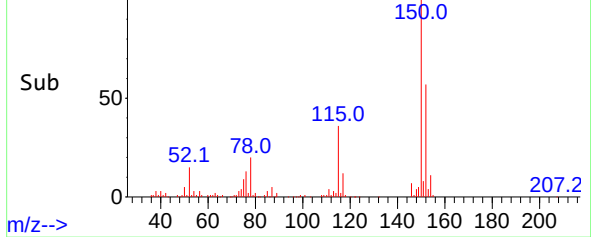
Abundance Scan 1963 (13.871 min): VW018772.D\data.ms (



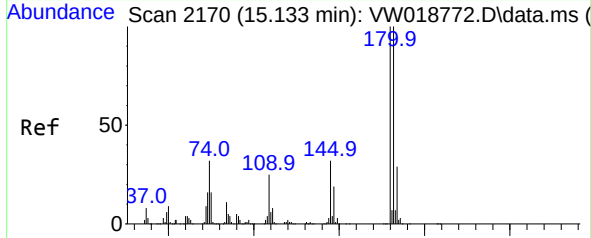
m/z--> Abundance Scan 1963 (13.871 min): VW018789.D\data.ms (



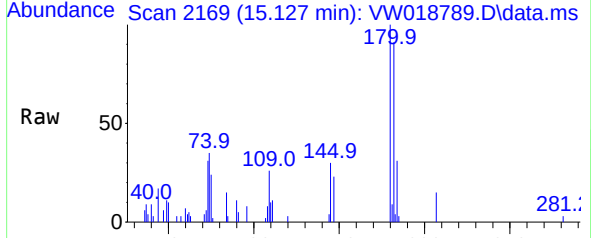
m/z--> Abundance Scan 1963 (13.871 min): VW018789.D\data.ms (



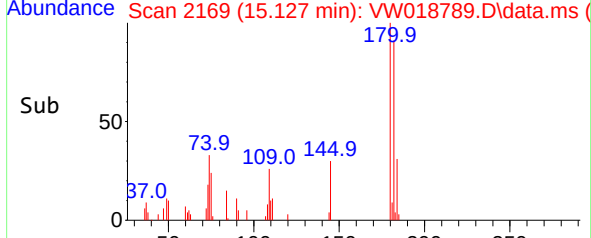
m/z--> Abundance Scan 2170 (15.133 min): VW018772.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW018789.D\data.ms (



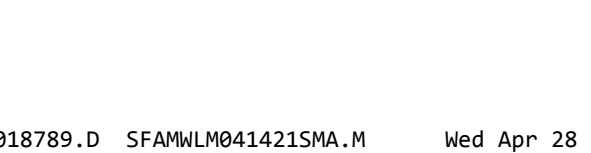
m/z--> Abundance Scan 2169 (15.127 min): VW018789.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW018789.D\data.ms (

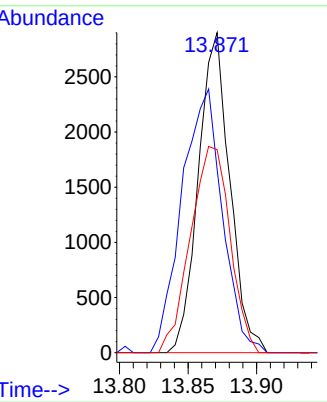


m/z--> Abundance Scan 2169 (15.127 min): VW018789.D\data.ms (



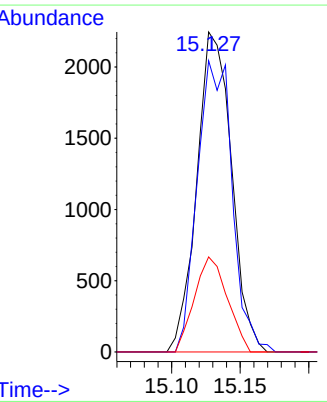
#67
1,2-Dichlorobenzene
Concen: 0.36 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018789.D
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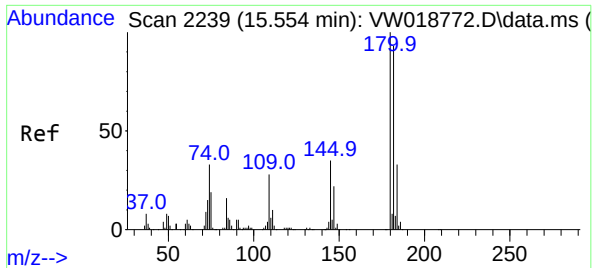
Tgt Ion:	146	Resp:	4626
Ion	Ratio	Lower	Upper
146	100		
111	57.3	33.2	49.8#
148	63.5	50.4	75.6



#70
1,2,4-trichlorobenzene
Concen: 0.49 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018789.D
Acq: 26 Apr 2021 18:22

Tgt Ion:	180	Resp:	3954
Ion	Ratio	Lower	Upper
180	100		
182	91.4	74.7	112.1
145	28.2	25.0	37.4





#72
1,2,3-Trichlorobenzene
Concen: 0.51 ug/L
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
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Instrument :
MSVOA_W
ClientSampleId :
VIBLK123

Tgt Ion:	180	Resp:	3690
Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.7	115.1
145	34.9	28.9	43.3

