

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017943.D
 Acq On : 18 Jan 2021 21:01
 Operator : SY/VA
 Sample : M1167-09
 Misc : 3.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT79

Quant Time: Jan 19 07:01:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

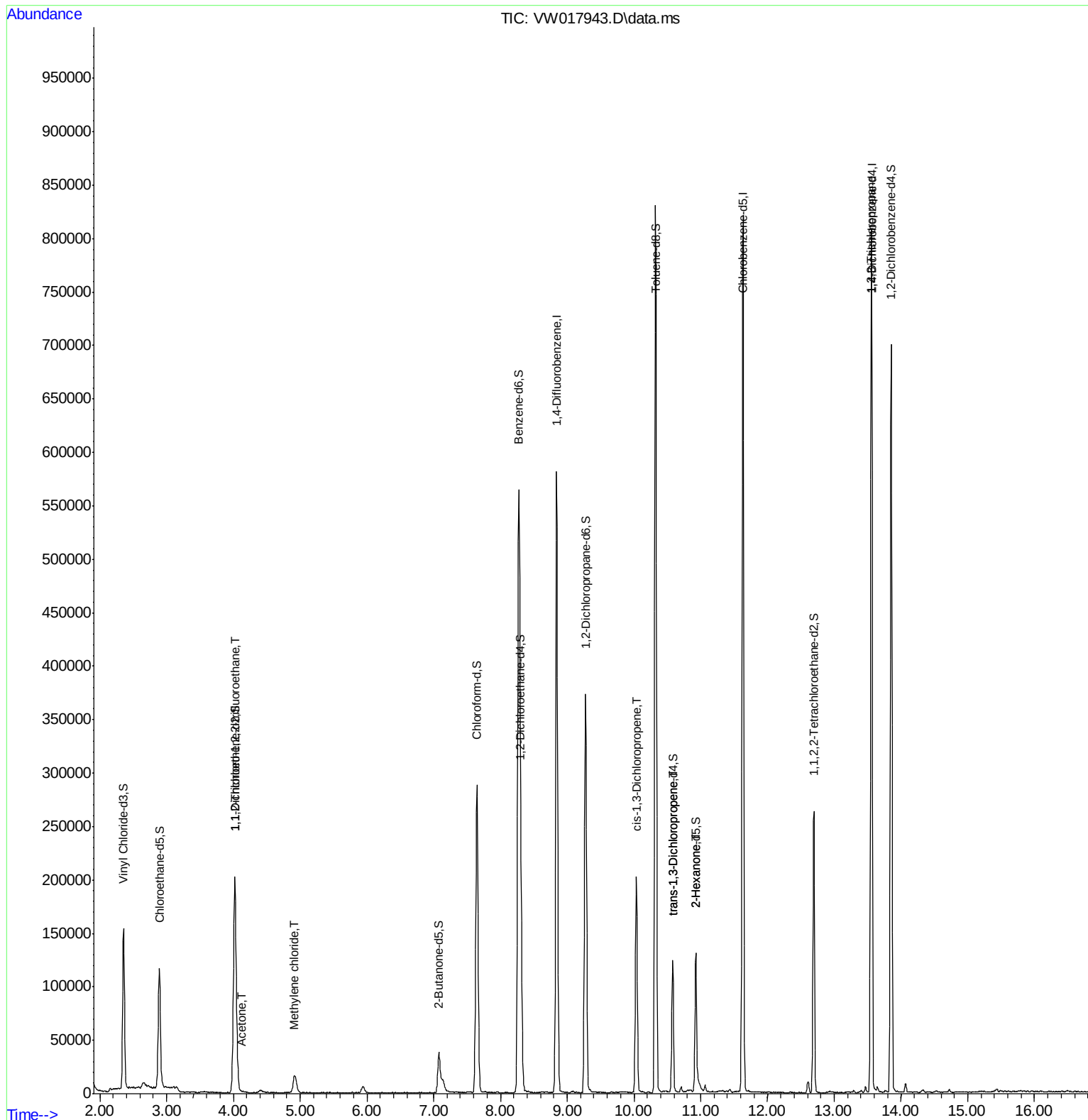
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	482145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	435387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	207024	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160523	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
7) Chloroethane-d5	2.892	69	129907	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	4.019	63	216181	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	7.074	46	64550	35.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.54%
24) Chloroform-d	7.647	84	285735	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.305	65	162213	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.275	84	571621	22.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.76%
33) 1,2-Dichloropropane-d6	9.275	67	162745	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	10.323	98	534166	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
38) trans-1,3-Dichloroprop...	10.579	79	64770	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.927	63	46562	36.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.26%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	121778	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	167922	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.019	101	2389	0.36	ug/L #	35
13) Acetone	4.123	43	467	0.36	ug/L	89
16) Methylene chloride	4.916	84	8559	1.23	ug/L	95
42) cis-1,3-Dichloropropene	10.037	75	5842	0.59	ug/L	86
45) trans-1,3-Dichloropropene	10.579	75	3567	0.41	ug/L	90
49) 2-Hexanone	10.927	43	6124	2.14	ug/L #	61
59) 1,2,3-Trichloropropane	13.554	75	28814	6.16	ug/L	99

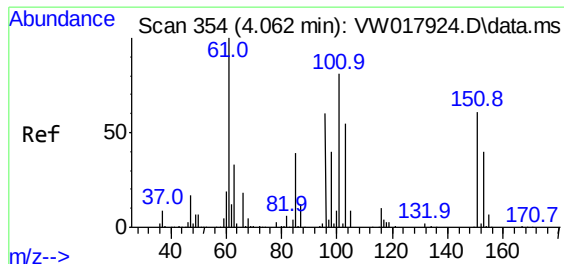
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration

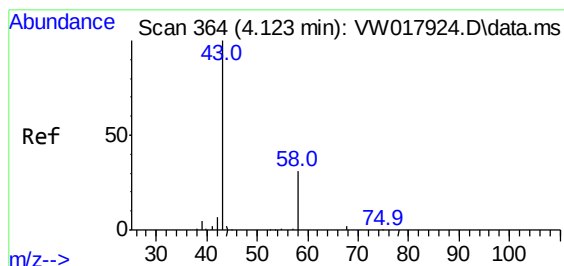
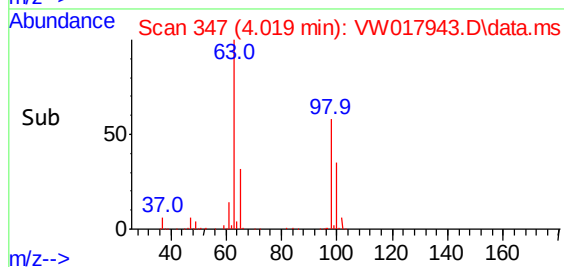
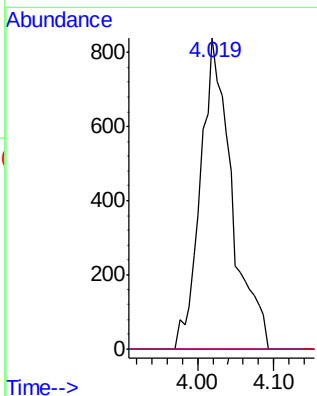
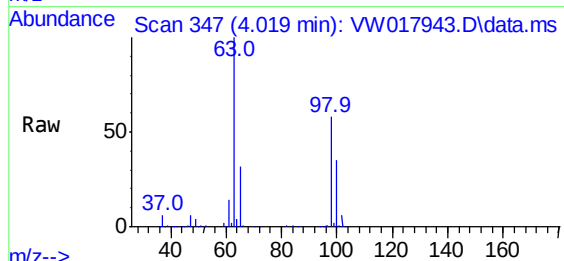




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.36 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.043 min
 Lab File: VW017943.D
 Acq: 18 Jan 2021 21:01

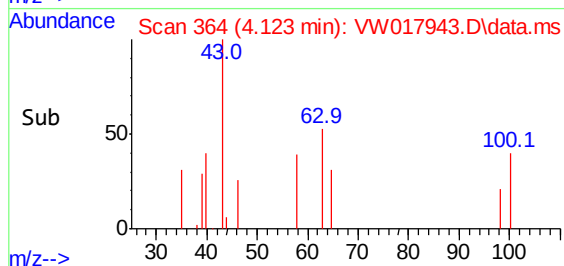
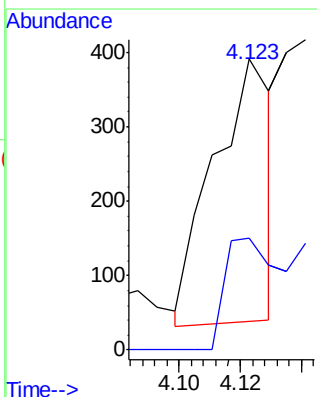
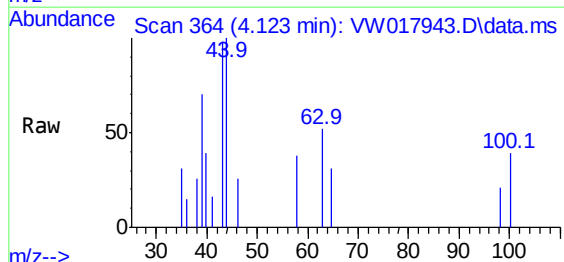
Instrument :
 MSVOA_W
 ClientSampled :
 BFT79

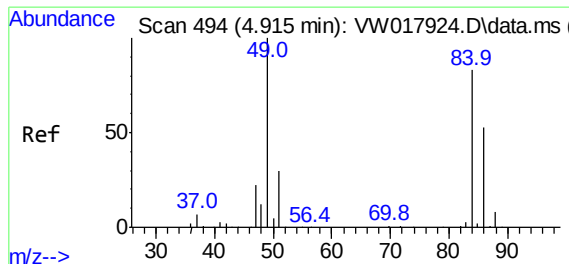
Tgt Ion:101 Resp: 2389
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 0.36 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW017943.D
 Acq: 18 Jan 2021 21:01

Tgt Ion: 43 Resp: 467
 Ion Ratio Lower Upper
 43 100
 58 40.5 0.0 68.4



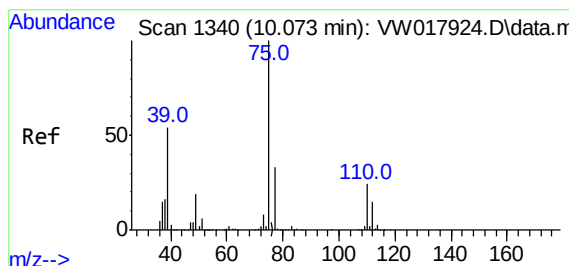
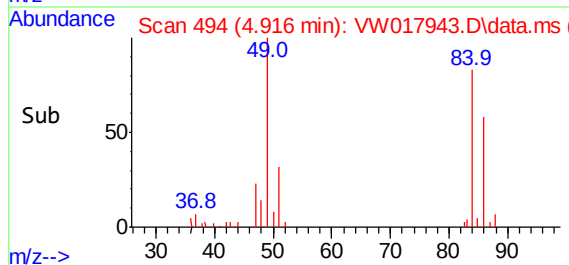
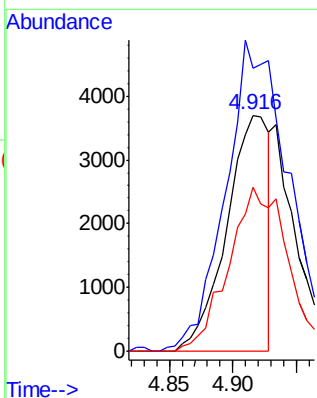
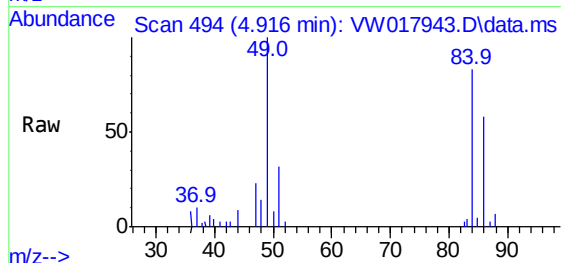


#16
Methylene chloride
Concen: 1.23 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW017943.D
Acq: 18 Jan 2021 21:01

Instrument :
MSVOA_W
ClientSampled :
BFT79

Tgt Ion: 84 Resp: 8559

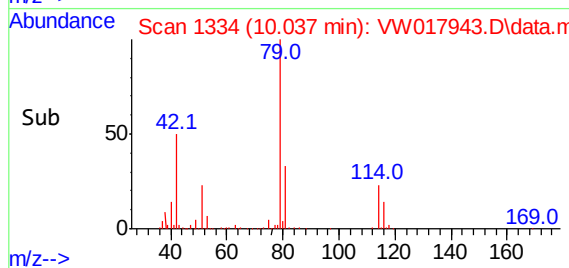
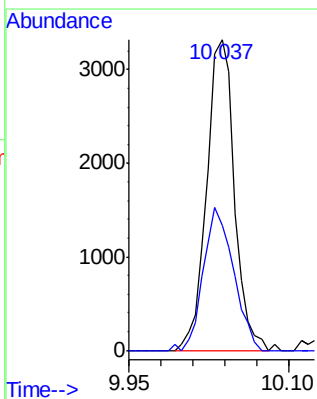
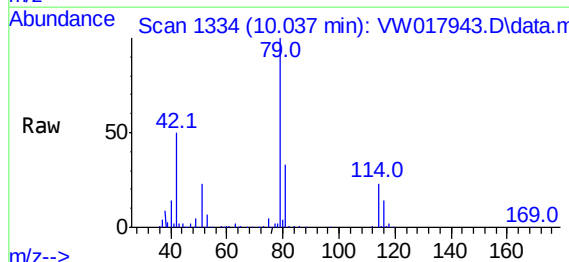
Ion	Ratio	Lower	Upper
84	100		
49	120.0	81.2	150.8
86	69.5	44.5	82.7

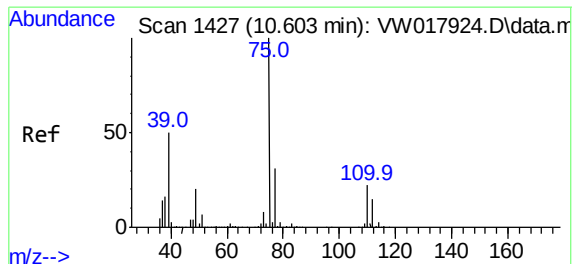


#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW017943.D
Acq: 18 Jan 2021 21:01

Tgt Ion: 75 Resp: 5842

Ion	Ratio	Lower	Upper
75	100		
77	40.1	22.7	42.3

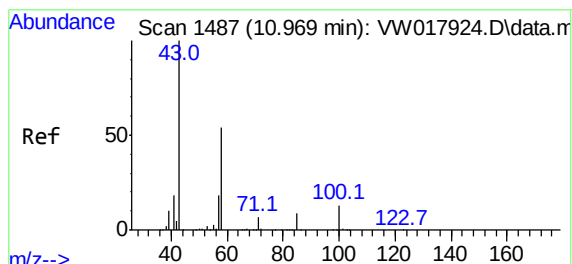
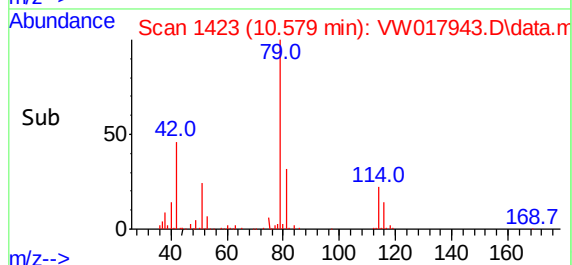
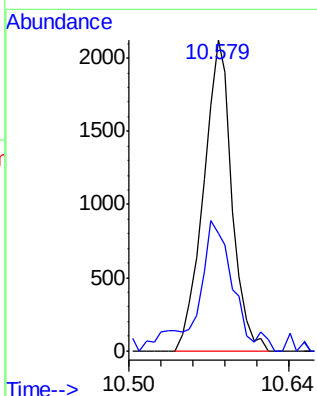
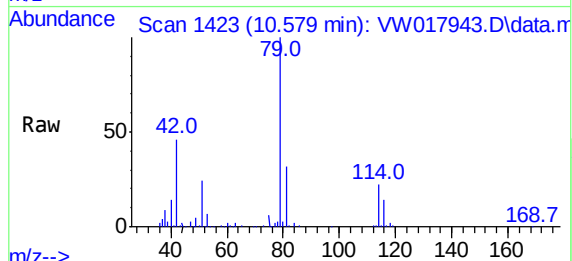




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017943.D
Acq: 18 Jan 2021 21:01

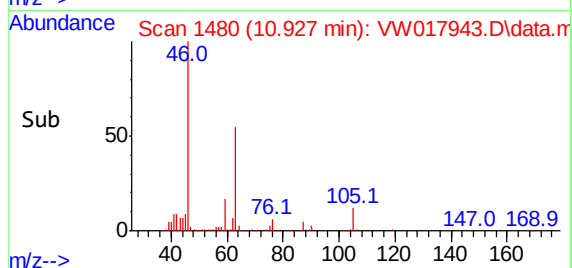
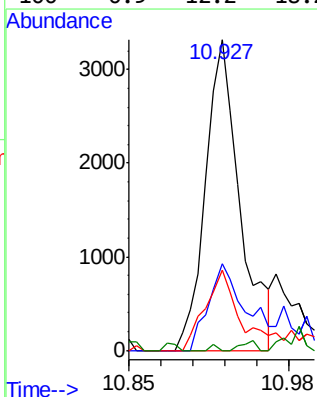
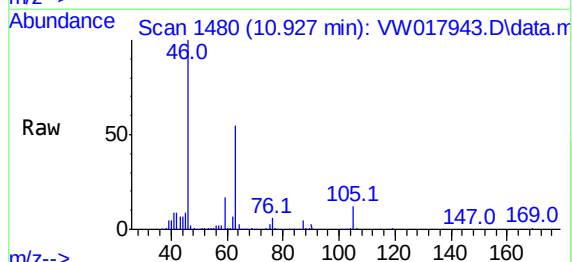
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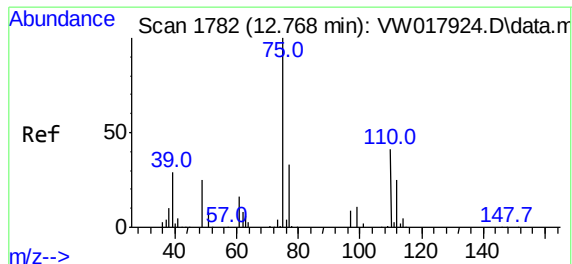
Tgt Ion: 75 Resp: 3567
Ion Ratio Lower Upper
75 100
77 37.7 22.6 42.0



#49
2-Hexanone
Concen: 2.14 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW017943.D
Acq: 18 Jan 2021 21:01

Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
58 25.7 51.3 76.9#
57 21.7 15.0 22.6
100 0.9 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 6.16 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW017943.D
 Acq: 18 Jan 2021 21:01

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT79

Tgt Ion: 75 Resp: 28814
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8

