

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017945.D
 Acq On : 18 Jan 2021 21:48
 Operator : SY/VA
 Sample : M1167-11
 Misc : 5.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT81

Quant Time: Jan 19 07:01:56 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)

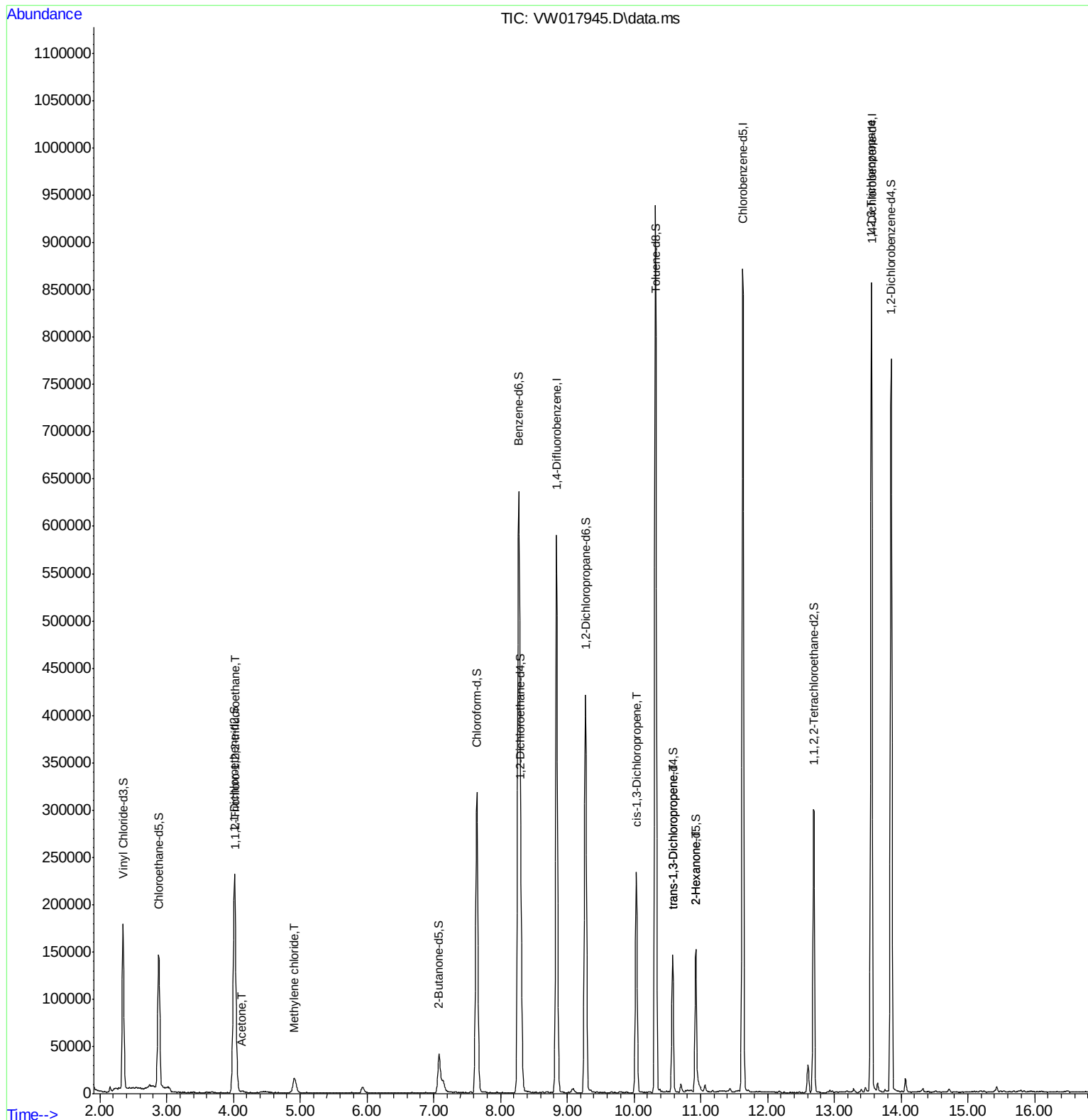
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	485997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	463863	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	220132	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	174557	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.879	69	154223	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.013	63	232798	16.89	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	7.080	46	69771	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	7.647	84	310344	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.305	65	182781	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.275	84	628835	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.274	67	184311	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
37) Toluene-d8	10.323	98	600471	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.36%
38) trans-1,3-Dichloroprop...	10.579	79	75172	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	10.927	63	52193	38.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.08%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	143334	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.32%
61) 1,2-Dichlorobenzene-d4	13.853	152	196293	25.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.52%
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	2366	0.35	ug/L #	35
13) Acetone	4.123	43	791	0.61	ug/L	100
16) Methylene chloride	4.915	84	12708	1.80	ug/L	90
42) cis-1,3-Dichloropropene	10.036	75	7121	0.68	ug/L #	64
45) trans-1,3-Dichloropropene	10.579	75	4091	0.44	ug/L	87
49) 2-Hexanone	10.927	43	6559	2.15	ug/L #	58
59) 1,2,3-Trichloropropane	13.554	75	28913	5.80	ug/L	98

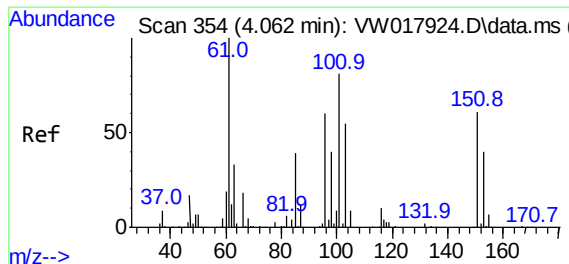
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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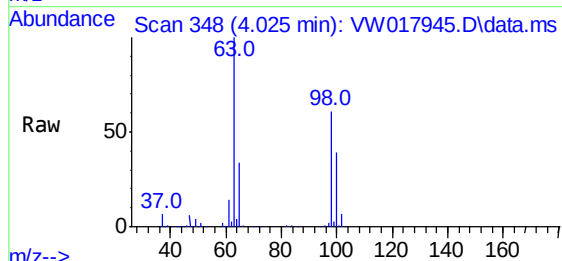
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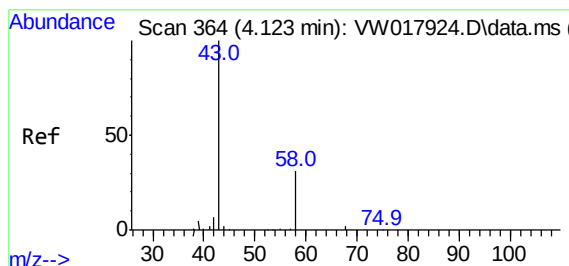
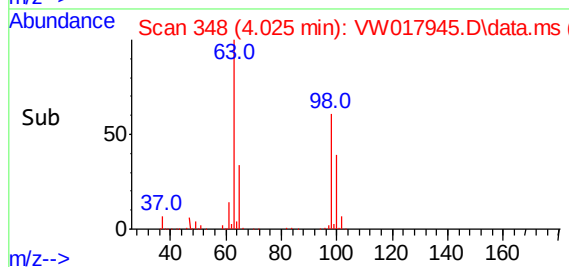
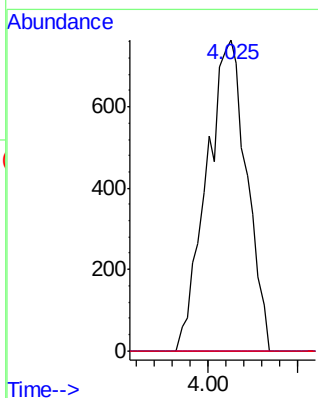
#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.35 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.037 min
 Lab File: VW017945.D
 Acq: 18 Jan 2021 21:48

Instrument :
 MSVOA_W
 ClientSampled :
 BFT81



Tgt Ion: 101 Resp: 2366

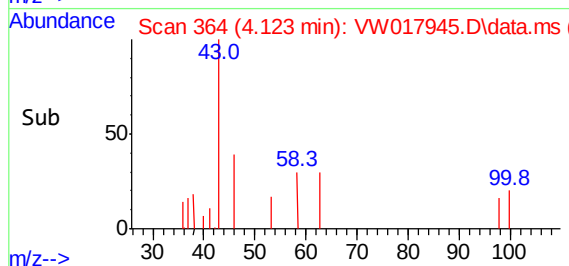
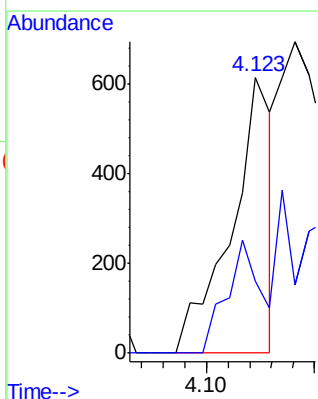
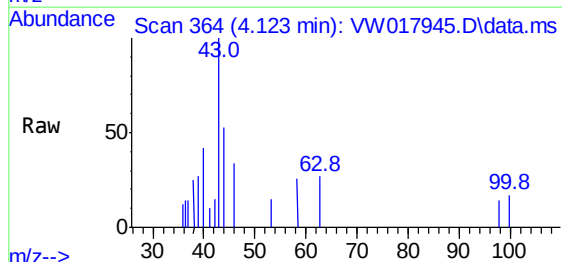
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	30.4	45.6#

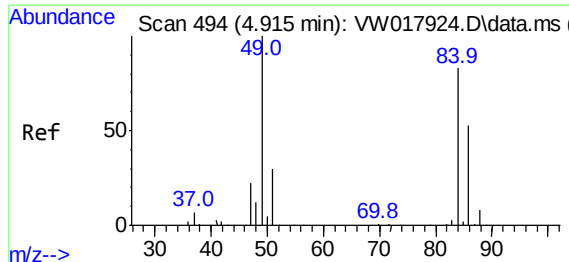


#13
 Acetone
 Concen: 0.61 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW017945.D
 Acq: 18 Jan 2021 21:48

Tgt Ion: 43 Resp: 791

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	68.4



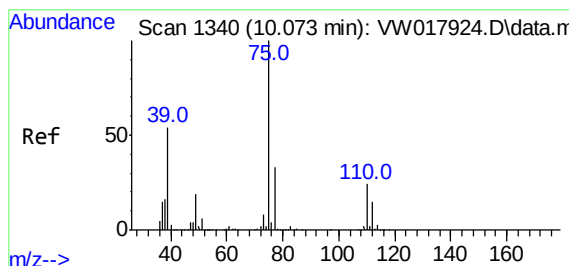
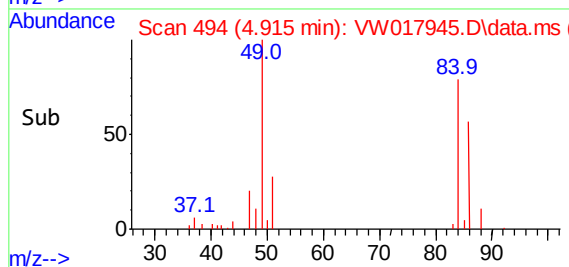
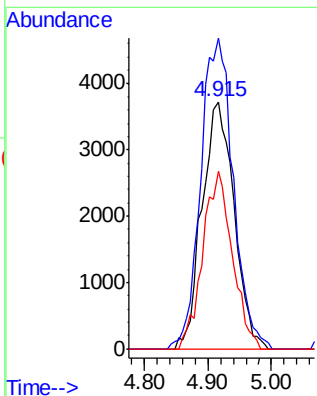
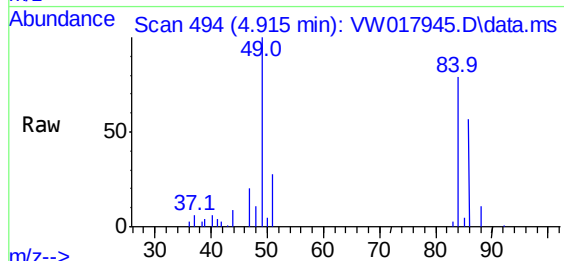


#16
Methylene chloride
Concen: 1.80 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017945.D
Acq: 18 Jan 2021 21:48

Instrument :
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BFT81

Tgt Ion: 84 Resp: 12708

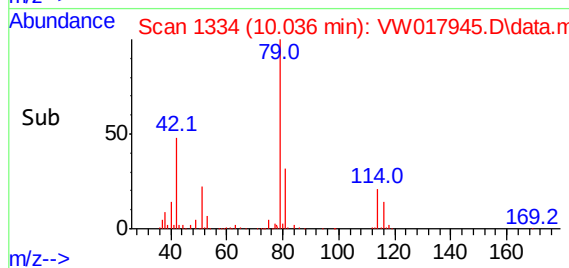
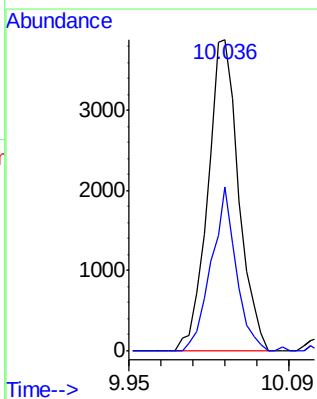
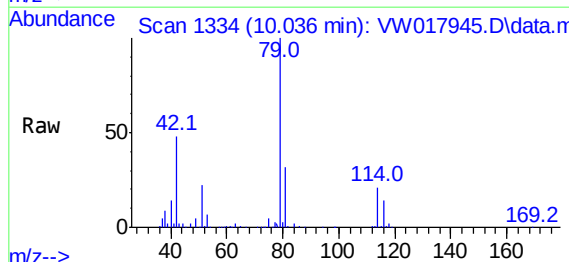
Ion	Ratio	Lower	Upper
84	100		
49	125.9	81.2	150.8
86	72.1	44.5	82.7

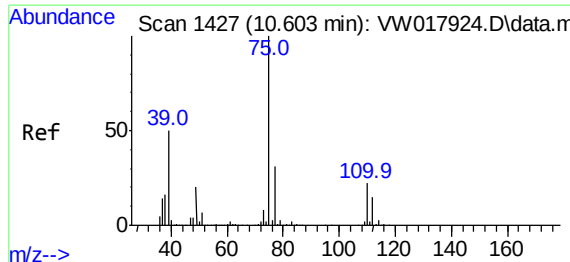


#42
cis-1,3-Dichloropropene
Concen: 0.68 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017945.D
Acq: 18 Jan 2021 21:48

Tgt Ion: 75 Resp: 7121

Ion	Ratio	Lower	Upper
75	100		
77	52.5	22.7	42.3

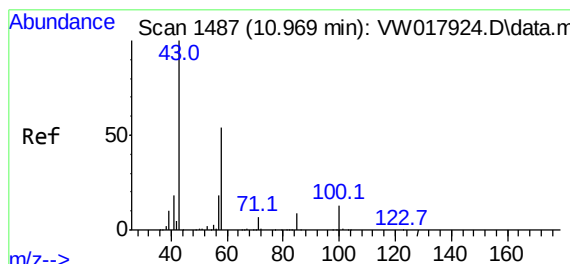
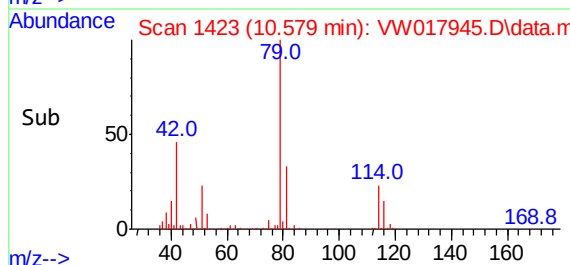
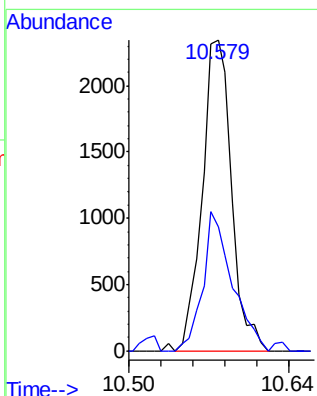
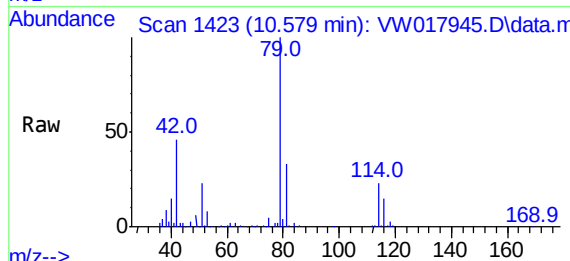




#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017945.D
Acq: 18 Jan 2021 21:48

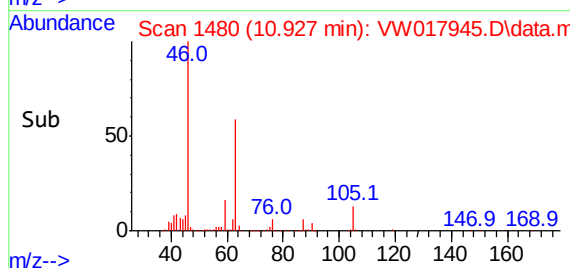
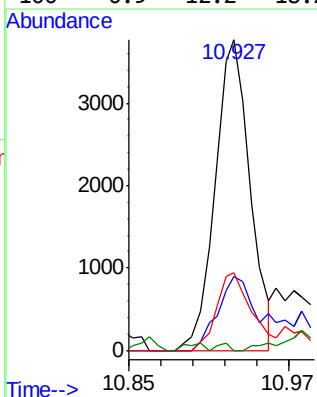
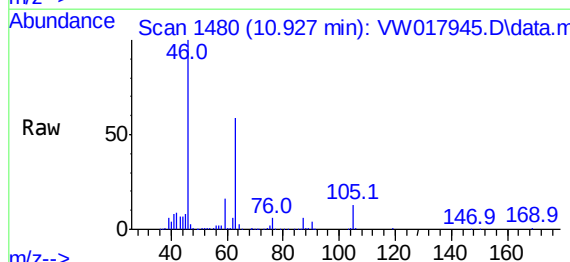
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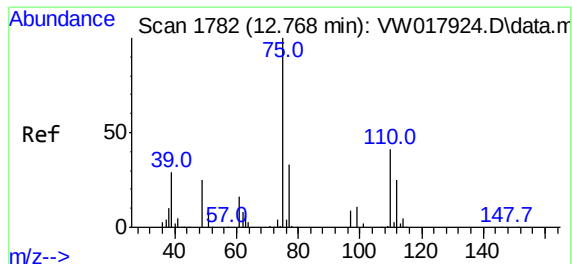
Tgt Ion: 75 Resp: 4091
Ion Ratio Lower Upper
75 100
77 39.7 22.6 42.0



#49
2-Hexanone
Concen: 2.15 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW017945.D
Acq: 18 Jan 2021 21:48

Tgt Ion: 43 Resp: 6559
Ion Ratio Lower Upper
43 100
58 23.3 51.3 76.9#
57 25.4 15.0 22.6#
100 0.9 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.80 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW017945.D
 Acq: 18 Jan 2021 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT81

Tgt Ion: 75 Resp: 28913
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.6 39.8

