

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
 Data File : VW019530.D
 Acq On : 21 Jul 2021 13:49
 Operator : SY/VA
 Sample : M3106-02
 Misc : 6.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 01:01:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 22 00:59:45 2021
 Response via : Initial Calibration

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

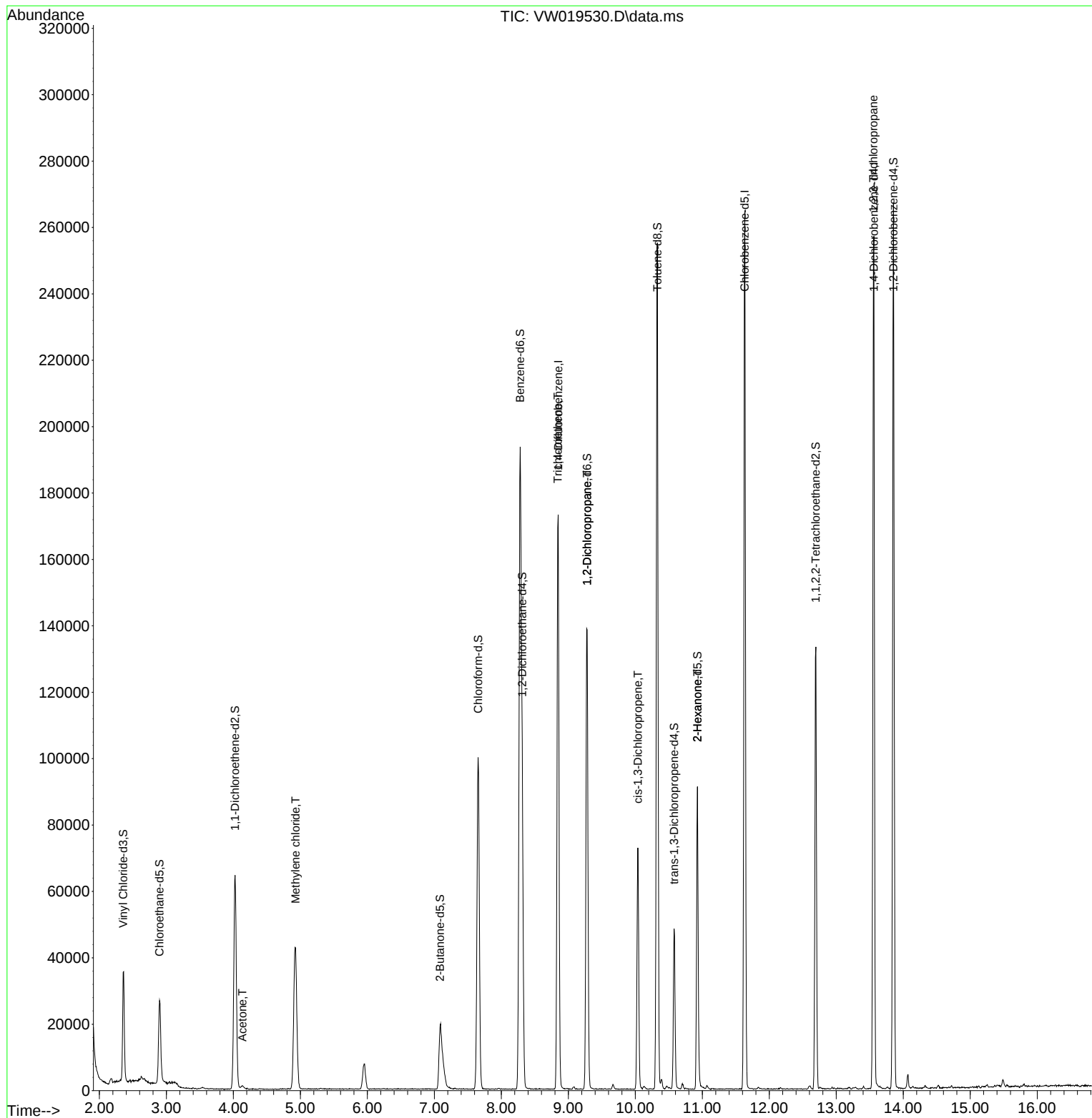
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	144410	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	147170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34020	16.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.520%
7) Chloroethane-d5	2.898	69	32000	21.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.026	63	64340	16.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.200%
21) 2-Butanone-d5	7.086	46	32016	53.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.820%
24) Chloroform-d	7.653	84	105369	26.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.311	65	68507	31.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.160%
32) Benzene-d6	8.281	84	200319	22.866	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.281	67	68579	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.329	98	172412	21.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.320%
43) trans-1,3-Dichloroprop...	10.579	79	28619	24.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.880%
47) 2-Hexanone-d5	10.927	63	29705	58.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.280%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	69009	31.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	67391	27.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	2066	4.721	ug/L	84
16) Methylene chloride	4.928	84	34292	11.911	ug/L	99
34) Trichloroethene	8.842	95	4443	1.890	ug/L #	5
37) 1,2-Dichloropropane	9.281	63	7593	3.253	ug/L #	85
39) cis-1,3-Dichloropropene	10.037	75	1711	0.479	ug/L #	72
48) 2-Hexanone	10.927	43	3608	3.595	ug/L #	67
61) 1,2,3-Trichloropropane	13.554	75	8062	5.348	ug/L #	62

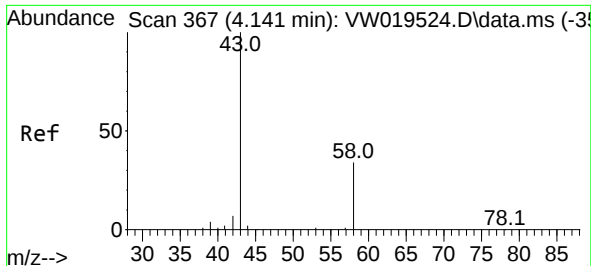
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Jul 22 01:01:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 22 00:59:45 2021
Response via : Initial Calibration

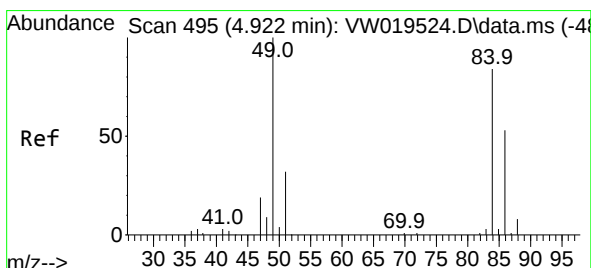
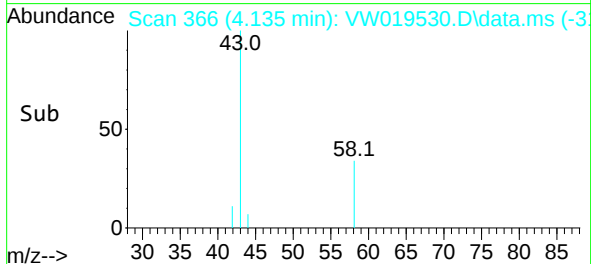
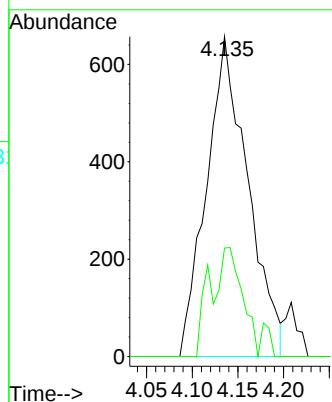
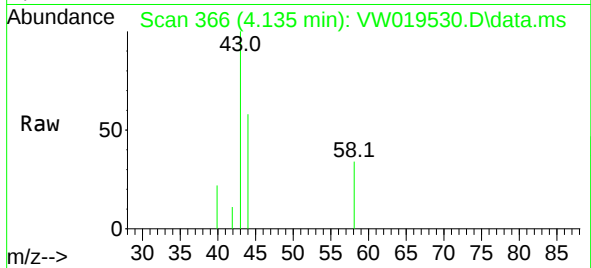




#13
Acetone
Concen: 4.721 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019530.D
Acq: 21 Jul 2021 13:49

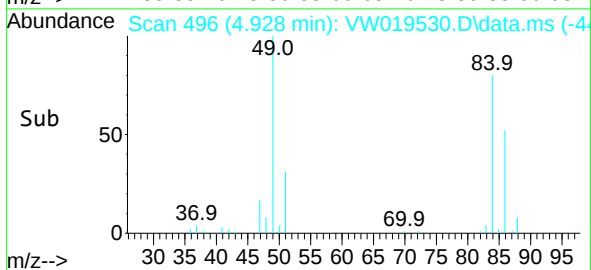
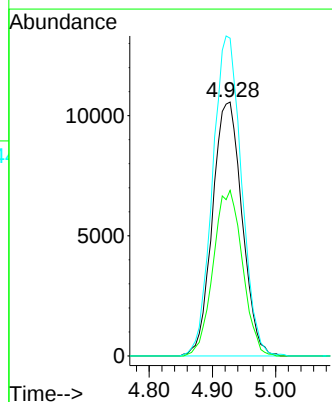
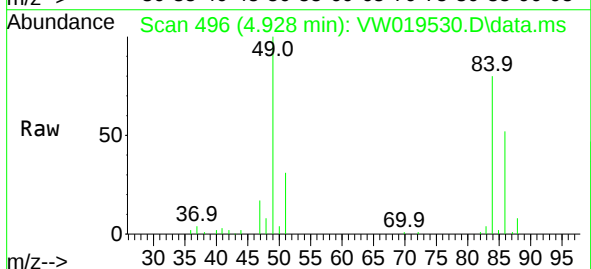
Instrument :
MSVOA_W
ClientSampleId :

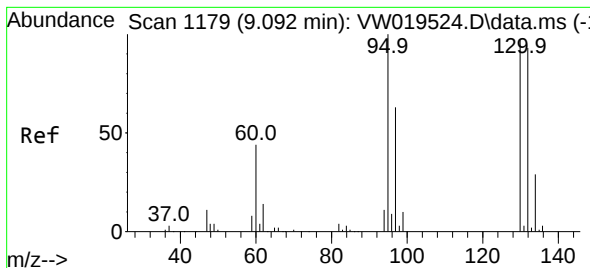
Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 18.9 0.0 53.8



#16
Methylene chloride
Concen: 11.911 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019530.D
Acq: 21 Jul 2021 13:49

Tgt Ion: 84 Resp: 34292
Ion Ratio Lower Upper
84 100
86 65.2 45.3 84.1
49 125.1 86.6 160.8





#34

Trichloroethene

Concen: 1.890 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019530.D

Acq: 21 Jul 2021 13:49

Tgt Ion: 95 Resp: 4443

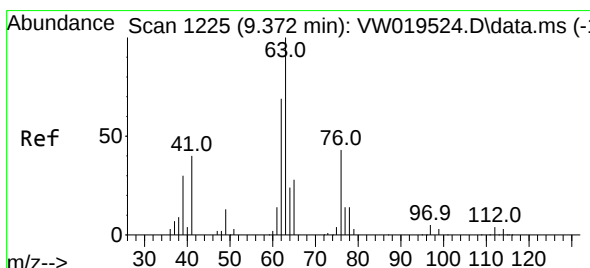
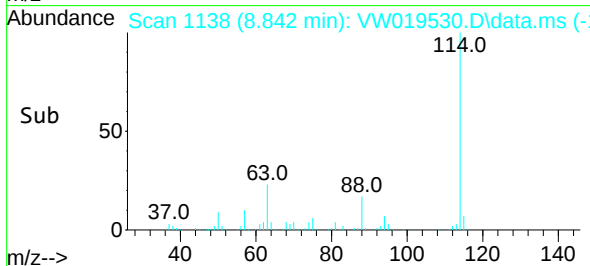
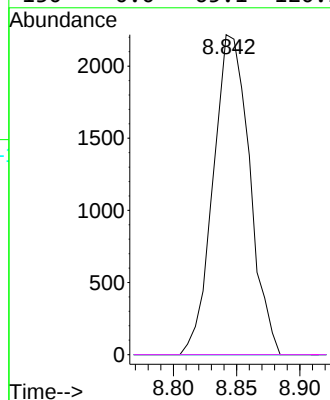
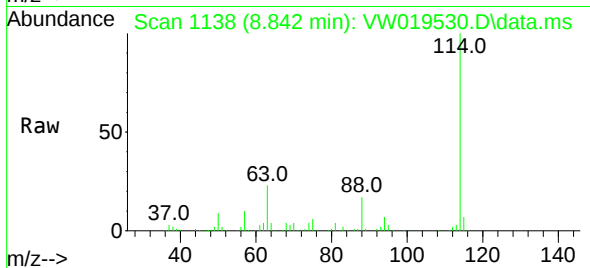
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#



#37

1,2-Dichloropropane

Concen: 3.253 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.091 min

Lab File: VW019530.D

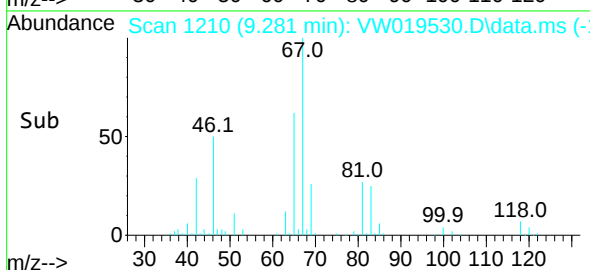
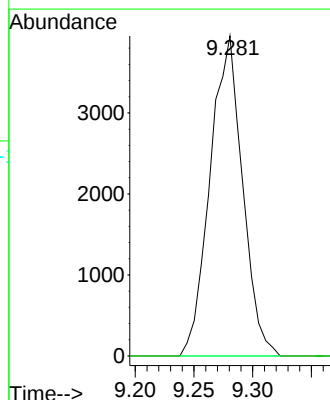
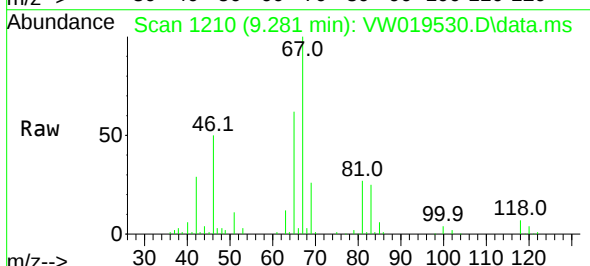
Acq: 21 Jul 2021 13:49

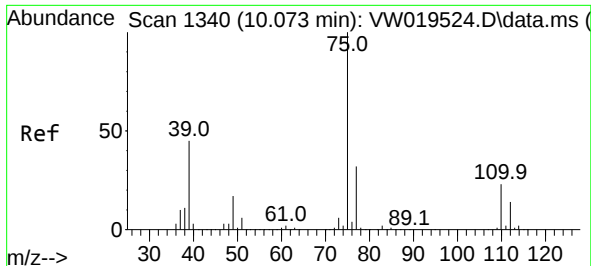
Tgt Ion: 63 Resp: 7593

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

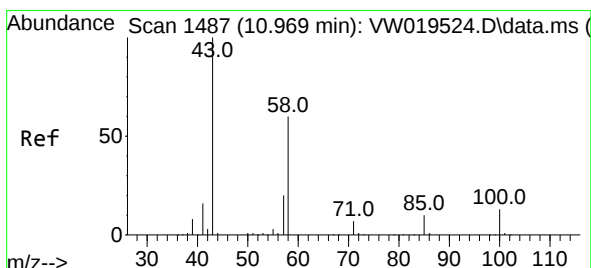
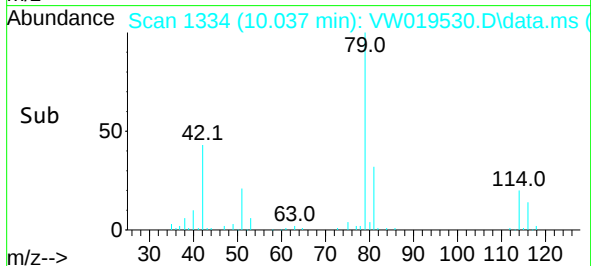
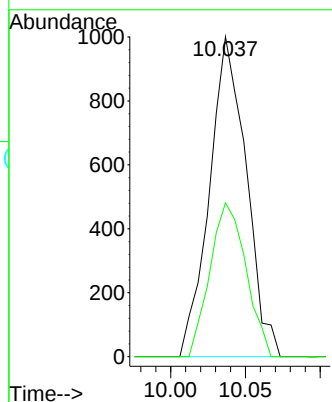
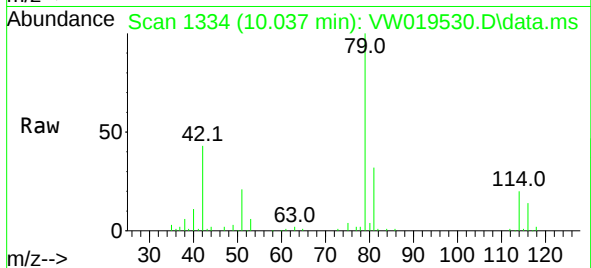




#39
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019530.D
Acq: 21 Jul 2021 13:49

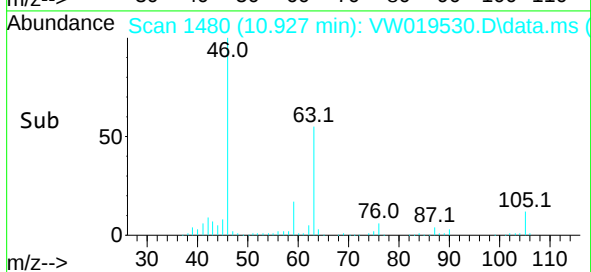
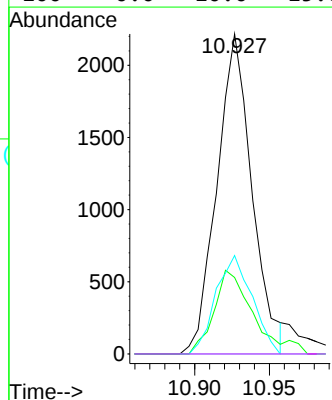
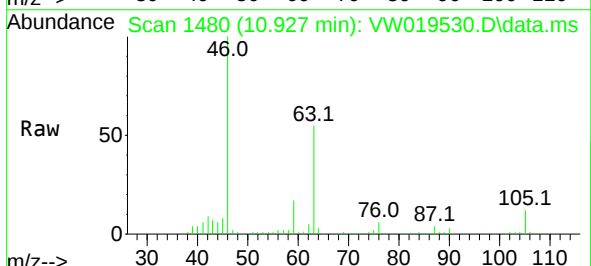
Instrument :
MSVOA_W
ClientSampled :

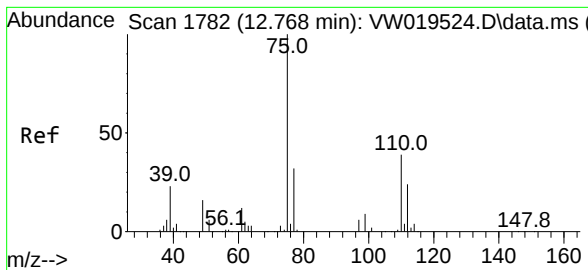
Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
77 48.1 22.6 42.0#



#48
2-Hexanone
Concen: 3.595 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019530.D
Acq: 21 Jul 2021 13:49

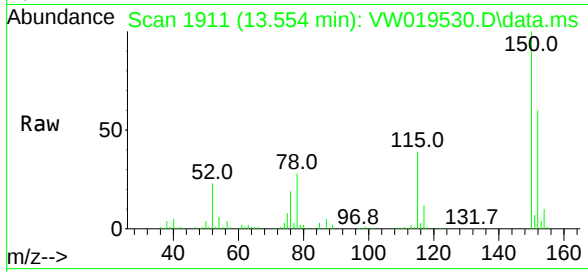
Tgt Ion: 43 Resp: 3608
Ion Ratio Lower Upper
43 100
58 27.5 42.7 64.1#
57 32.0 15.8 23.8#
100 0.0 10.0 15.0#





#61
 1,2,3-Trichloropropane
 Concen: 5.348 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW019530.D
 Acq: 21 Jul 2021 13:49

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	8062
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.3	37.9
110	2.3	32.6	48.8#

