

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090121\
 Data File : VW019974.D
 Acq On : 01 Sep 2021 14:20
 Operator : SY/VA
 Sample : M3579-10RE
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 GB6B2RE

Quant Time: Sep 02 03:58:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 02 03:54:23 2021
 Response via : Initial Calibration

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

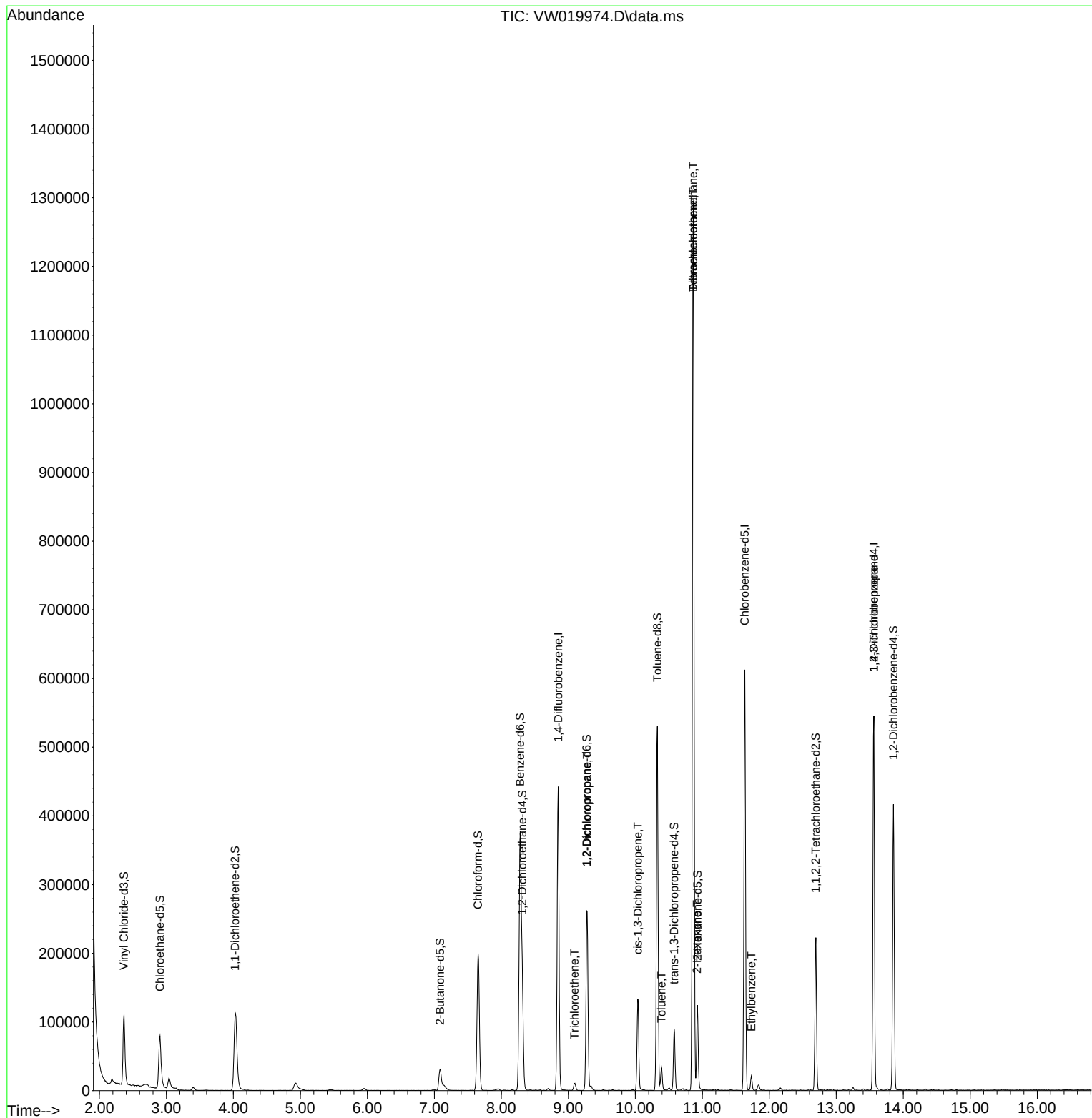
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	351997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	335916	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	140505	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	113462	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.20%		
7) Chloroethane-d5	2.904	69	103909	21.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.84%		
11) 1,1-Dichloroethene-d2	4.025	63	125335	13.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.96%		
21) 2-Butanone-d5	7.086	46	51940	46.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.78%		
24) Chloroform-d	7.653	84	202815	20.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.80%		
26) 1,2-Dichloroethane-d4	8.311	65	115769	22.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.76%		
32) Benzene-d6	8.281	84	389342	20.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.32%		
36) 1,2-Dichloropropane-d6	9.274	67	122044	21.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.16%		
41) Toluene-d8	10.329	98	342935	19.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.16%		
43) trans-1,3-Dichloroprop...	10.579	79	50105	20.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.64%		
47) 2-Hexanone-d5	10.927	63	40756	50.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.88%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107830	22.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.36%		
66) 1,2-Dichlorobenzene-d4	13.853	152	106679	22.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.52%		
Target Compounds						Qvalue
34) Trichloroethene	9.092	95	3493	0.65	ug/L	78
37) 1,2-Dichloropropane	9.281	63	14166	2.77	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3510	0.47	ug/L #	81
42) Toluene	10.390	91	23459	1.07	ug/L	94
46) Tetrachloroethene	10.866	164	279574	68.86	ug/L	91
48) 2-Hexanone	10.921	43	5214	2.76	ug/L #	67
49) Dibromochloromethane	10.866	129	265119	62.70	ug/L #	13
52) Ethylbenzene	11.731	91	13813	0.59	ug/L	99
61) 1,2,3-Trichloropropane	13.560	75	18434	6.69	ug/L #	65

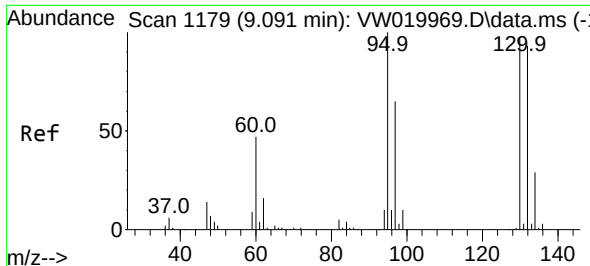
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GB6B2RE

Quant Time: Sep 02 03:58:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 02 03:54:23 2021
Response via : Initial Calibration



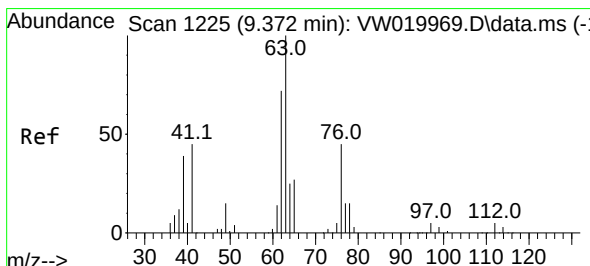
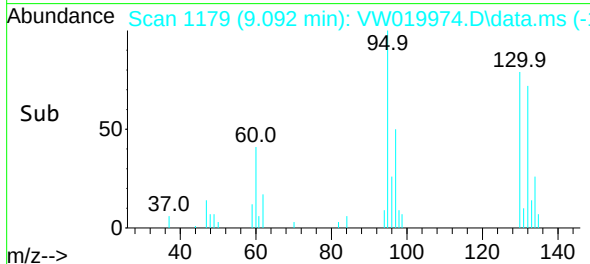
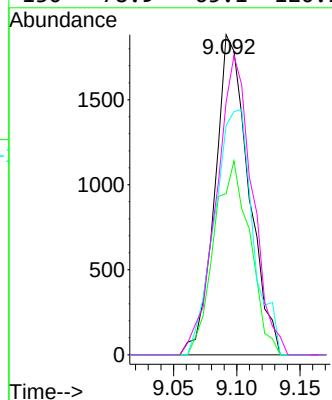
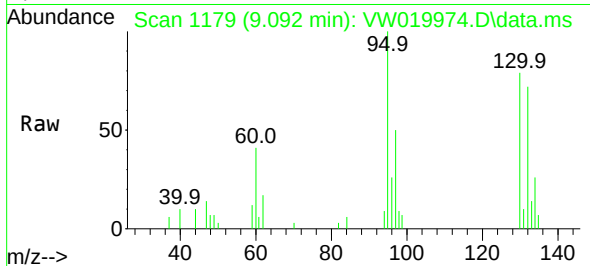


#34
Trichloroethene
Concen: 0.65 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019974.D
Acq: 01 Sep 2021 14:20

Instrument :
MSVOA_W
ClientSampleId :
GB6B2RE

Tgt Ion: 95 Resp: 3493

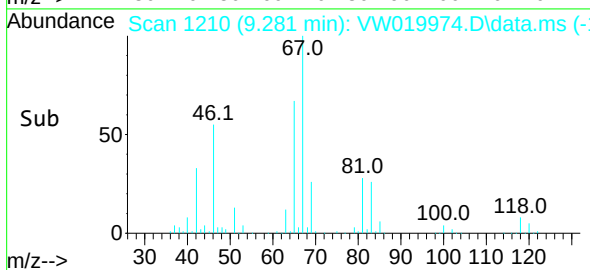
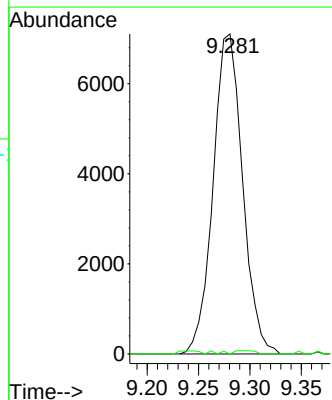
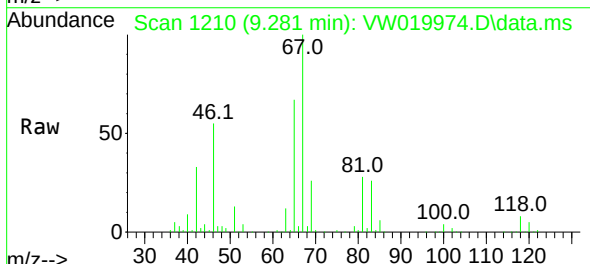
Ion	Ratio	Lower	Upper
95	100		
97	50.3	47.3	87.8
132	71.6	71.0	131.8
130	78.9	65.1	120.9

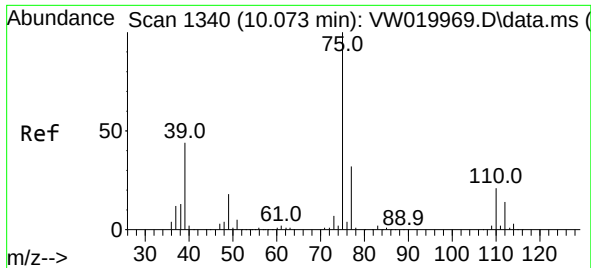


#37
1,2-Dichloropropane
Concen: 2.77 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019974.D
Acq: 01 Sep 2021 14:20

Tgt Ion: 63 Resp: 14166

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.9	5.9#

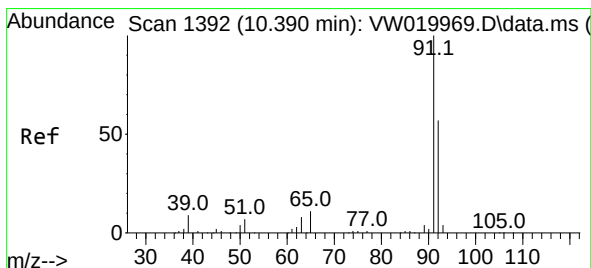
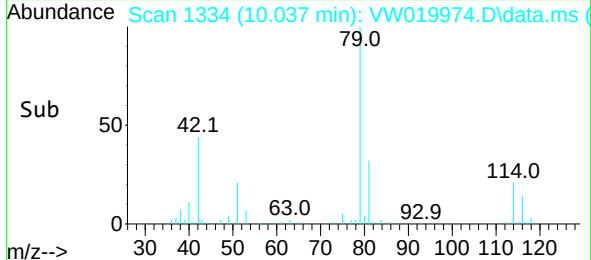
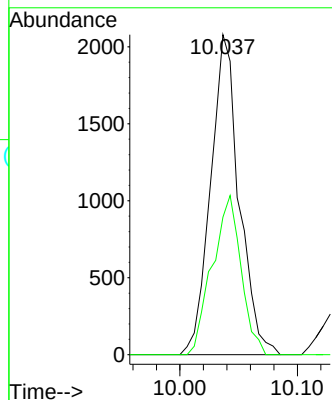
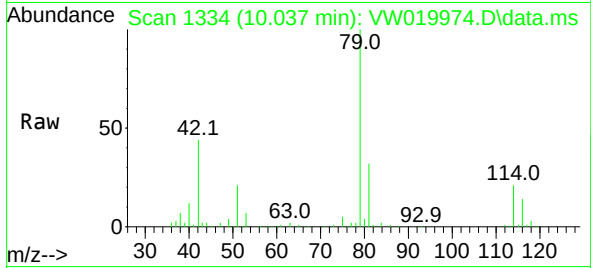




#39
 cis-1,3-Dichloropropene
 Concen: 0.47 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW019974.D
 Acq: 01 Sep 2021 14:20

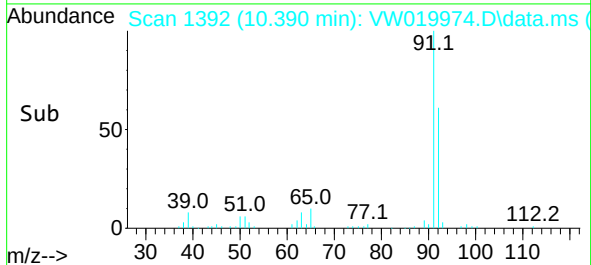
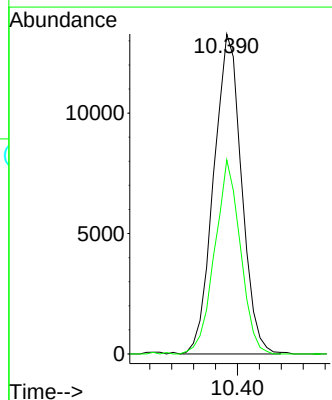
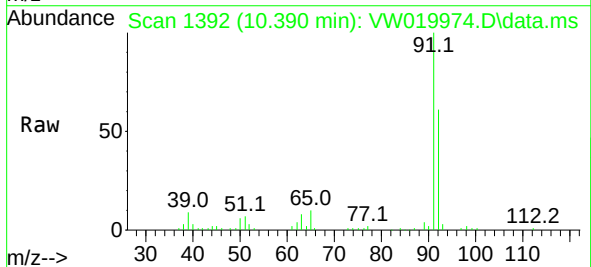
Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B2RE

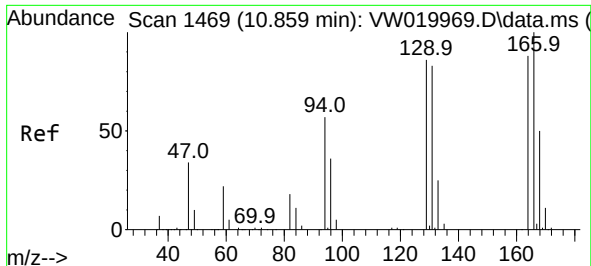
Tgt Ion: 75 Resp: 3510
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.6 42.0#



#42
 Toluene
 Concen: 1.07 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW019974.D
 Acq: 01 Sep 2021 14:20

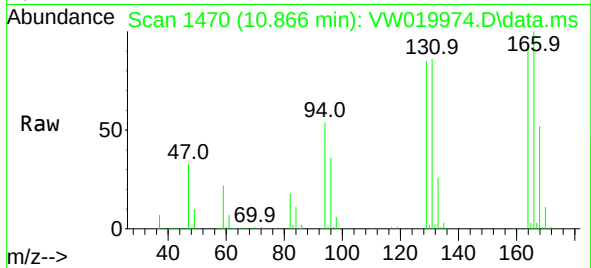
Tgt Ion: 91 Resp: 23459
 Ion Ratio Lower Upper
 91 100
 92 60.6 39.5 73.3





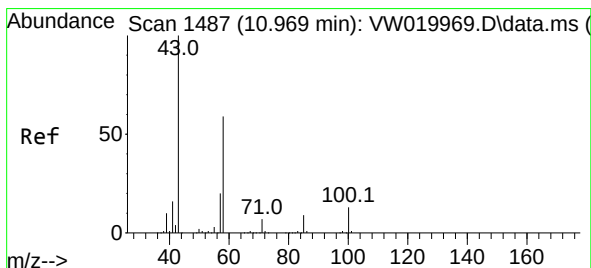
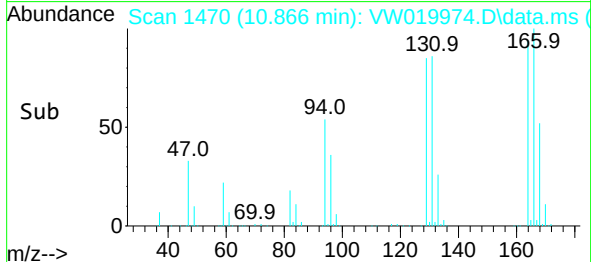
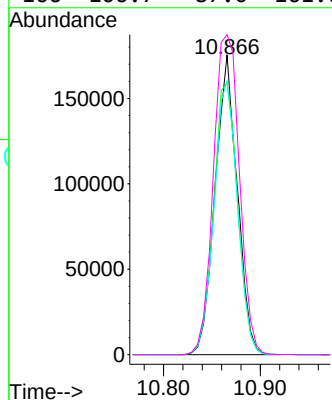
#46
Tetrachloroethene
Concen: 68.86 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019974.D
Acq: 01 Sep 2021 14:20

Instrument :
MSVOA_W
ClientSampled :
GB6B2RE

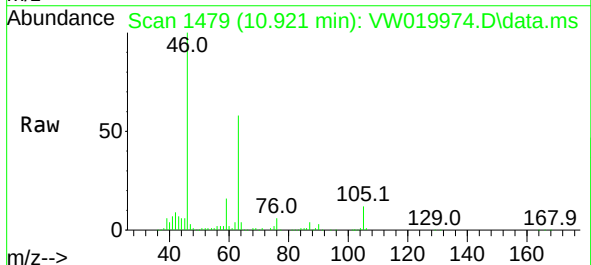


Tgt Ion:164 Resp: 279574

Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.7	123.9
131	91.3	61.1	113.5
166	106.7	87.0	161.6

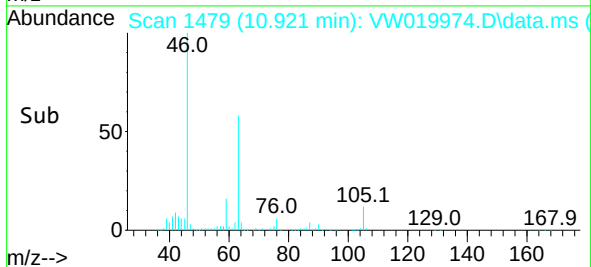
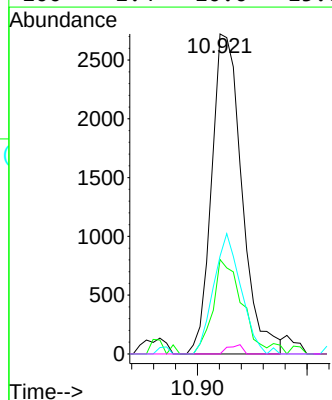


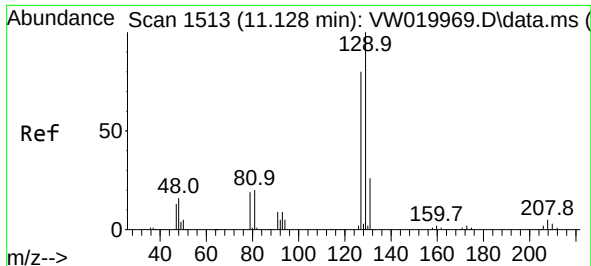
#48
2-Hexanone
Concen: 2.76 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW019974.D
Acq: 01 Sep 2021 14:20



Tgt Ion: 43 Resp: 5214

Ion	Ratio	Lower	Upper
43	100		
58	28.0	42.7	64.1#
57	33.8	15.8	23.8#
100	1.4	10.0	15.0#





#49

Dibromochloromethane

Concen: 62.70 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.262 min

Lab File: VW019974.D

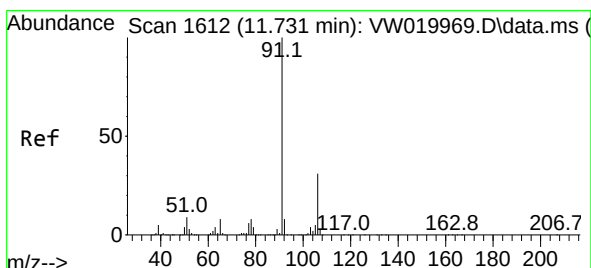
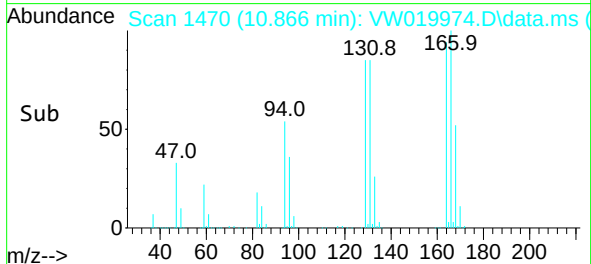
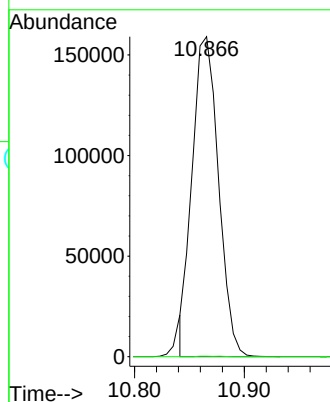
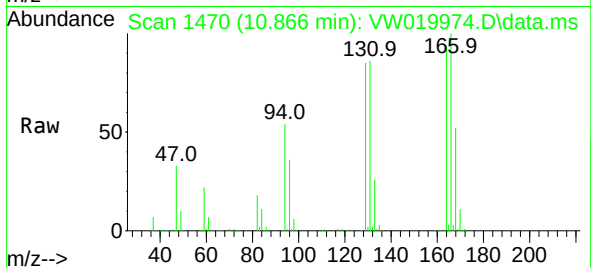
Acq: 01 Sep 2021 14:20

Tgt Ion:129 Resp: 265119

Ion Ratio Lower Upper

129 100

127 0.2 51.7 95.9#



#52

Ethylbenzene

Concen: 0.59 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW019974.D

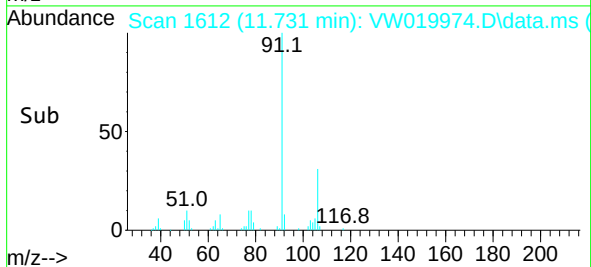
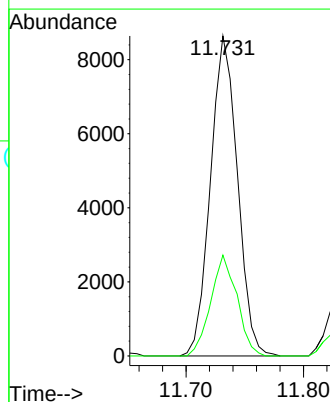
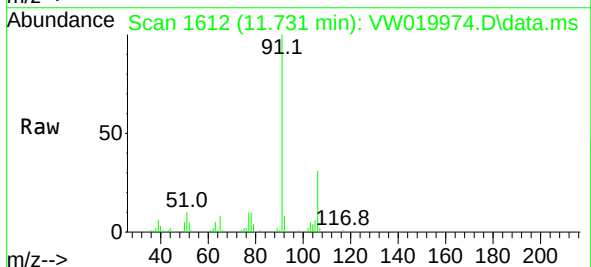
Acq: 01 Sep 2021 14:20

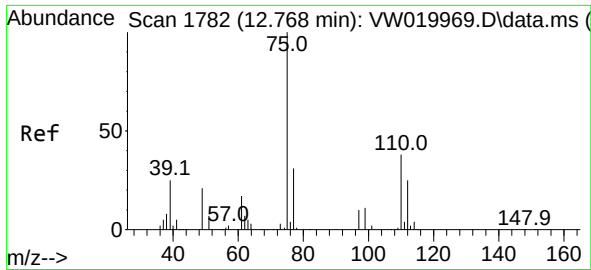
Tgt Ion: 91 Resp: 13813

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.7





#61
 1,2,3-Trichloropropane
 Concen: 6.69 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW019974.D
 Acq: 01 Sep 2021 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B2RE

Tgt Ion: 75 Resp: 18434
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 110 2.6 32.6 48.8#

