

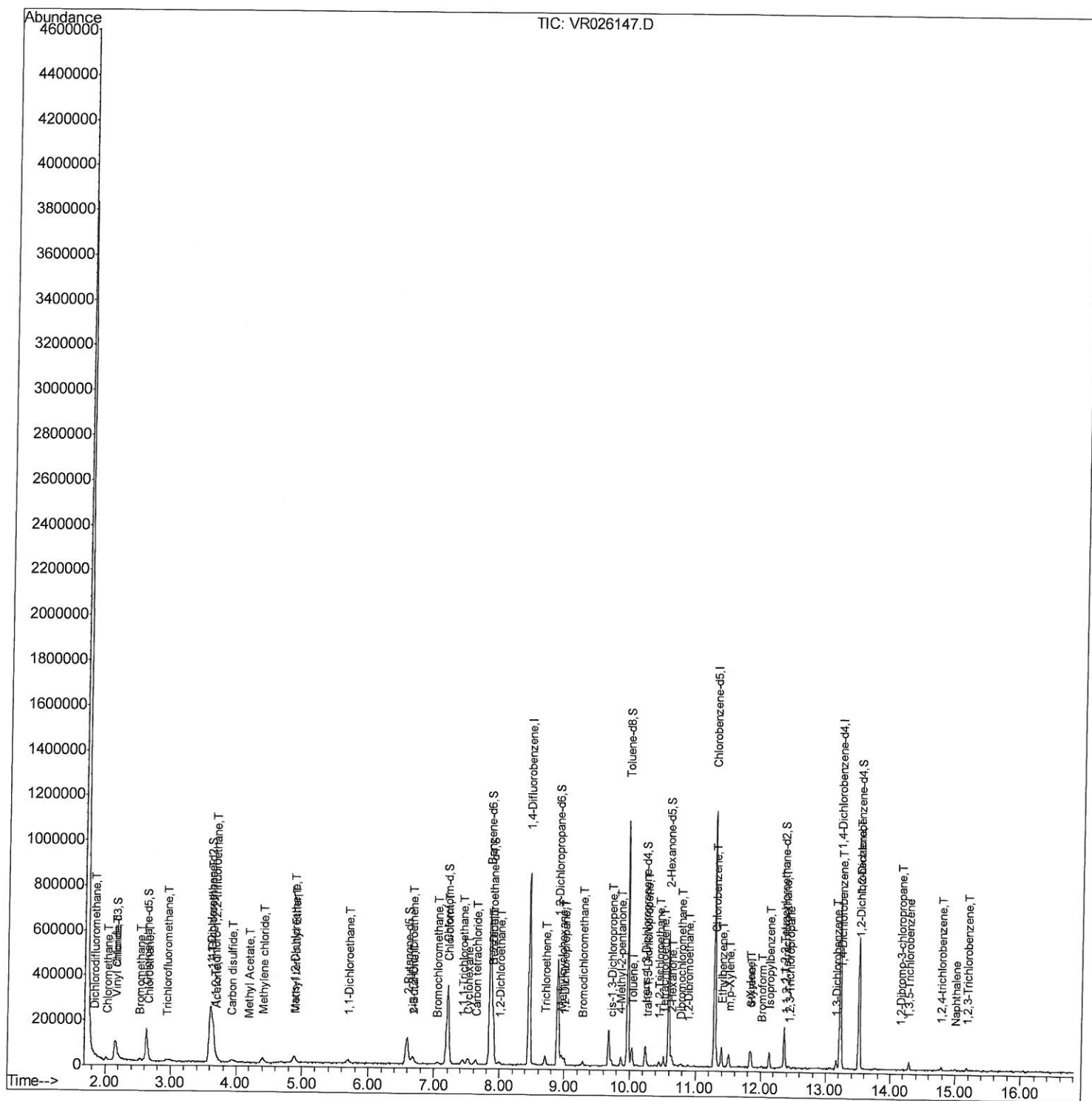
Data File : VR026147.D
Acq On : 19 Oct 2018 13:31
Operator : SY/MD
Sample : MDL
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
MDL

Manual Integrations
APPROVED

MMDadoda
10/24/2018 12:17:27 PM

Quant Time: Oct 20 02:16:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

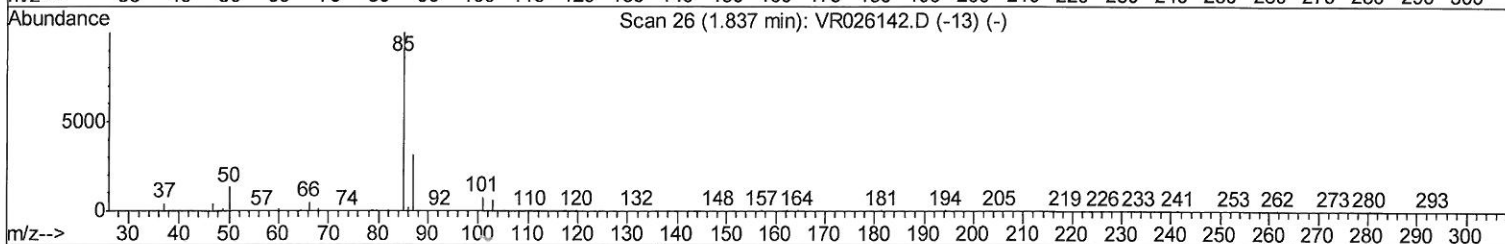
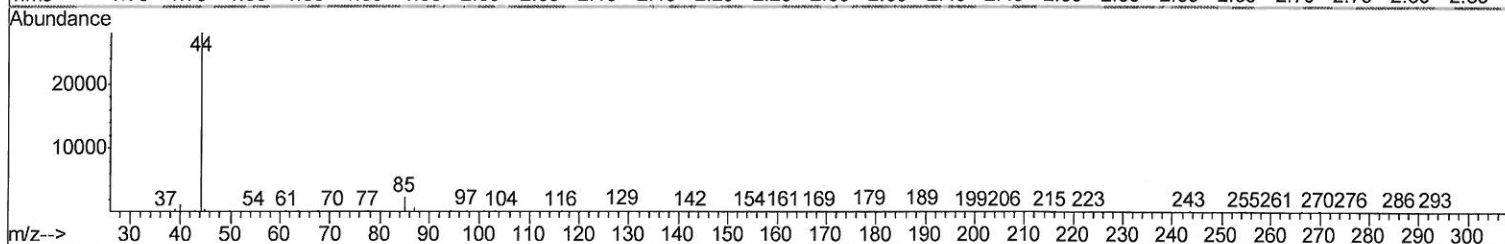
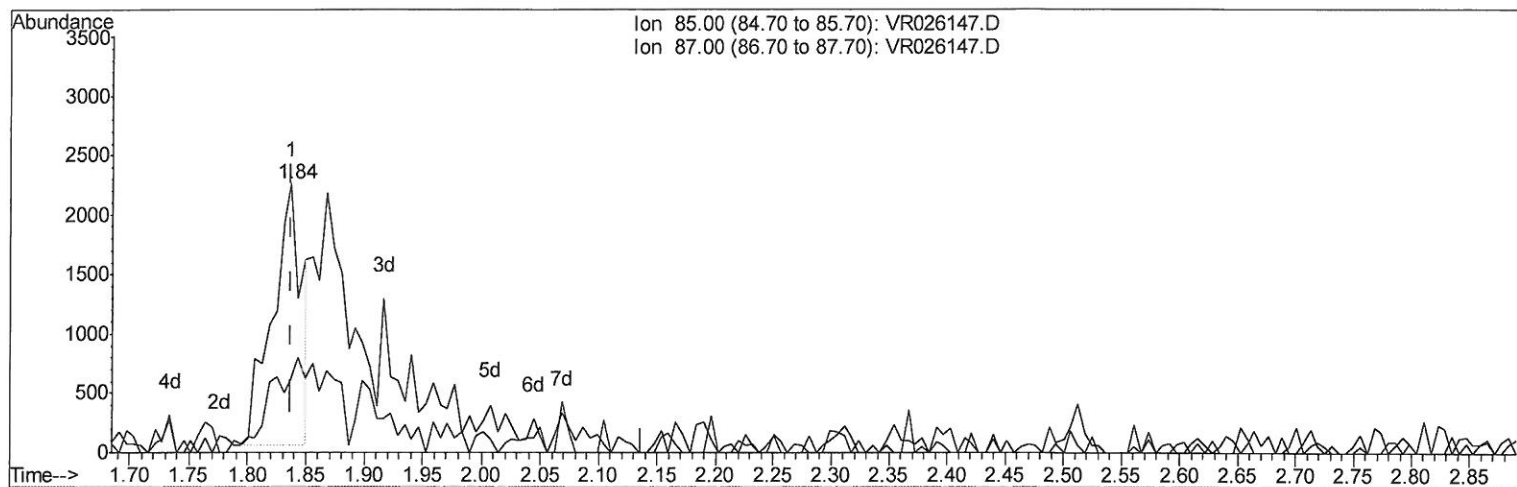
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Quant Time: Oct 20 01:57:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
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TIC: VR026147.D

(2) Dichlorodifluoromethane (T)

1.837min (-0.000) 0.10ug/L

response 3856

Ion	Exp%	Act%
85.00	100	100
87.00	29.30	54.28#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

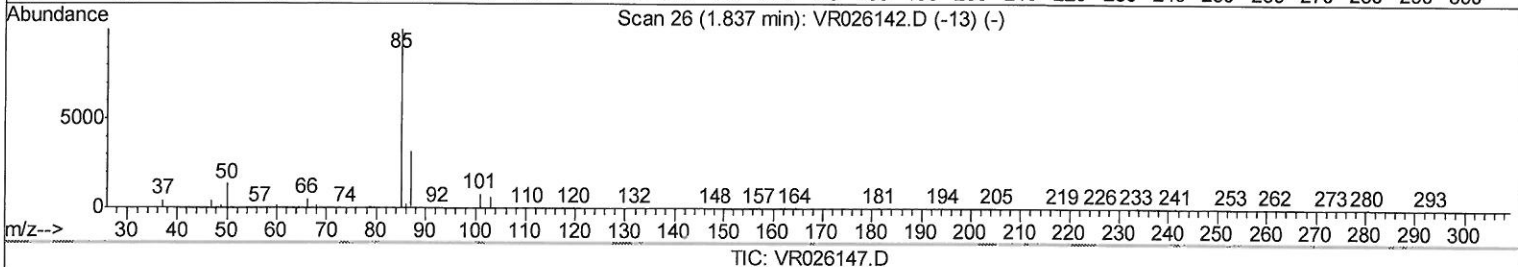
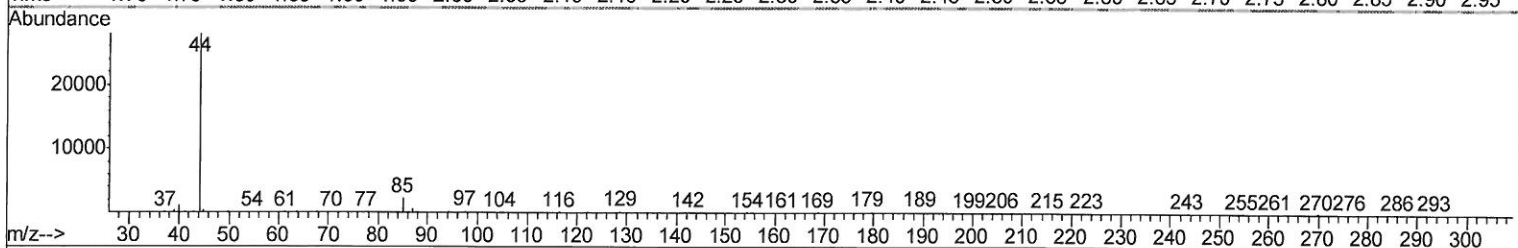
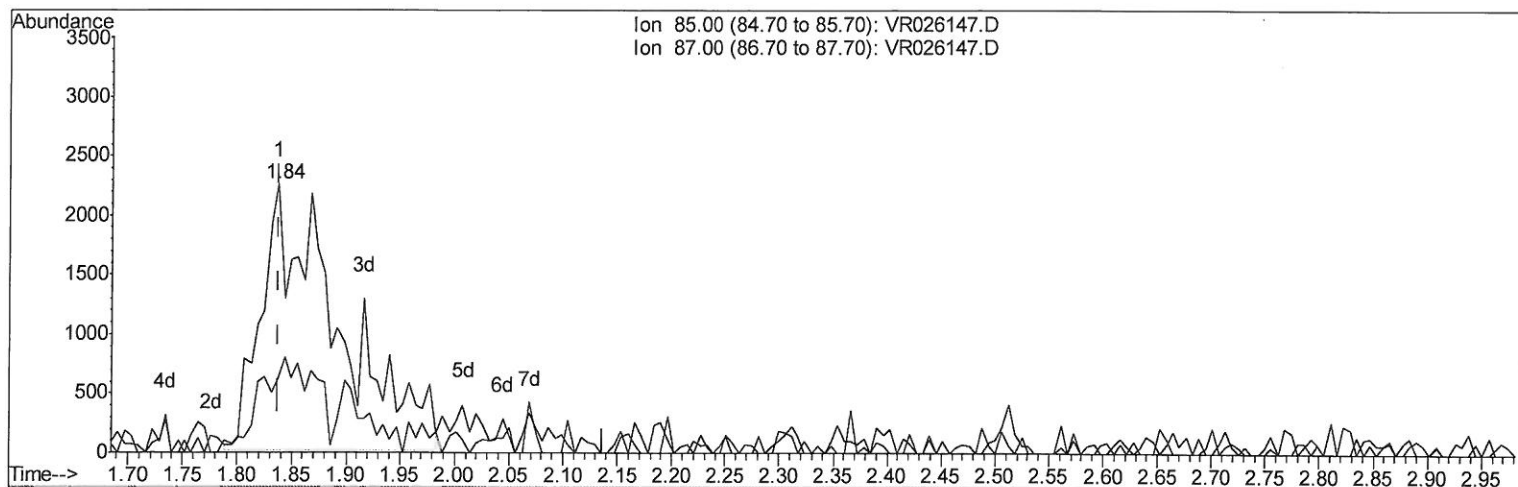
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(2) Dichlorodifluoromethane (T)

1.837min (-0.000) 0.27ug/L m) 10/23/18 SY

response 10756

Ion	Exp%	Act%
85.00	100	100
87.00	29.30	19.46#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

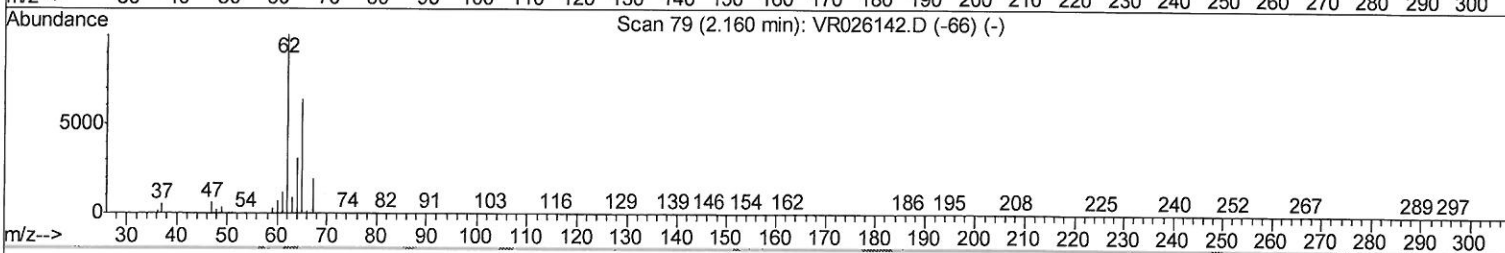
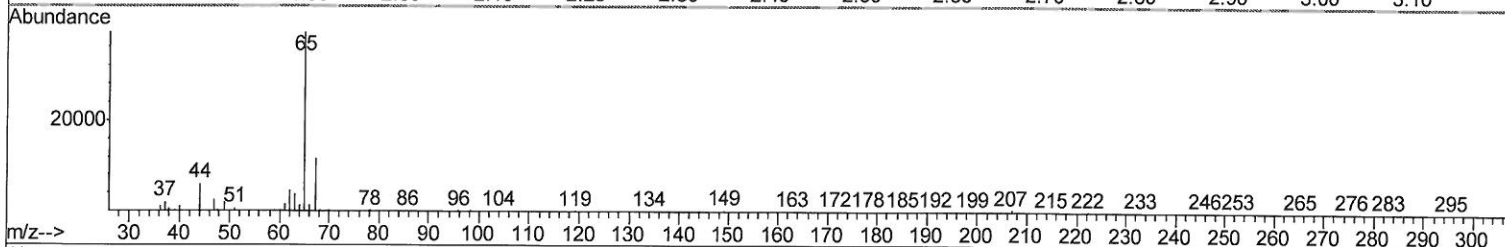
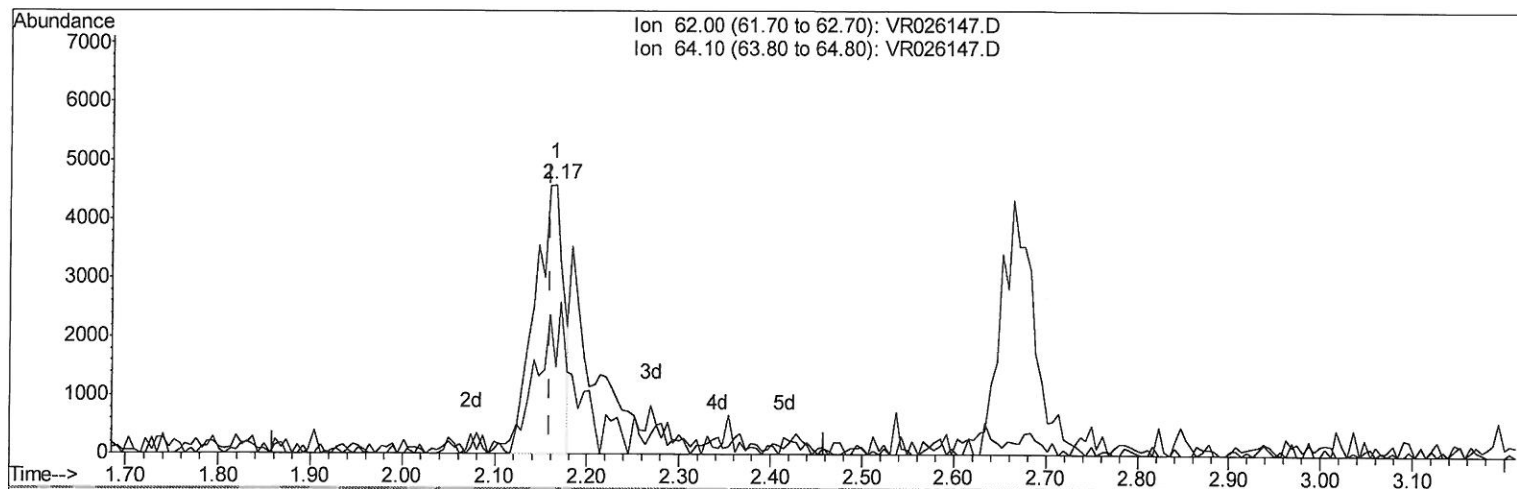
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TIC: VR026147.D

(5) Vinyl chloride (T)

2.166min (+0.006) 0.16ug/L

response 9863

Ion	Exp%	Act%
62.00	100	100
64.10	34.10	32.50
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

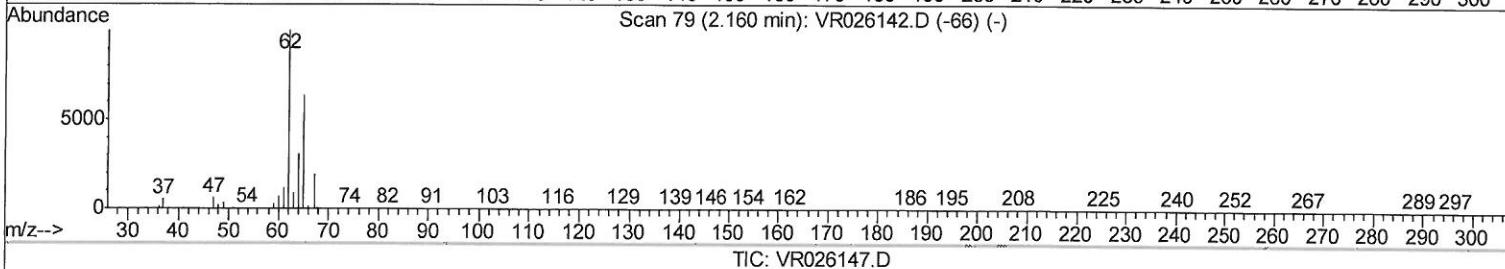
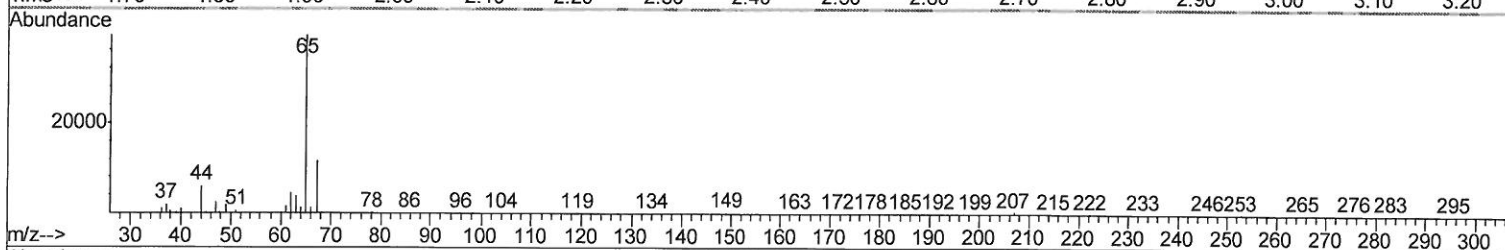
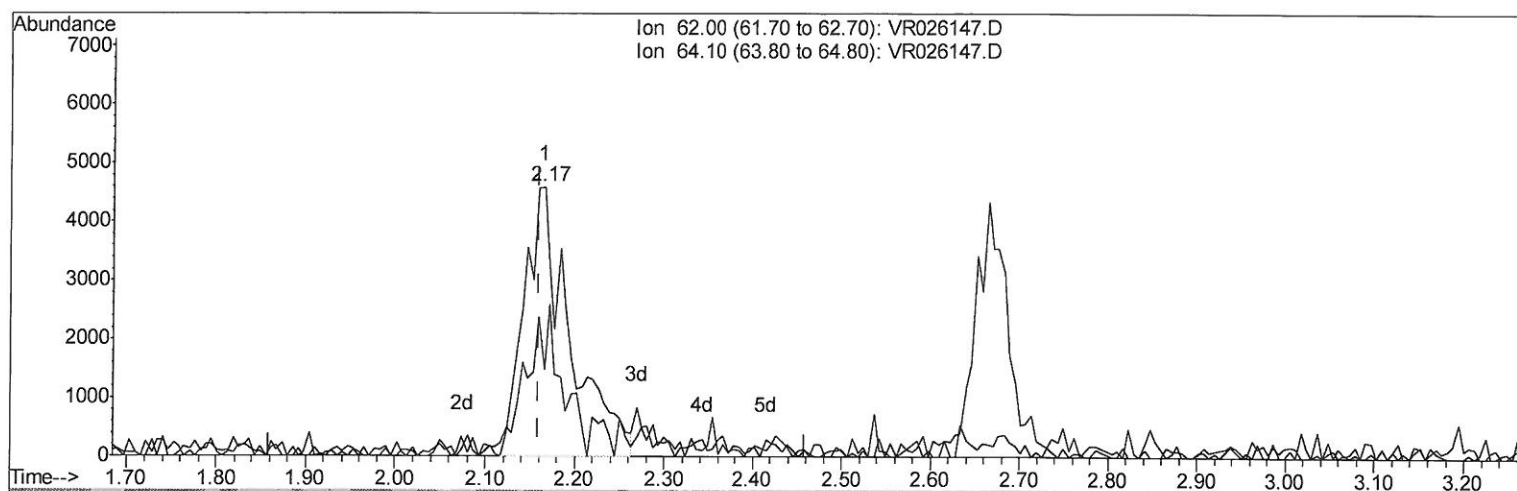
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration



(5) Vinyl chloride (T)

2.166min (+0.006) 0.26ug/L m

> 10/23/18 SY

response 16341

Ion	Exp%	Act%
62.00	100	100
64.10	34.10	32.50
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

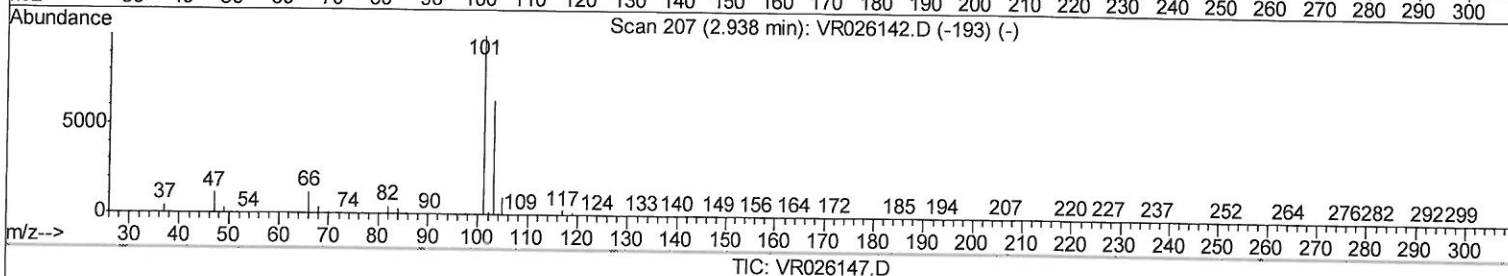
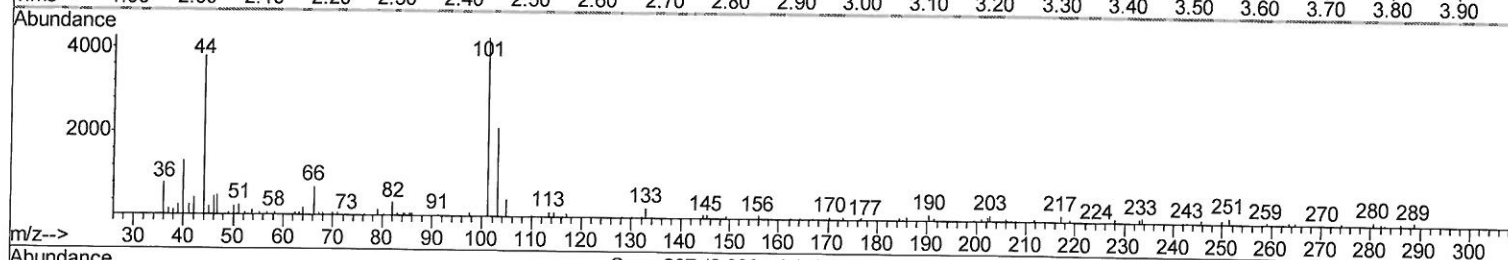
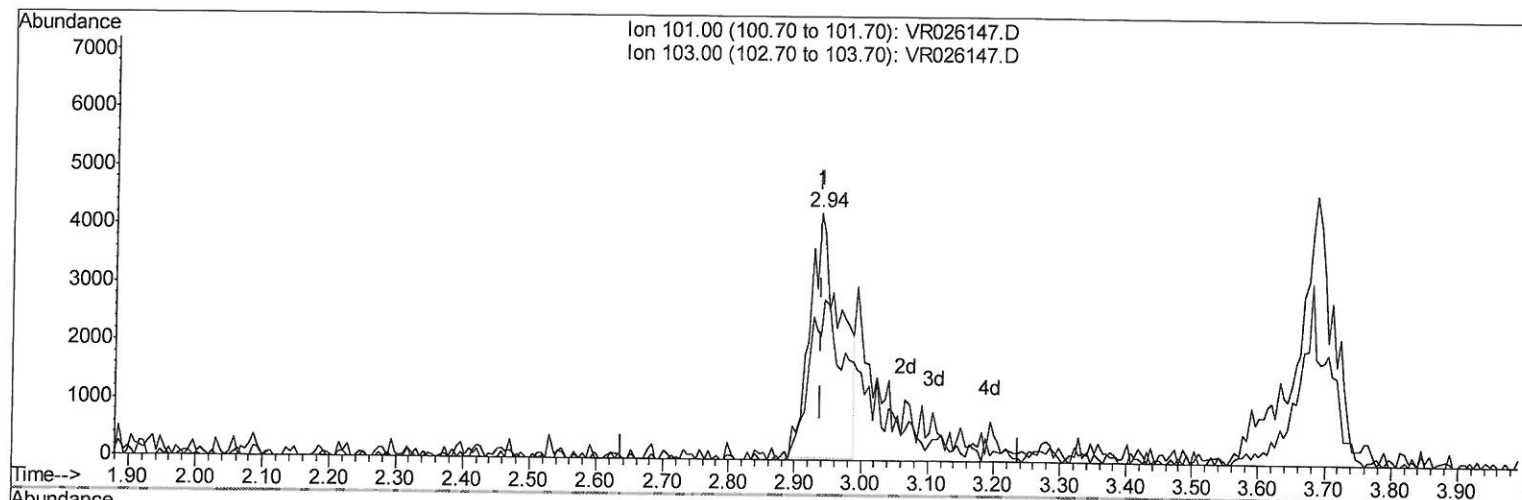
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(9) Trichlorofluoromethane (T)

2.938min (-0.000) 0.15ug/L

response 13487

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	57.91#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

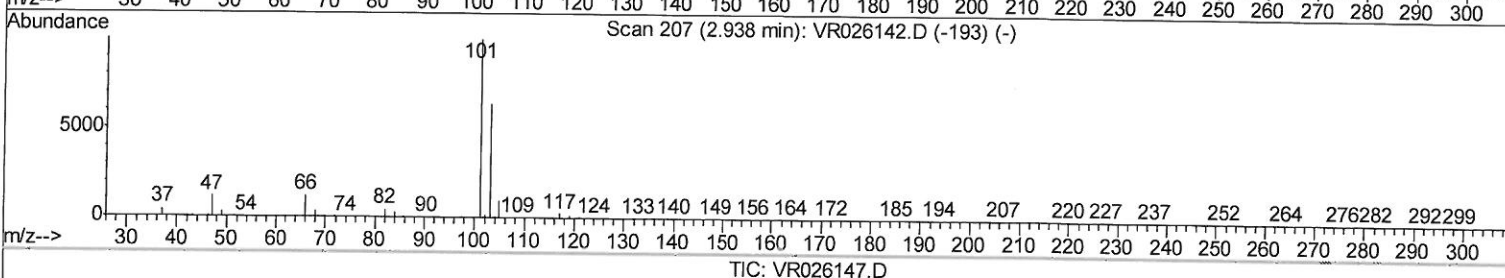
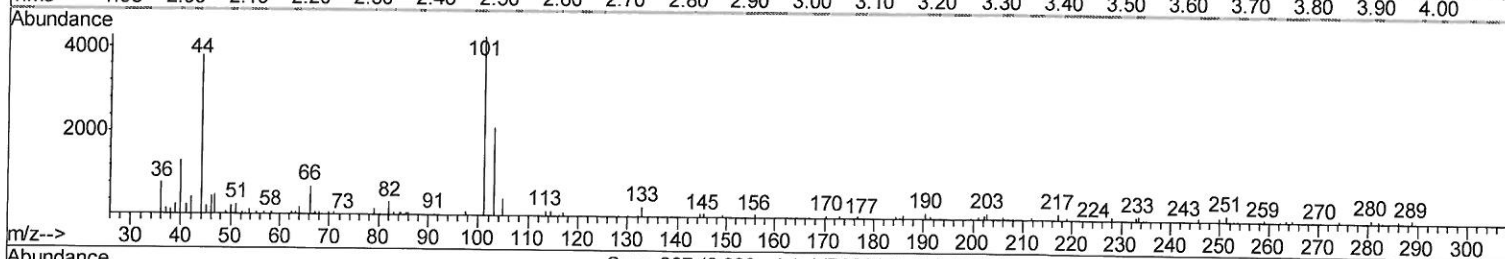
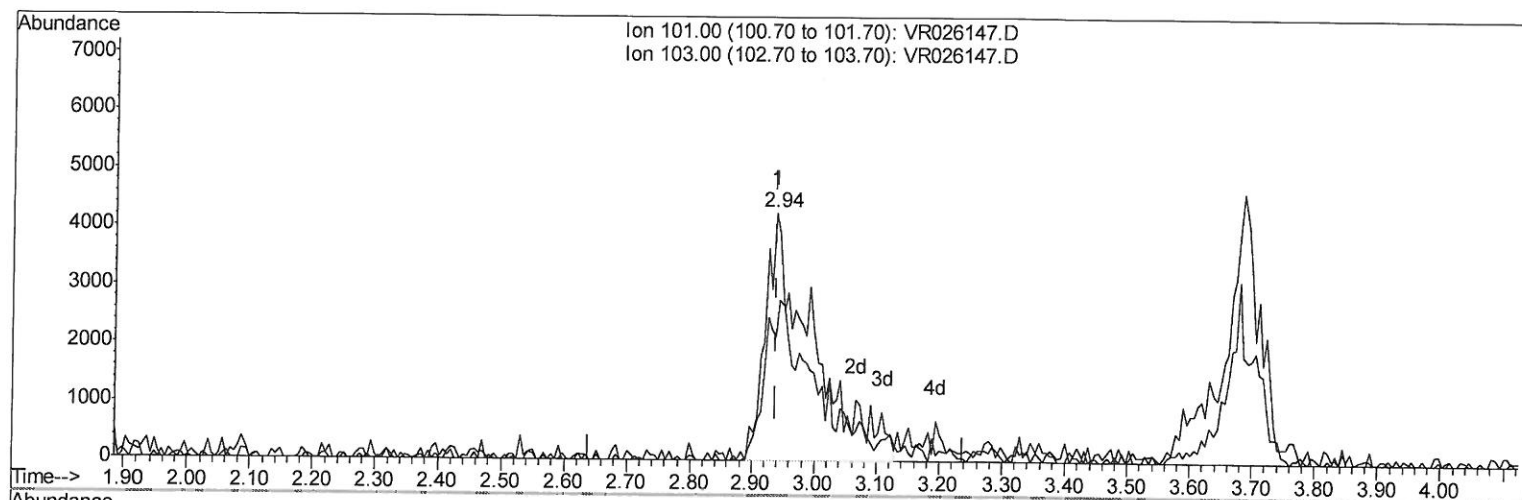
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(9) Trichlorofluoromethane (T)

2.938min (-0.000) 0.24ug/L m

716/23 118 57

response 22171

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	35.23
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

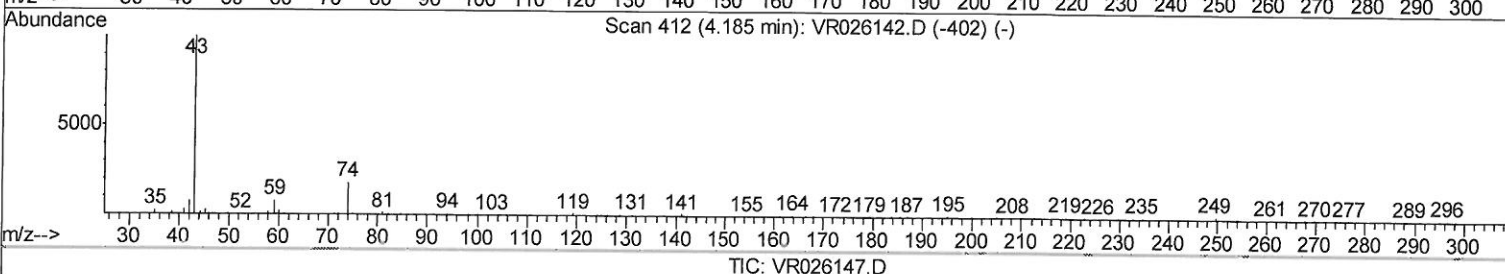
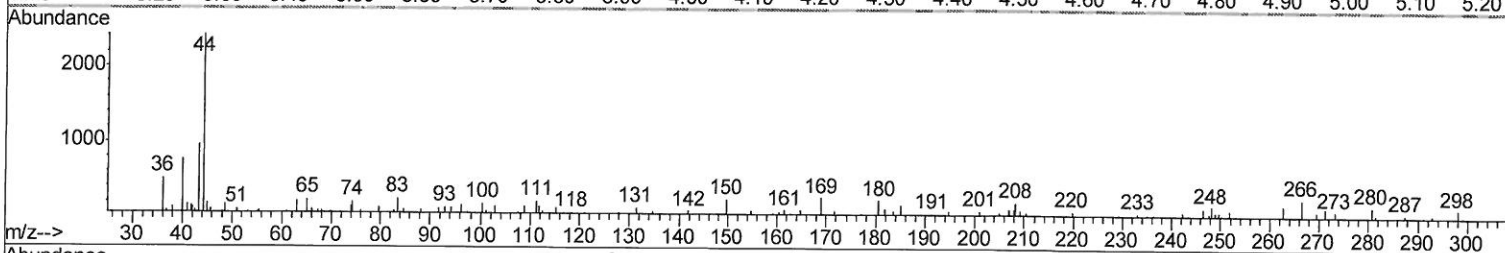
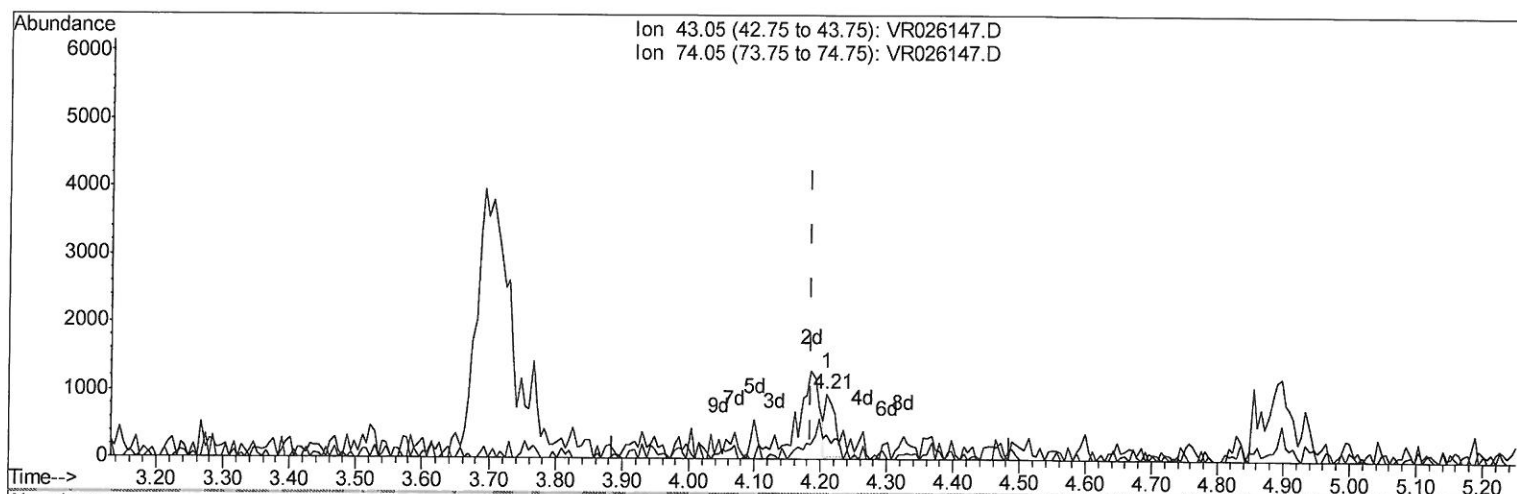
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampled :
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TIC: VR026147.D

(15) Methyl Acetate (T)

4.210min (+0.024) 0.11ug/L

response 1229

Ion	Exp%	Act%
43.05	100	100
74.05	24.80	104.64#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

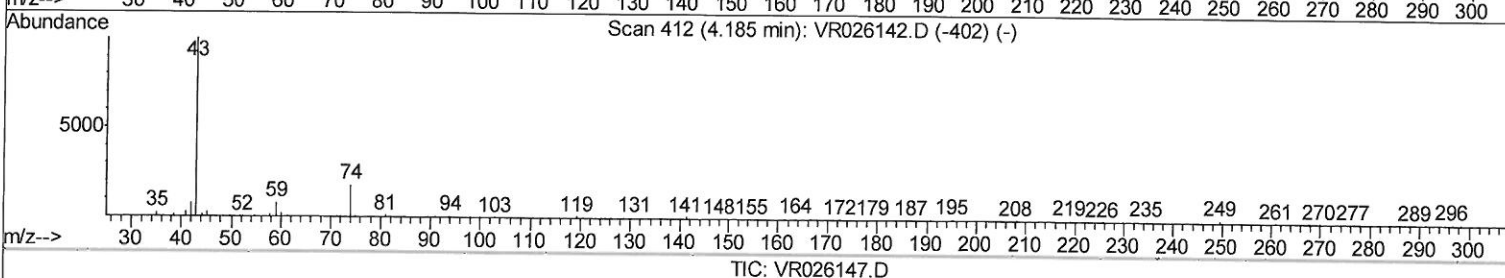
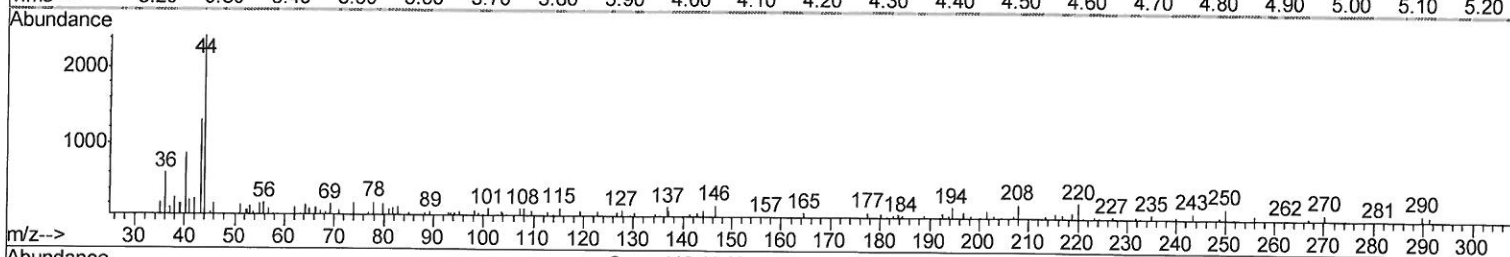
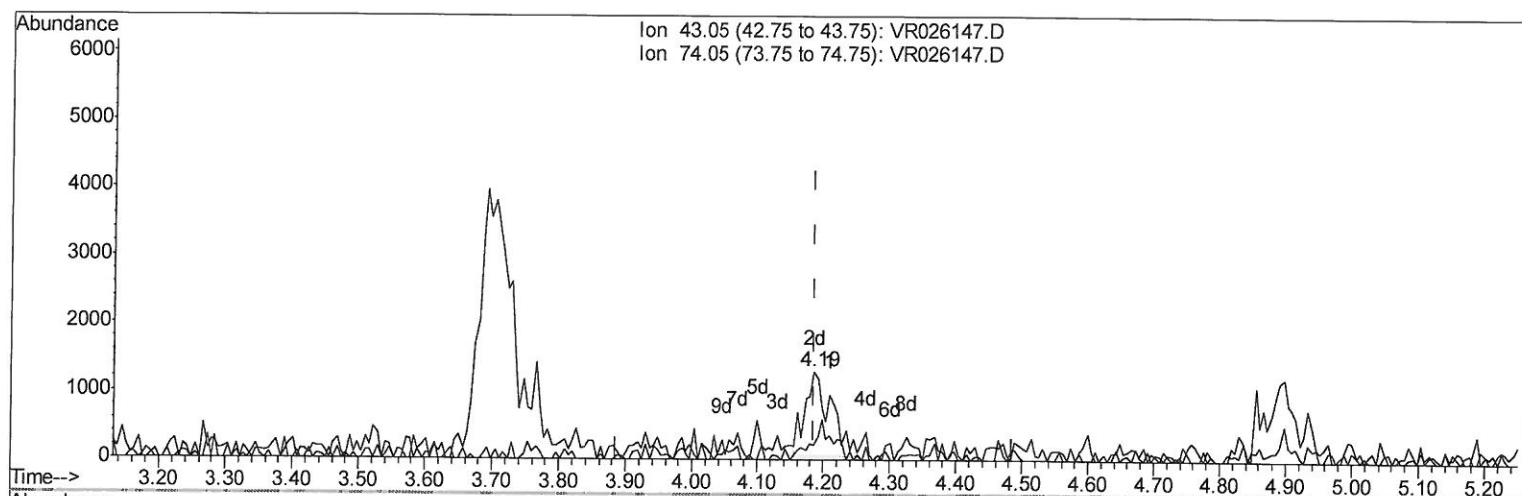
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Manual Integrations
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Quant Title : TRACE VOA SOM01.0
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(15) Methyl Acetate (T)

4.185min (-0.000) 0.30ug/L m) (012) 18 82

response 3477

Ion	Exp%	Act%
43.05	100	100
74.05	24.80	36.99#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
Quantitation Report (Qedit)

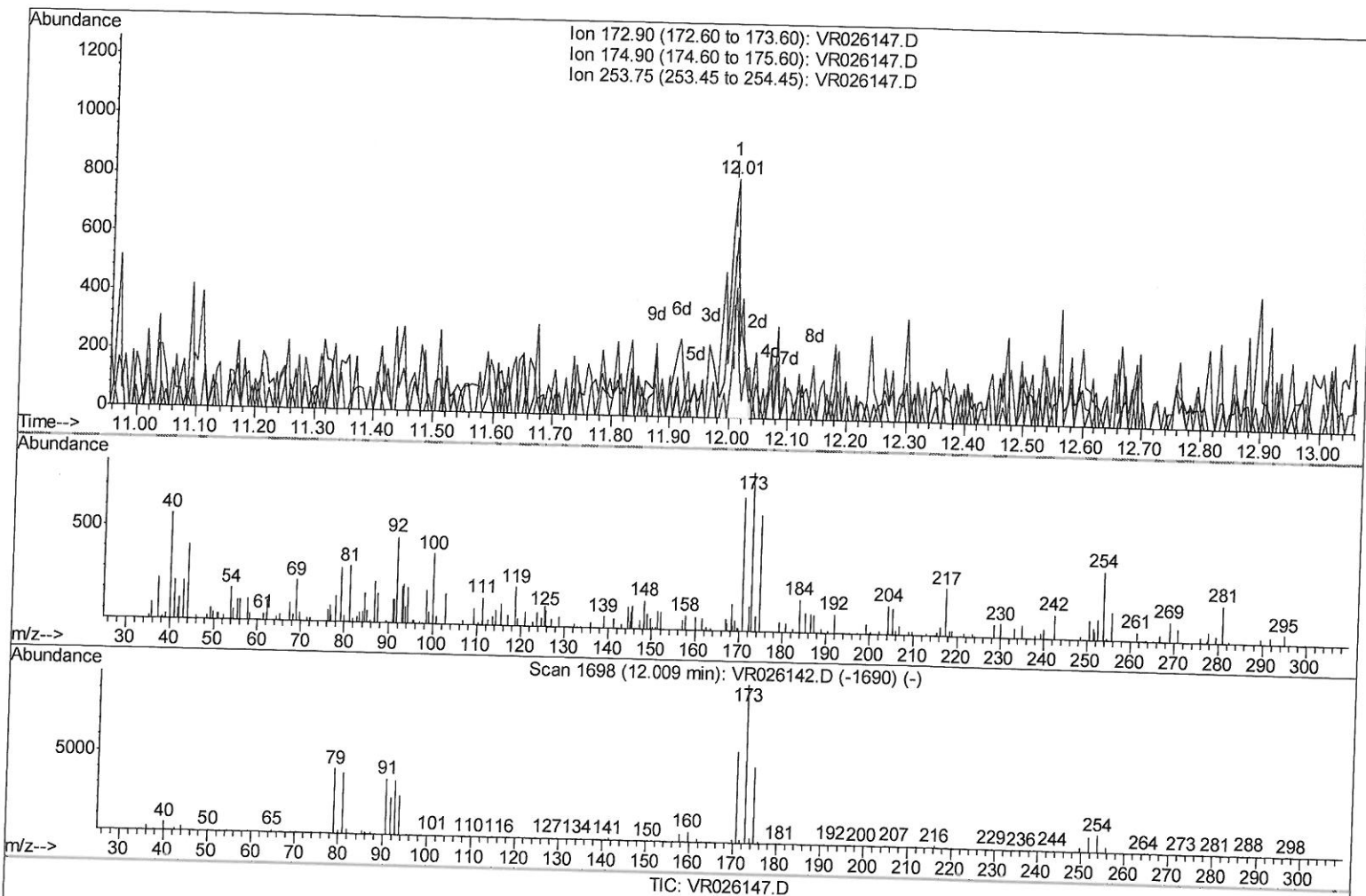
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(61) Bromoform (T)

12.009min (-0.000) 0.18ug/L

response 998

Ion	Exp%	Act%
172.90	100	100
174.90	48.70	73.45#
253.75	10.10	32.57#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101918\
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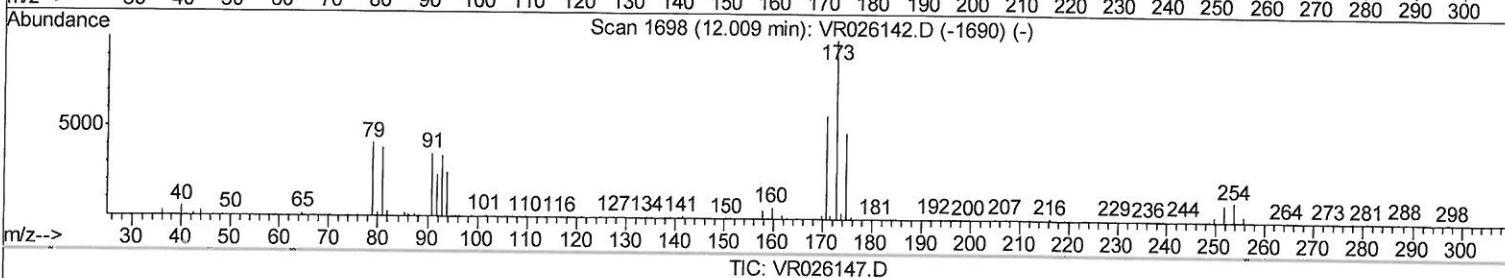
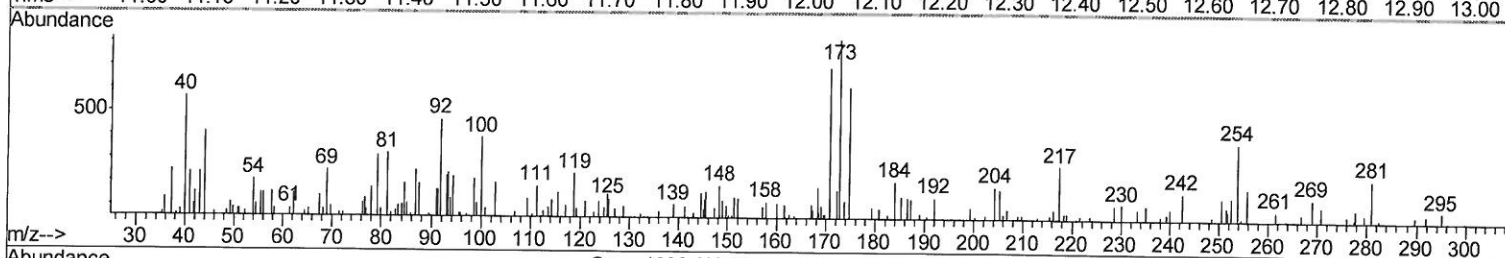
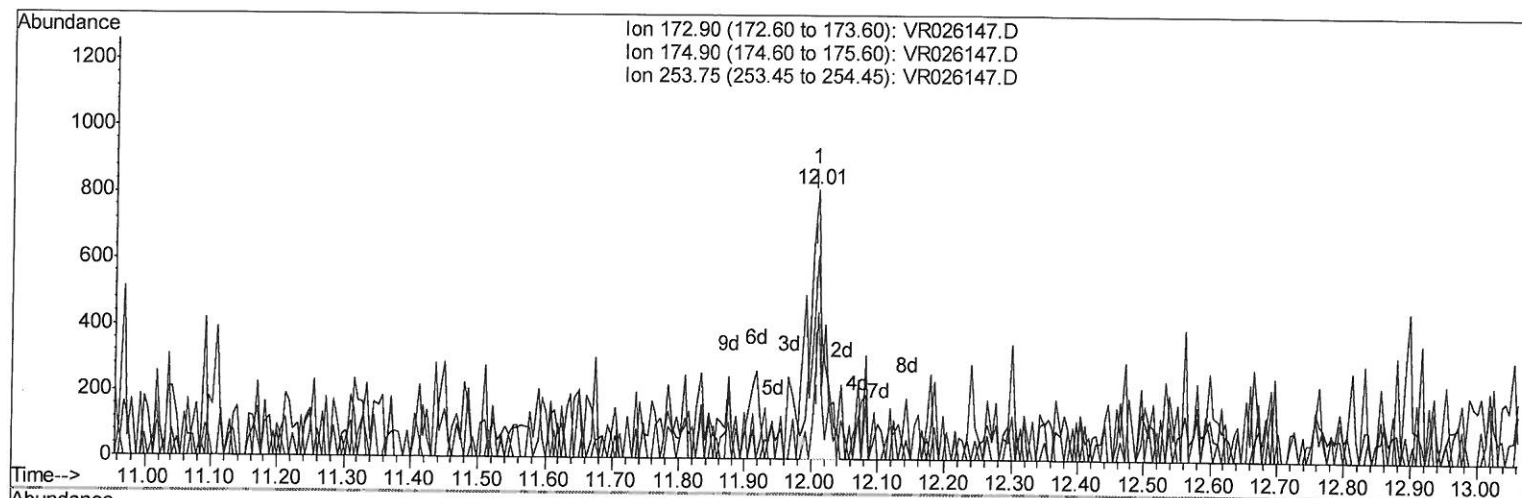
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(61) Bromoform (T)

12.009min (-0.000) 0.20ug/L m

7/0/2018 Sy

response 1111

Ion	Exp%	Act%
172.90	100	100
174.90	48.70	65.98#
253.75	10.10	29.25#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	592068	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	497269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	159139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	194391	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	2.63	69	184793	4.15	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	3.60	63	371353	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	6.59	46	224541	52.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.56%
24) Chloroform-d	7.20	84	353571	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.90	65	155299	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	676956	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	197577	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	599011	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	40817	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	174032	55.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76662	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	117450	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

				Qvalue	
2) Dichlorodifluoromethane	1.84	85	10756m	0.270 ug/L	
3) Chloromethane	2.02	50	16556	0.262 ug/L	96
5) Vinyl chloride	2.17	62	16341m	0.260 ug/L	
6) Bromomethane	2.53	94	10374	0.250 ug/L	87
8) Chloroethane	2.66	64	11246	0.288 ug/L	96
9) Trichlorofluoromethane	2.94	101	22171m	0.244 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	18035	0.333 ug/L #	68
12) 1,1-Dichloroethene	3.63	96	19758	0.343 ug/L #	1
13) Acetone	3.69	43	13470	3.063 ug/L	98
14) Carbon disulfide	3.93	76	31786	0.211 ug/L #	89
15) Methyl Acetate	4.19	43	3477m	0.303 ug/L	
16) Methylene chloride	4.40	84	17661	0.338 ug/L	93
17) Methyl tert-butyl Ether	4.90	73	13306	0.255 ug/L #	78
18) trans-1,2-Dichloroethene	4.88	96	11123	0.255 ug/L	76
19) 1,1-Dichloroethane	5.70	63	21096	0.258 ug/L #	86
21) 2-Butanone	6.69	43	13378	2.637 ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	10630	0.258 ug/L #	61

10/23/18 sy

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	3010	0.261	ug/L	74
25) Chloroform	7.22	83	22123	0.277	ug/L	87
27) 1,2-Dichloroethane	8.00	62	10683	0.274	ug/L #	90
29) 1,1,1-Trichloroethane	7.44	97	16613	0.244	ug/L	95
30) Cyclohexane	7.51	56	11187	0.164	ug/L #	94
31) Carbon tetrachloride	7.63	117	14328	0.232	ug/L	95
33) Benzene	7.90	78	51644	0.277	ug/L	100
34) Trichloroethene	8.71	95	13046	0.273	ug/L #	78
35) Methylcyclohexane	8.95	83	12679	0.178	ug/L #	74
37) 1,2-Dichloropropane	9.00	63	11096	0.282	ug/L #	91
38) Bromodichloromethane	9.28	83	10051	0.237	ug/L #	81
39) cis-1,3-Dichloropropene	9.72	75	10945	0.243	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	25518	2.123	ug/L #	86
42) Toluene	10.04	91	49786	0.253	ug/L	94
44) trans-1,3-Dichloropropene	10.26	75	9106	0.289	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	5518	0.332	ug/L #	83
47) Tetrachloroethene	10.52	164	7463	0.219	ug/L	90
48) 2-Hexanone	10.63	43	20545	2.617	ug/L #	96
49) Dibromochloromethane	10.78	129	4150	0.222	ug/L	84
50) 1,2-Dibromoethane	10.88	107	3386	0.236	ug/L	84
51) Chlorobenzene	11.31	112	26896	0.247	ug/L	98
52) Ethylbenzene	11.39	91	47949	0.212	ug/L	97
53) m,p-Xylene	11.50	106	16375	0.198	ug/L	95
54) o-Xylene	11.83	106	13638	0.180	ug/L	91
55) Styrene	11.84	104	19176	0.165	ug/L	97
56) Isopropylbenzene	12.13	105	34896	0.166	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.39	83	4838	0.287	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	3211	0.259	ug/L	93
61) Bromoform	12.01	173	1111m)	0.201	ug/L	85
62) 1,3-Dichlorobenzene	13.16	146	10969	0.207	ug/L	85
63) 1,4-Dichlorobenzene	13.24	146	14820	0.271	ug/L	91
65) 1,2-Dichlorobenzene	13.53	146	12001	0.283	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.15	75	615	0.356	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.29	180	7758	0.241	ug/L #	92
68) 1,2,4-trichlorobenzene	14.78	180	4627	0.246	ug/L	96
69) Naphthalene	15.00	128	2956	0.162	ug/L #	89
70) 1,2,3-Trichlorobenzene	15.17	180	3160	0.242	ug/L #	90

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