

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
 Data File : VV008629.D
 Acq On : 17 Nov 2018 15:13
 Operator : SY/MD
 Sample : J5990-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO79

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.319	62	71	80	rVB	52466	63380	11.96%	1.030%
2	1.586	147	154	157	rBV	43975	53139	10.03%	0.863%
3	1.975	269	275	288	rVB	17542	25192	4.76%	0.409%
4	2.132	315	324	335	rVB	88232	123236	23.26%	2.002%
5	3.975	881	897	949	rBV3	43637	260912	49.25%	4.238%
6	4.405	1015	1031	1050	rVB2	81196	196494	37.09%	3.192%
7	4.724	1114	1130	1147	rVB3	9022	21681	4.09%	0.352%
8	5.100	1228	1247	1256	rBV2	206367	485920	91.73%	7.893%
9	5.148	1256	1262	1282	rVB2	129667	267523	50.50%	4.345%
10	5.666	1408	1423	1445	rBV	183353	362227	68.38%	5.884%
11	5.997	1517	1526	1539	rVB7	3291	6506	1.23%	0.106%
12	6.122	1551	1565	1580	rBV2	110600	226817	42.82%	3.684%
13	7.032	1836	1848	1863	rBV	56154	99267	18.74%	1.612%
14	7.193	1887	1898	1911	rVB4	5912	12515	2.36%	0.203%
15	7.360	1937	1950	1965	rBV	234755	405151	76.48%	6.581%
16	7.669	2035	2046	2065	rBV2	31352	57320	10.82%	0.931%
17	7.984	2136	2144	2154	rVB5	3562	5760	1.09%	0.094%
18	8.142	2180	2193	2222	rBV	251113	491705	92.82%	7.987%
19	8.267	2222	2232	2246	rVB2	21701	46402	8.76%	0.754%
20	8.900	2416	2429	2434	rBV	263827	458590	86.57%	7.449%
21	9.183	2502	2517	2531	rVB8	8128	17922	3.38%	0.291%
22	9.277	2531	2546	2558	rBV2	14317	25590	4.83%	0.416%
23	9.595	2637	2645	2657	rVB9	3524	7189	1.36%	0.117%
24	9.752	2685	2694	2705	rVB7	4862	9246	1.75%	0.150%
25	9.846	2713	2723	2737	rBV10	3768	8458	1.60%	0.137%
26	9.978	2754	2764	2778	rBV	51333	77128	14.56%	1.253%
27	10.170	2818	2824	2834	rVB9	3150	5393	1.02%	0.088%
28	10.264	2844	2853	2871	rVB	81581	133187	25.14%	2.163%
29	10.399	2885	2895	2911	rBV	40383	66078	12.47%	1.073%
30	10.785	3006	3015	3024	rBV3	7220	10904	2.06%	0.177%
31	10.913	3043	3055	3063	rBV4	8030	12589	2.38%	0.204%
32	10.961	3063	3070	3079	rVB2	12195	18159	3.43%	0.295%
33	11.103	3106	3114	3118	rBV3	9347	12755	2.41%	0.207%
34	11.135	3118	3124	3134	rVB2	23168	35845	6.77%	0.582%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
 Data File : VV008629.D
 Acq On : 17 Nov 2018 15:13
 Operator : SY/MD
 Sample : J5990-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETO79

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Title : TRACE VOA SOM01.0

35	11.299	3162	3175	3196	rBV2	252511	529753	100.00%	8.605%
36	11.498	3230	3237	3248	rVB5	7262	11344	2.14%	0.184%
37	11.579	3248	3262	3277	rVV3	84769	175710	33.17%	2.854%
38	11.675	3279	3292	3314	rVB	237587	421071	79.48%	6.840%
39	11.794	3319	3329	3339	rBV2	20598	30377	5.73%	0.493%
40	11.961	3374	3381	3396	rVB5	5090	9397	1.77%	0.153%
41	12.064	3396	3413	3419	rBV2	32695	54465	10.28%	0.885%
42	12.096	3420	3423	3434	rVB	17611	21155	3.99%	0.344%
43	12.167	3434	3445	3467	rBV5	28871	82256	15.53%	1.336%
44	12.350	3493	3502	3511	rVB2	11974	17932	3.38%	0.291%
45	12.463	3520	3537	3546	rBV2	40522	71071	13.42%	1.154%
46	12.514	3546	3553	3567	rVB3	26564	44779	8.45%	0.727%
47	12.601	3570	3580	3589	rBV2	10176	14946	2.82%	0.243%
48	12.694	3600	3609	3613	rBV3	6830	10152	1.92%	0.165%
49	12.727	3613	3619	3627	rVV7	10248	21447	4.05%	0.348%
50	12.775	3627	3634	3642	rVV2	23830	39388	7.44%	0.640%
51	12.932	3663	3683	3695	rBV3	128321	211272	39.88%	3.432%
52	13.000	3700	3704	3712	rVB9	3879	5317	1.00%	0.086%
53	13.048	3713	3719	3728	rBV	4931	7425	1.40%	0.121%
54	13.219	3763	3772	3778	rBV5	6542	10505	1.98%	0.171%
55	13.267	3780	3787	3795	rVB3	8218	11489	2.17%	0.187%
56	13.321	3795	3804	3811	rBV4	17878	27141	5.12%	0.441%
57	13.386	3818	3824	3828	rBV3	4670	5664	1.07%	0.092%
58	13.418	3828	3834	3841	rVB3	12392	15093	2.85%	0.245%
59	13.556	3862	3877	3883	rBV2	7582	15188	2.87%	0.247%
60	13.601	3883	3891	3901	rVV5	5492	10551	1.99%	0.171%
61	13.662	3904	3910	3919	rVB8	4026	5906	1.11%	0.096%
62	13.762	3930	3941	3952	rBV10	7310	15243	2.88%	0.248%
63	13.820	3952	3959	3967	rVB4	5849	8917	1.68%	0.145%
64	13.961	3993	4003	4011	rBV4	9918	16593	3.13%	0.270%
65	14.141	4049	4059	4073	rBV6	10790	21614	4.08%	0.351%
66	14.283	4097	4103	4111	rVV5	6099	7813	1.47%	0.127%
67	14.347	4115	4123	4135	rBV4	7331	12271	2.32%	0.199%
68	14.482	4155	4165	4179	rBV7	6765	13438	2.54%	0.218%
69	14.688	4219	4229	4236	rBV8	5052	8501	1.60%	0.138%
70	14.871	4276	4286	4296	rBV3	14077	21540	4.07%	0.350%
71	16.366	4741	4751	4760	rBV2	26711	39432	7.44%	0.641%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Title : TRACE VOA SOM01.0

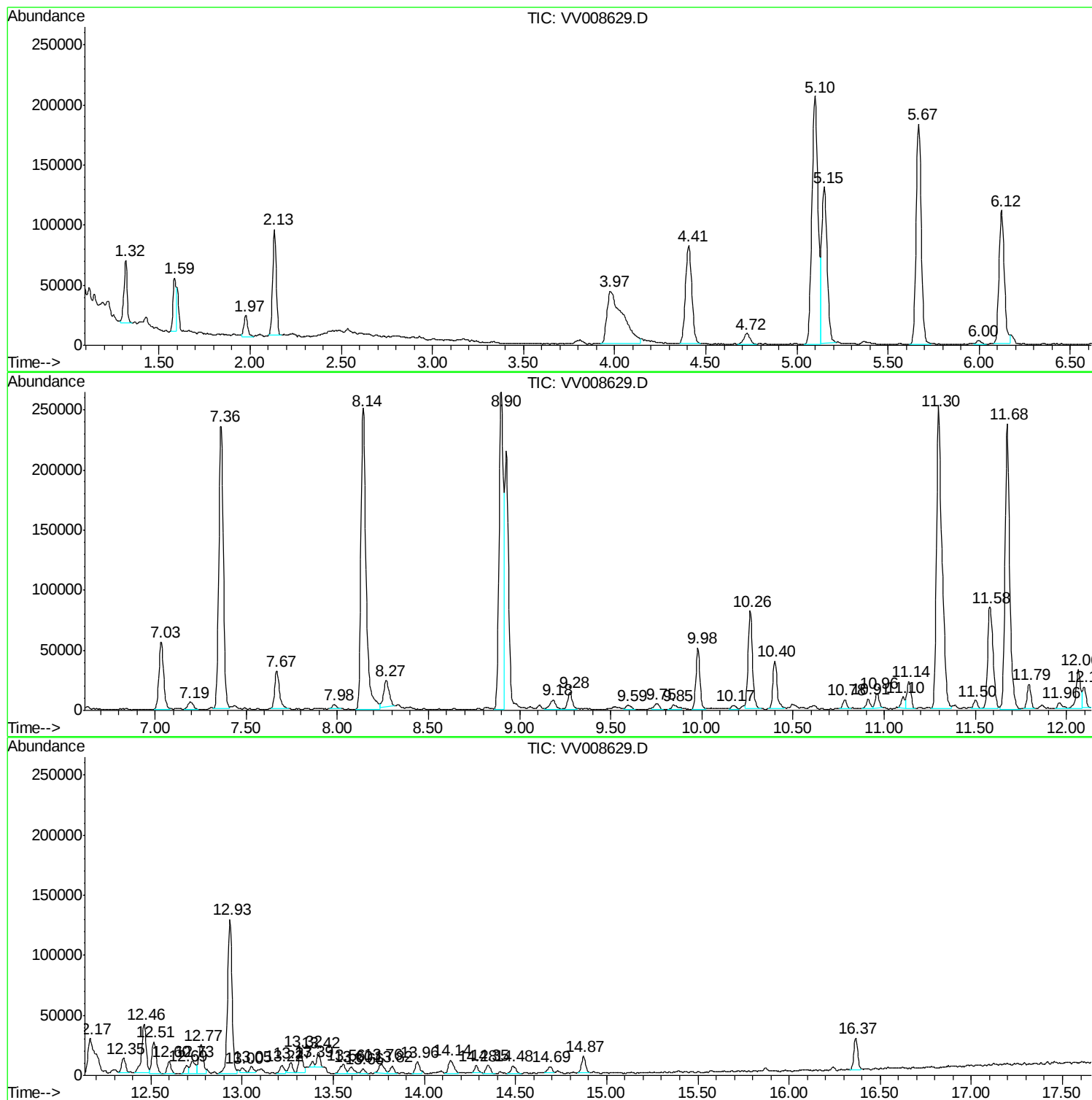
Sum of corrected areas: 6156336

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

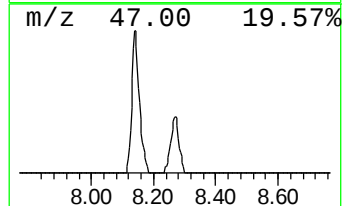
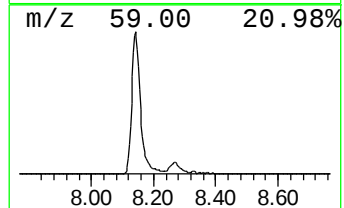
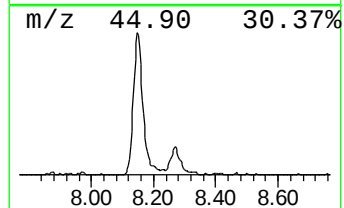
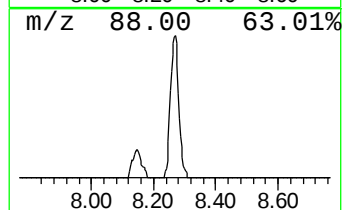
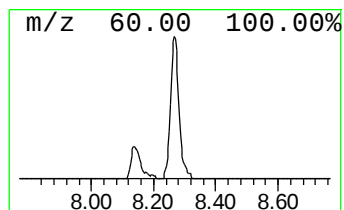
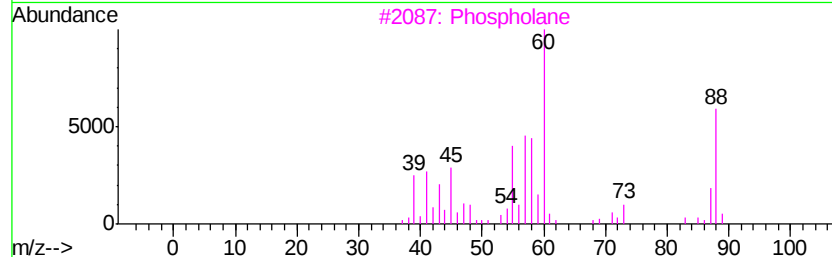
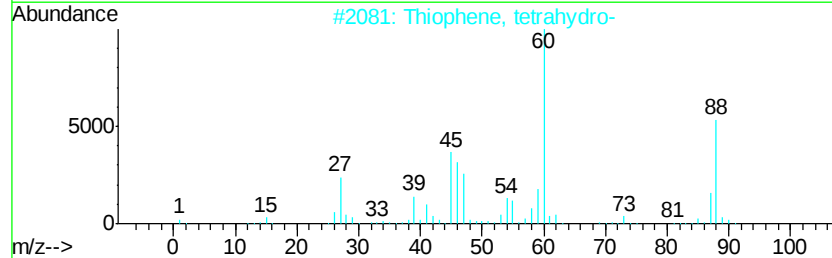
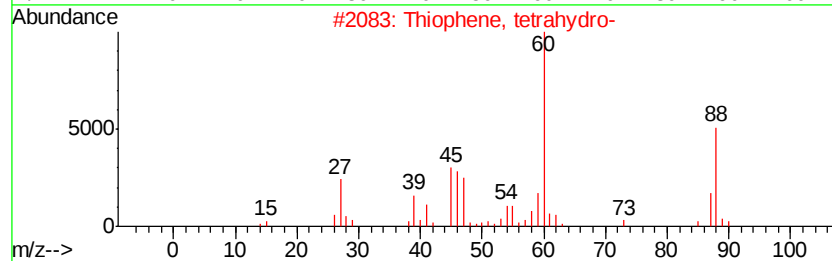
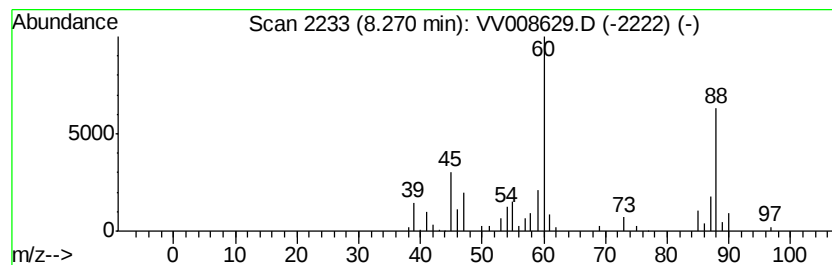
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Thiophene, tetrahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	0.51 ug/L	46402	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	87
2		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	80
3		Phospholane	88	C4H9P	003466-00-0	80
4		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	68
5		Thietane, 2-methyl-	88	C4H8S	017837-41-1	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
ETO79

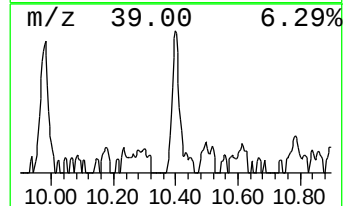
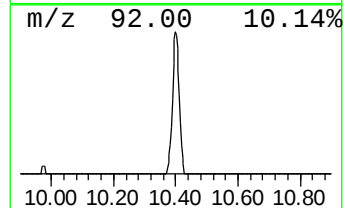
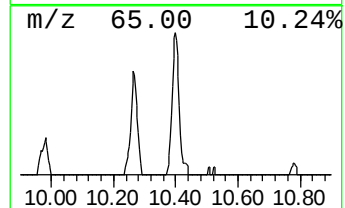
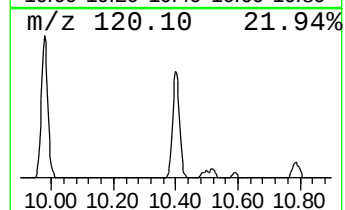
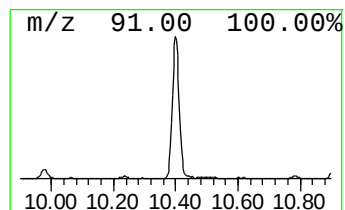
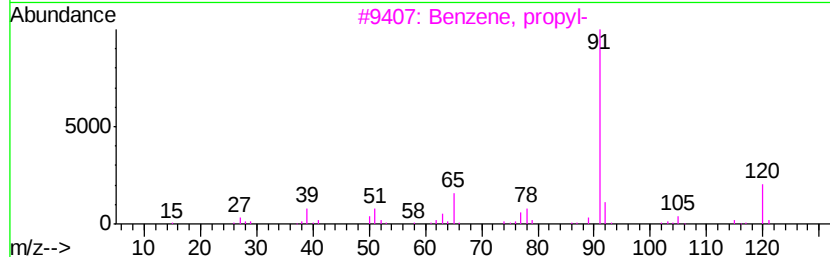
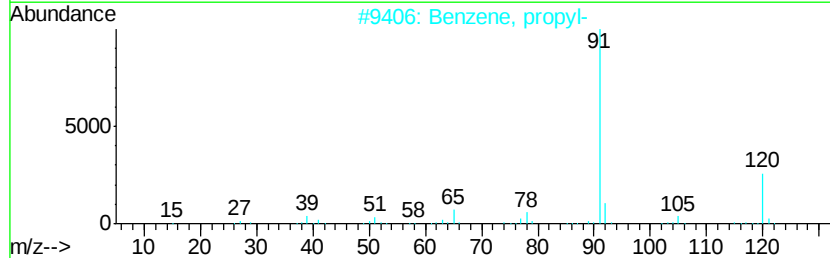
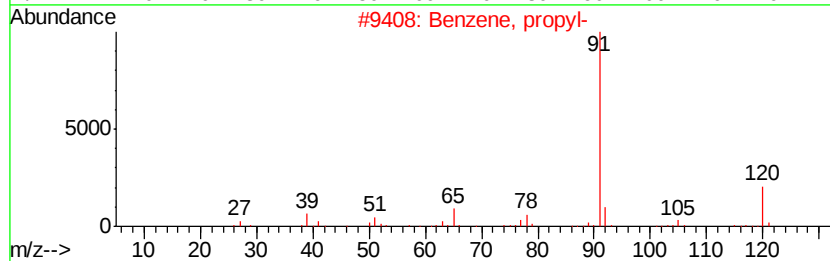
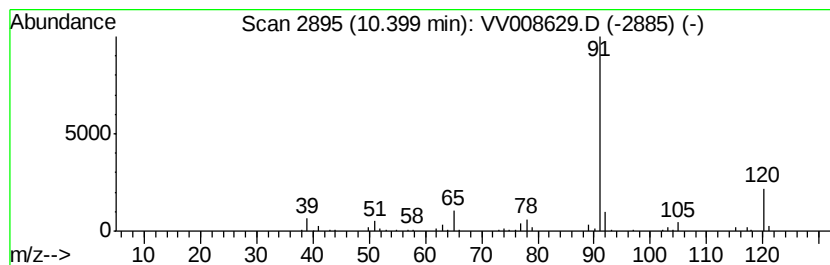
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	0.62 ug/L	66078	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	90
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

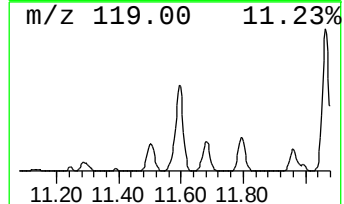
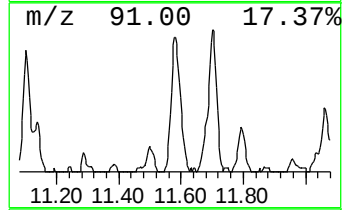
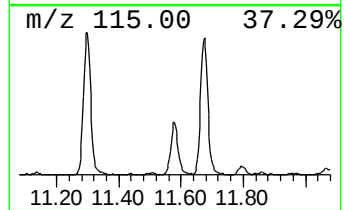
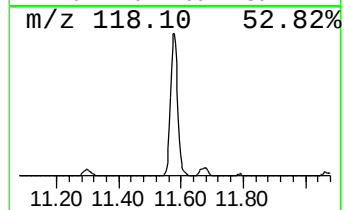
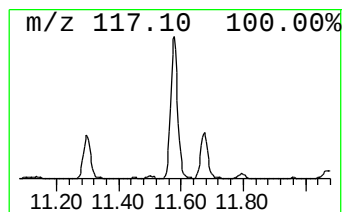
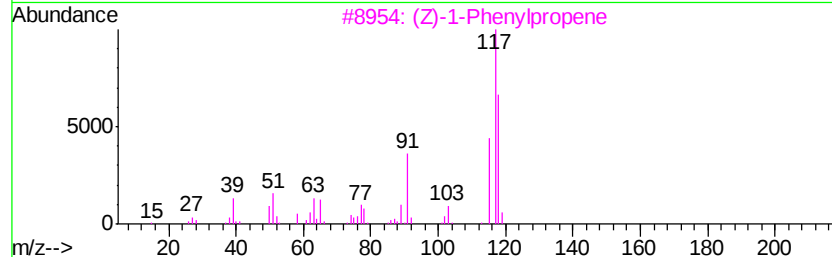
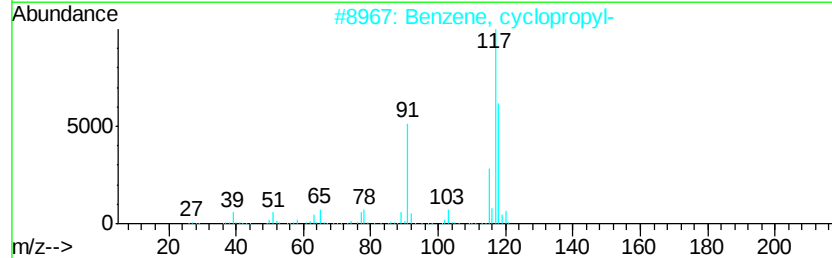
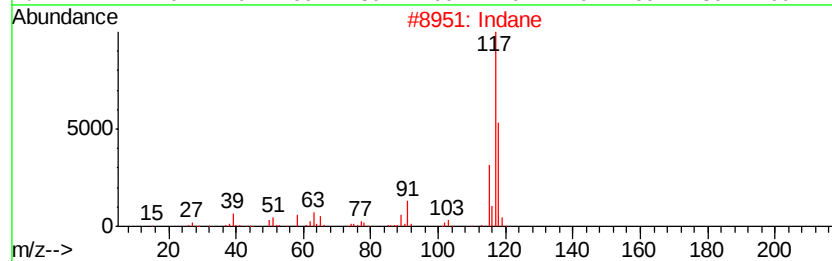
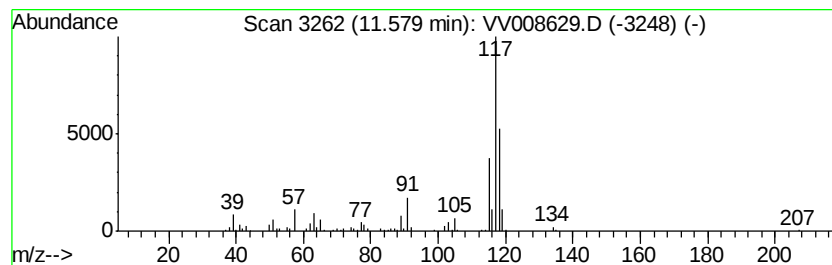
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.66 ug/L	175710	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	74
3	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	74
4	Indane		118	C9H10	000496-11-7	72
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

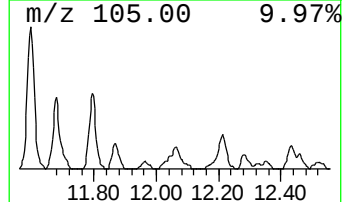
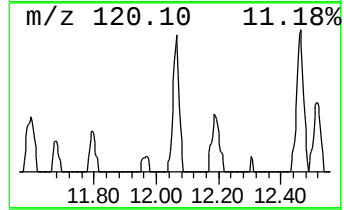
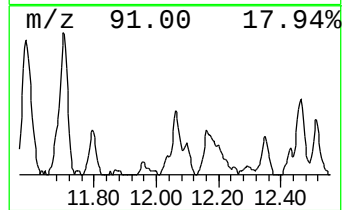
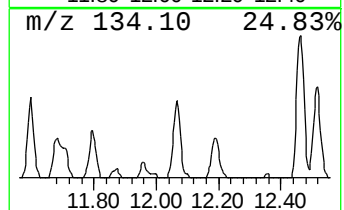
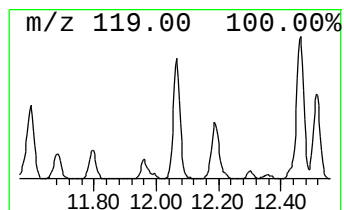
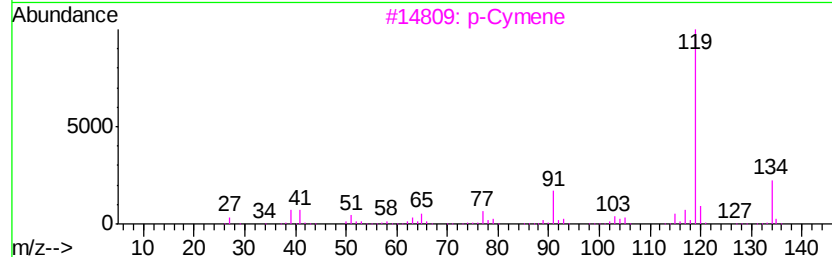
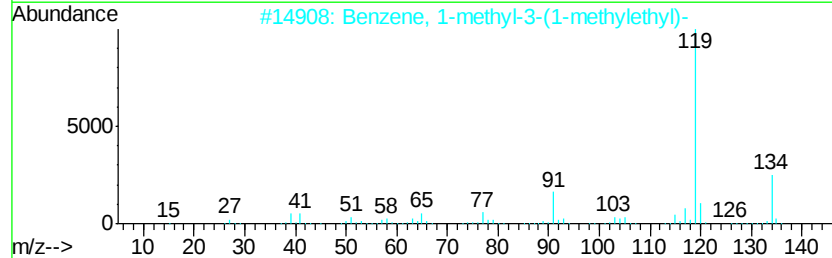
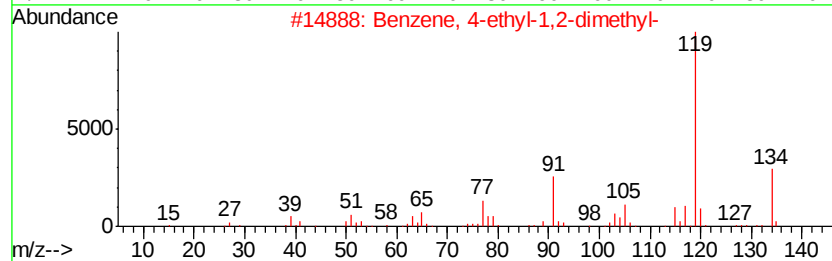
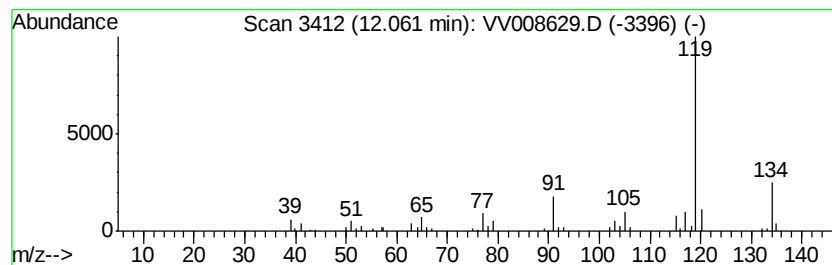
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.51 ug/L	54465	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

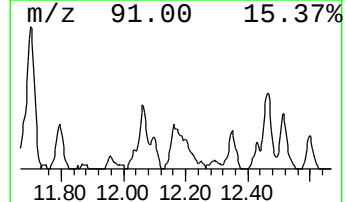
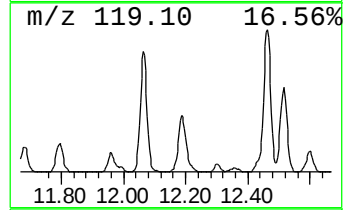
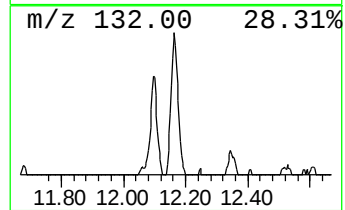
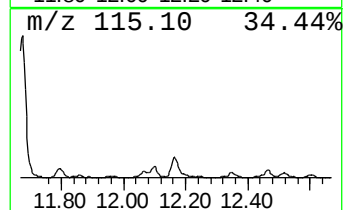
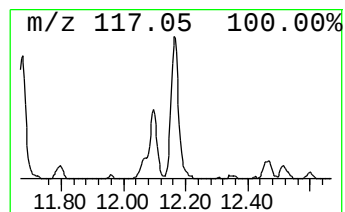
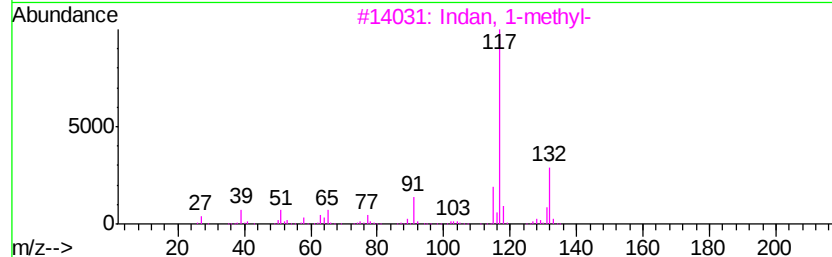
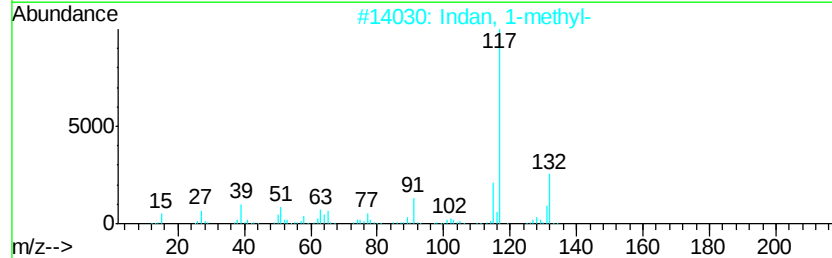
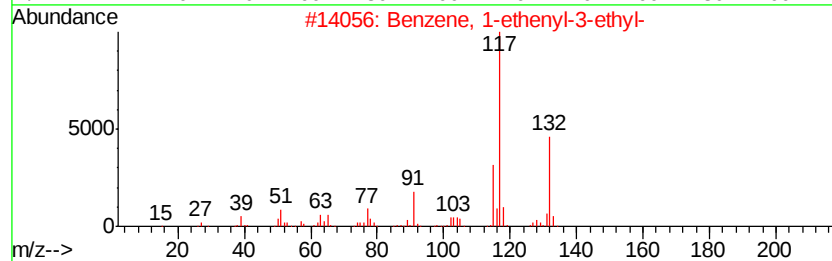
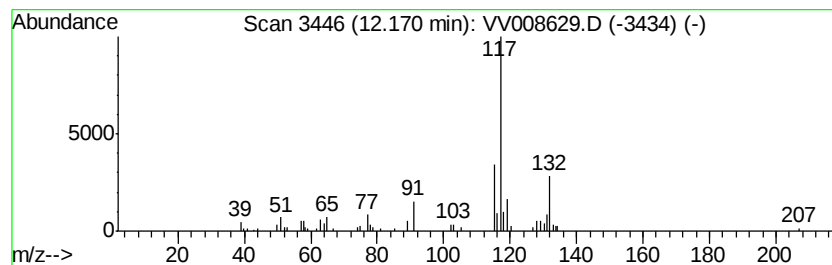
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	0.78 ug/L	82256	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2		Indan, 1-methyl-	132	C10H12	000767-58-8	76
3		Indan, 1-methyl-	132	C10H12	000767-58-8	74
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

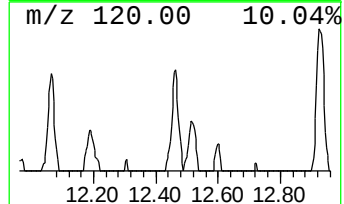
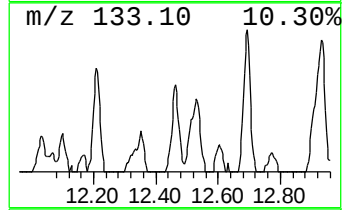
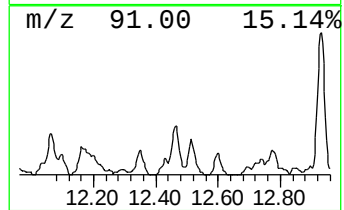
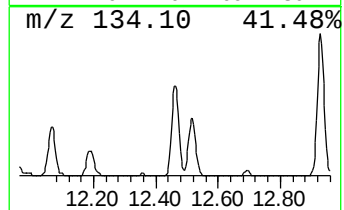
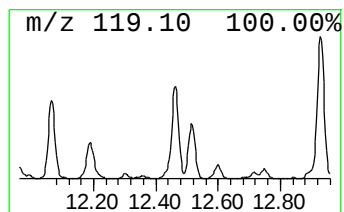
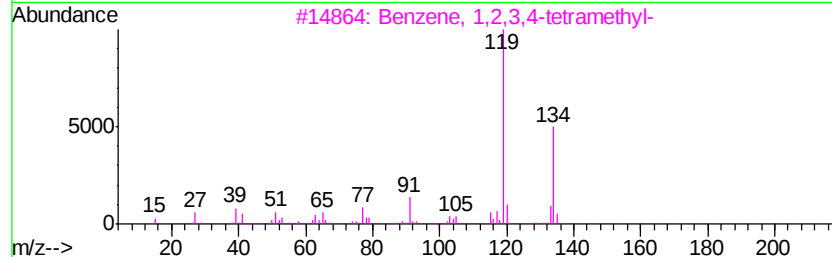
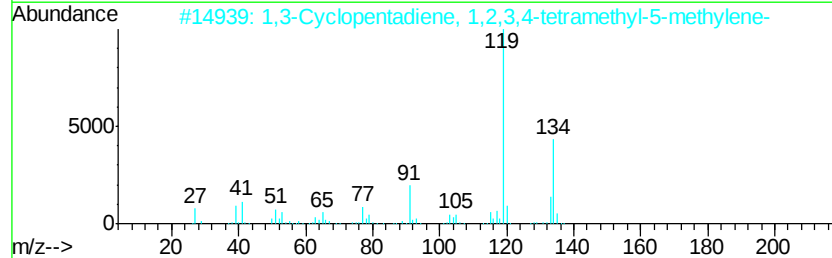
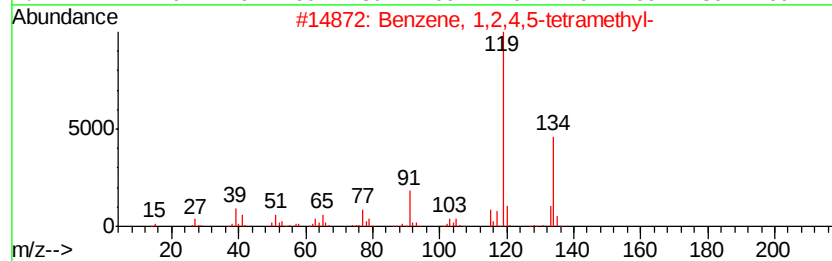
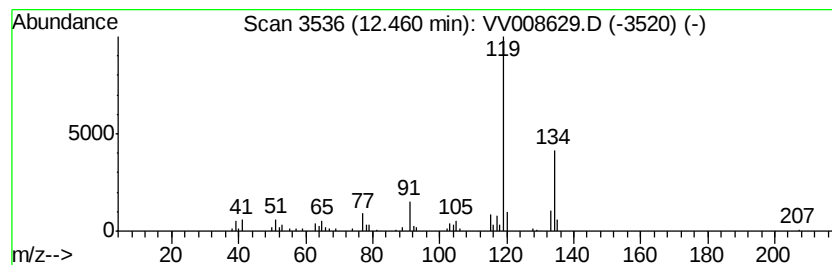
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.67 ug/L	71071	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

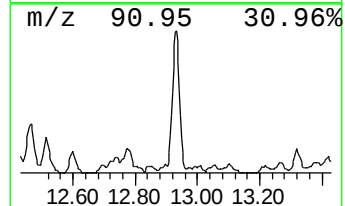
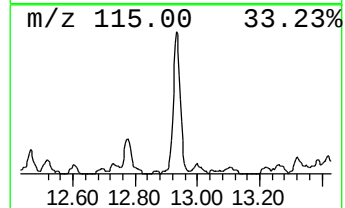
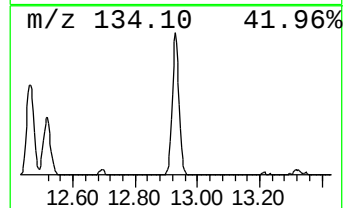
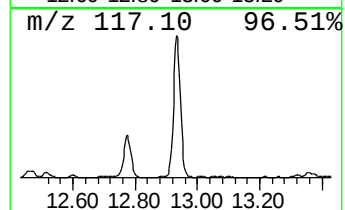
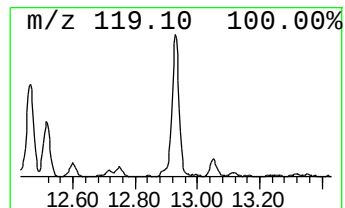
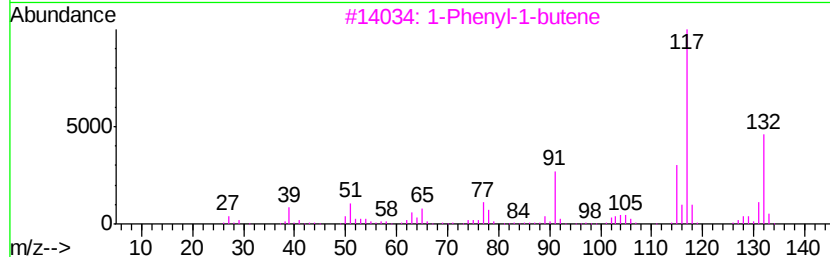
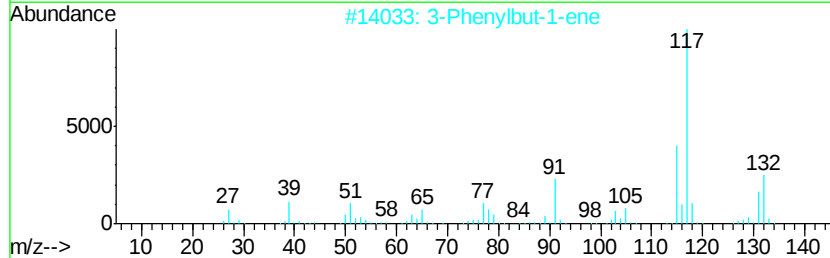
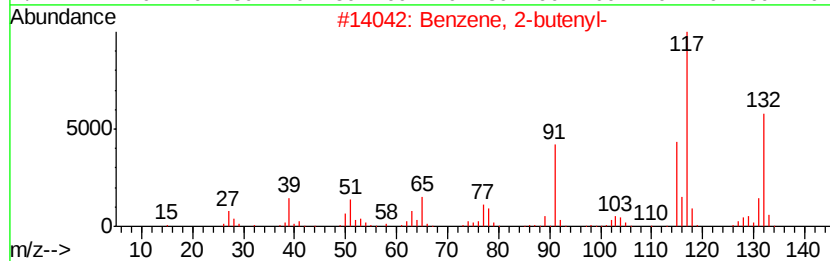
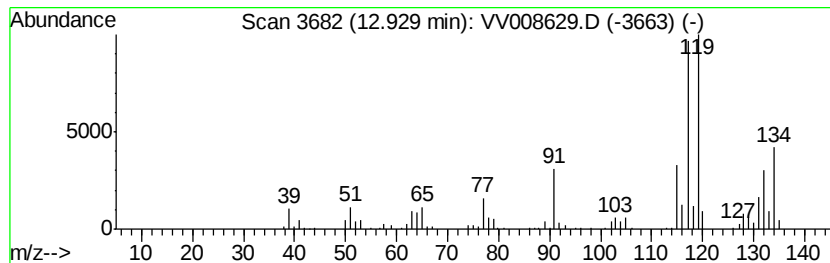
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-butenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.99 ug/L	211272	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008629.D
Acq On : 17 Nov 2018 15:13
Operator : SY/MD
Sample : J5990-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETO79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, tetrah...	8.27	0.5	ug/L	46402	2	8.90	458590	5.0
Benzene, propyl-	10.40	0.6	ug/L	66078	3	11.30	529753	5.0
Indane	11.58	1.7	ug/L	175710	3	11.30	529753	5.0
Benzene, 4-ethyl-...	12.06	0.5	ug/L	54465	3	11.30	529753	5.0
Benzene, 1-etheny...	12.17	0.8	ug/L	82256	3	11.30	529753	5.0
Benzene, 1,2,4,5-...	12.46	0.7	ug/L	71071	3	11.30	529753	5.0
Benzene, 2-butenyl-	12.93	2.0	ug/L	211272	3	11.30	529753	5.0