

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010570.D
 Acq On : 28 May 2019 16:33
 Operator : SY/VA
 Sample : K3041-06
 Misc : 3.27G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_W\METHOD\82W052019S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	6	9	23	rVB3	6421	17793	1.26%	0.308%
2	4.129	354	365	374	rBV	6880	18127	1.29%	0.314%
3	7.141	848	859	870	rBV2	8732	24719	1.75%	0.428%
4	7.884	972	981	986	rBV	91072	217601	15.43%	3.764%
5	7.952	986	992	1004	rVB	167779	373475	26.48%	6.460%
6	8.305	1040	1050	1063	rBV	83667	184352	13.07%	3.189%
7	8.842	1130	1138	1148	rBV	241005	474611	33.65%	8.210%
8	10.323	1373	1381	1389	rBV	381863	679020	48.14%	11.746%
9	11.634	1588	1596	1608	rBV	287685	489455	34.70%	8.467%
10	12.475	1724	1734	1751	rBV	836448	1410581	100.00%	24.401%
11	12.621	1751	1758	1764	rBV	209614	349320	24.76%	6.043%
12	12.682	1764	1768	1770	rVV2	13278	20514	1.45%	0.355%
13	12.725	1770	1775	1781	rVB	48963	86278	6.12%	1.492%
14	12.871	1793	1799	1802	rBV	9077	15805	1.12%	0.273%
15	12.945	1806	1811	1817	rVB	15938	27680	1.96%	0.479%
16	13.030	1817	1825	1832	rBV	73390	128484	9.11%	2.223%
17	13.255	1856	1862	1869	rBV	22902	35615	2.52%	0.616%
18	13.469	1890	1897	1901	rBV	57025	107048	7.59%	1.852%
19	13.560	1906	1912	1921	rVB	218905	356029	25.24%	6.159%
20	13.761	1940	1945	1948	rBV	30467	48125	3.41%	0.832%
21	14.011	1980	1986	1989	rBV4	7490	15077	1.07%	0.261%
22	14.103	1994	2001	2006	rVB3	10850	25524	1.81%	0.442%
23	14.213	2013	2019	2024	rVB2	14843	23304	1.65%	0.403%
24	14.444	2045	2057	2064	rBV4	14354	50426	3.57%	0.872%
25	14.694	2093	2098	2103	rBV2	19583	33928	2.41%	0.587%
26	14.810	2109	2117	2123	rBV2	25775	53949	3.82%	0.933%
27	15.072	2152	2160	2168	rBV3	20294	42901	3.04%	0.742%
28	15.176	2173	2177	2183	rVB3	6829	15314	1.09%	0.265%
29	15.371	2198	2209	2219	rBV	186615	330873	23.46%	5.724%
30	15.475	2221	2226	2232	rVV4	5973	15059	1.07%	0.260%
31	16.450	2380	2386	2393	rBV	27984	57328	4.06%	0.992%
32	16.651	2409	2419	2429	rBV	22507	52587	3.73%	0.910%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-2-S2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_W\METHOD\82W052019S.M
Title : SW846 8260

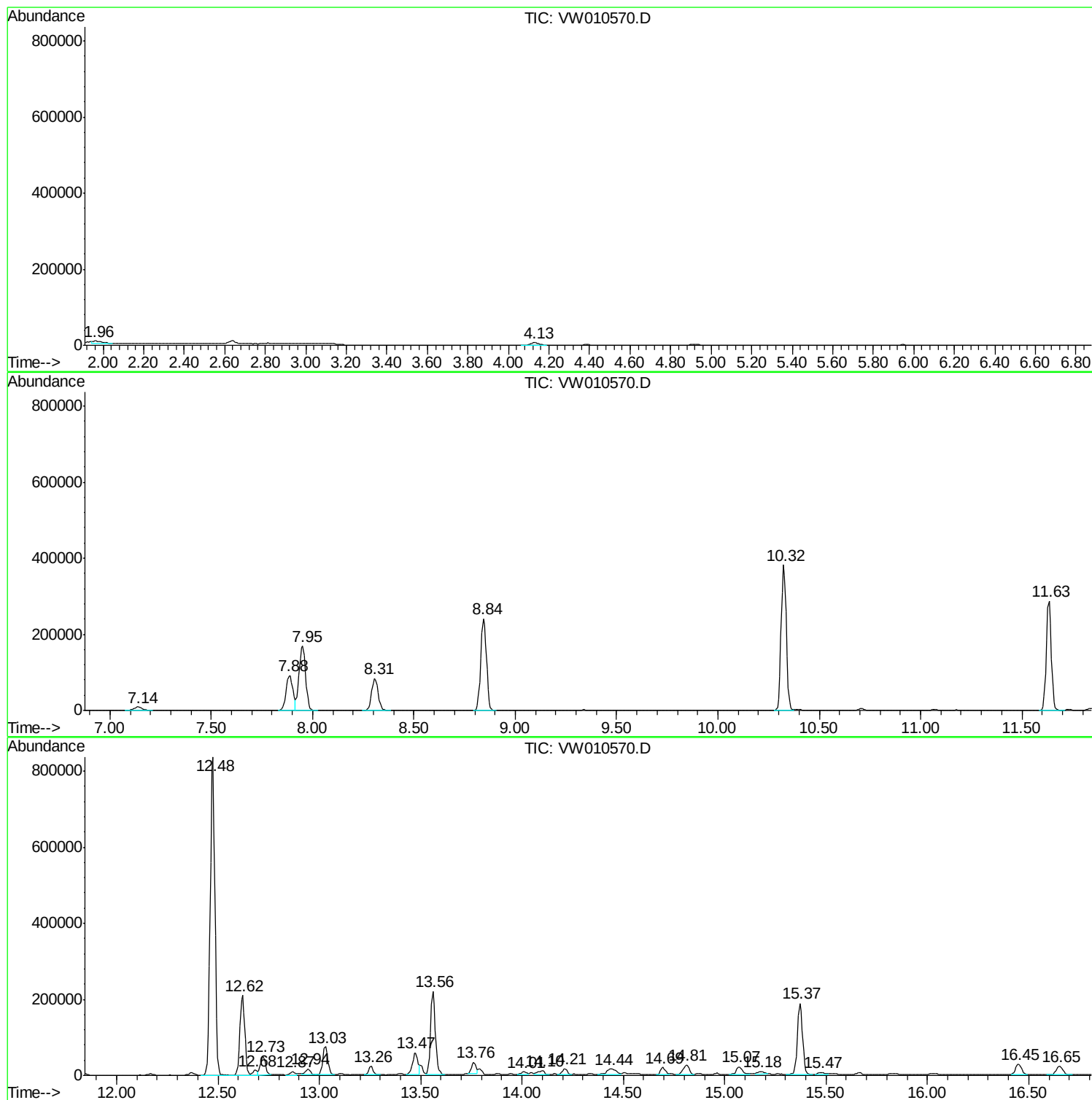
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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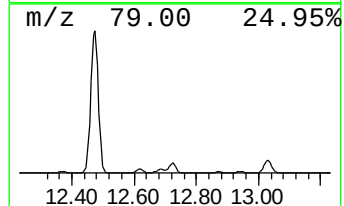
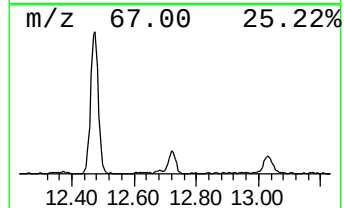
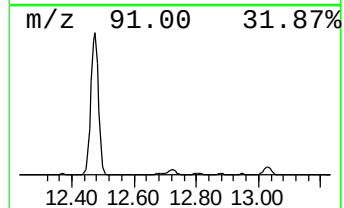
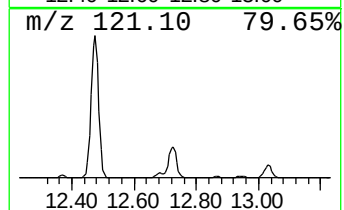
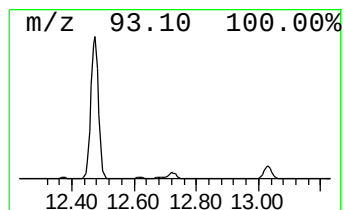
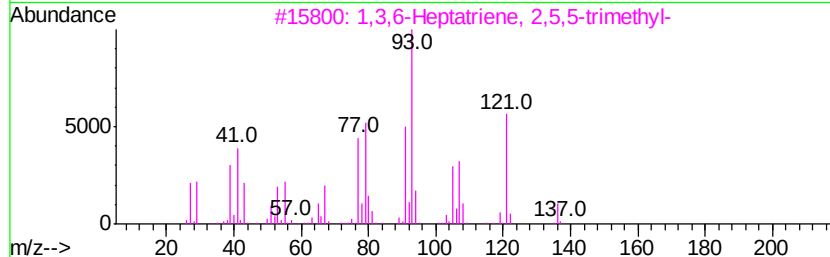
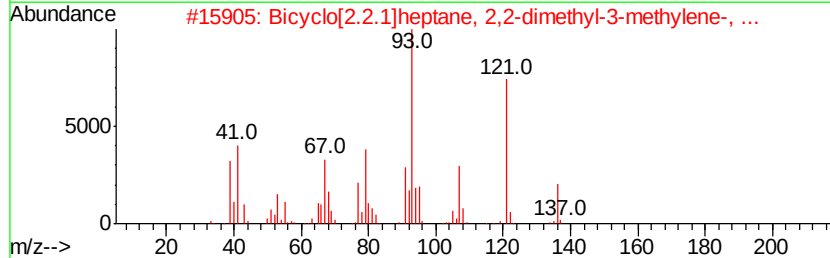
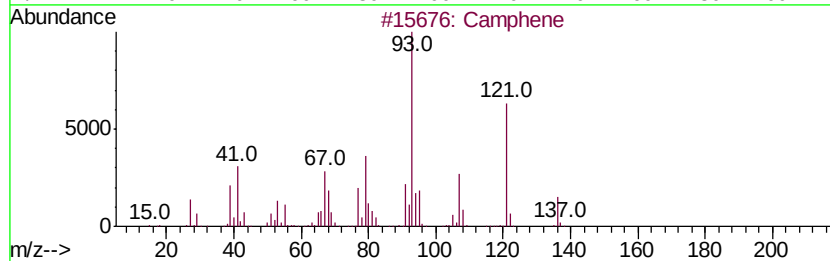
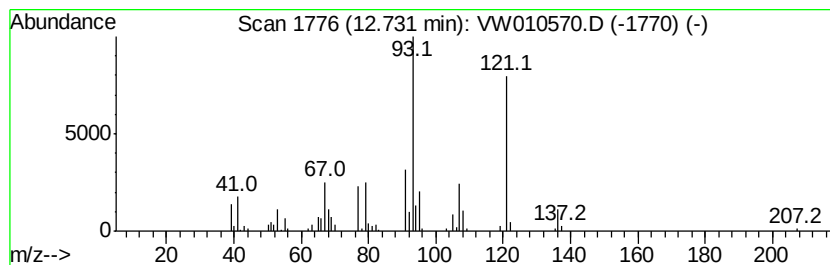
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 1 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	12.12 ug/l	86278	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphene	136 C10H16	000079-92-5	94
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-04-7	90
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136 C10H16	029548-02-5	83
4	Santolina triene	136 C10H16	002153-66-4	74
5	Cyclohexene, 1-methyl-4-(1-methy...	136 C10H16	000586-62-9	74



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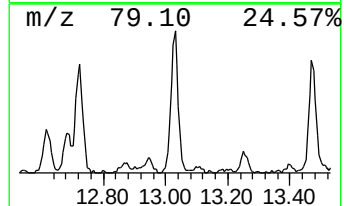
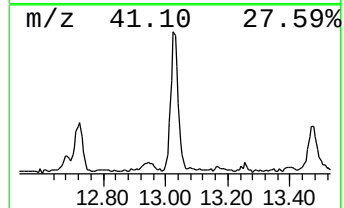
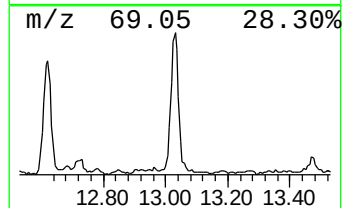
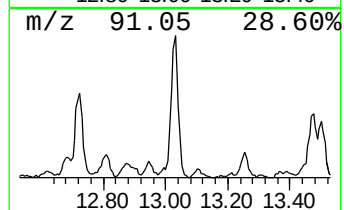
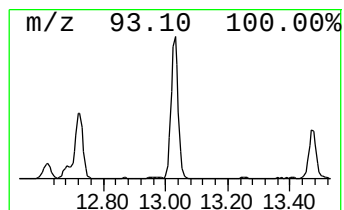
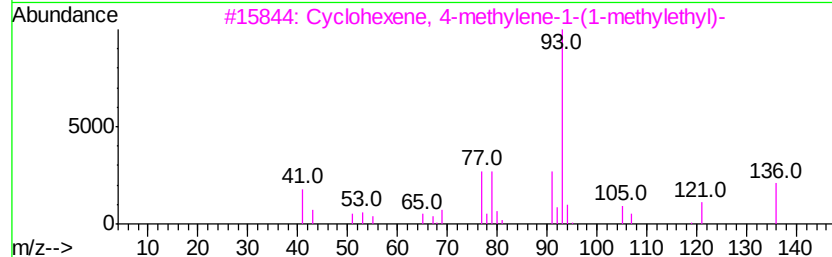
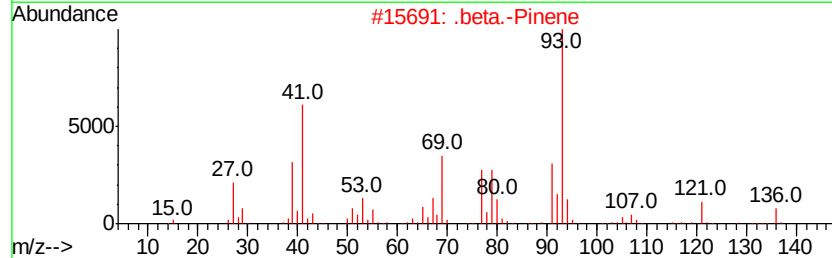
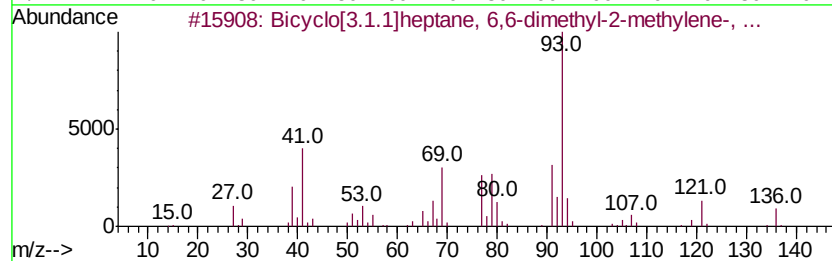
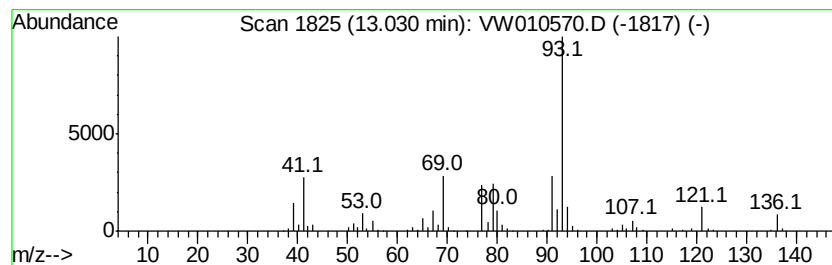
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	18.04 ug/l	128484	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 97
2		.beta.-Pinene	136 C10H16	000127-91-3 96
3		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
4		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 90
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136 C10H16	000508-32-7 90



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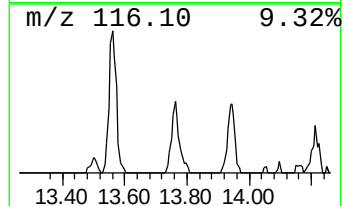
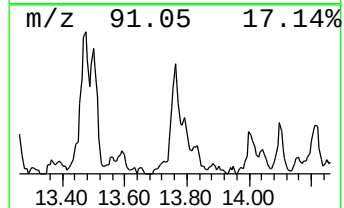
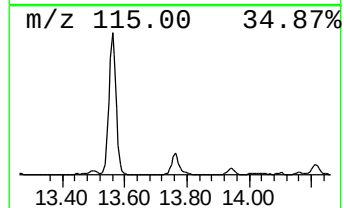
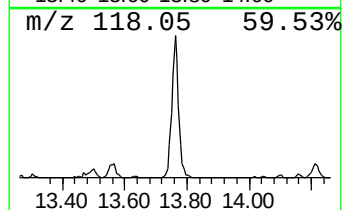
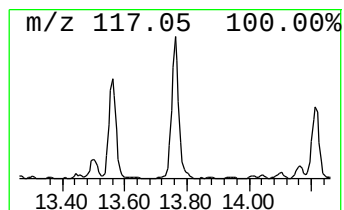
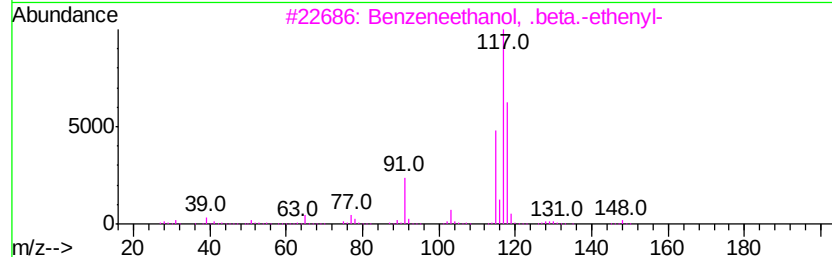
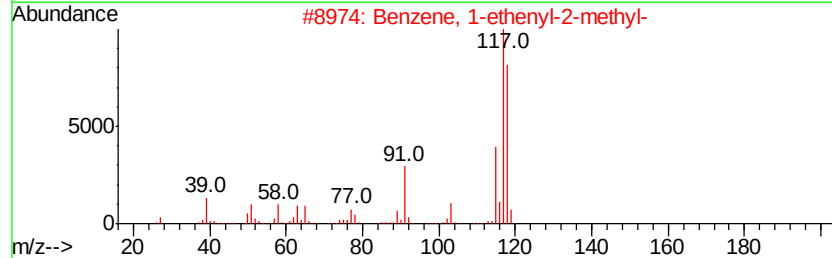
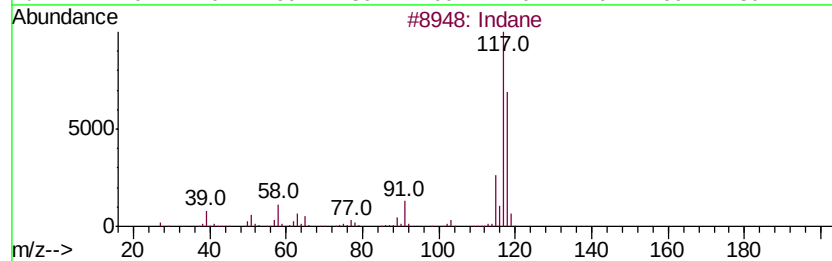
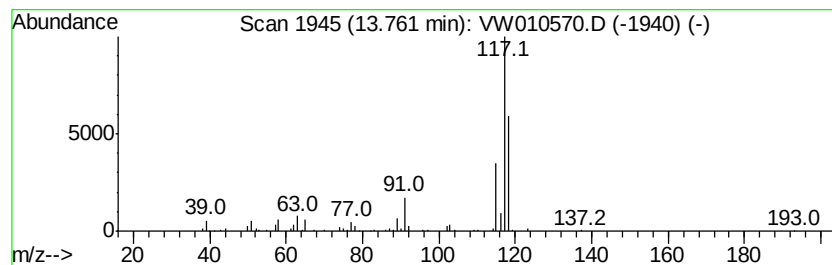
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.76 ug/l	48125	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	87
2	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	87
3	Benzeneethanol, .beta.-ethenyl-		148	C10H12O	006052-63-7	83
4	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	81
5	Benzene, 1-ethenyl-3-methyl-		118	C9H10	000100-80-1	81



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 Misc : 3.27G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 TP-2-S2

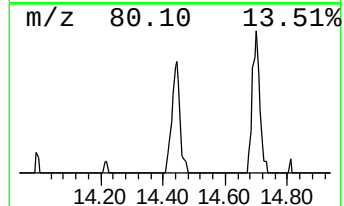
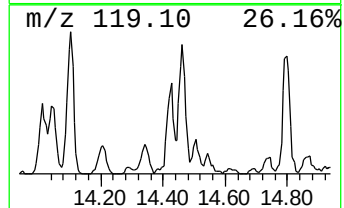
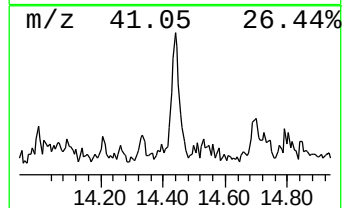
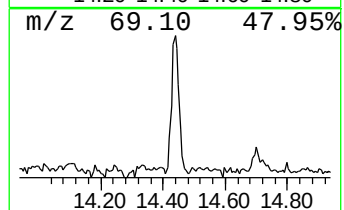
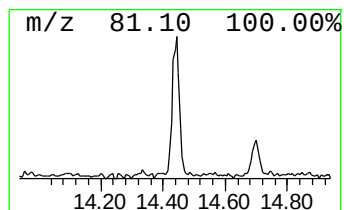
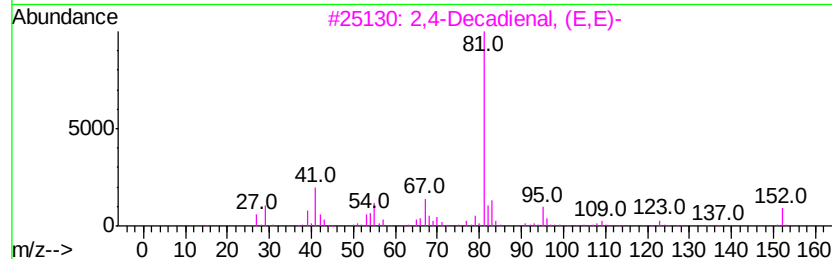
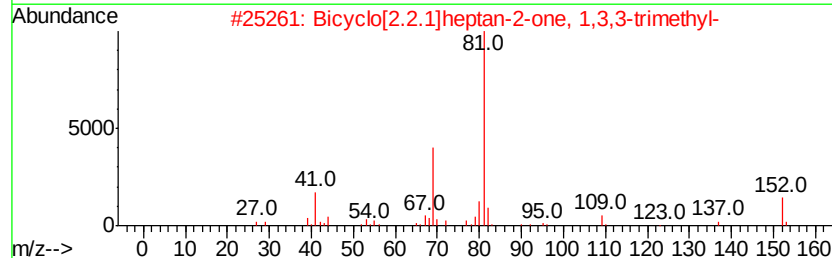
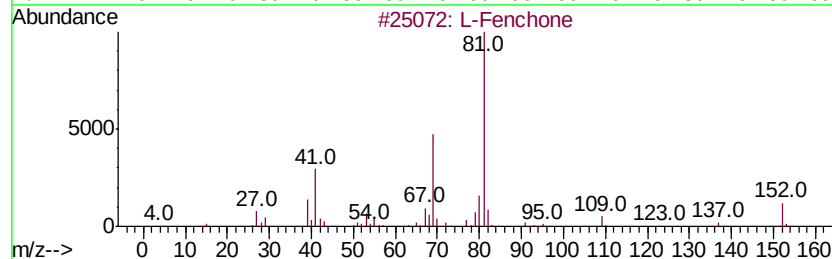
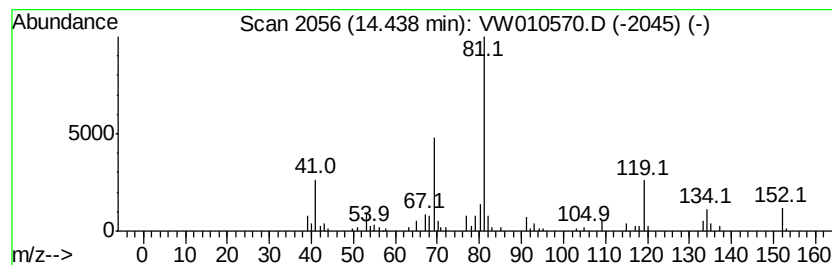
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 L-Fenchone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	7.08 ug/l	50426	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		L-Fenchone	152	C10H16O	007787-20-4	76
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	70
3		2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	50
4		Cyclohexane, 1,4-dichloro-	152	C6H10Cl2	019398-57-3	43
5		Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	43



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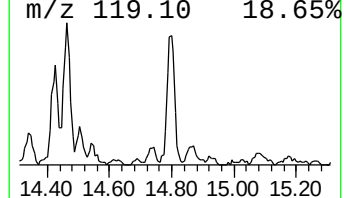
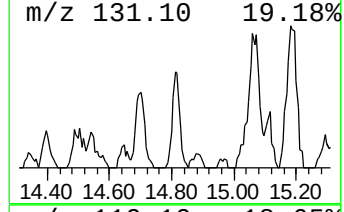
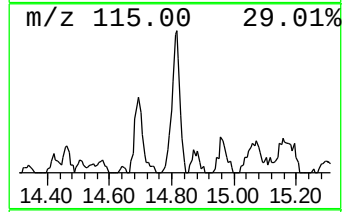
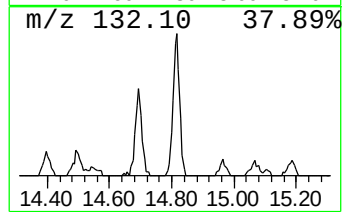
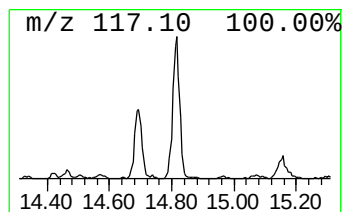
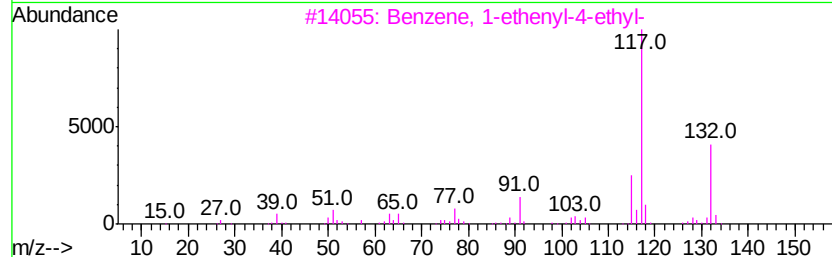
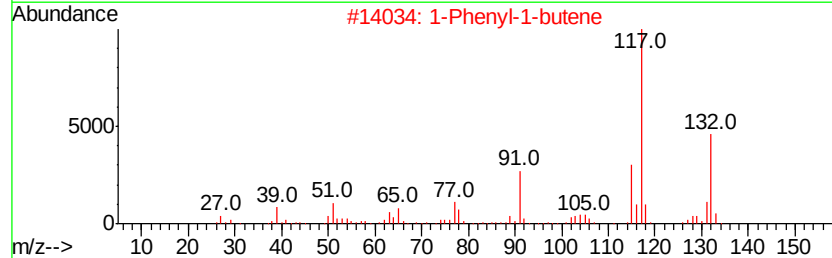
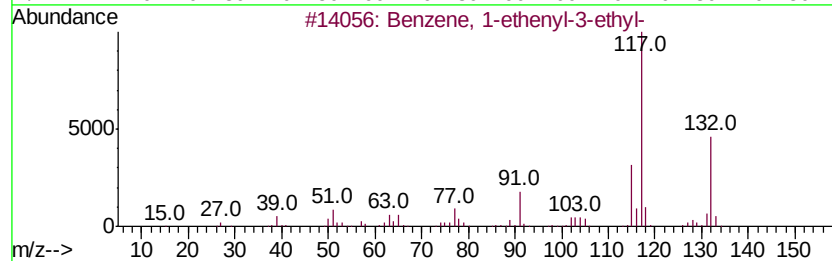
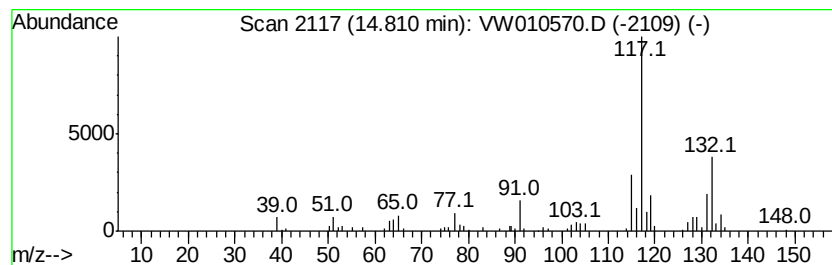
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.58 ug/l	53949	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	87



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Misc : 3.27G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

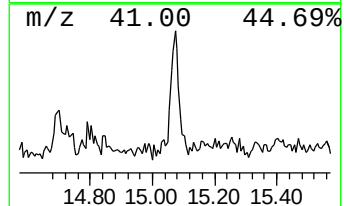
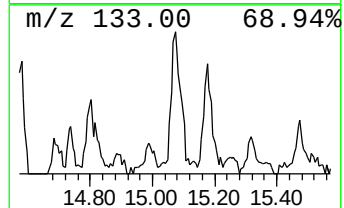
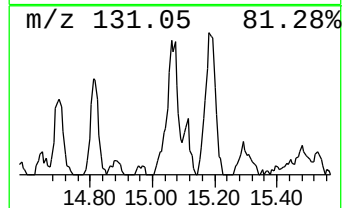
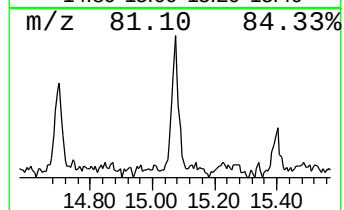
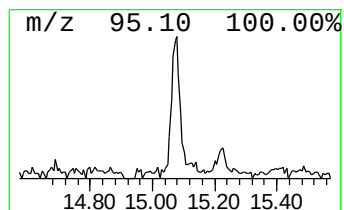
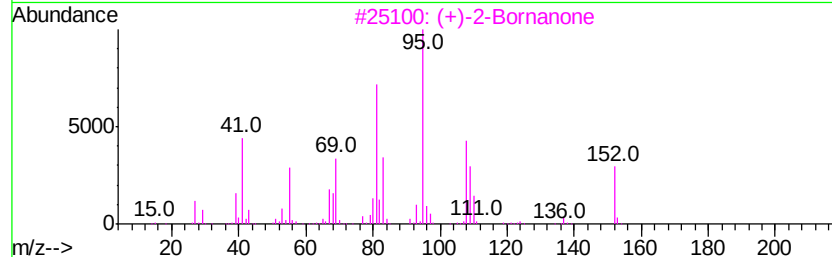
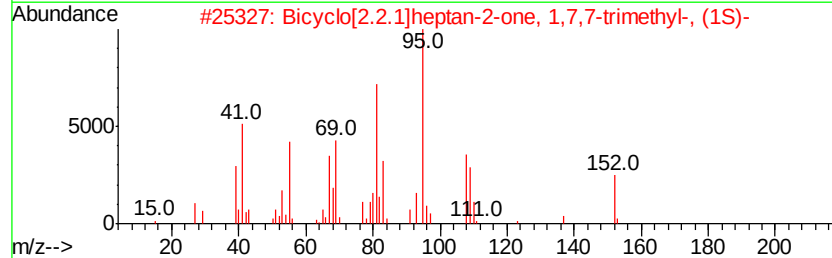
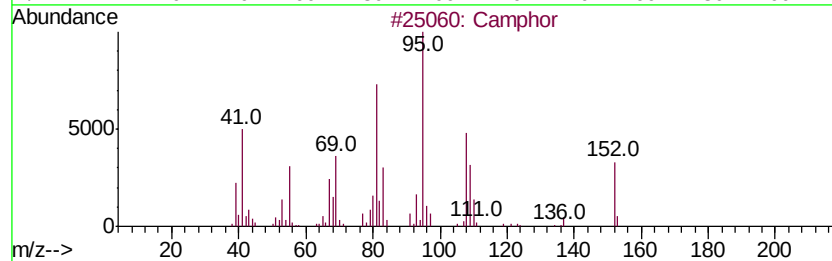
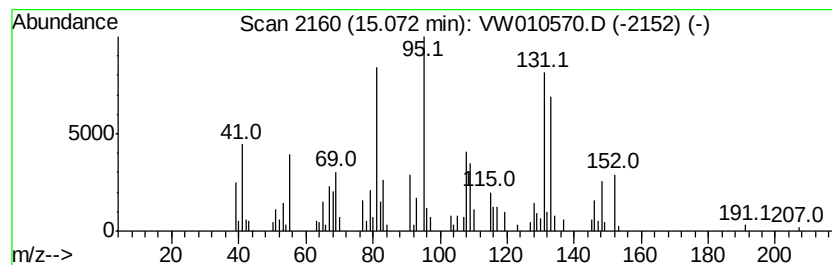
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 6 Camphor Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.07	6.02 ug/l	42901	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	90
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	78
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	78
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	25
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
Data File : VW010570.D
Acq On : 28 May 2019 16:33
Operator : SY/VA
Sample : K3041-06
Misc : 3.27G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

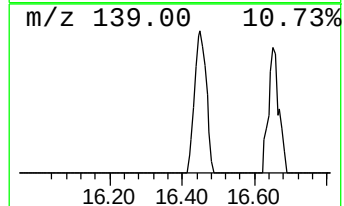
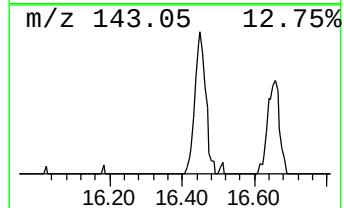
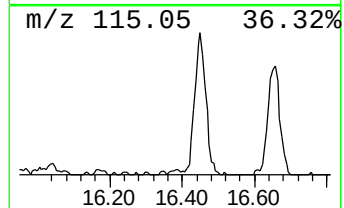
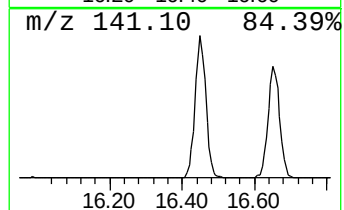
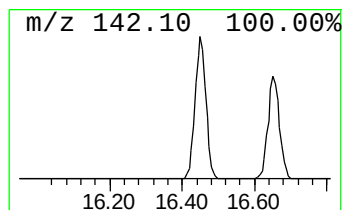
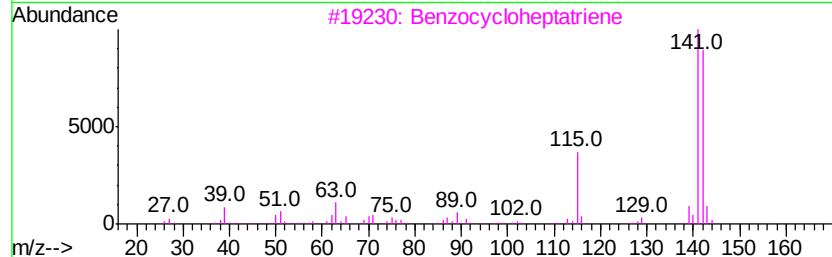
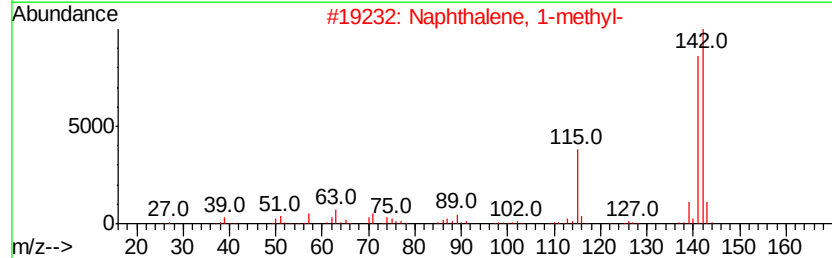
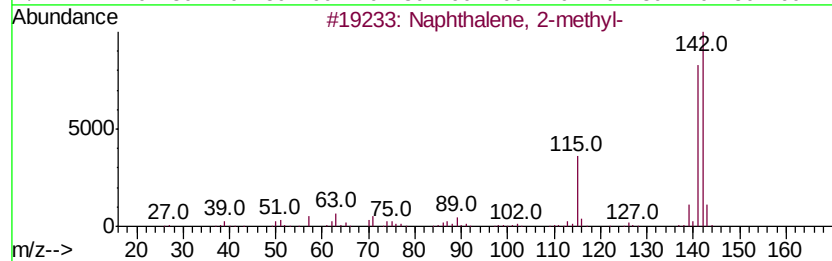
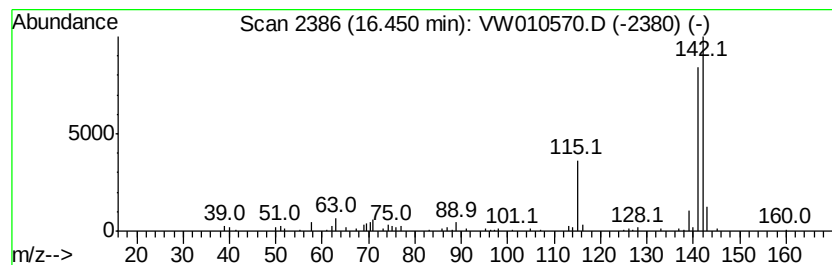
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	8.05 ug/l	57328	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
3		Benzocycloheptatriene	142 C11H10	000264-09-5 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW052819\
Data File : VW010570.D
Acq On : 28 May 2019 16:33
Operator : SY/VA
Sample : K3041-06
Misc : 3.27G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Camphene	12.73	12.1	ug/l	86278	4	13.56	356029	50.0
Bicyclo[3.1.1]hept...	13.03	18.0	ug/l	128484	4	13.56	356029	50.0
Indane	13.76	6.8	ug/l	48125	4	13.56	356029	50.0
L-Fenchone	14.44	7.1	ug/l	50426	4	13.56	356029	50.0
Benzene, 1-etheny...	14.81	7.6	ug/l	53949	4	13.56	356029	50.0
Camphor	15.07	6.0	ug/l	42901	4	13.56	356029	50.0
Naphthalene, 1-me...	16.45	8.1	ug/l	57328	4	13.56	356029	50.0