

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011948.D
 Acq On : 16 Aug 2019 00:46
 Operator : SY/VA
 Sample : K4372-01
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMPOSITE

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\82W072719S.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	1.953	6	8	25	rVB3	35175	98057	1.85%	0.268%
2	4.135	355	366	394	rVB	43333	147016	2.77%	0.402%
3	4.781	461	472	483	rBV2	45297	145170	2.73%	0.397%
4	4.915	483	494	514	rVV	36151	131927	2.48%	0.361%
5	6.287	708	719	732	rVB3	22063	67963	1.28%	0.186%
6	7.695	937	950	965	rBV	626120	1486846	28.00%	4.064%
7	7.884	972	981	986	rBV2	120924	290562	5.47%	0.794%
8	7.945	986	991	1003	rVB2	286378	670420	12.63%	1.833%
9	8.305	1042	1050	1062	rBV2	144176	337683	6.36%	0.923%
10	8.458	1065	1075	1088	rVV	52386	133331	2.51%	0.364%
11	8.842	1129	1138	1149	rBV	353521	713546	13.44%	1.951%
12	9.848	1297	1303	1308	rBV	169349	317231	5.97%	0.867%
13	9.909	1308	1313	1319	rVB	140229	241770	4.55%	0.661%
14	10.201	1355	1361	1369	rBV	175085	316408	5.96%	0.865%
15	10.323	1374	1381	1387	rVV	512244	920038	17.33%	2.515%
16	10.390	1387	1392	1398	rVB	186476	333374	6.28%	0.911%
17	11.414	1556	1560	1570	rVB6	25793	79320	1.49%	0.217%
18	11.652	1589	1599	1607	rBV2	454248	1353939	25.50%	3.701%
19	11.731	1607	1612	1620	rVB	261768	436982	8.23%	1.195%
20	11.841	1625	1630	1634	rBV	89649	154819	2.92%	0.423%
21	12.140	1672	1679	1681	rBV3	83758	168744	3.18%	0.461%
22	12.250	1693	1697	1702	rVB	114805	182638	3.44%	0.499%
23	12.365	1708	1716	1724	rVB3	95935	310194	5.84%	0.848%
24	12.463	1726	1732	1737	rBV	815517	1332352	25.09%	3.642%
25	12.621	1752	1758	1767	rBV3	288524	726719	13.69%	1.987%
26	12.780	1780	1784	1792	rVB2	96739	240065	4.52%	0.656%
27	12.902	1792	1804	1815	rBV	2635091	5310096	100.00%	14.516%
28	13.103	1830	1837	1843	rBV	1934685	3131125	58.97%	8.559%
29	13.164	1843	1847	1852	rBV	223529	307608	5.79%	0.841%
30	13.249	1857	1861	1865	rVB	180639	269398	5.07%	0.736%
31	13.347	1873	1877	1879	rBV2	47922	66375	1.25%	0.181%
32	13.444	1888	1893	1897	rBV4	190072	321139	6.05%	0.878%
33	13.493	1897	1901	1907	rVV2	296506	511460	9.63%	1.398%
34	13.585	1907	1916	1921	rBV3	332509	903290	17.01%	2.469%

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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

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35	13.719	1932	1938	1940	rBV	414551	674687	12.71%	1.844%
36	13.761	1940	1945	1959	rVB	2679411	5086900	95.80%	13.906%
37	13.877	1959	1964	1969	rBV3	338387	618296	11.64%	1.690%
38	14.011	1982	1986	1988	rBV	331677	465089	8.76%	1.271%
39	14.042	1988	1991	1995	rVV	327818	518042	9.76%	1.416%
40	14.097	1995	2000	2009	rVB	1160754	1915160	36.07%	5.235%
41	14.207	2013	2018	2023	rVB2	235391	407432	7.67%	1.114%
42	14.261	2023	2027	2034	rBV8	71248	175070	3.30%	0.479%
43	14.341	2035	2040	2044	rBV	188790	330518	6.22%	0.904%
44	14.383	2044	2047	2050	rVV3	98340	148188	2.79%	0.405%
45	14.420	2050	2053	2057	rVB	170192	227910	4.29%	0.623%
46	14.499	2063	2066	2070	rBV2	72872	122096	2.30%	0.334%
47	14.688	2092	2097	2102	rBV	532236	837732	15.78%	2.290%
48	14.810	2110	2117	2122	rBV2	798547	1562940	29.43%	4.272%
49	15.066	2155	2159	2164	rBV3	120760	203344	3.83%	0.556%
50	16.633	2412	2416	2430	rVB4	403249	1130721	21.29%	3.091%

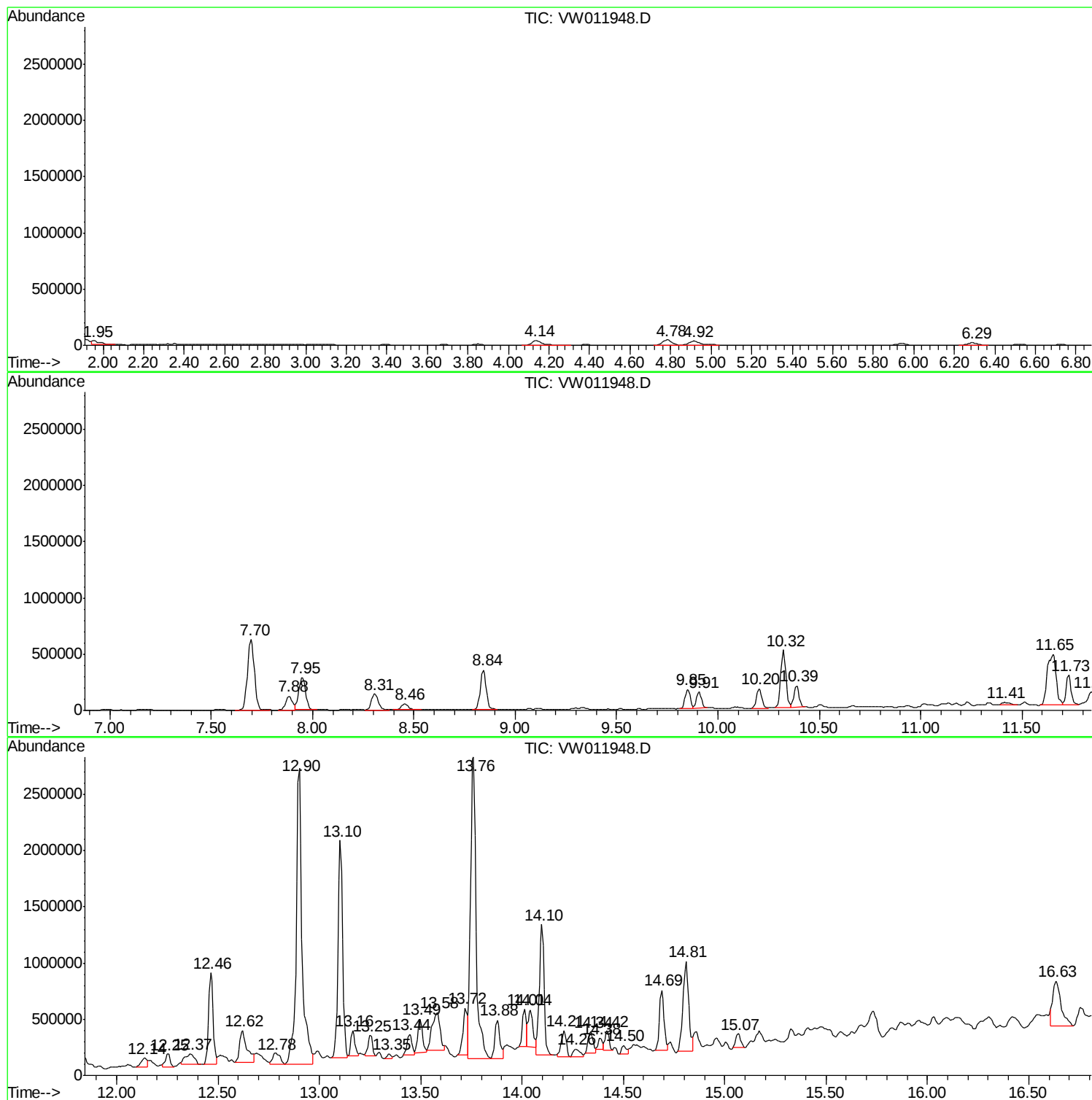
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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



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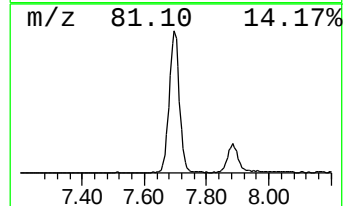
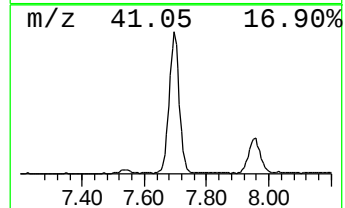
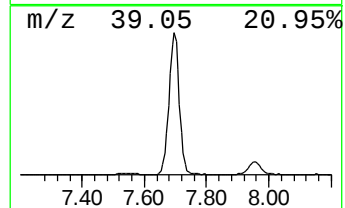
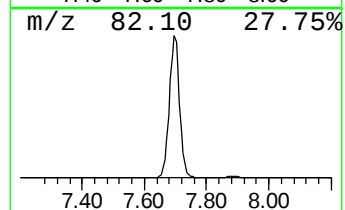
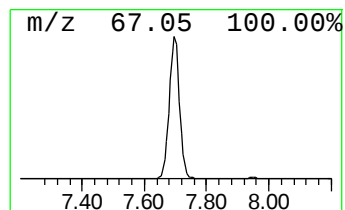
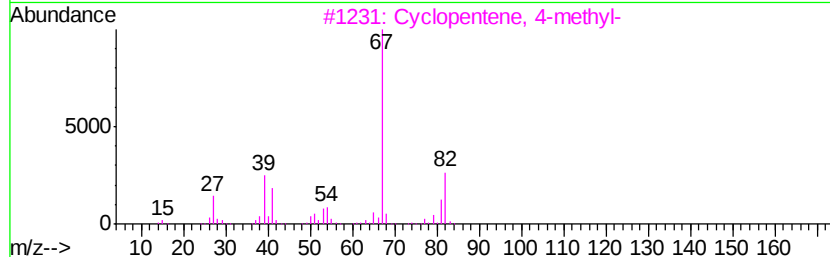
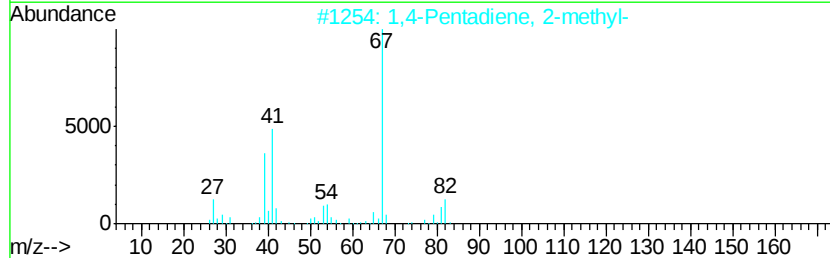
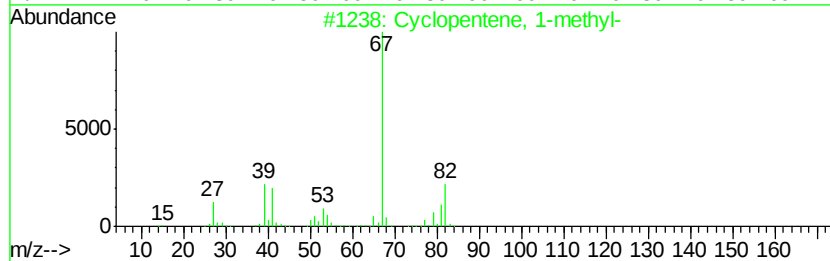
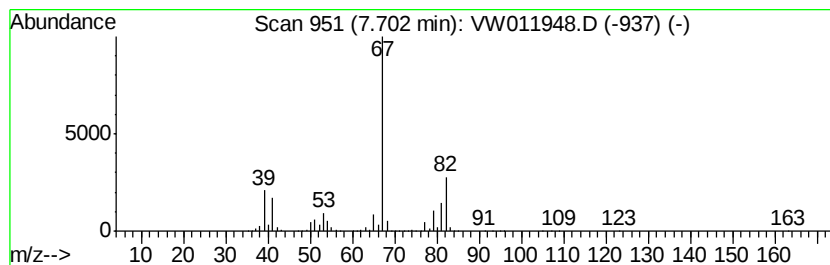
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	110.89 ug/l	1486850	Pentafluorobenzene	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2		1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	90
3		Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
4		Cyclopentane, methylene-	82	C6H10	001528-30-9	87
5		Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87



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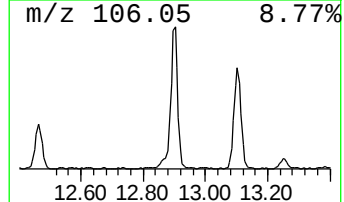
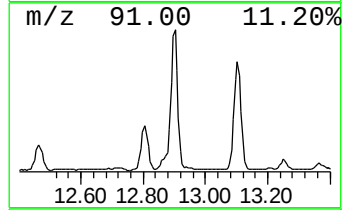
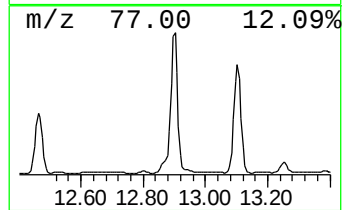
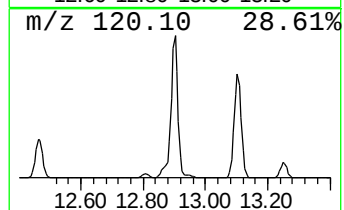
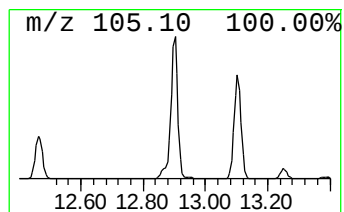
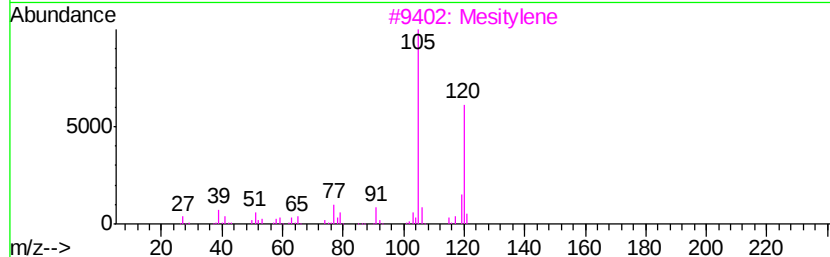
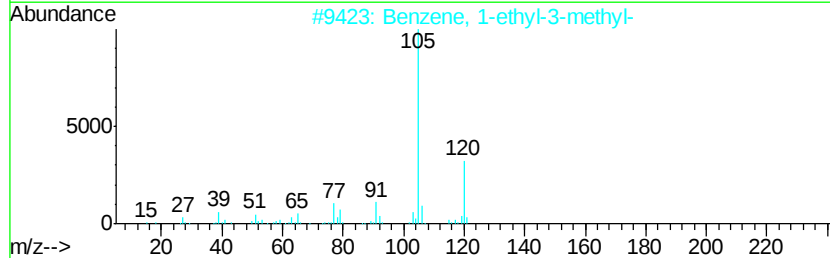
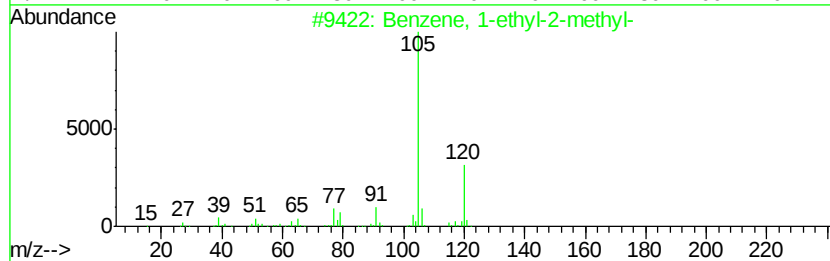
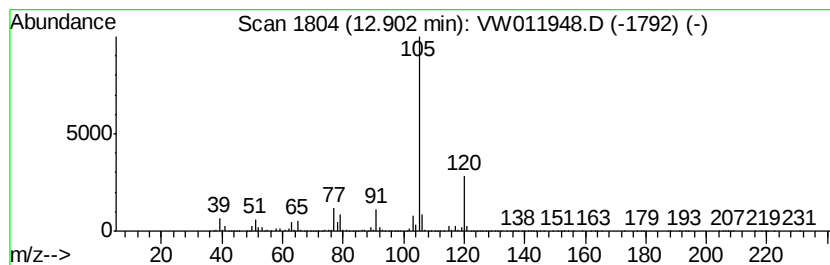
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	293.93 ug/l	5310100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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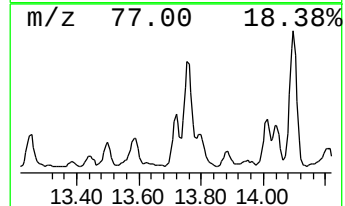
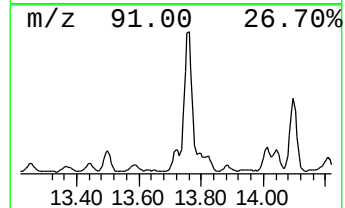
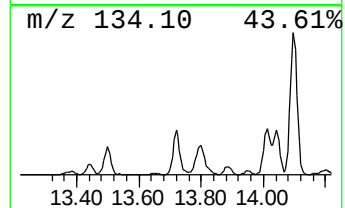
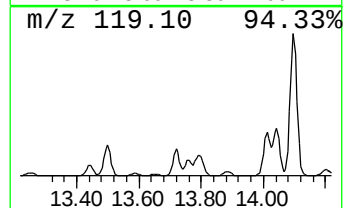
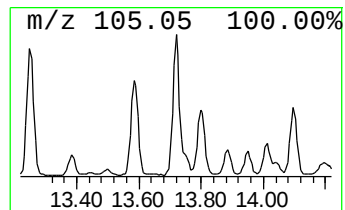
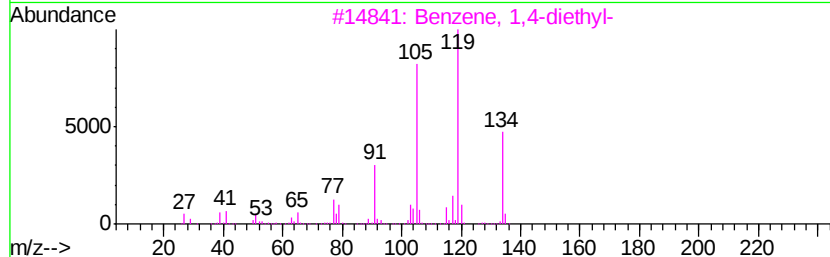
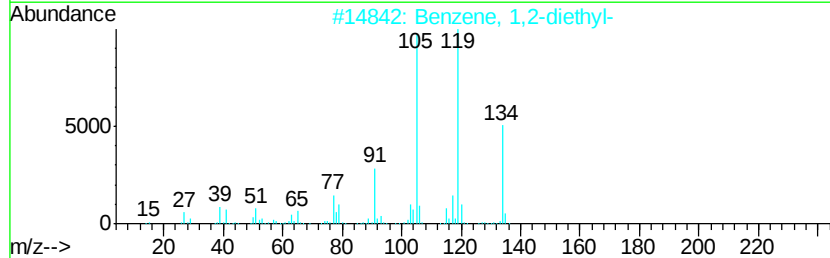
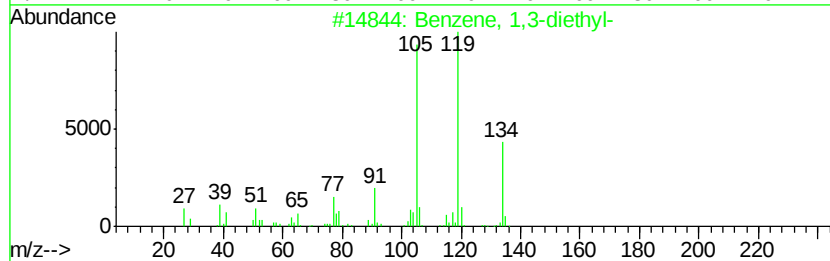
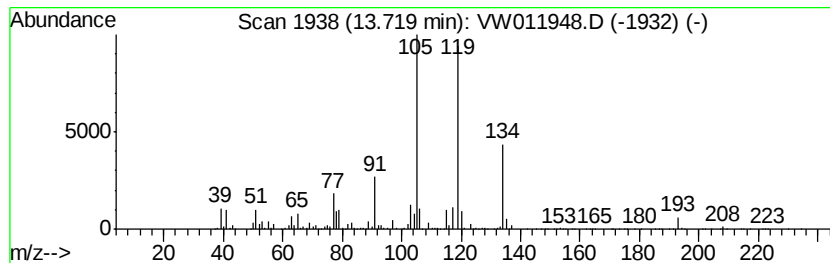
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	37.35 ug/l	674687	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



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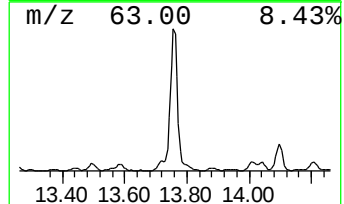
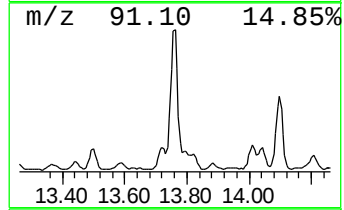
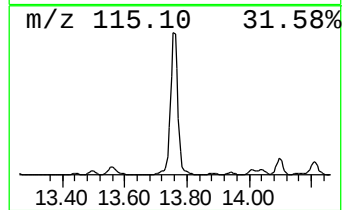
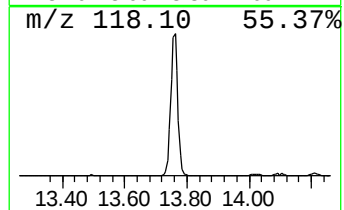
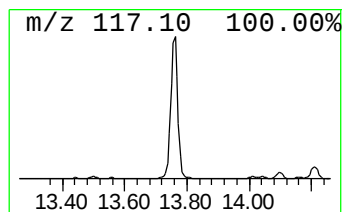
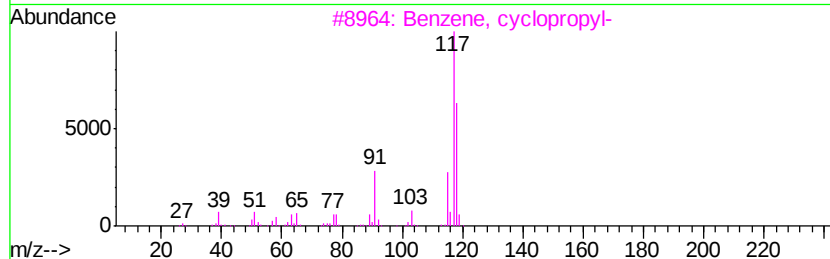
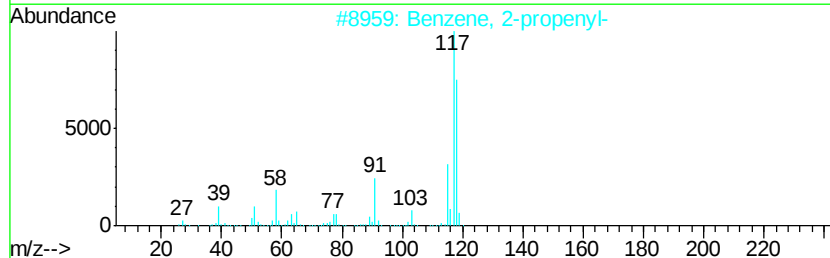
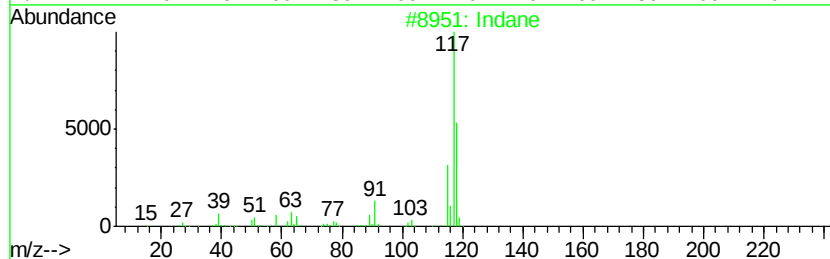
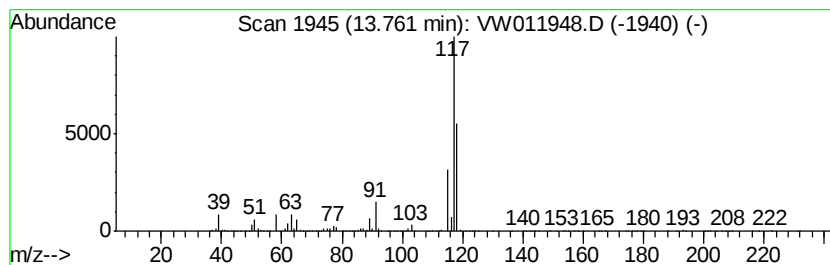
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	281.58 ug/l	5086900	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, 2-propenyl-		118	C9H10	000300-57-2	64
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
4	Benzene, 1-(chloromethyl)-4-ethe...		152	C9H9Cl	001592-20-7	59
5	trans-Cinnamyl bromide		196	C9H9Br	026146-77-0	53



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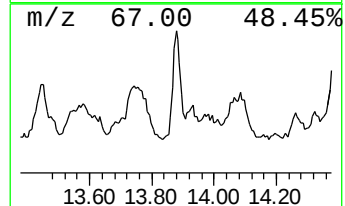
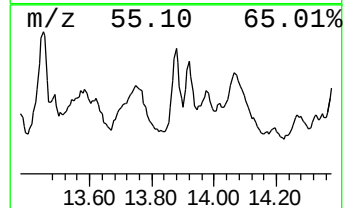
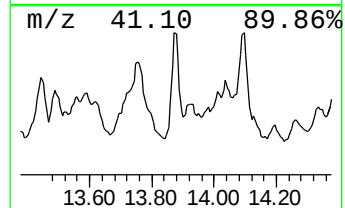
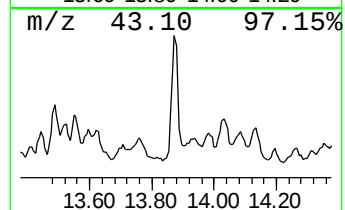
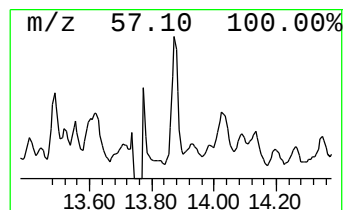
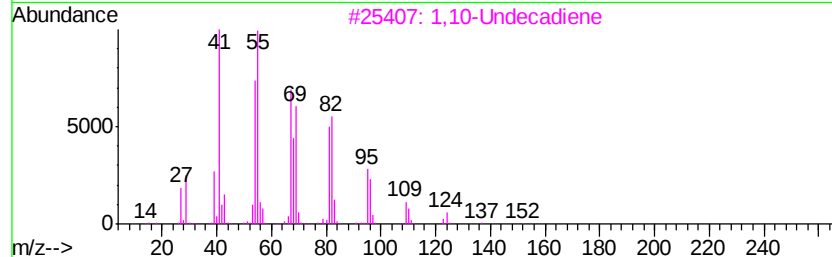
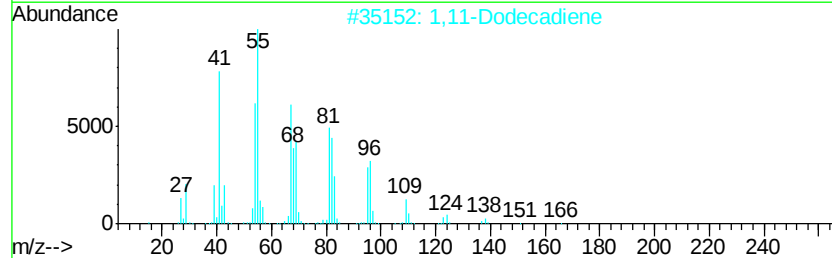
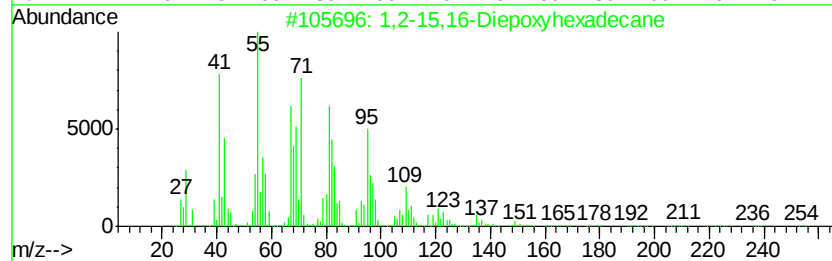
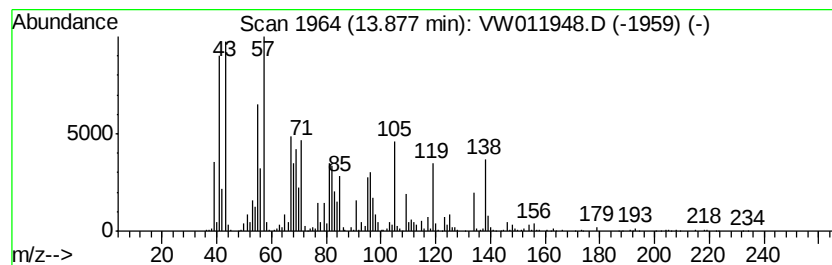
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.88 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	34.22 ug/l	618296	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	43
2			1,11-Dodecadiene	166	C12H22	005876-87-9	30
3			1,10-Undecadiene	152	C11H20	013688-67-0	27
4			3-Octyne, 6-methyl-	124	C9H16	062108-34-3	25
5			Bicyclo[2.1.1]hexane-1-carboxyli...	154	C9H14O2	003753-38-6	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011948.D
Acq On : 16 Aug 2019 00:46
Operator : SY/VA
Sample : K4372-01
Misc : 4.25G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMPOSITE

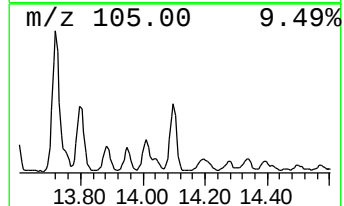
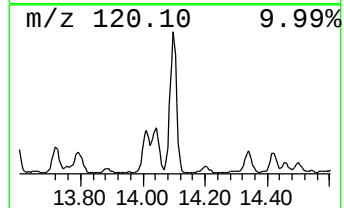
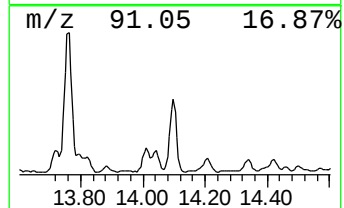
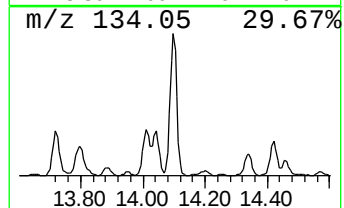
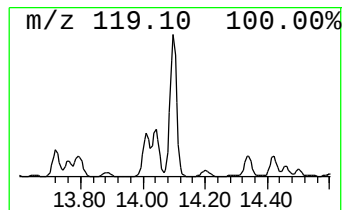
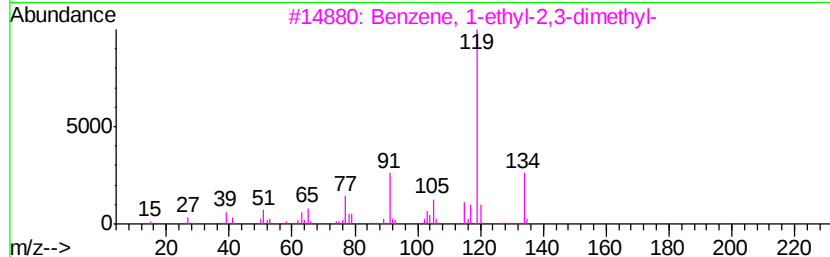
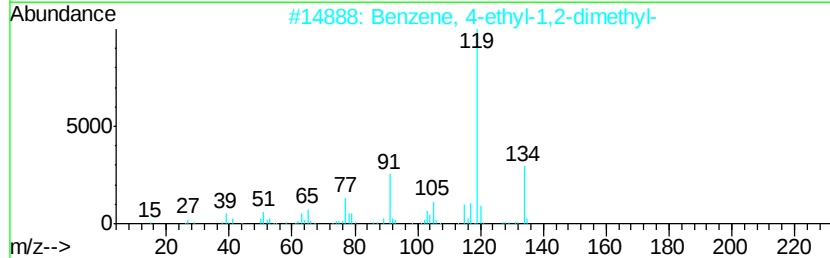
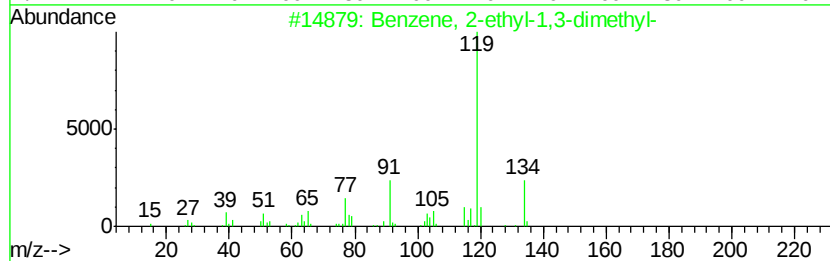
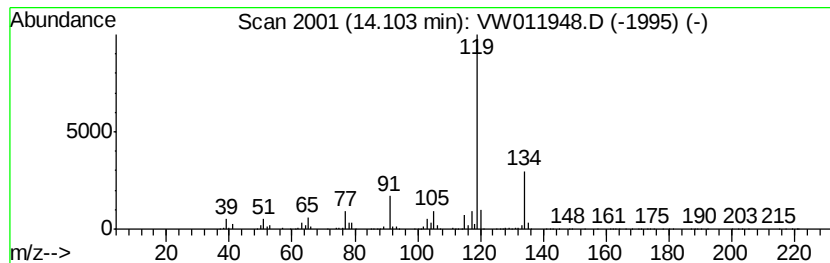
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	106.01 ug/l	1915160	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011948.D
Acq On : 16 Aug 2019 00:46
Operator : SY/VA
Sample : K4372-01
Misc : 4.25G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMPOSITE

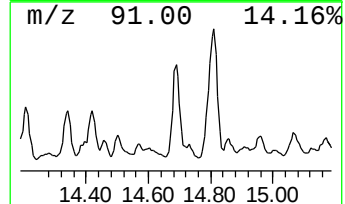
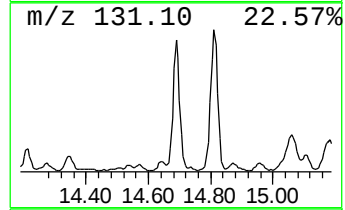
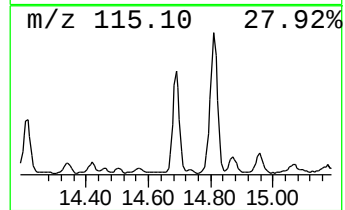
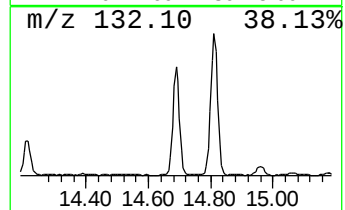
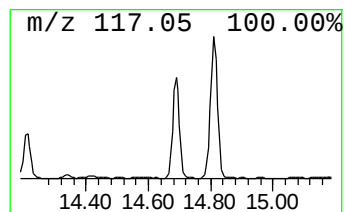
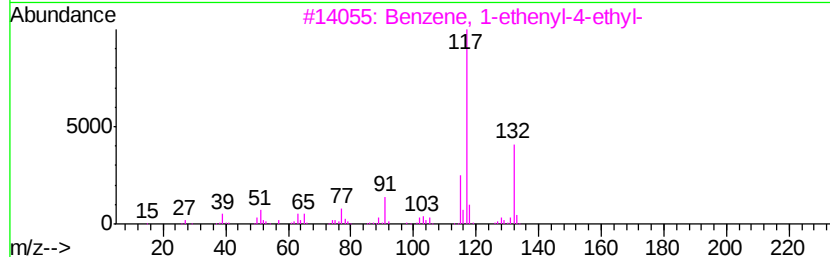
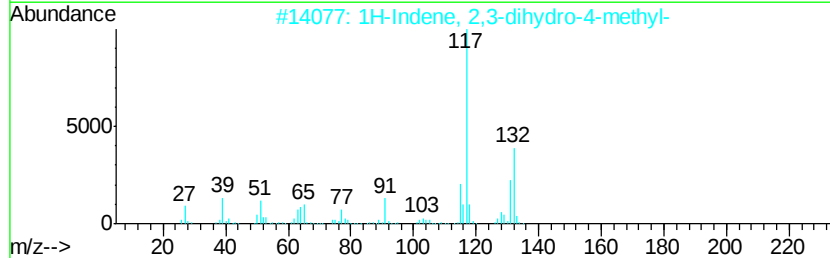
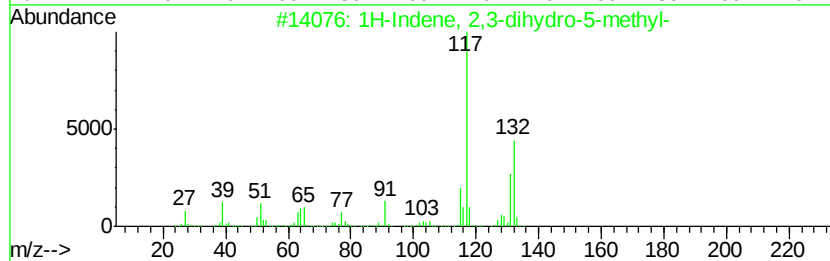
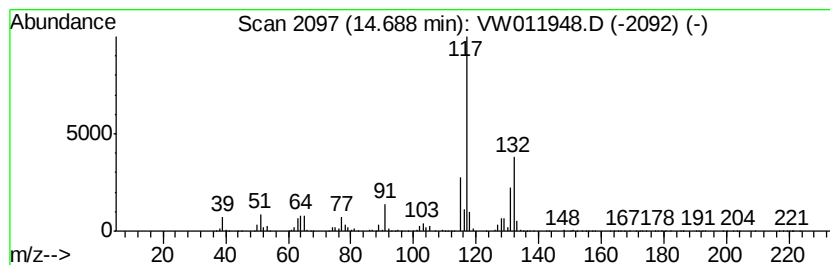
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	46.37 ug/l	837732	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011948.D
Acq On : 16 Aug 2019 00:46
Operator : SY/VA
Sample : K4372-01
Misc : 4.25G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMPOSITE

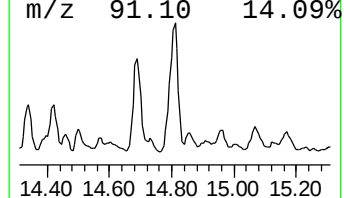
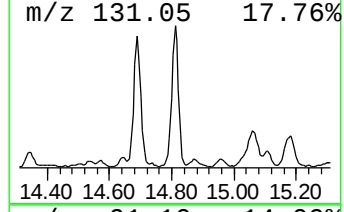
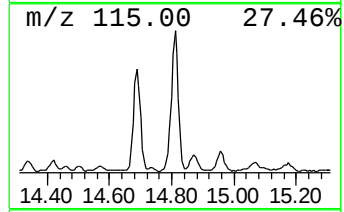
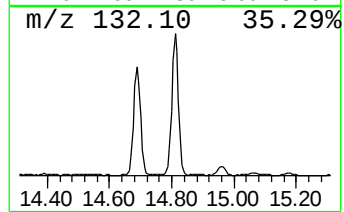
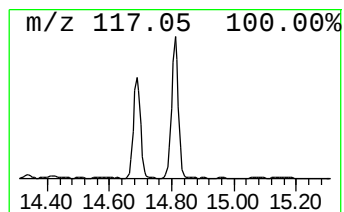
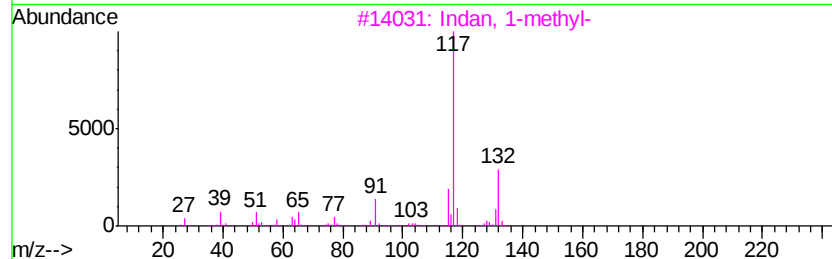
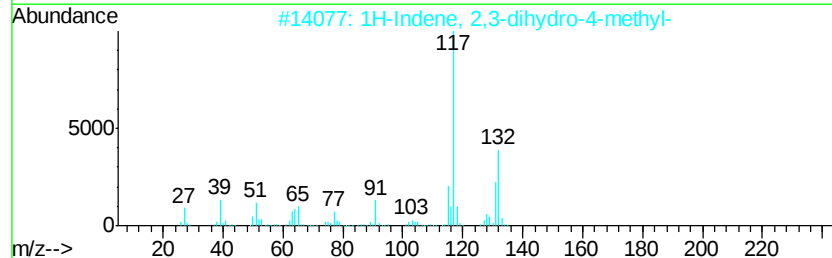
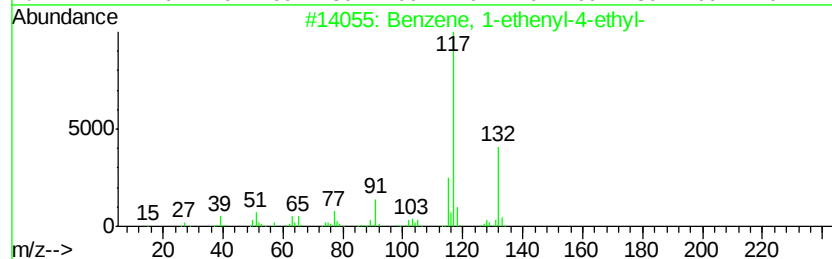
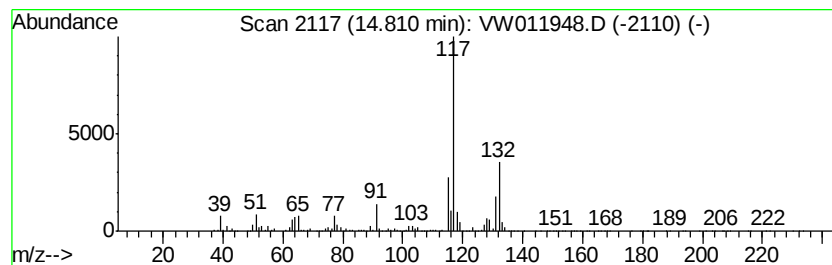
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	86.51 ug/l	1562940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3		Indan, 1-methyl-	132	C10H12	000767-58-8	93
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011948.D
Acq On : 16 Aug 2019 00:46
Operator : SY/VA
Sample : K4372-01
Misc : 4.25G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMPOSITE

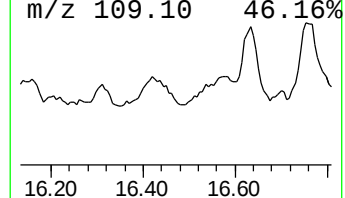
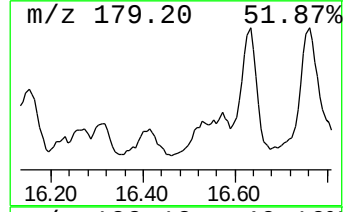
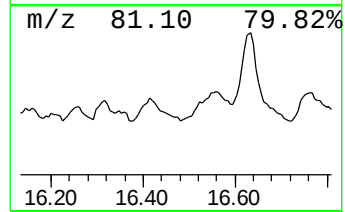
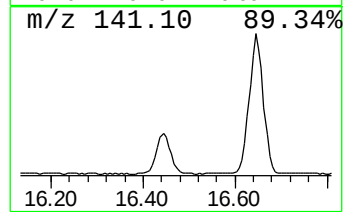
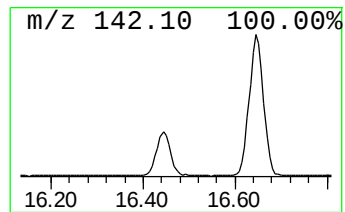
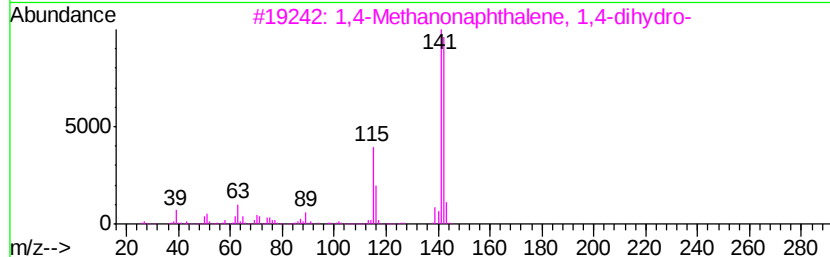
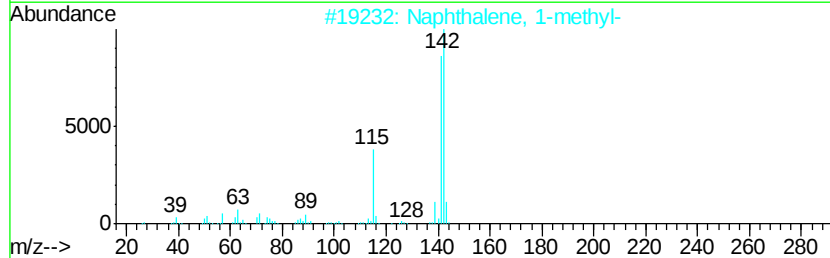
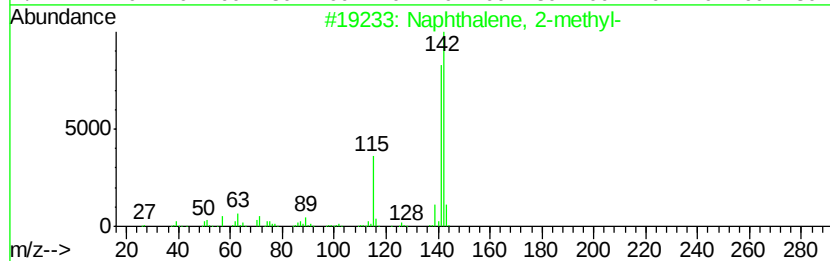
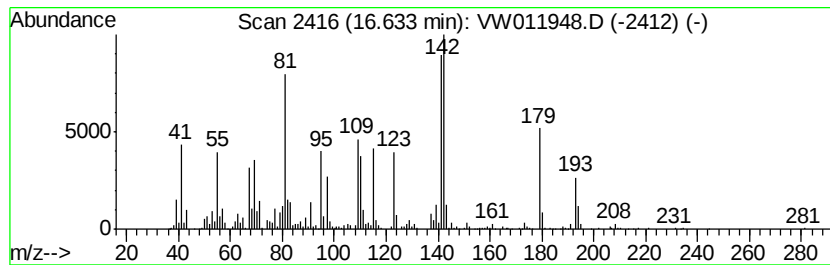
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	62.59 ug/l	1130720	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	56
4		Benzocycloheptatriene	142	C11H10	000264-09-5	42
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081619\
Data File : VW011948.D
Acq On : 16 Aug 2019 00:46
Operator : SY/VA
Sample : K4372-01
Misc : 4.25G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMPOSITE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.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
Cyclopentene, 1-m...	7.70	110.9	ug/l	1486850	1	7.95	670420	50.0
Benzene, 1-ethyl-...	12.90	293.9	ug/l	5310100	4	13.56	903290	50.0
Benzene, 1,3-diet...	13.72	37.4	ug/l	674687	4	13.56	903290	50.0
Indane	13.76	281.6	ug/l	5086900	4	13.56	903290	50.0
unknown13.88	13.88	34.2	ug/l	618296	4	13.56	903290	50.0
Benzene, 2-ethyl-...	14.10	106.0	ug/l	1915160	4	13.56	903290	50.0
1H-Indene, 2,3-di...	14.69	46.4	ug/l	837732	4	13.56	903290	50.0
Benzene, 1-etheny...	14.81	86.5	ug/l	1562940	4	13.56	903290	50.0
Naphthalene, 1-me...	16.63	62.6	ug/l	1130720	4	13.56	903290	50.0