

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000123.D
 Acq On : 20 Sep 2019 21:07
 Operator : SY/MD
 Sample : K4938-08
 Misc : 5.07g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-TRENCH-2-SOIL

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_Y\METHODS\82Y091719S.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	1.697	13	18	33	rBV	720239	1098868	100.00%	18.191%
2	4.715	503	513	525	rBV2	15477	47873	4.36%	0.793%
3	6.995	876	887	899	rBV2	15092	49624	4.52%	0.822%
4	7.354	936	946	959	rBV2	82126	217445	19.79%	3.600%
5	7.720	995	1006	1012	rBV	70474	167534	15.25%	2.773%
6	7.793	1012	1018	1030	rVB2	115237	261193	23.77%	4.324%
7	8.147	1065	1076	1086	rVB	80745	175684	15.99%	2.908%
8	8.690	1157	1165	1174	rBV	207202	405664	36.92%	6.716%
9	10.177	1401	1409	1417	rBV	330846	567326	51.63%	9.392%
10	10.945	1530	1535	1542	rVB	12896	20243	1.84%	0.335%
11	11.488	1612	1624	1635	rBV	293887	480553	43.73%	7.955%
12	11.701	1650	1659	1664	rVB3	7340	12839	1.17%	0.213%
13	12.024	1705	1712	1718	rBV4	6934	11758	1.07%	0.195%
14	12.475	1780	1786	1795	rVB	205251	331738	30.19%	5.492%
15	12.762	1830	1833	1836	rVV3	8661	13447	1.22%	0.223%
16	12.805	1836	1840	1849	rVB	30227	49503	4.50%	0.819%
17	12.969	1861	1867	1872	rBV	22408	35838	3.26%	0.593%
18	13.116	1886	1891	1897	rVB2	17142	26963	2.45%	0.446%
19	13.420	1934	1941	1945	rBV	265516	450911	41.03%	7.465%
20	13.591	1964	1969	1970	rBV	17189	23045	2.10%	0.381%
21	13.622	1970	1974	1977	rVV	55835	90264	8.21%	1.494%
22	13.658	1977	1980	1990	rVB2	82339	125483	11.42%	2.077%
23	13.750	1990	1995	2000	rBV5	7064	12547	1.14%	0.208%
24	13.823	2000	2007	2012	rVB	24016	38541	3.51%	0.638%
25	13.884	2012	2017	2019	rBV	23182	37353	3.40%	0.618%
26	13.908	2019	2021	2025	rVV2	19599	26227	2.39%	0.434%
27	13.969	2025	2031	2037	rVB2	93742	133054	12.11%	2.203%
28	14.030	2037	2041	2043	rBV2	9671	12469	1.13%	0.206%
29	14.079	2043	2049	2054	rVB2	52037	78576	7.15%	1.301%
30	14.207	2065	2070	2076	rBV	36160	51646	4.70%	0.855%
31	14.292	2076	2084	2087	rVV	82426	129014	11.74%	2.136%
32	14.329	2087	2090	2095	rVV	140061	207577	18.89%	3.436%
33	14.378	2095	2098	2101	rVV	29325	40061	3.65%	0.663%
34	14.420	2101	2105	2111	rVV3	21810	35606	3.24%	0.589%

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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

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

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 Title : SW846 8260

35	14.512	2115	2120	2124	rVV4	9774	16165	1.47%	0.268%
36	14.560	2124	2128	2133	rVV2	38456	60253	5.48%	0.997%
37	14.609	2133	2136	2140	rVB2	20672	29462	2.68%	0.488%
38	14.676	2140	2147	2153	rBV3	111619	239348	21.78%	3.962%
39	14.737	2153	2157	2162	rVB	15013	23401	2.13%	0.387%
40	14.938	2180	2190	2193	rBV5	36995	82372	7.50%	1.364%
41	15.054	2202	2209	2215	rVB4	31837	73727	6.71%	1.221%
42	15.231	2234	2238	2244	rVB	10160	18602	1.69%	0.308%
43	15.341	2252	2256	2260	rVV6	7244	13009	1.18%	0.215%
44	15.524	2280	2286	2290	rBV2	9989	17843	1.62%	0.295%

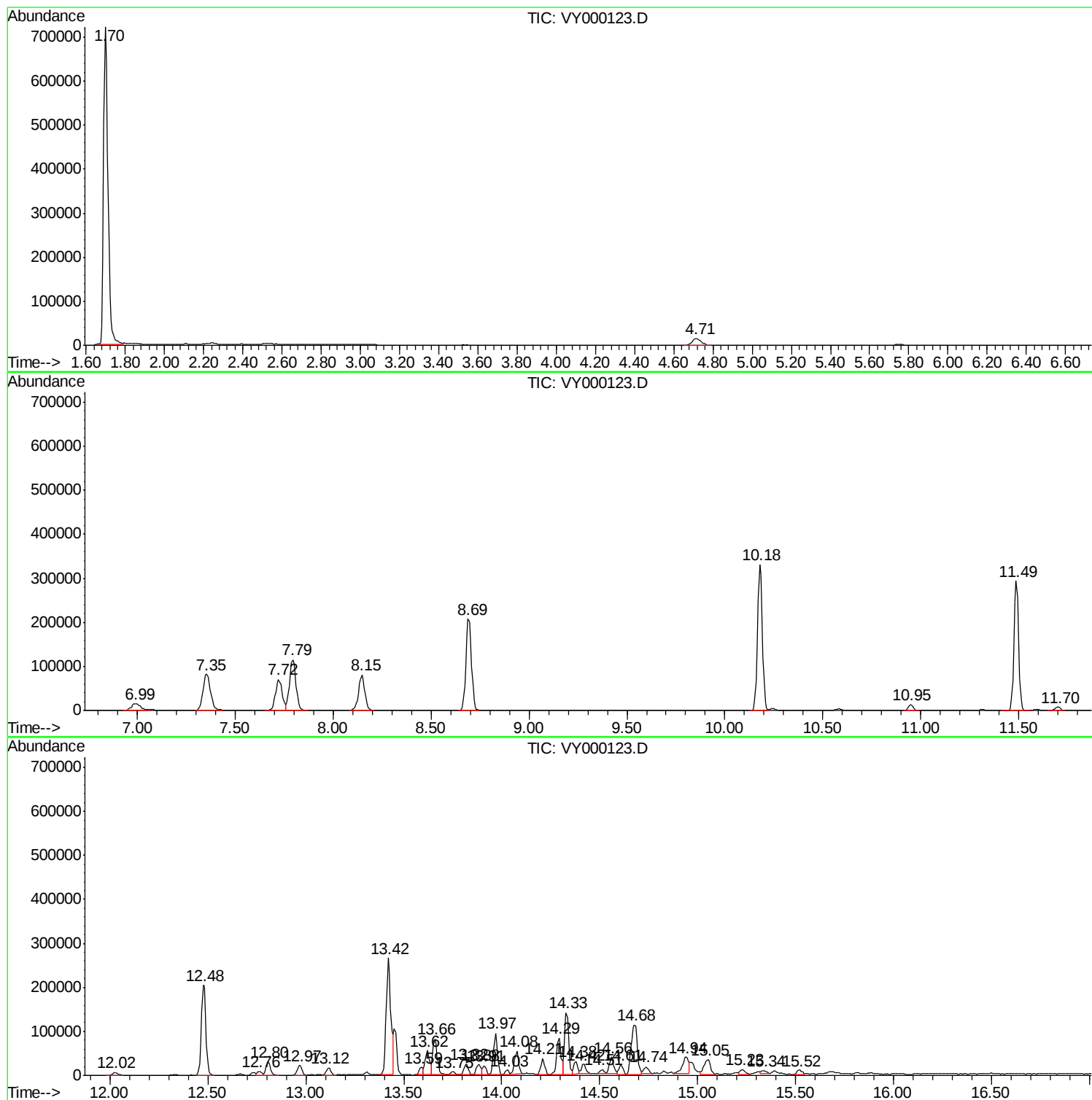
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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



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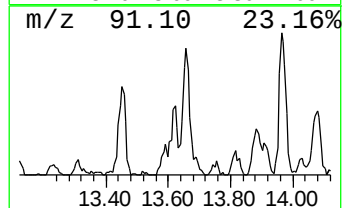
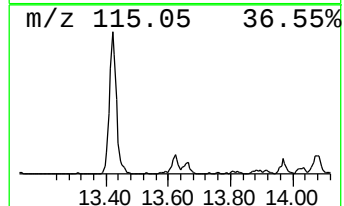
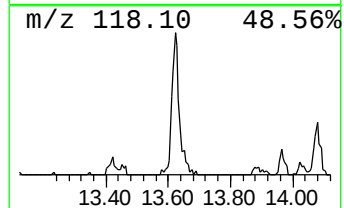
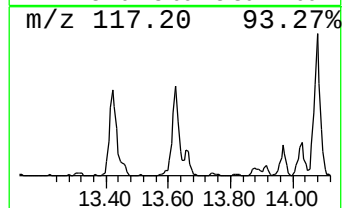
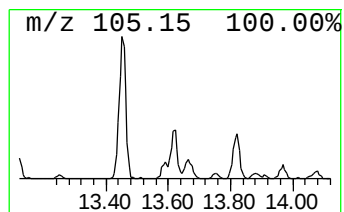
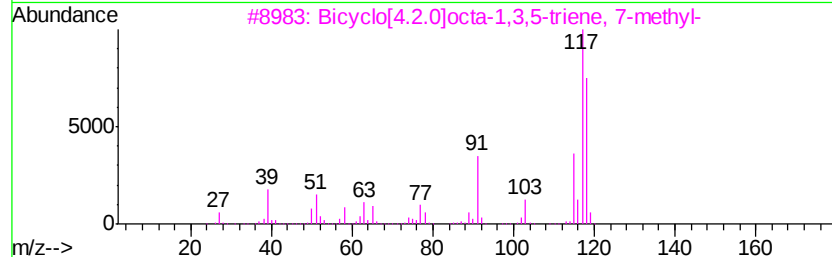
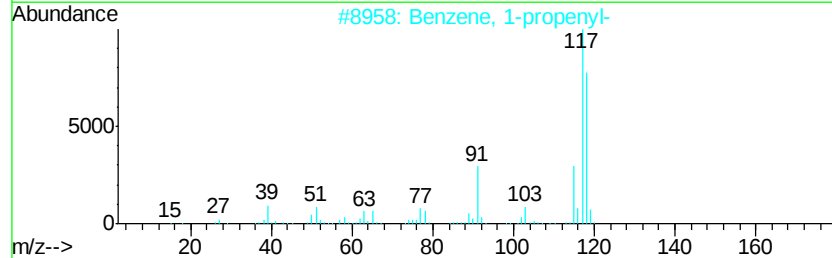
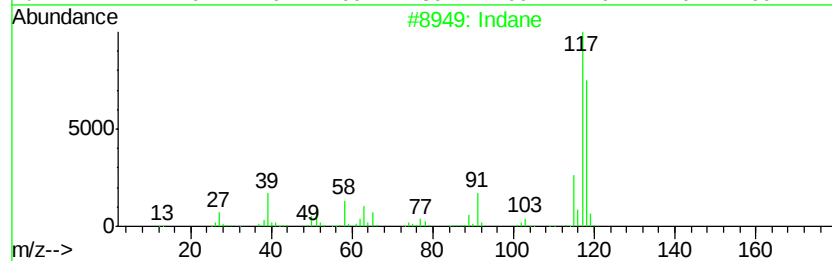
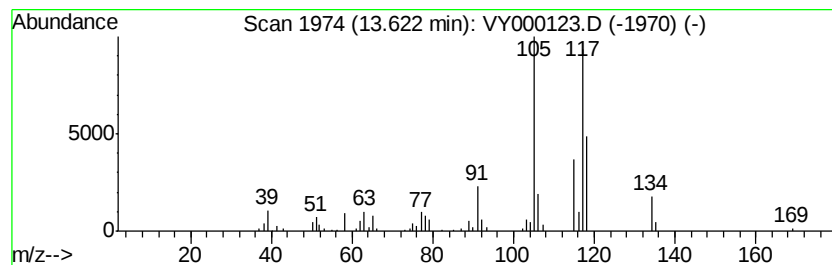
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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.
13.62	10.01 ug/l	90264	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	60
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	55



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Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

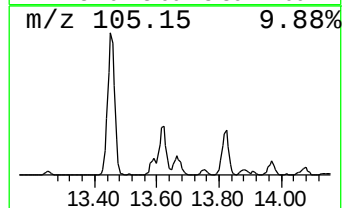
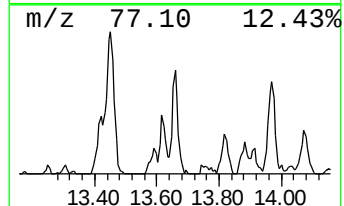
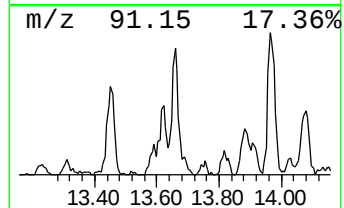
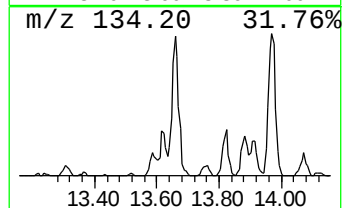
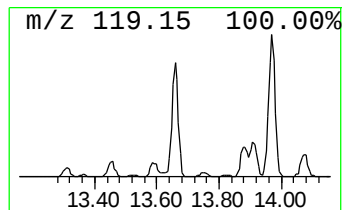
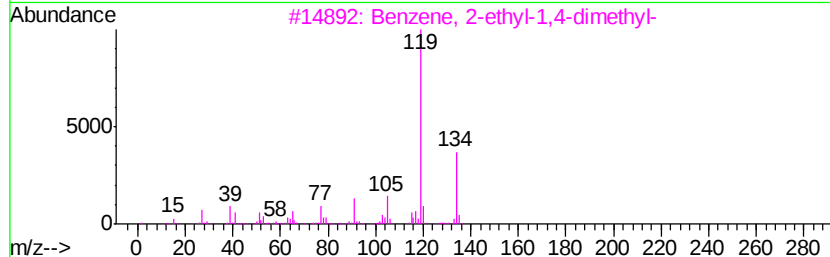
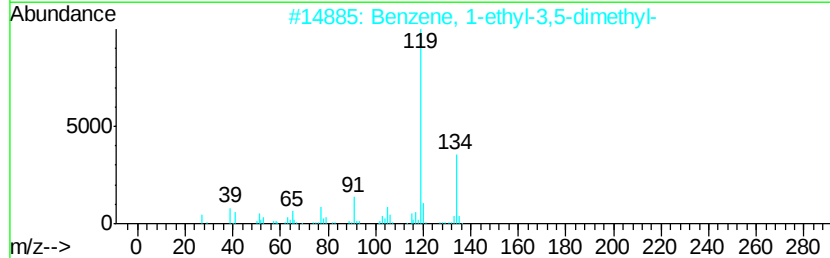
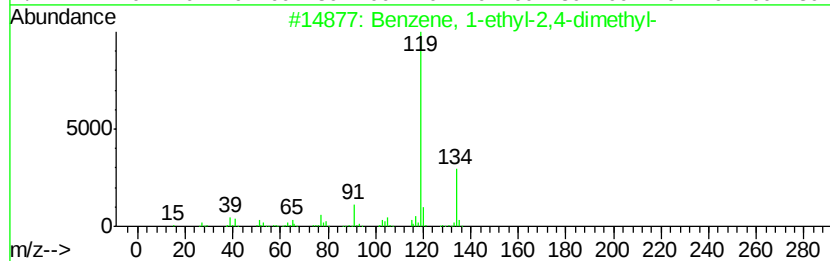
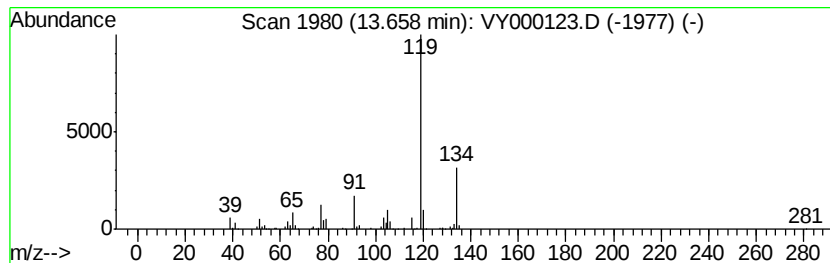
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	13.91 ug/l	125483	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



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Instrument :
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ClientSampleId :
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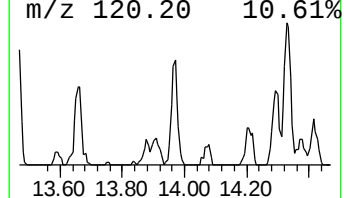
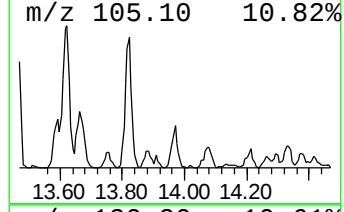
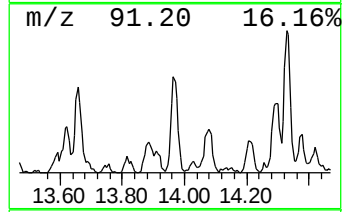
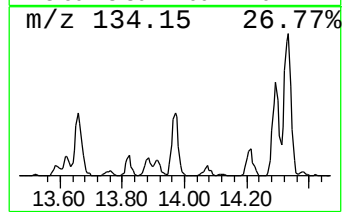
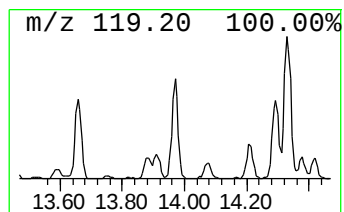
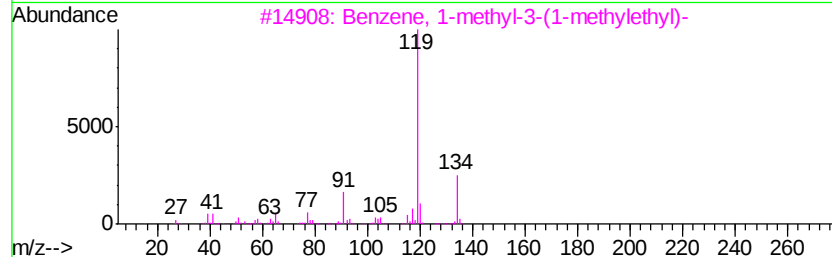
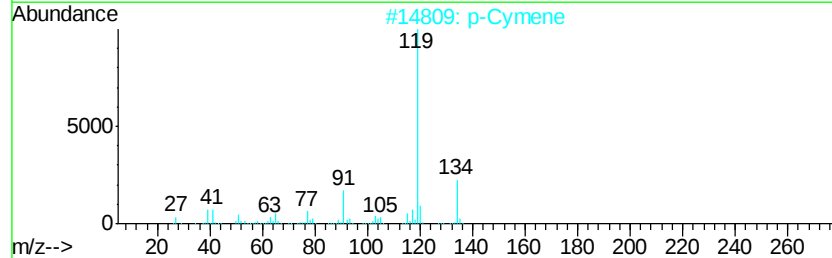
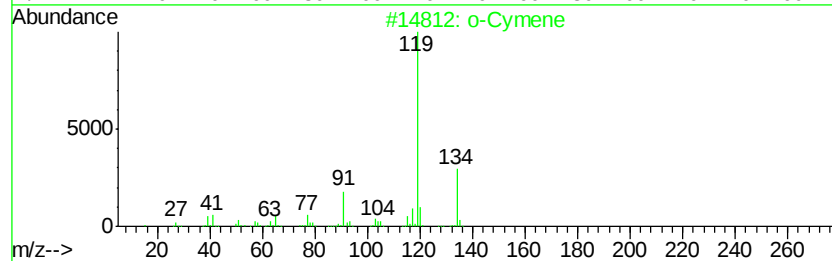
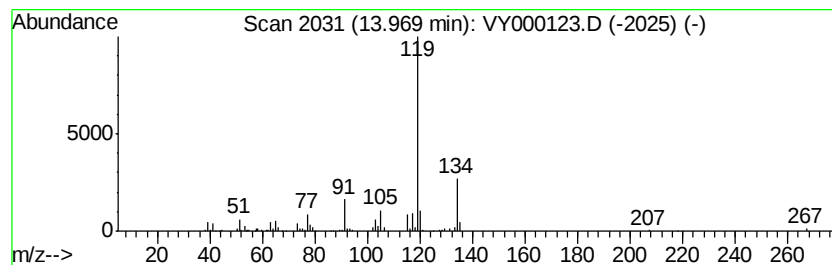
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	14.75 ug/l	133054	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		p-Cymene	134	C10H14	000099-87-6	94
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
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	91



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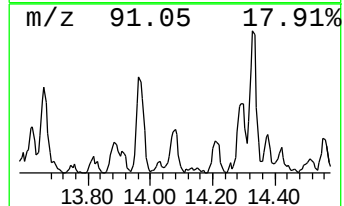
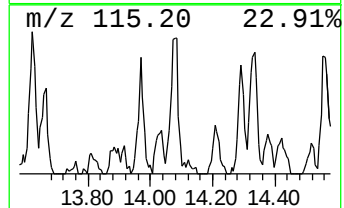
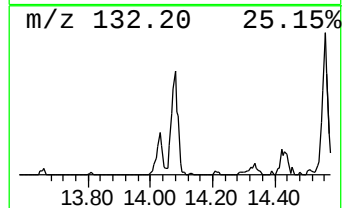
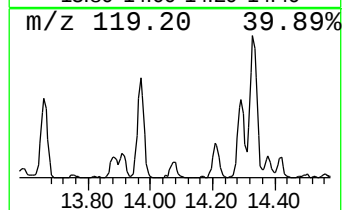
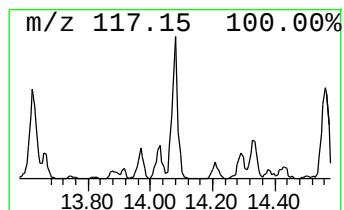
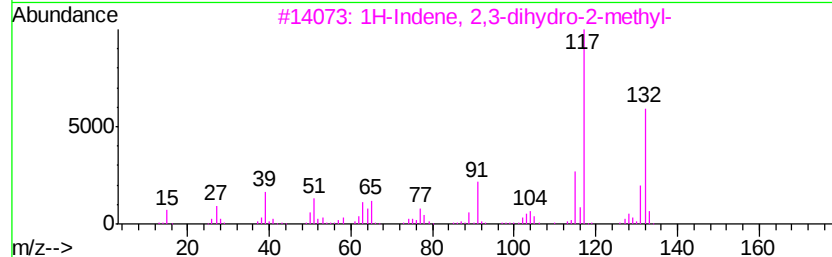
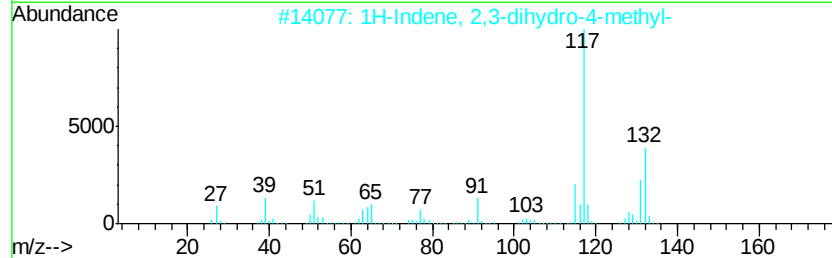
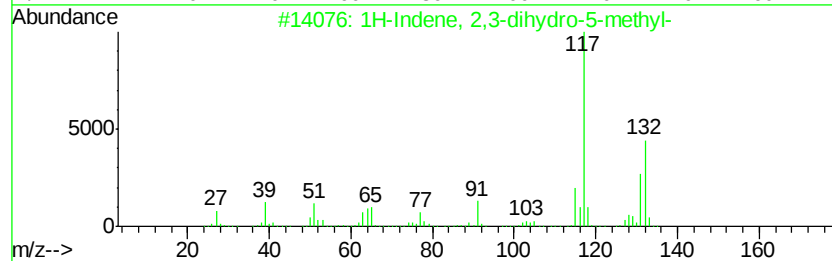
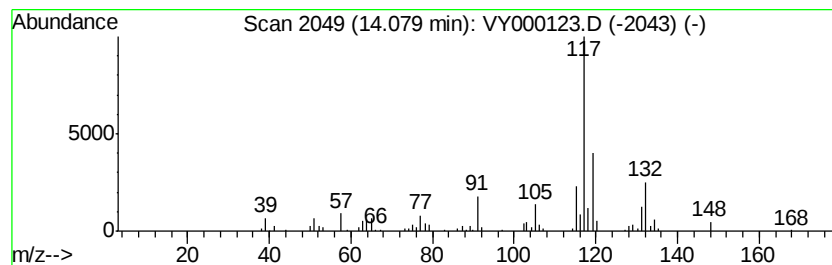
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	8.71 ug/l	78576	1,4-Dichlorobenzene-d4	13.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4			Indan, 1-methyl-	132	C10H12	000767-58-8	70
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	70



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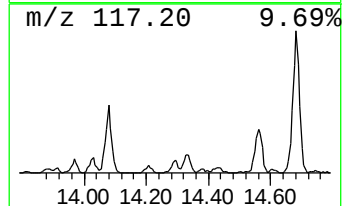
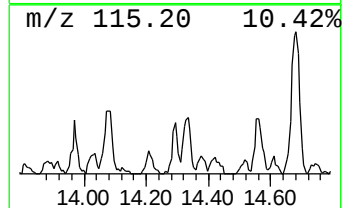
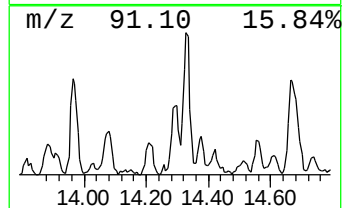
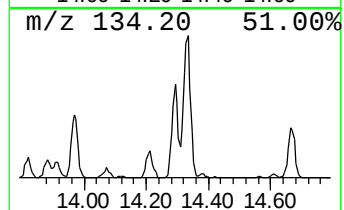
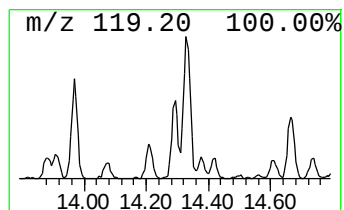
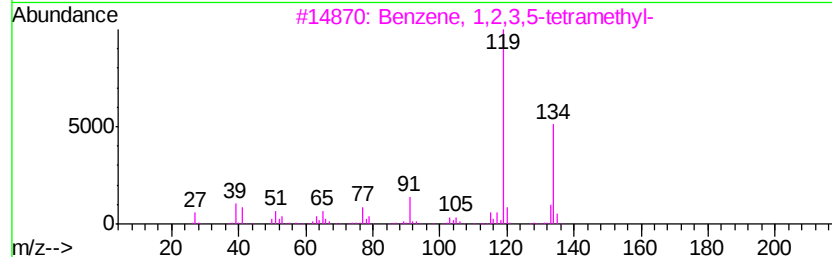
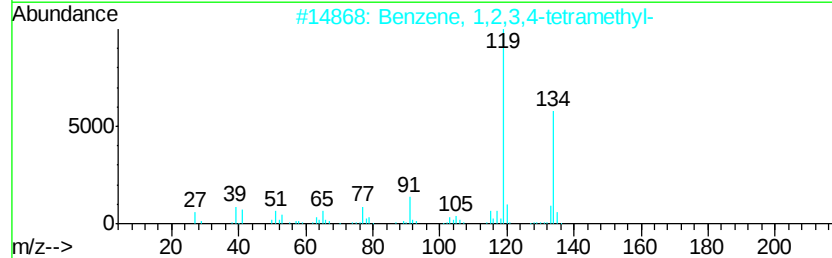
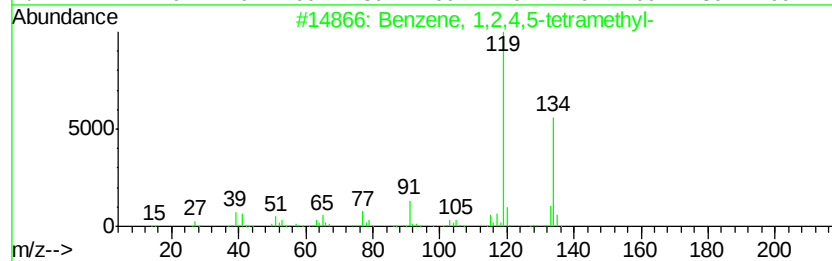
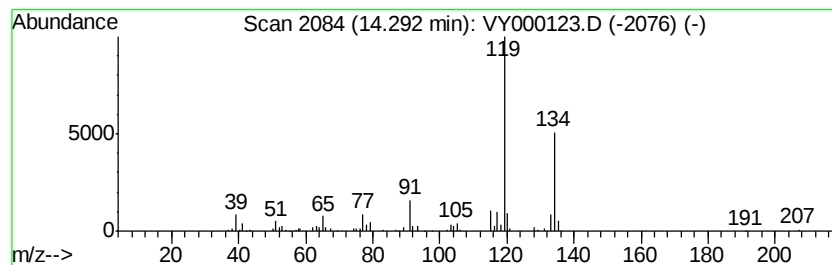
Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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.	
14.29	14.31 ug/l	129014	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000123.D
Acq On : 20 Sep 2019 21:07
Operator : SY/MD
Sample : K4938-08
Misc : 5.07g/5.00ml/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

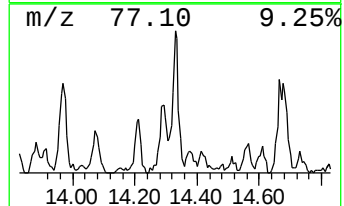
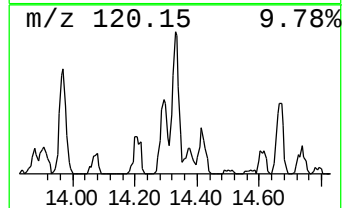
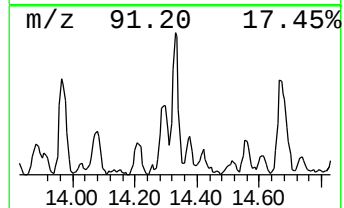
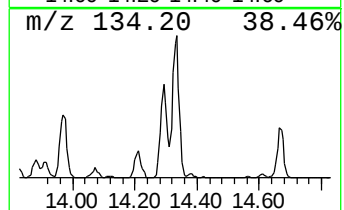
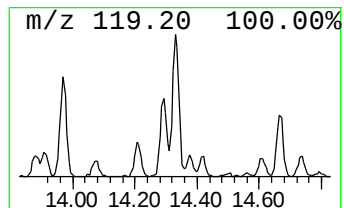
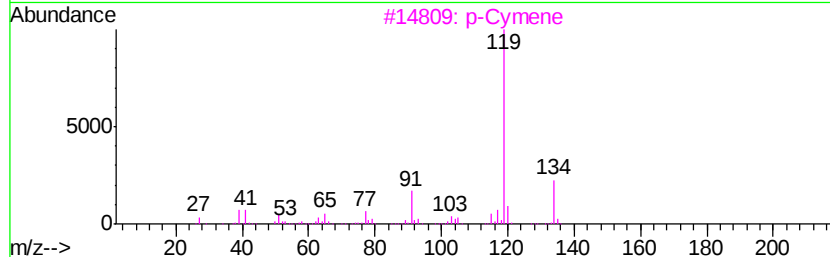
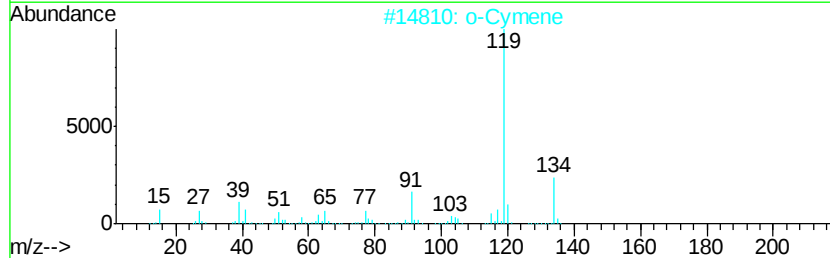
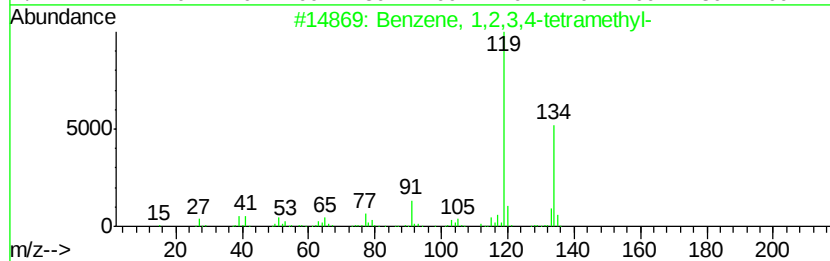
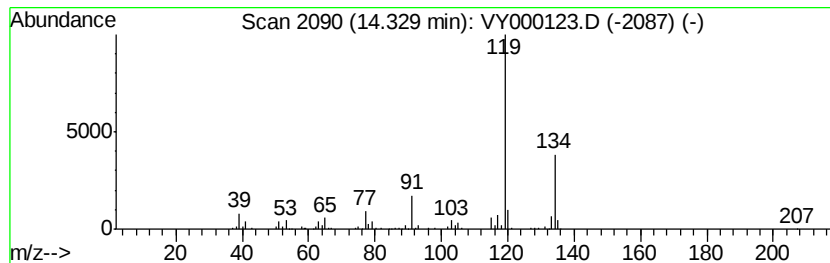
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	23.02 ug/l	207577	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		p-Cymene	134	C10H14	000099-87-6	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000123.D
Acq On : 20 Sep 2019 21:07
Operator : SY/MD
Sample : K4938-08
Misc : 5.07g/5.00ml/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

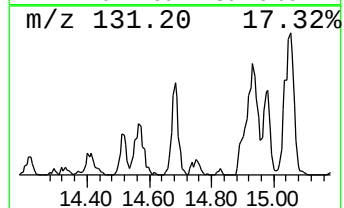
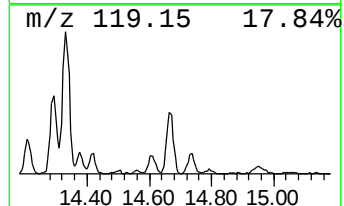
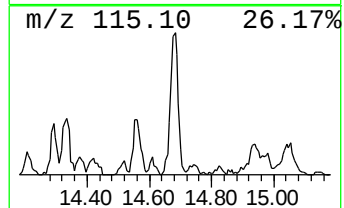
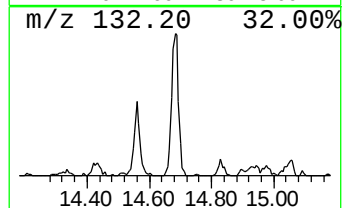
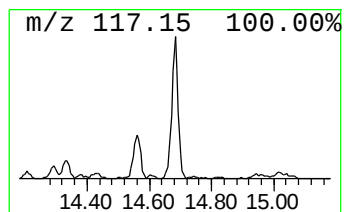
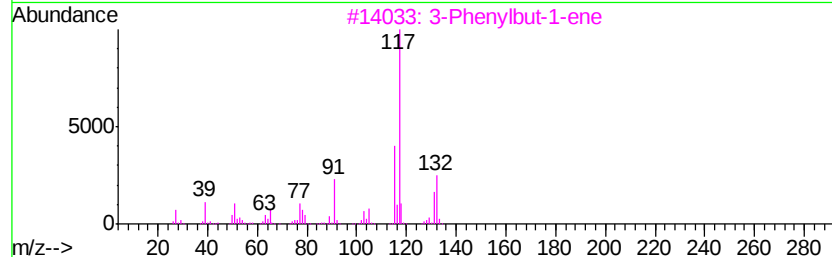
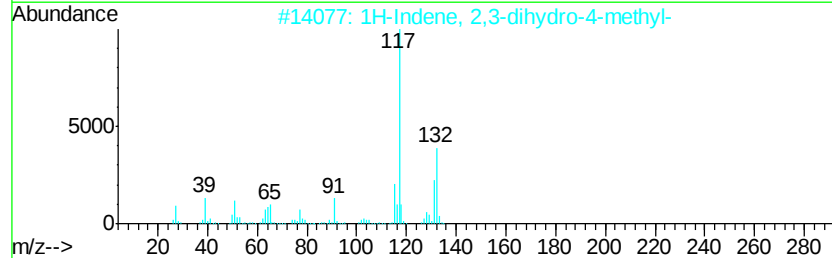
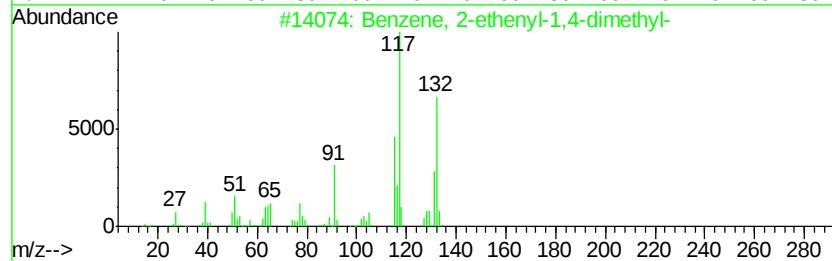
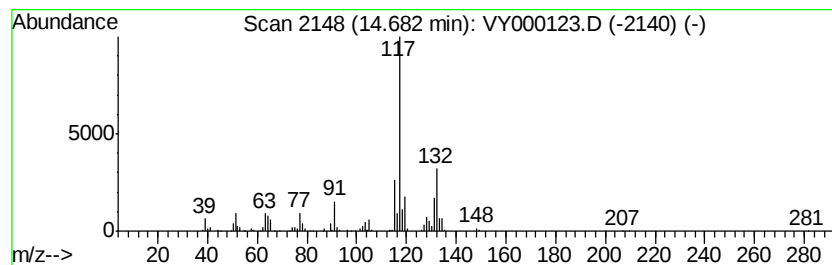
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	26.54 ug/l	239348	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000123.D
Acq On : 20 Sep 2019 21:07
Operator : SY/MD
Sample : K4938-08
Misc : 5.07g/5.00ml/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

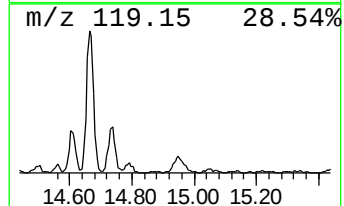
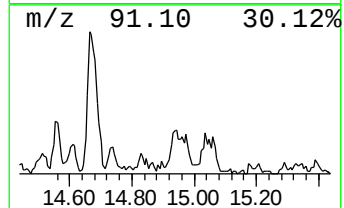
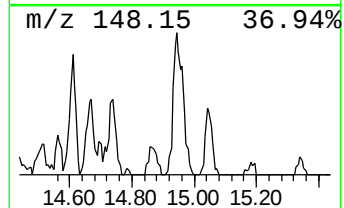
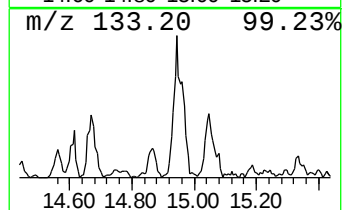
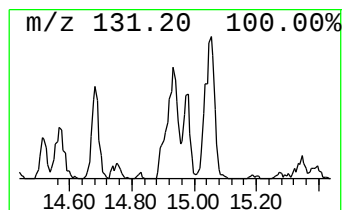
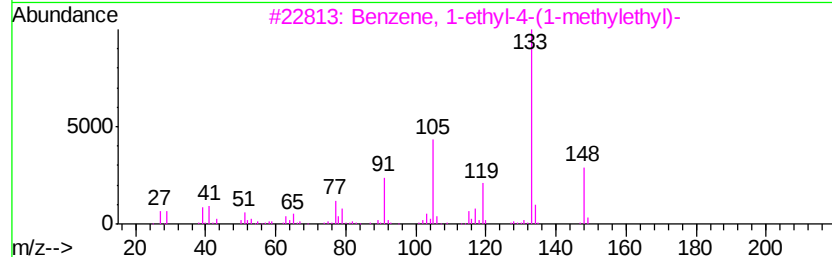
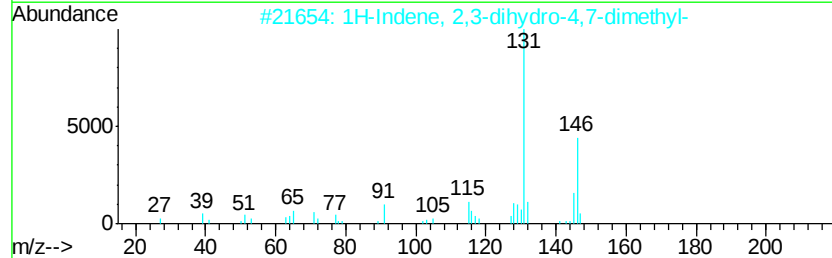
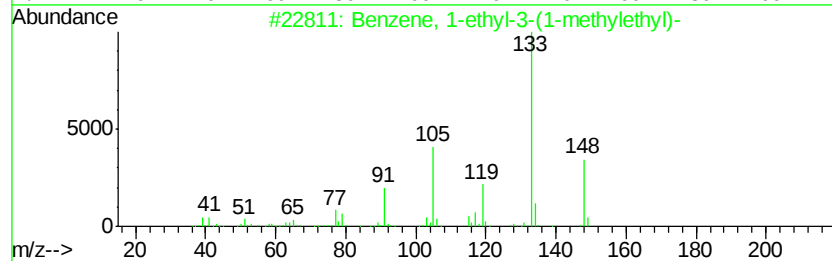
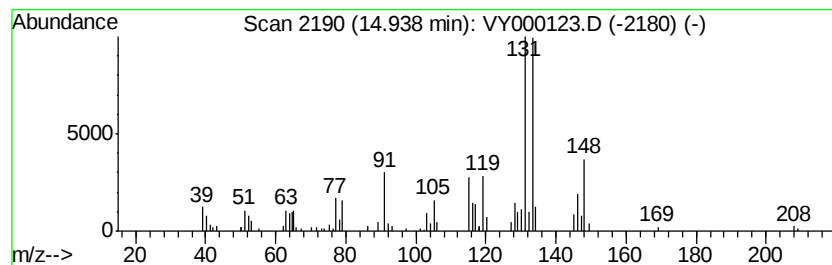
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	9.13 ug/l	82372	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000123.D
Acq On : 20 Sep 2019 21:07
Operator : SY/MD
Sample : K4938-08
Misc : 5.07g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.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
Indane	13.62	10.0	ug/l	90264	4	13.42	450911	50.0
Benzene, 1-ethyl-...	13.66	13.9	ug/l	125483	4	13.42	450911	50.0
o-Cymene	13.97	14.8	ug/l	133054	4	13.42	450911	50.0
1H-Indene, 2,3-di...	14.08	8.7	ug/l	78576	4	13.42	450911	50.0
Benzene, 1,2,4,5-...	14.29	14.3	ug/l	129014	4	13.42	450911	50.0
Benzene, 1,2,3,4-...	14.33	23.0	ug/l	207577	4	13.42	450911	50.0
Benzene, 2-etheny...	14.68	26.5	ug/l	239348	4	13.42	450911	50.0
Benzene, 1-ethyl-...	14.94	9.1	ug/l	82372	4	13.42	450911	50.0