

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000883.D
 Acq On : 05 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6174-01
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

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\82Y112719S.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	2.902	181	191	218	rBV	4160257	9475042	14.76%	1.128%
2	3.255	240	249	272	rVB	6360903	15444786	24.06%	1.839%
3	3.944	347	362	385	rBV	526966	1790756	2.79%	0.213%
4	4.572	447	465	476	rBV4	399760	1701859	2.65%	0.203%
5	4.773	476	498	538	rVB	11141504	50499291	78.66%	6.013%
6	5.243	556	575	612	rVB	7099320	26359849	41.06%	3.139%
7	5.572	612	629	646	rBV4	950014	4070330	6.34%	0.485%
8	5.761	646	660	678	rVV	13486920	44761877	69.72%	5.330%
9	5.926	678	687	696	rVV	632429	1971555	3.07%	0.235%
10	6.041	696	706	711	rVV	1051270	3342217	5.21%	0.398%
11	6.108	712	717	729	rVV	1228869	3522105	5.49%	0.419%
12	6.249	729	740	750	rVV	643884	2134905	3.33%	0.254%
13	6.383	751	762	776	rVV2	504123	1857924	2.89%	0.221%
14	6.541	776	788	803	rVV2	1532732	5407493	8.42%	0.644%
15	6.694	804	813	821	rVV	1356333	4416958	6.88%	0.526%
16	6.797	821	830	853	rVV	7433011	24315011	37.87%	2.895%
17	7.468	931	940	946	rBV3	962223	2698664	4.20%	0.321%
18	7.535	946	951	960	rVB2	920324	2418059	3.77%	0.288%
19	7.779	982	991	1001	rBV4	12746794	39812862	62.01%	4.741%
20	7.882	1001	1008	1019	rVB2	4900644	14104265	21.97%	1.680%
21	8.011	1019	1029	1035	rBV	11512246	27791422	43.29%	3.309%
22	8.065	1035	1038	1047	rVB	2024266	4061224	6.33%	0.484%
23	8.218	1047	1063	1066	rBV3	356301	1440248	2.24%	0.172%
24	8.285	1066	1074	1080	rBV2	6131363	15146630	23.59%	1.804%
25	8.358	1080	1086	1092	rVV2	5559970	14691360	22.88%	1.749%
26	8.425	1092	1097	1108	rVB	7548102	18709245	29.14%	2.228%
27	8.553	1108	1118	1131	rVB	15177775	35415250	55.16%	4.217%
28	8.687	1131	1140	1146	rBV2	5335495	13038683	20.31%	1.553%
29	8.748	1146	1150	1155	rVB3	1493515	2789281	4.34%	0.332%
30	8.858	1162	1168	1174	rVB	1785917	3335421	5.20%	0.397%
31	8.931	1174	1180	1207	rVB6	1310568	6230340	9.70%	0.742%
32	9.193	1207	1223	1229	rBV	24339295	64200728	100.00%	7.645%
33	9.248	1229	1232	1240	rVB3	1990003	3533410	5.50%	0.421%
34	9.370	1240	1252	1259	rBV	4180775	8628866	13.44%	1.028%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000883.D
 Acq On : 05 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6174-01
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

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\82Y112719S.M

Title : SW846 8260

35	9.468	1259	1268	1275	rBV2	2937065	7223868	11.25%	0.860%
36	9.608	1286	1291	1297	rBV2	3855960	7205689	11.22%	0.858%
37	9.711	1304	1308	1311	rBV2	1288355	2138715	3.33%	0.255%
38	9.760	1311	1316	1321	rVB3	2352647	3992080	6.22%	0.475%
39	9.821	1321	1326	1330	rBV	6683390	12337594	19.22%	1.469%
40	9.961	1339	1349	1360	rBV4	5318550	14422246	22.46%	1.717%
41	10.059	1360	1365	1369	rBV2	1398357	2608237	4.06%	0.311%
42	10.108	1369	1373	1378	rVB4	876868	1716045	2.67%	0.204%
43	10.175	1378	1384	1388	rBV	8304435	15857583	24.70%	1.888%
44	10.217	1388	1391	1396	rVB2	3472150	5841757	9.10%	0.696%
45	10.303	1396	1405	1408	rBV3	1713202	4060281	6.32%	0.483%
46	10.370	1408	1416	1422	rVB3	8457155	19353200	30.14%	2.305%
47	10.431	1422	1426	1430	rBV2	1363068	2272685	3.54%	0.271%
48	10.522	1436	1441	1450	rVB2	4148882	7888365	12.29%	0.939%
49	10.614	1450	1456	1463	rBV3	3521156	8084923	12.59%	0.963%
50	10.711	1467	1472	1477	rVB4	1263983	2390599	3.72%	0.285%
51	10.803	1477	1487	1491	rBV2	2079780	4634677	7.22%	0.552%
52	10.870	1491	1498	1500	rBV4	1291058	2737761	4.26%	0.326%
53	10.906	1501	1504	1509	rVB2	1283201	2324579	3.62%	0.277%
54	10.961	1509	1513	1516	rBV3	1355197	2023449	3.15%	0.241%
55	11.034	1521	1525	1530	rVB	3918170	5675153	8.84%	0.676%
56	11.089	1530	1534	1539	rVB	4222616	6612435	10.30%	0.787%
57	11.144	1539	1543	1547	rVB4	1320577	2066057	3.22%	0.246%
58	11.199	1548	1552	1556	rVB3	1803284	2921976	4.55%	0.348%
59	11.278	1556	1565	1576	rVB4	3572454	11003381	17.14%	1.310%
60	11.376	1576	1581	1592	rBV2	3364856	7268435	11.32%	0.866%
61	11.492	1595	1600	1608	rBV4	1754691	3535441	5.51%	0.421%
62	11.589	1610	1616	1621	rBV3	2820093	5307721	8.27%	0.632%
63	11.699	1625	1634	1638	rBV	4918236	12515188	19.49%	1.490%
64	11.998	1677	1683	1690	rBV3	1801853	4198420	6.54%	0.500%
65	12.199	1711	1716	1719	rVV2	1712460	2885326	4.49%	0.344%
66	12.241	1719	1723	1727	rVB4	1812837	3047077	4.75%	0.363%
67	12.327	1733	1737	1741	rVB	1272630	1737212	2.71%	0.207%
68	12.668	1784	1793	1798	rVV	4084235	8054195	12.55%	0.959%
69	12.729	1798	1803	1806	rVV	6391301	10422118	16.23%	1.241%
70	12.766	1806	1809	1812	rVV	4750816	7340640	11.43%	0.874%
71	12.808	1812	1816	1821	rVV	6217784	10139976	15.79%	1.207%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000883.D
 Acq On : 05 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6174-01
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

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\82Y112719S.M
 Title : SW846 8260

72	12.967	1834	1842	1850	rBV	2330600	4791823	7.46%	0.571%
73	13.040	1850	1854	1861	rVB	1260699	2011935	3.13%	0.240%
74	13.119	1861	1867	1872	rBV	12155976	18800964	29.28%	2.239%
75	13.247	1881	1888	1892	rVV2	1111506	2564143	3.99%	0.305%
76	13.314	1892	1899	1903	rVV2	1611928	3083938	4.80%	0.367%
77	13.363	1903	1907	1910	rVV3	984952	1585708	2.47%	0.189%
78	13.455	1918	1922	1926	rVV	2183501	3337124	5.20%	0.397%
79	13.589	1937	1944	1946	rVV	2368273	3672385	5.72%	0.437%
80	13.619	1946	1949	1952	rVV	4311339	6196321	9.65%	0.738%
81	13.662	1952	1956	1965	rVV3	5356261	11322281	17.64%	1.348%
82	13.747	1965	1970	1975	rVV3	1749470	2843770	4.43%	0.339%
83	13.820	1975	1982	1987	rVV	1568187	2611984	4.07%	0.311%
84	13.881	1987	1992	1995	rVV	2706395	4398642	6.85%	0.524%
85	13.912	1995	1997	2002	rVV	2451090	3169120	4.94%	0.377%
86	13.973	2002	2007	2011	rVV	5639163	8341278	12.99%	0.993%
87	14.076	2019	2024	2029	rVB	3733941	5954184	9.27%	0.709%
88	14.211	2041	2046	2050	rBV2	1059460	1812315	2.82%	0.216%
89	14.296	2050	2060	2063	rVV	2861294	6053679	9.43%	0.721%
90	14.333	2063	2066	2070	rVV	2690345	3632531	5.66%	0.433%
91	14.381	2070	2074	2077	rVV	1880415	2693035	4.19%	0.321%
92	14.418	2077	2080	2087	rVV3	1285598	1941034	3.02%	0.231%
93	14.522	2092	2097	2100	rVV	1113957	1717219	2.67%	0.204%
94	14.564	2100	2104	2109	rVV2	2076408	3823225	5.96%	0.455%
95	14.613	2109	2112	2116	rVB	1515396	2039050	3.18%	0.243%
96	14.674	2116	2122	2129	rBV3	3735793	8551758	13.32%	1.018%
97	14.735	2129	2132	2138	rVB2	1259565	1977227	3.08%	0.235%
98	14.942	2161	2166	2170	rBV3	1568873	2479957	3.86%	0.295%
99	15.052	2178	2184	2191	rVB2	1684444	3656735	5.70%	0.435%
100	15.235	2203	2214	2219	rVB4	576311	1762297	2.74%	0.210%

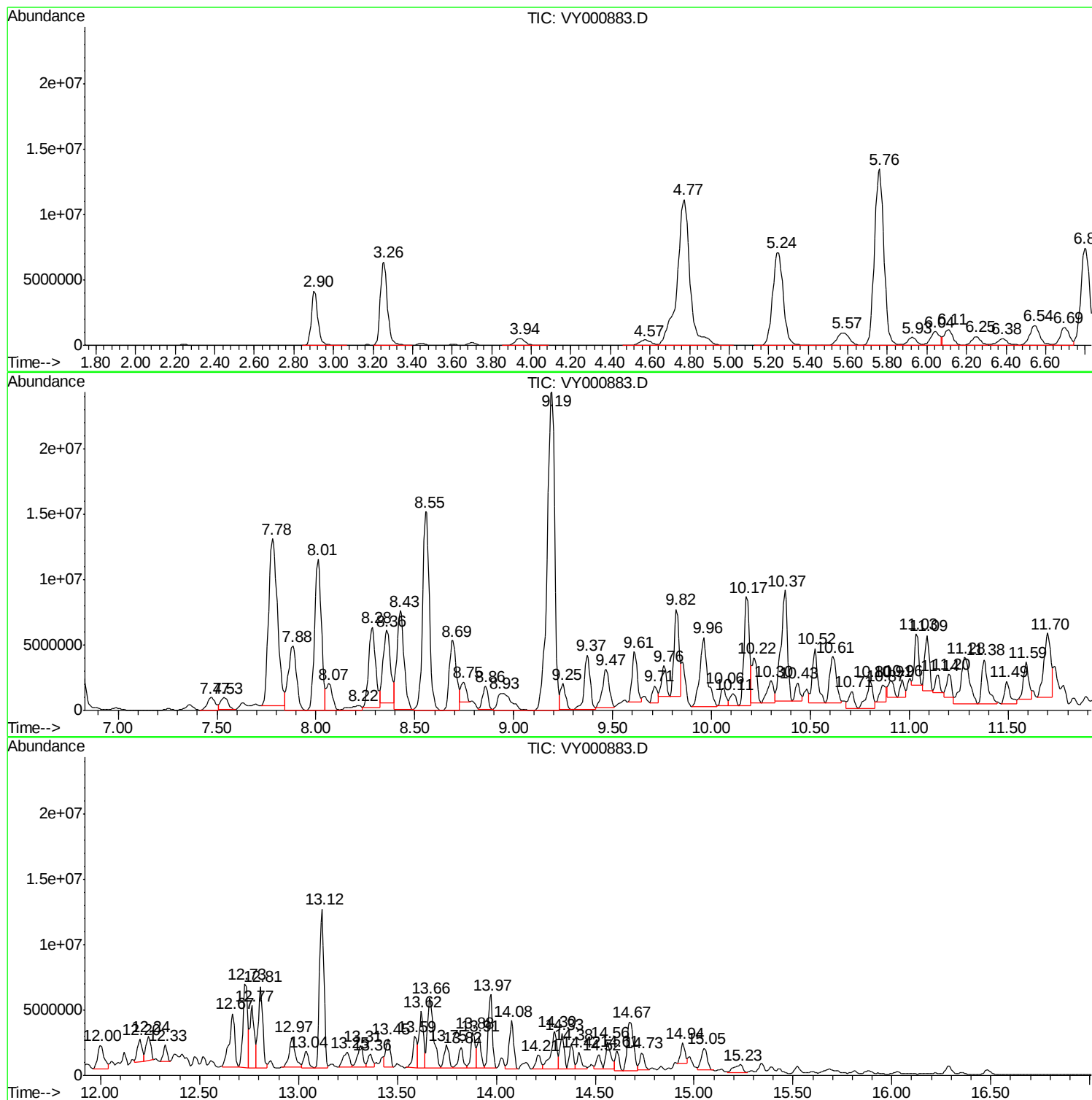
Sum of corrected areas: 839788662

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

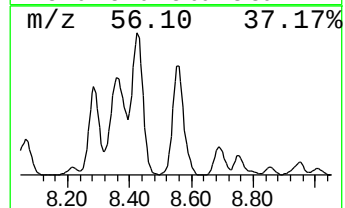
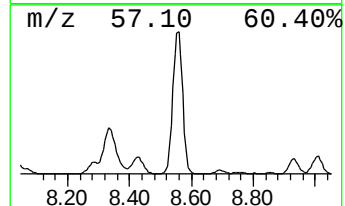
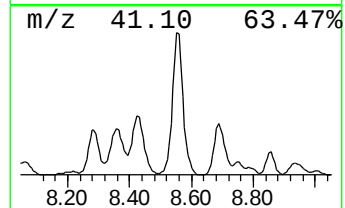
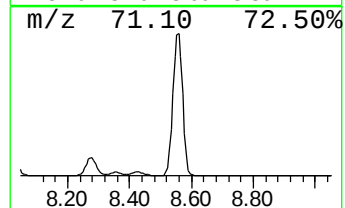
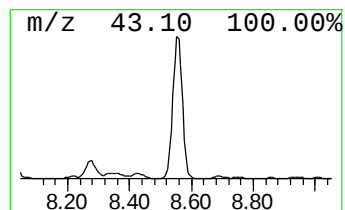
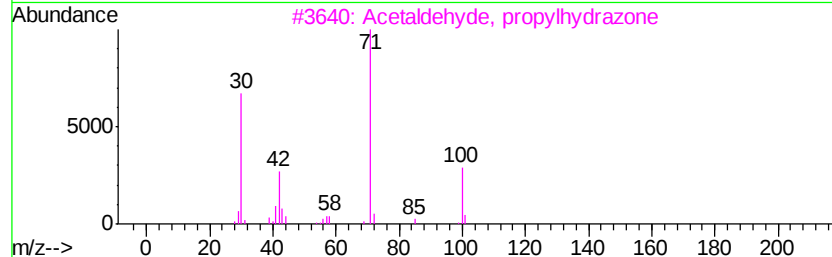
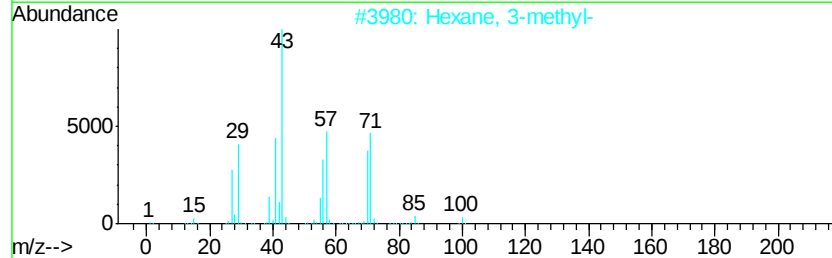
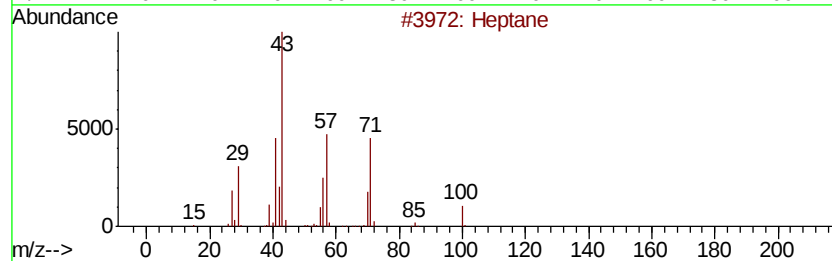
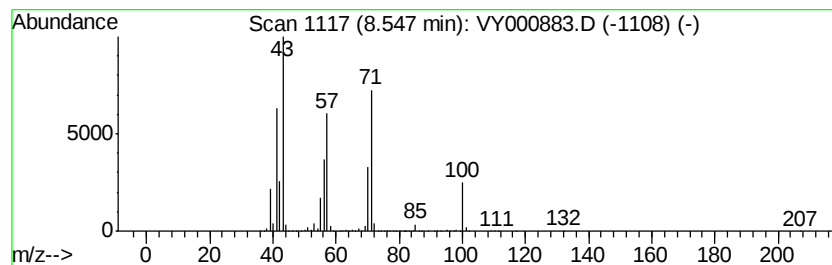
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	135.81 ug/l	35415300	1,4-Difluorobenzene	8.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-		100	C7H16	000589-34-4	64
3	Acetaldehyde, propylhydrazine		100	C5H12N2	007422-88-0	47
4	3-Hexanone		100	C6H12O	000589-38-8	43
5	Oxirane, butyl-		100	C6H12O	001436-34-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

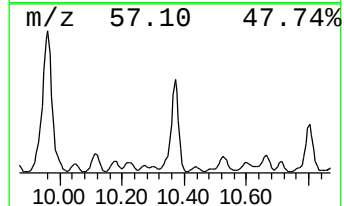
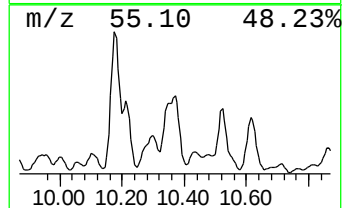
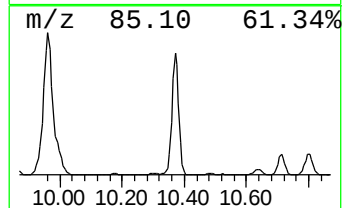
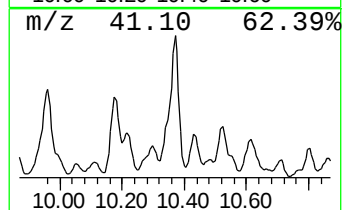
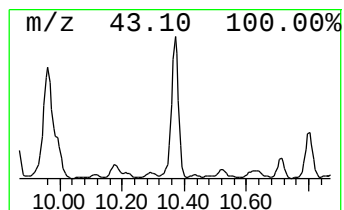
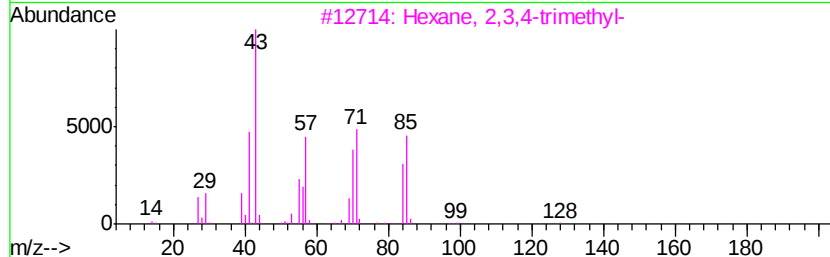
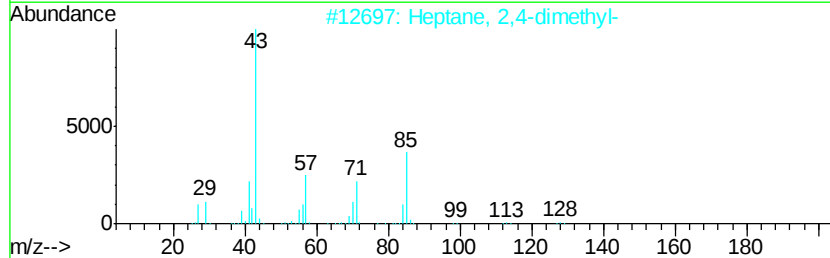
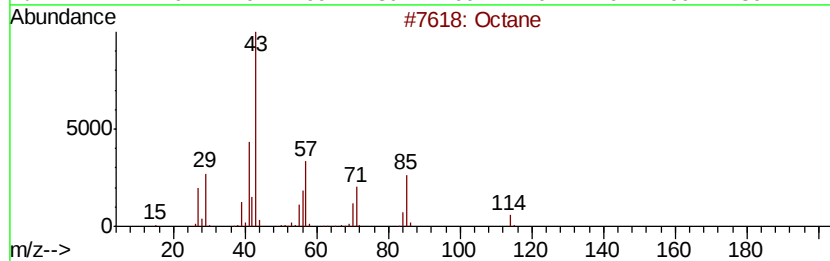
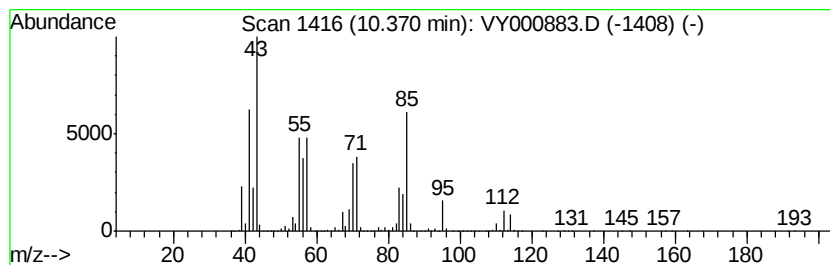
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	273.70 ug/l	19353200	Chlorobenzene-d5	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	64
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	43
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	38
4	Acetic acid, octyl ester		172	C10H20O2	000112-14-1	38
5	Octane, 2-chloro-		148	C8H17Cl	000628-61-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

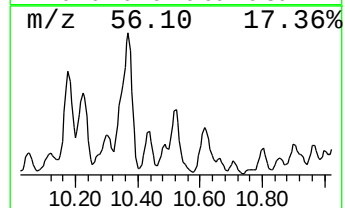
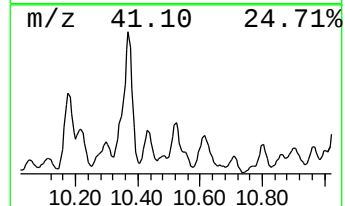
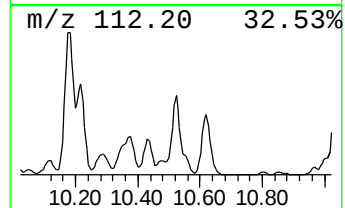
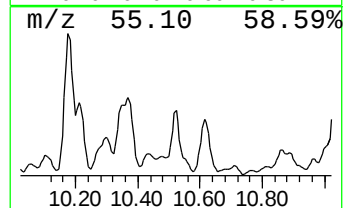
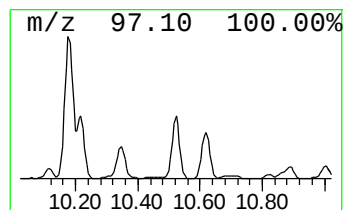
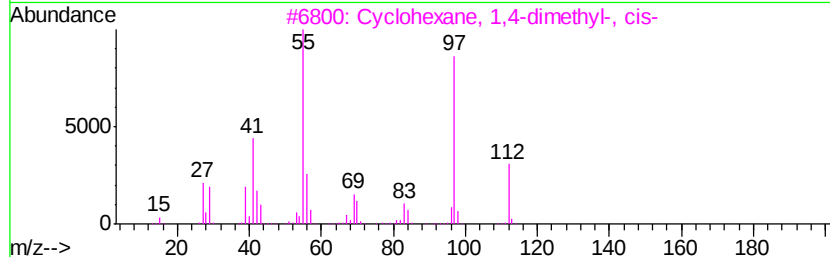
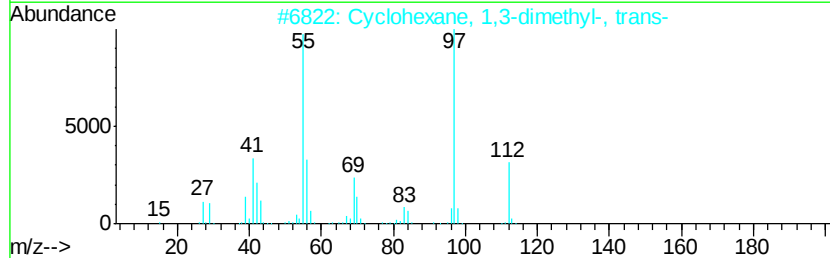
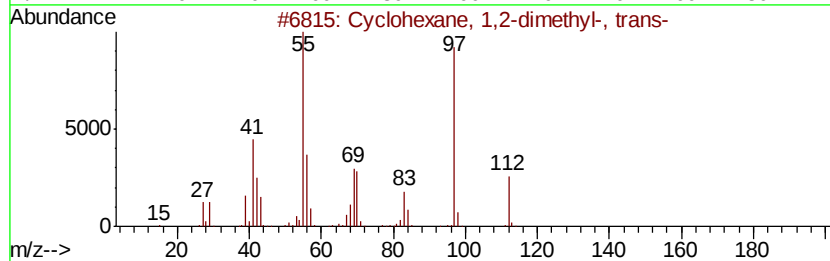
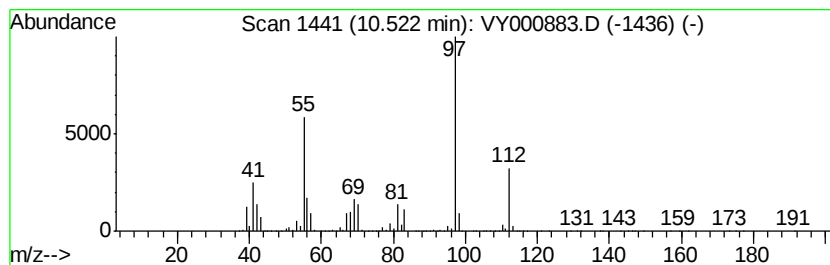
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	111.56 ug/l	7888370	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	74
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

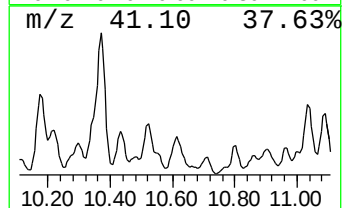
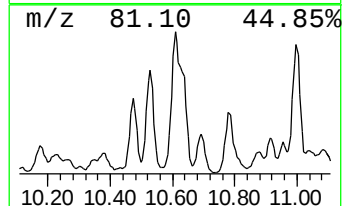
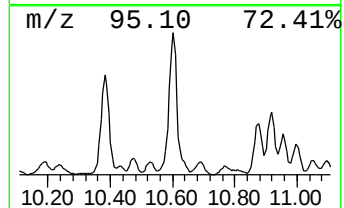
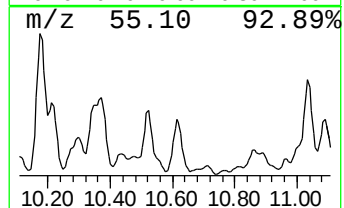
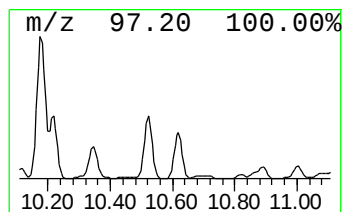
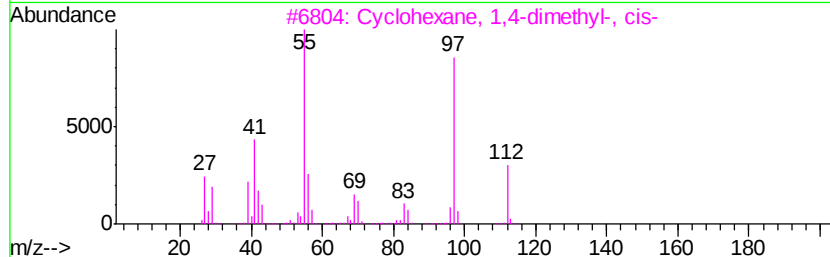
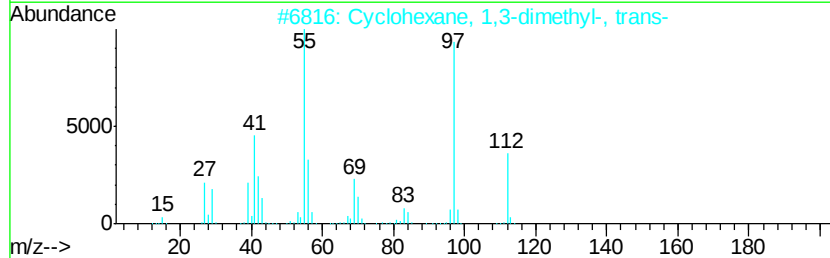
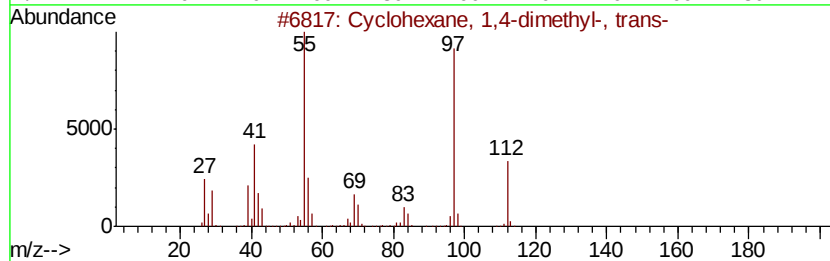
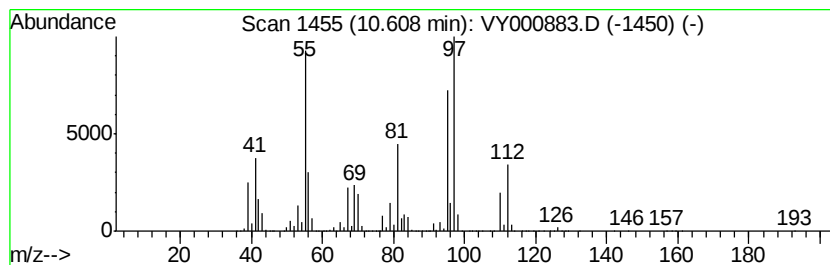
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	114.34 ug/l	8084920	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	81
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

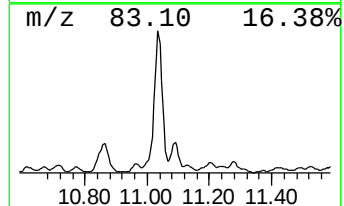
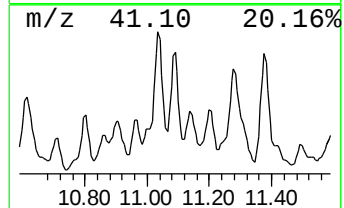
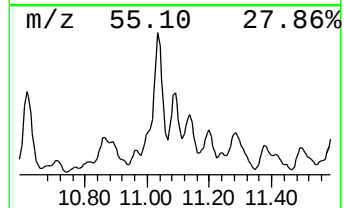
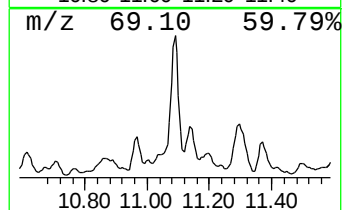
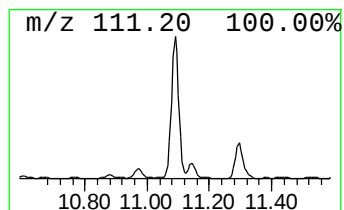
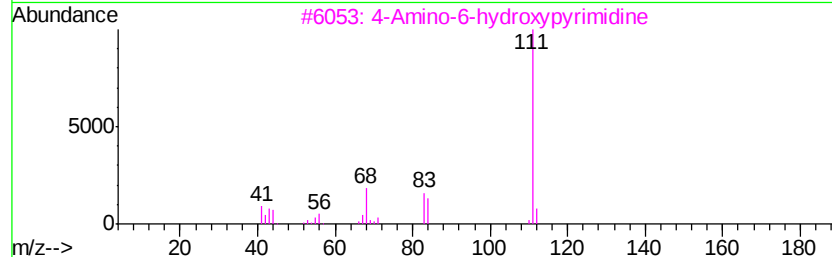
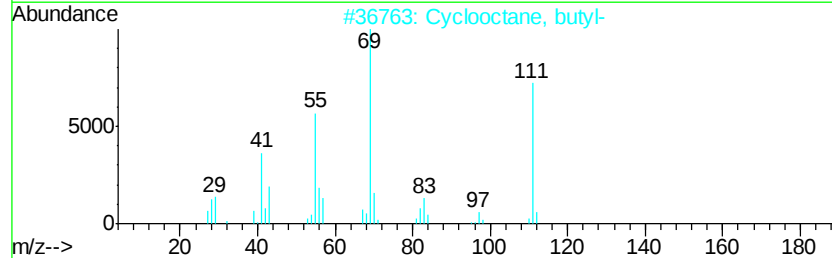
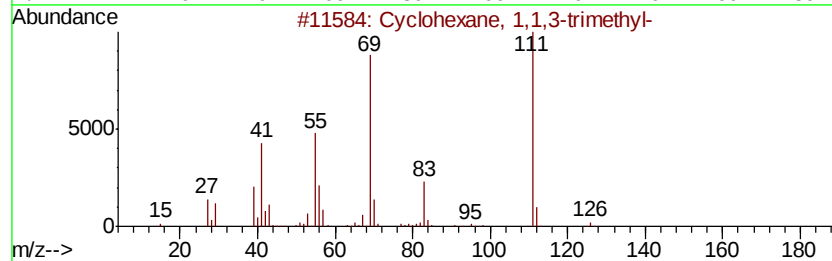
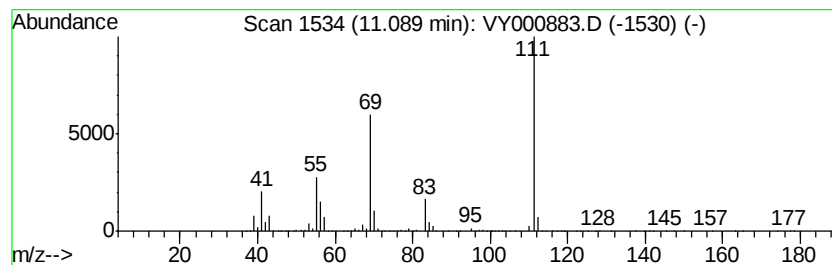
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	93.52 ug/l	6612440	Chlorobenzene-d5	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cyclooctane, butyl-	168	C12H24	016538-93-5	74
3		4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59
4		Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	43
5		Cyclohexane-1-carboxamide, N-(1-...	238	C14H26N2O	1000269-92-1	39



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

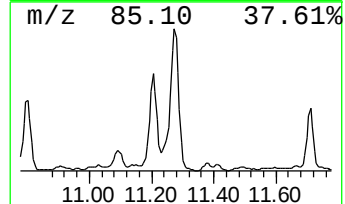
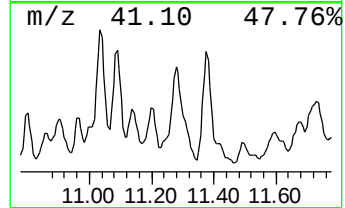
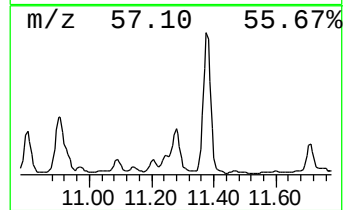
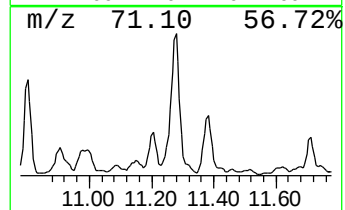
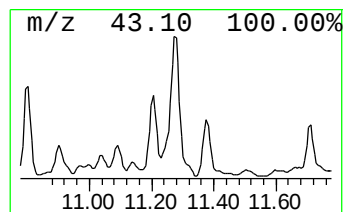
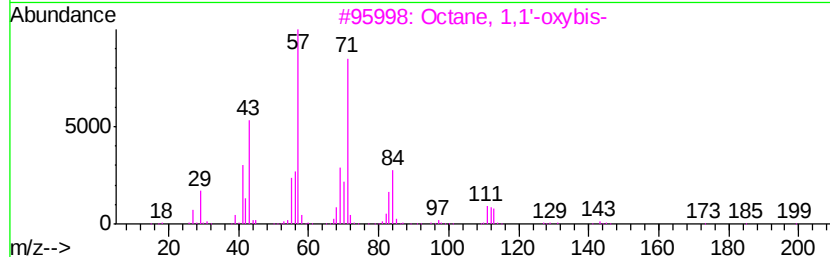
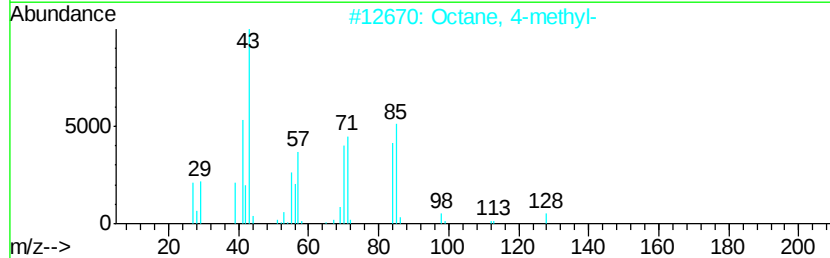
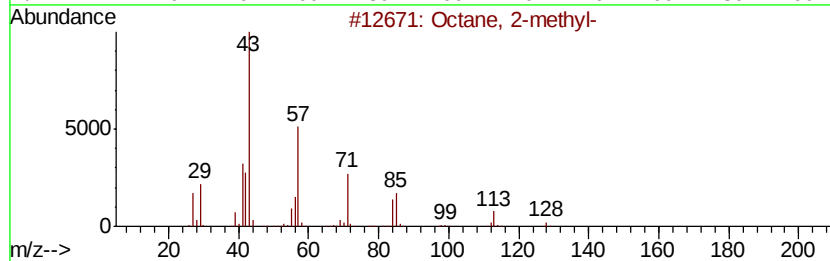
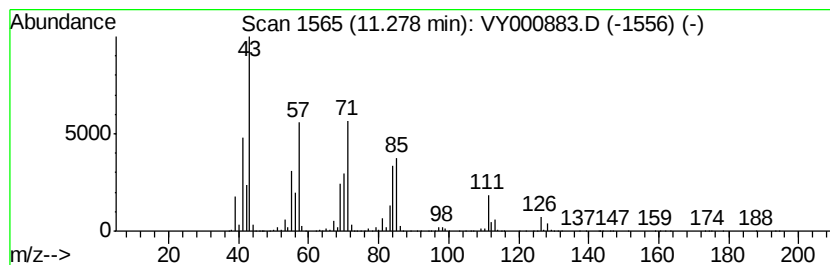
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 6 Octane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.28	155.62 ug/l	11003400	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	68
2	Octane, 4-methyl-		128	C9H20	002216-34-4	62
3	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	47
4	Dichloroacetic acid, 4-methylpen...		212	C8H14Cl2O2	1000282-43-7	47
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000883.D
 Acq On : 05 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6174-01
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

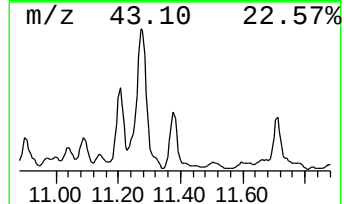
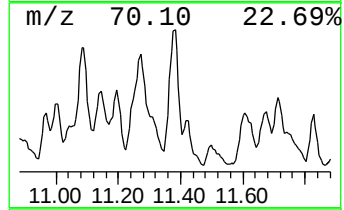
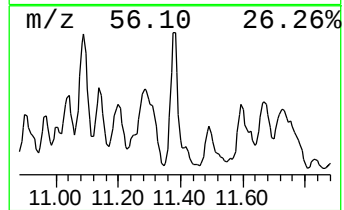
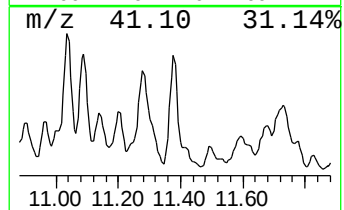
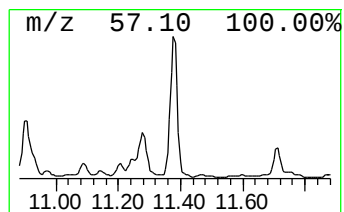
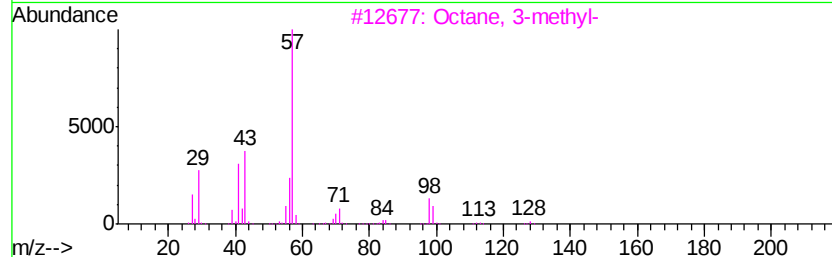
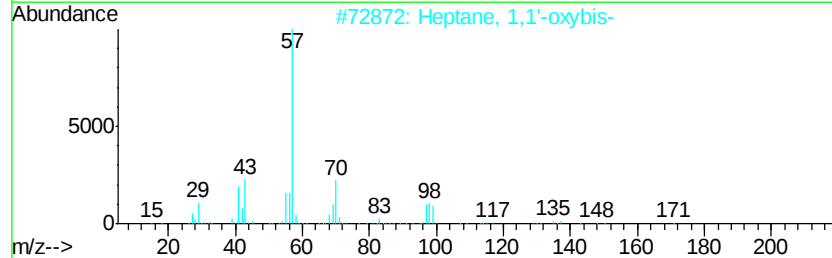
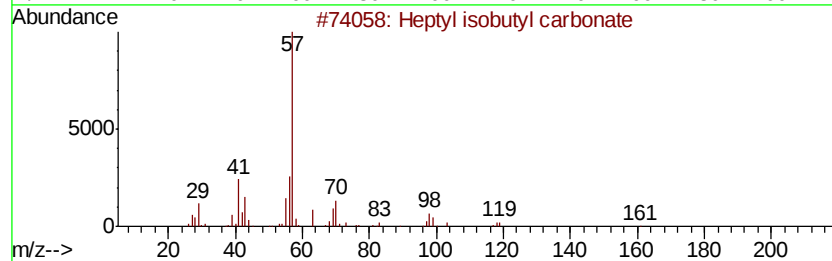
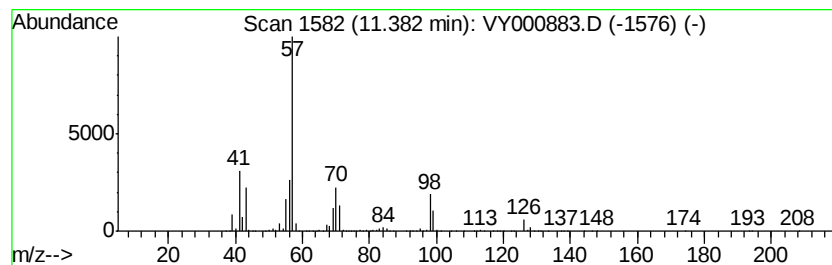
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260

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

 Peak Number 7 Heptyl isobutyl carbonate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	102.79 ug/l	7268440	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	72
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3		Octane, 3-methyl-	128	C9H20	002216-33-3	58
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

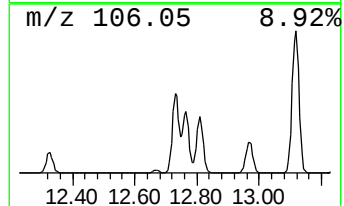
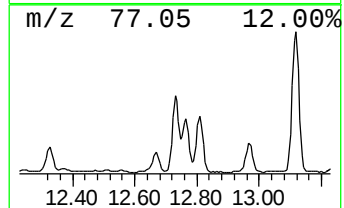
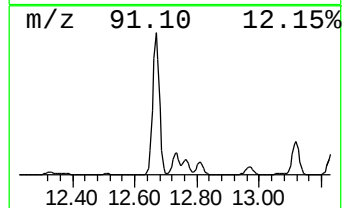
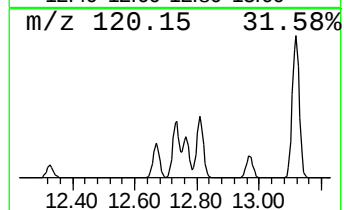
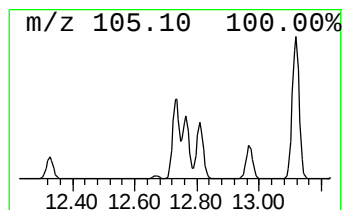
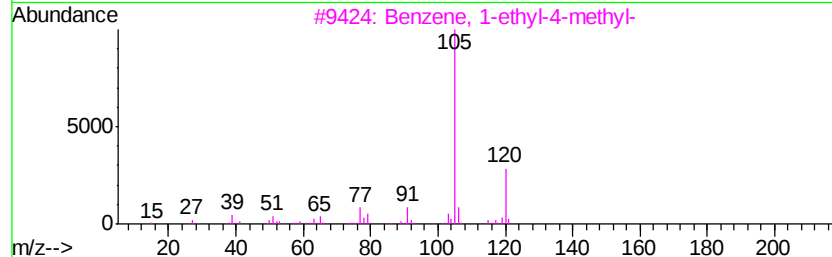
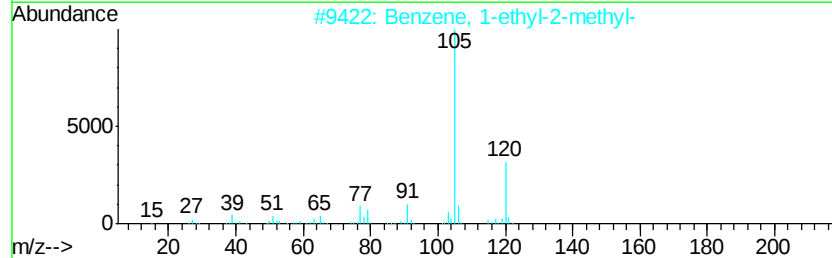
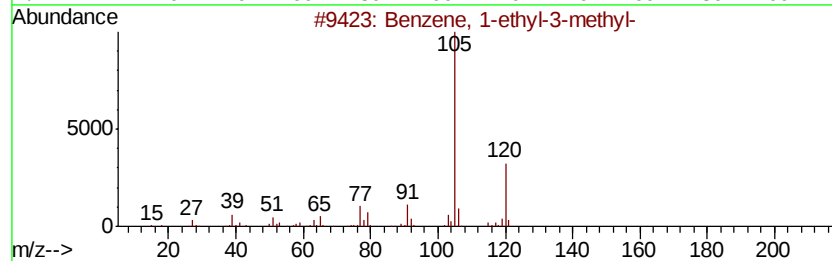
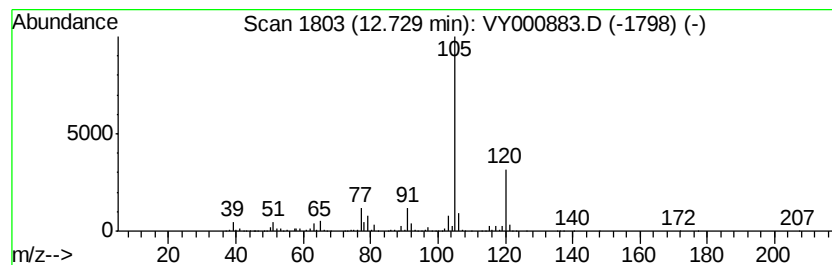
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	156.15 ug/l	10422100	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

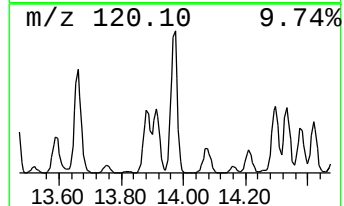
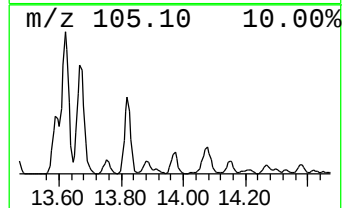
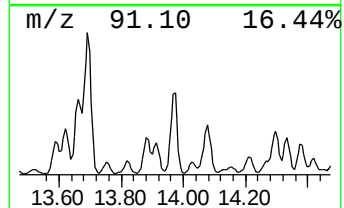
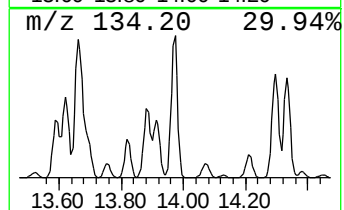
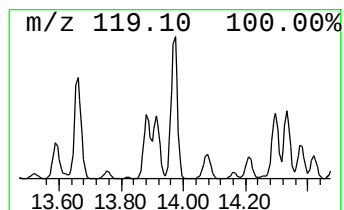
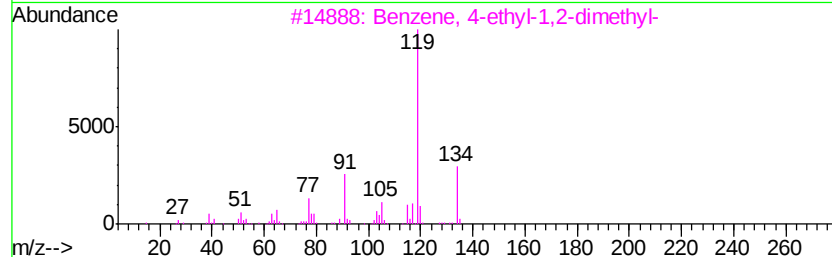
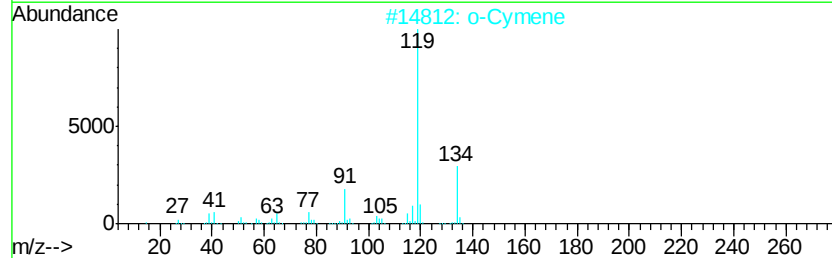
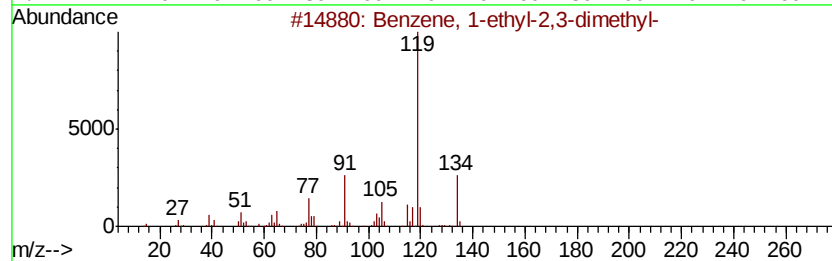
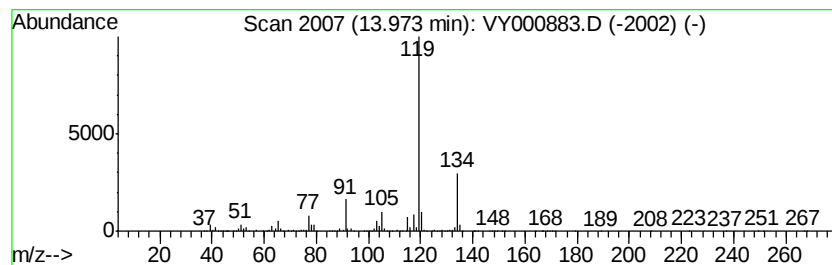
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	124.98 ug/l	8341280	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

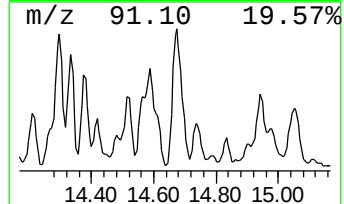
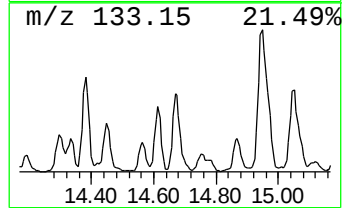
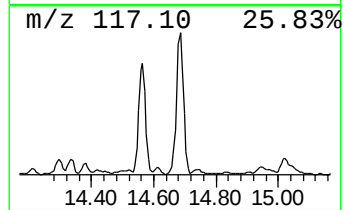
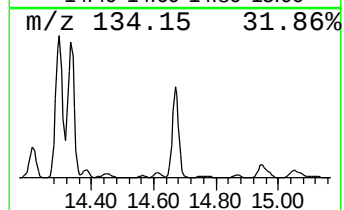
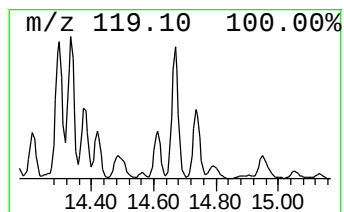
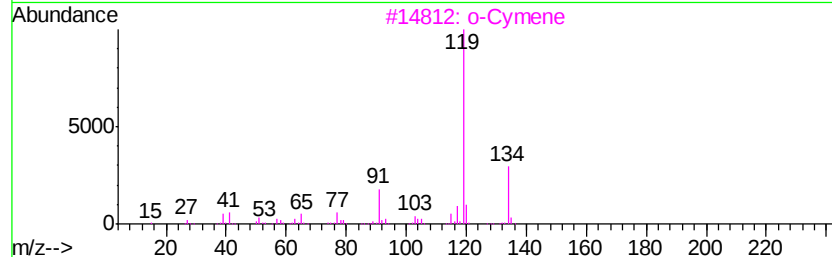
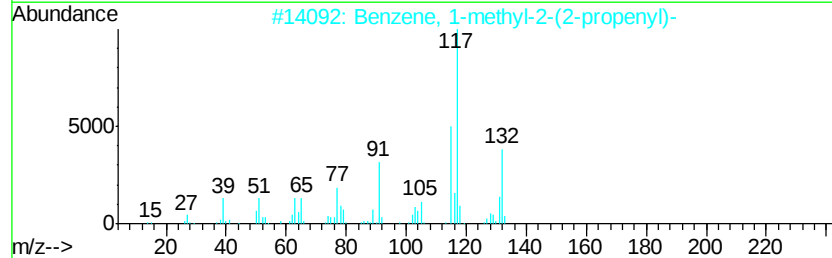
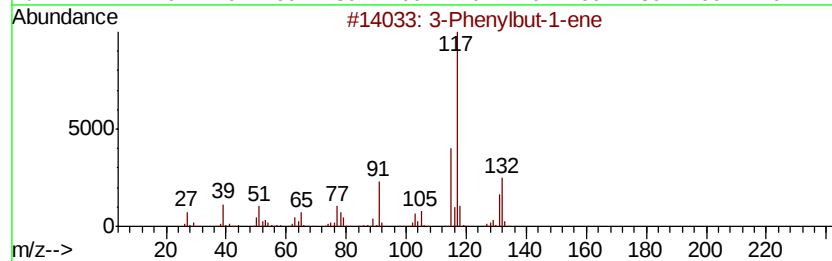
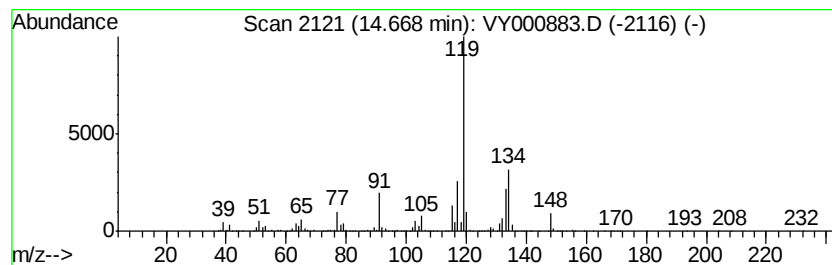
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	128.13 ug/l	8551760	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3		o-Cymene	134	C10H14	000527-84-4	55
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120519\
Data File : VY000883.D
Acq On : 05 Dec 2019 15:17
Operator : SY/MD
Sample : K6174-01
Misc : 6.53G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.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
Heptane	8.55	135.8	ug/l	35415300	2	8.70	13038700	50.0
Octane	10.37	273.7	ug/l	19353200	3	11.49	3535440	50.0
Cyclohexane, 1,2-...	10.52	111.6	ug/l	7888370	3	11.49	3535440	50.0
Cyclohexane, 1,4-...	10.61	114.3	ug/l	8084920	3	11.49	3535440	50.0
Cyclohexane, 1,1,...	11.09	93.5	ug/l	6612440	3	11.49	3535440	50.0
Octane, 2-methyl-	11.28	155.6	ug/l	11003400	3	11.49	3535440	50.0
Heptyl isobutyl c...	11.38	102.8	ug/l	7268440	3	11.49	3535440	50.0
Benzene, 1-ethyl-...	12.73	156.2	ug/l	10422100	4	13.42	3337120	50.0
Benzene, 1-ethyl-...	13.97	125.0	ug/l	8341280	4	13.42	3337120	50.0
3-Phenylbut-1-ene	14.67	128.1	ug/l	8551760	4	13.42	3337120	50.0