

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002986.D
 Acq On : 22 Jun 2020 20:08
 Operator : SY/MD
 Sample : L3082-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

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\82Y061920S.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	3.956	352	364	374	rBV3	6761	22041	1.39%	0.107%
2	4.724	476	490	510	rBV3	39653	155741	9.80%	0.754%
3	5.754	649	659	669	rBV4	8589	27115	1.71%	0.131%
4	6.992	850	862	875	rBV	40529	118863	7.48%	0.576%
5	7.724	973	982	988	rBV	183352	454183	28.59%	2.199%
6	7.797	988	994	1003	rVV	335860	759798	47.82%	3.679%
7	7.876	1003	1007	1017	rVB2	11875	28212	1.78%	0.137%
8	7.998	1019	1027	1037	rBV2	17033	40706	2.56%	0.197%
9	8.144	1037	1051	1064	rVB2	187853	518203	32.62%	2.509%
10	8.327	1064	1081	1092	rBV	79350	213116	13.41%	1.032%
11	8.553	1109	1118	1129	rVB4	9980	25905	1.63%	0.125%
12	8.693	1129	1141	1155	rBV	476405	940405	59.19%	4.553%
13	9.187	1210	1222	1227	rBV2	31584	75597	4.76%	0.366%
14	9.248	1227	1232	1238	rVB2	18179	34248	2.16%	0.166%
15	9.620	1285	1293	1302	rBV	73209	142695	8.98%	0.691%
16	9.748	1302	1314	1321	rVV	104383	229980	14.48%	1.114%
17	9.821	1321	1326	1329	rVV2	16695	33796	2.13%	0.164%
18	9.851	1329	1331	1339	rVB3	12987	19893	1.25%	0.096%
19	9.955	1339	1348	1360	rBV3	19476	57606	3.63%	0.279%
20	10.113	1368	1374	1378	rBV	46382	79146	4.98%	0.383%
21	10.180	1378	1385	1391	rVV	752266	1270975	80.00%	6.154%
22	10.241	1391	1395	1401	rVV	154267	270649	17.03%	1.310%
23	10.296	1401	1404	1408	rVV3	11201	16659	1.05%	0.081%
24	10.369	1408	1416	1422	rVB5	17455	37436	2.36%	0.181%
25	10.577	1443	1450	1457	rBV	264041	491952	30.96%	2.382%
26	10.638	1457	1460	1467	rVB3	12336	20564	1.29%	0.100%
27	10.942	1506	1510	1516	rVB	69688	115092	7.24%	0.557%
28	11.278	1556	1565	1567	rBV3	20057	42985	2.71%	0.208%
29	11.320	1567	1572	1577	rVB	106179	183417	11.54%	0.888%
30	11.375	1577	1581	1591	rVB	19583	32245	2.03%	0.156%
31	11.491	1591	1600	1608	rBV	706163	1180965	74.33%	5.718%
32	11.589	1609	1616	1625	rVB	133997	228770	14.40%	1.108%
33	11.698	1625	1634	1645	rBV	498897	924594	58.19%	4.477%
34	12.028	1679	1688	1695	rVB	266922	429276	27.02%	2.078%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002986.D
 Acq On : 22 Jun 2020 20:08
 Operator : SY/MD
 Sample : L3082-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

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\82Y061920S.M
 Title : SW846 8260

35	12.326	1732	1737	1742	rBV	107906	164399	10.35%	0.796%
36	12.479	1753	1762	1773	rVB2	723086	1372962	86.41%	6.648%
37	12.625	1781	1786	1788	rBV2	12278	21026	1.32%	0.102%
38	12.668	1788	1793	1798	rVV	196153	296347	18.65%	1.435%
39	12.735	1798	1804	1807	rVV	490362	783775	49.33%	3.795%
40	12.765	1807	1809	1812	rVV	234106	291962	18.38%	1.414%
41	12.808	1812	1816	1827	rVB	345276	551001	34.68%	2.668%
42	12.973	1836	1843	1851	rBV	228132	383318	24.13%	1.856%
43	13.070	1851	1859	1861	rBV	29418	51444	3.24%	0.249%
44	13.119	1861	1867	1873	rVB	1094750	1588806	100.00%	7.693%
45	13.180	1873	1877	1882	rVB3	70246	110118	6.93%	0.533%
46	13.253	1882	1889	1891	rBV4	27061	61945	3.90%	0.300%
47	13.284	1891	1894	1897	rVB	18393	18151	1.14%	0.088%
48	13.314	1897	1899	1903	rVB2	22917	25816	1.62%	0.125%
49	13.357	1903	1906	1910	rBV3	13013	16435	1.03%	0.080%
50	13.424	1910	1917	1921	rBV	795084	1340410	84.37%	6.490%
51	13.588	1939	1944	1946	rBV	56662	85172	5.36%	0.412%
52	13.625	1946	1950	1953	rVV2	266187	432432	27.22%	2.094%
53	13.661	1953	1956	1967	rVV3	217806	438802	27.62%	2.125%
54	13.753	1967	1971	1975	rVV3	34450	57973	3.65%	0.281%
55	13.820	1978	1982	1987	rVV	65923	107289	6.75%	0.519%
56	13.881	1987	1992	1995	rVV	111310	179299	11.29%	0.868%
57	13.911	1995	1997	2002	rVV	108459	146063	9.19%	0.707%
58	13.972	2002	2007	2012	rVV	220556	332707	20.94%	1.611%
59	14.027	2012	2016	2019	rVV2	15489	25477	1.60%	0.123%
60	14.076	2019	2024	2030	rVB	73527	116379	7.32%	0.563%
61	14.143	2030	2035	2041	rBV6	7657	18093	1.14%	0.088%
62	14.210	2041	2046	2051	rBV	41334	67478	4.25%	0.327%
63	14.296	2053	2060	2063	rVV	132918	222487	14.00%	1.077%
64	14.332	2063	2066	2071	rVV	186191	267072	16.81%	1.293%
65	14.381	2071	2074	2077	rVV2	49207	69379	4.37%	0.336%
66	14.417	2077	2080	2083	rVV	26701	40679	2.56%	0.197%
67	14.454	2083	2086	2093	rVV	31543	51097	3.22%	0.247%
68	14.521	2093	2097	2100	rVV	23660	30093	1.89%	0.146%
69	14.564	2100	2104	2109	rVV	76747	121037	7.62%	0.586%
70	14.613	2109	2112	2116	rVV	36891	50796	3.20%	0.246%
71	14.674	2116	2122	2129	rVV4	142612	352734	22.20%	1.708%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002986.D
 Acq On : 22 Jun 2020 20:08
 Operator : SY/MD
 Sample : L3082-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

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_Y\METHODS\82Y061920S.M
 Title : SW846 8260

72	14.741	2129	2133	2141	rVB2	32654	56765	3.57%	0.275%
73	14.832	2144	2148	2152	rBV2	12958	19397	1.22%	0.094%
74	14.948	2161	2167	2170	rBV2	43783	75862	4.77%	0.367%
75	15.051	2178	2184	2195	rVB5	37150	87368	5.50%	0.423%
76	15.234	2204	2214	2220	rBV	162009	295955	18.63%	1.433%
77	15.344	2220	2232	2236	rVV5	20888	51449	3.24%	0.249%
78	15.393	2237	2240	2244	rVV3	10888	17049	1.07%	0.083%
79	15.436	2244	2247	2255	rVB6	13338	23399	1.47%	0.113%
80	15.527	2255	2262	2268	rBV2	30853	66469	4.18%	0.322%
81	15.710	2279	2292	2304	rBV6	18021	83383	5.25%	0.404%
82	15.814	2304	2309	2315	rBV	16316	31106	1.96%	0.151%
83	15.893	2316	2322	2328	rVB4	13572	29289	1.84%	0.142%
84	16.033	2339	2345	2351	rBV9	9106	19422	1.22%	0.094%
85	16.295	2381	2388	2396	rVB	88791	174209	10.96%	0.843%
86	16.490	2413	2420	2429	rBV2	49021	108920	6.86%	0.527%

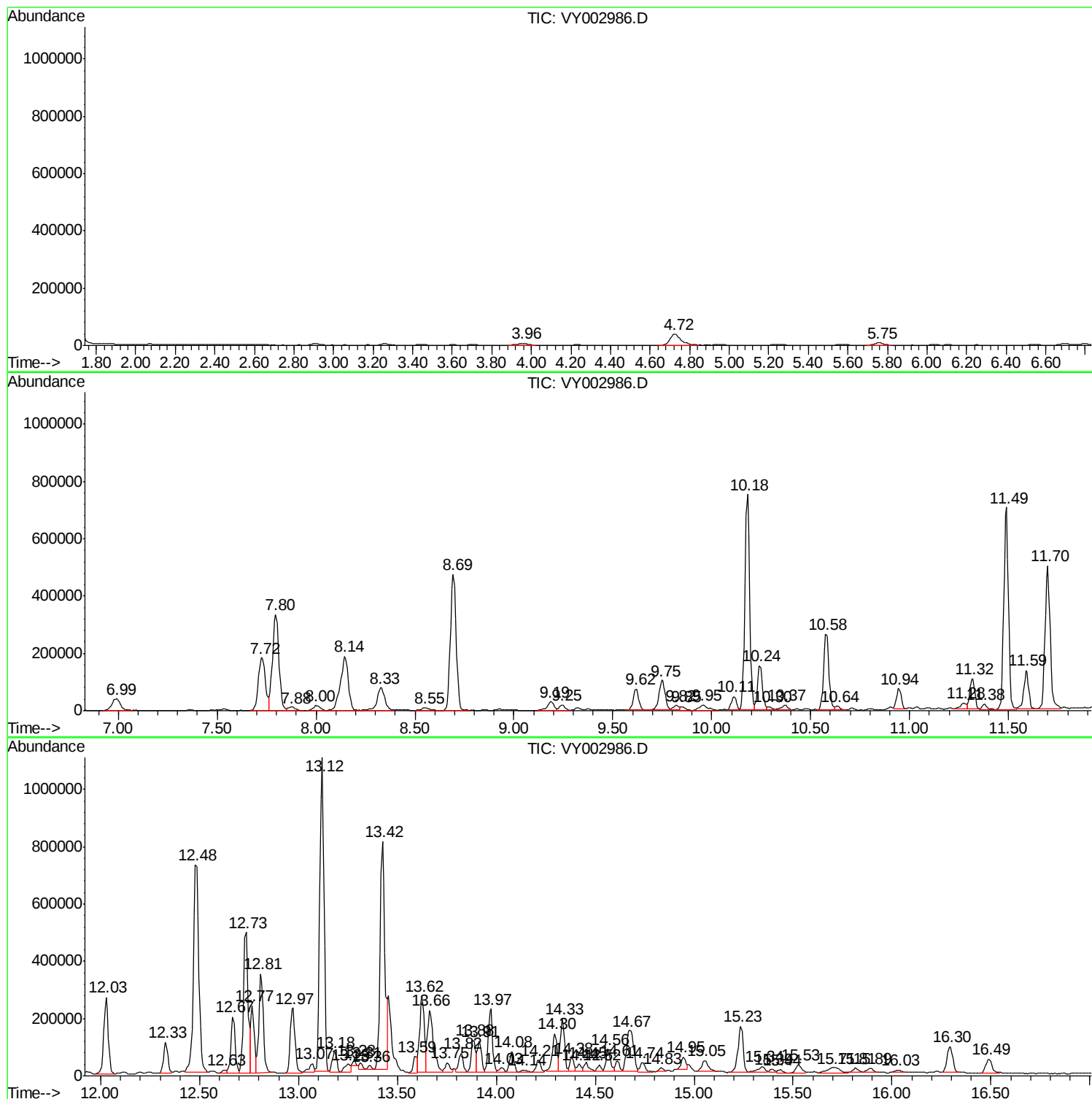
Sum of corrected areas: 20653323

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

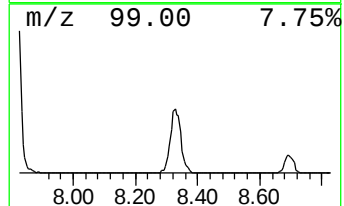
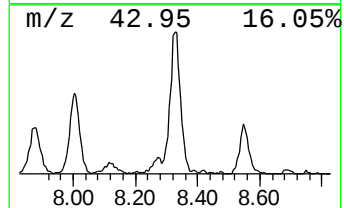
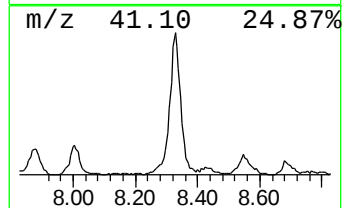
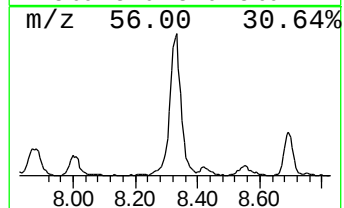
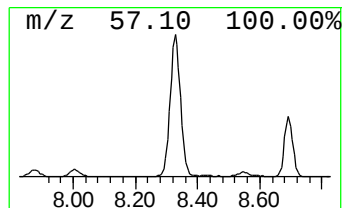
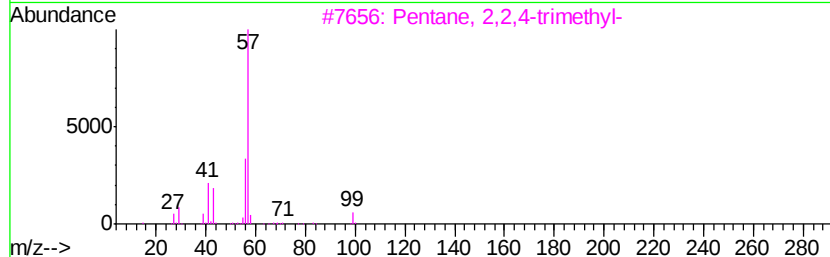
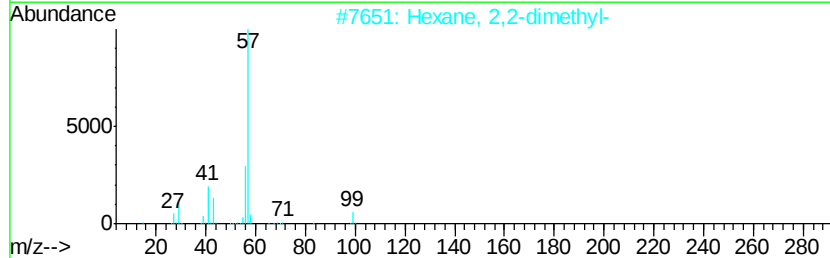
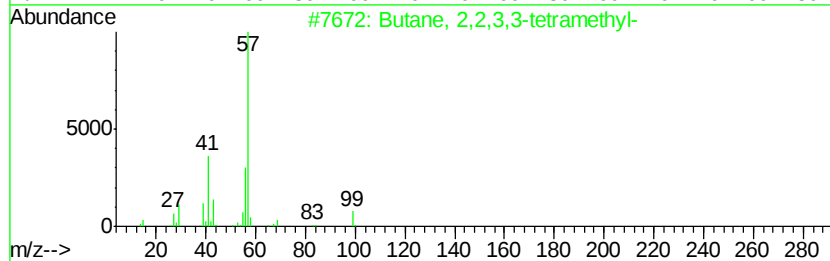
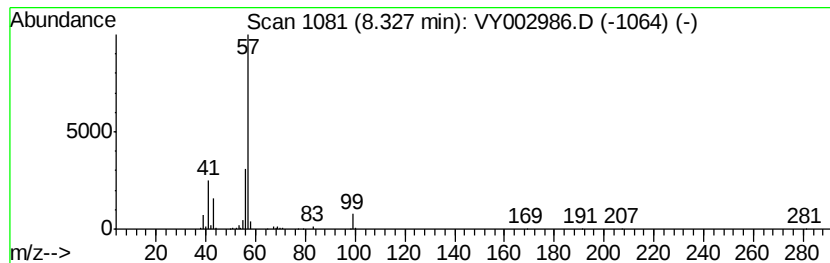
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	11.33 ug/l	213116	1,4-Difluorobenzene	8.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

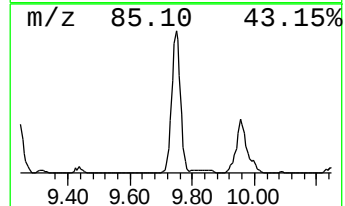
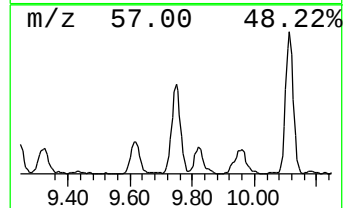
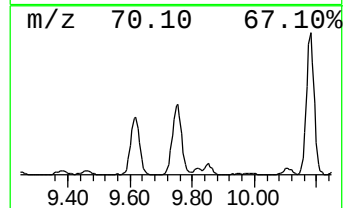
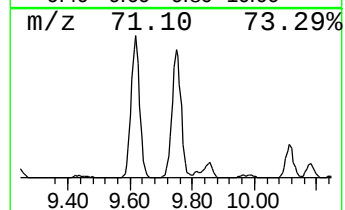
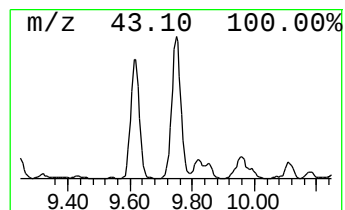
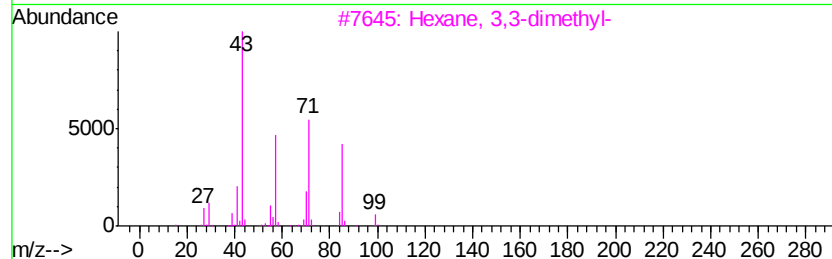
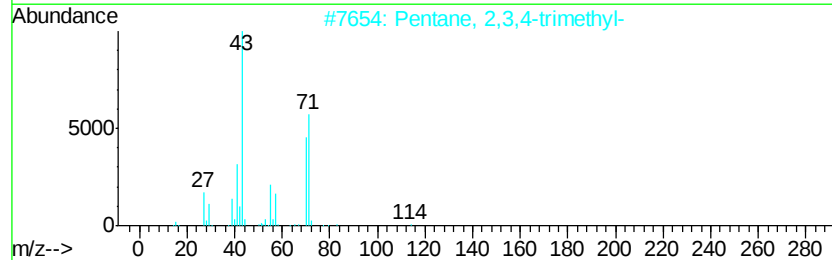
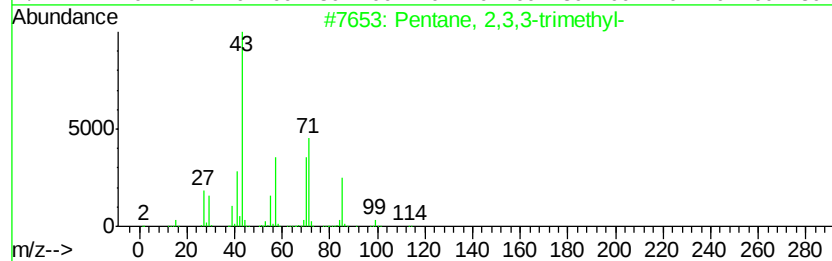
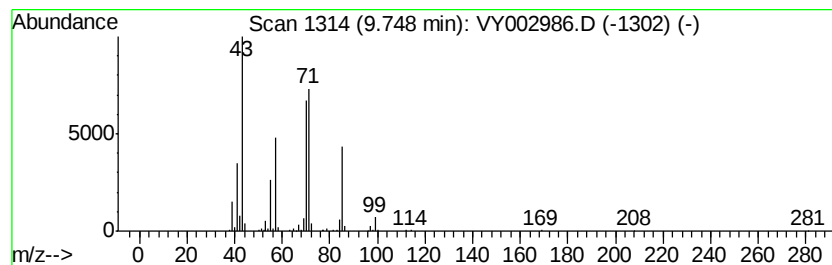
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	12.23 ug/l	229980	1,4-Difluorobenzene	8.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

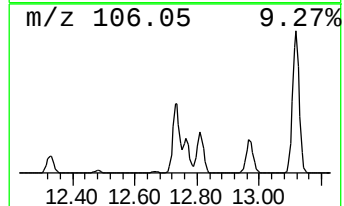
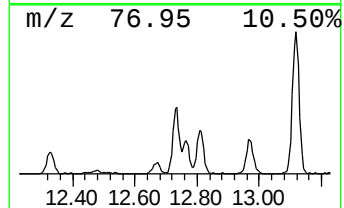
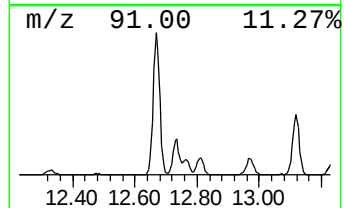
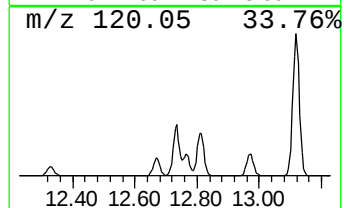
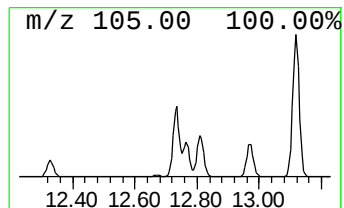
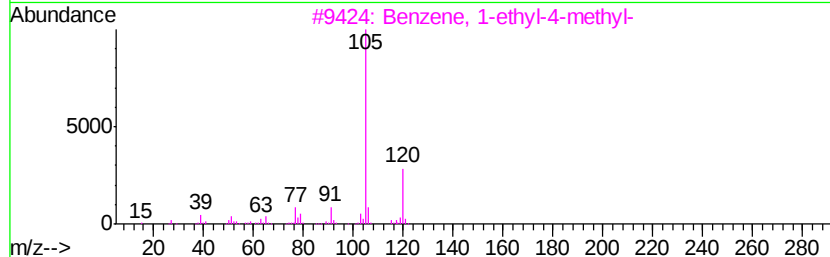
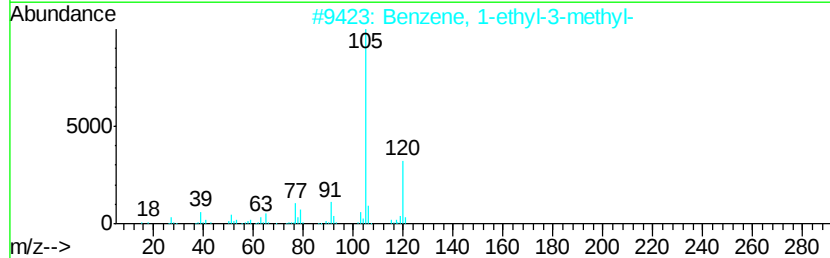
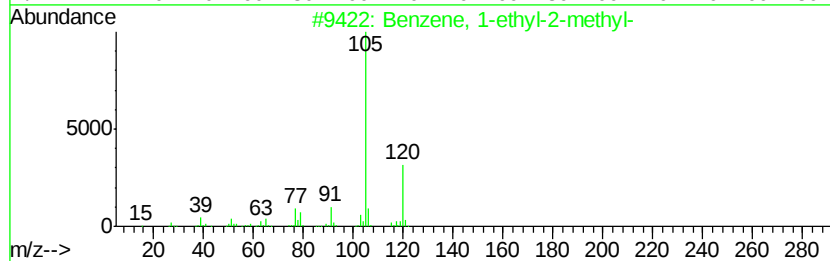
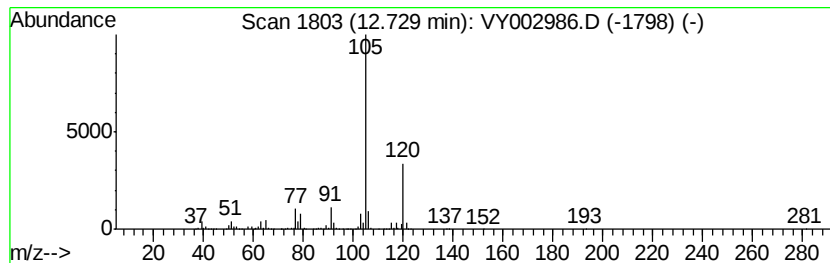
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	29.24 ug/l	783775	1,4-Dichlorobenzene-d4	13.42

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	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

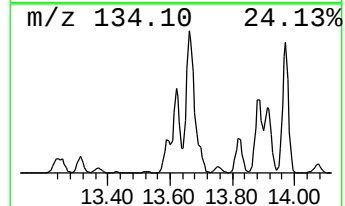
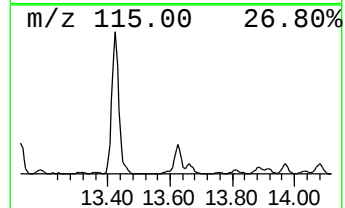
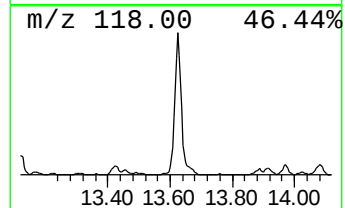
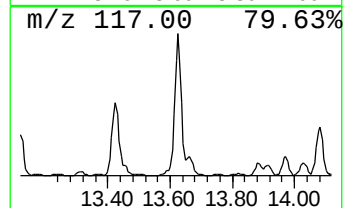
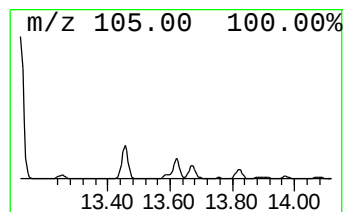
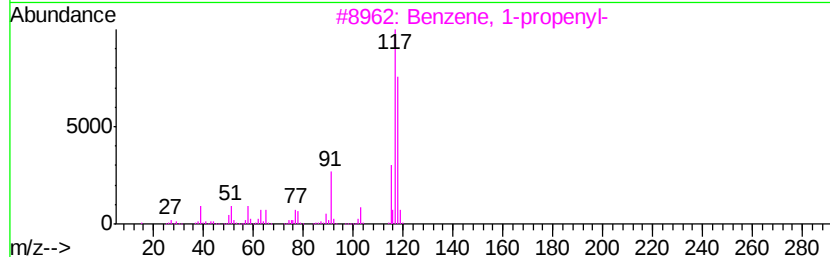
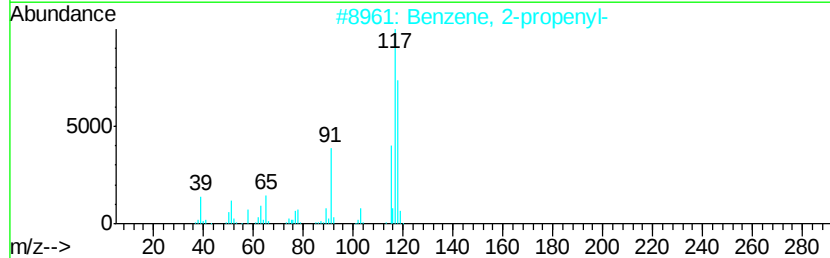
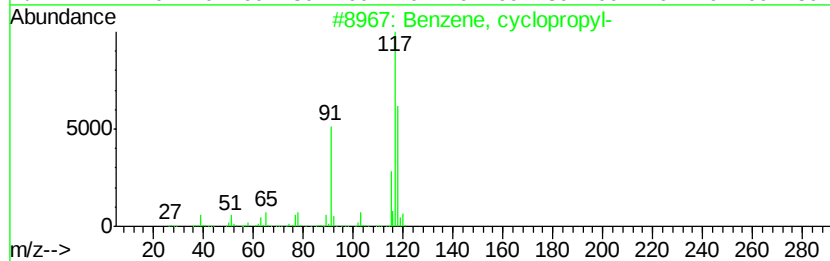
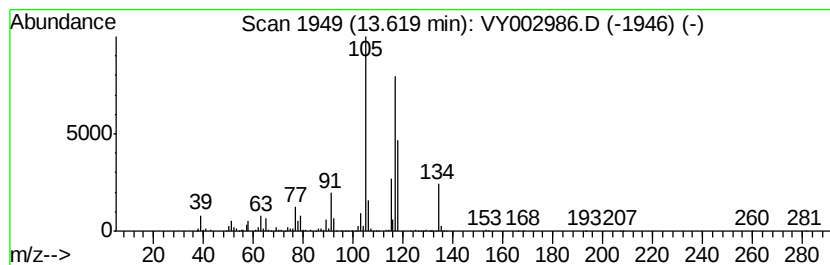
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	16.13 ug/l	432432	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, cvclopopyl-	118	C9H10	000873-49-4	64
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Indane	118	C9H10	000496-11-7	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

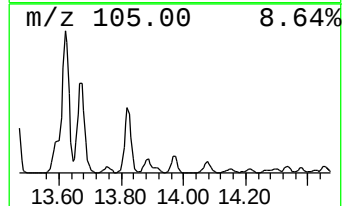
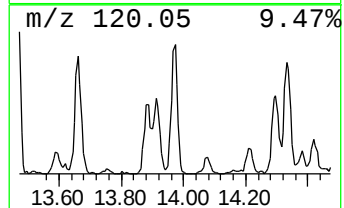
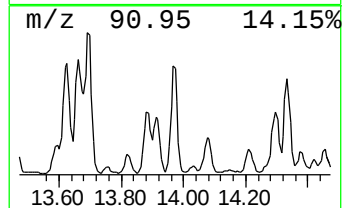
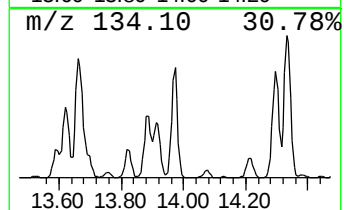
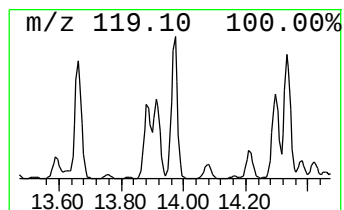
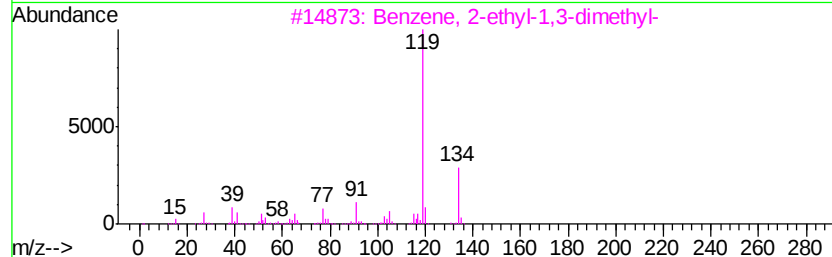
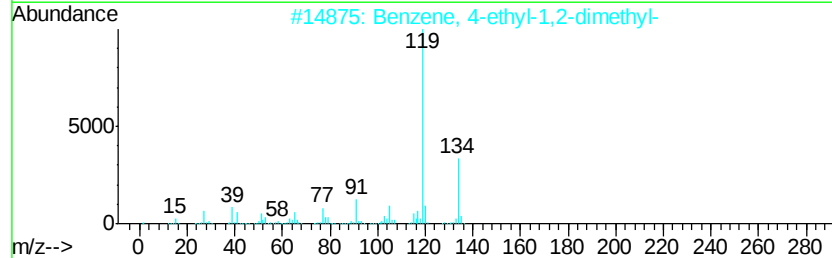
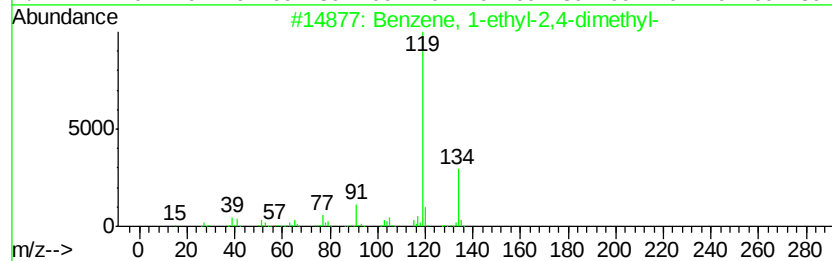
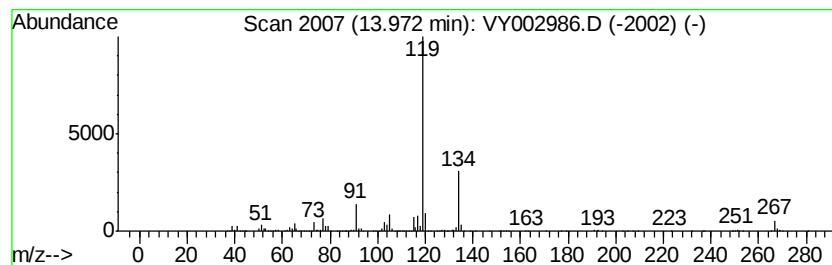
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	12.41 ug/l	332707	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	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

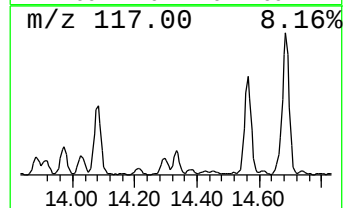
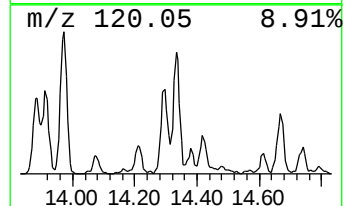
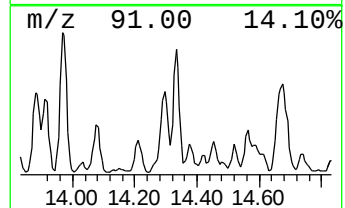
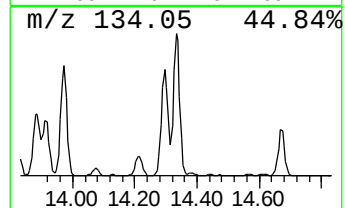
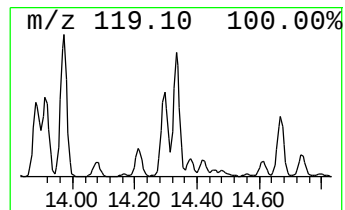
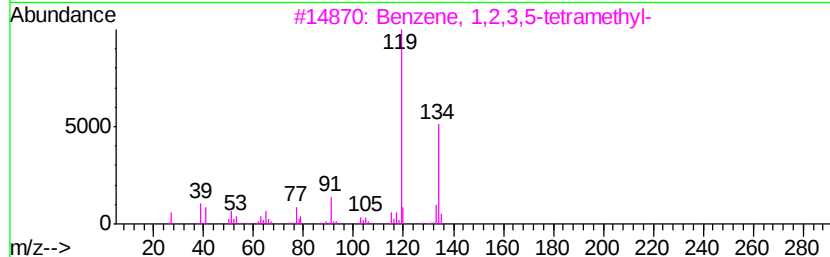
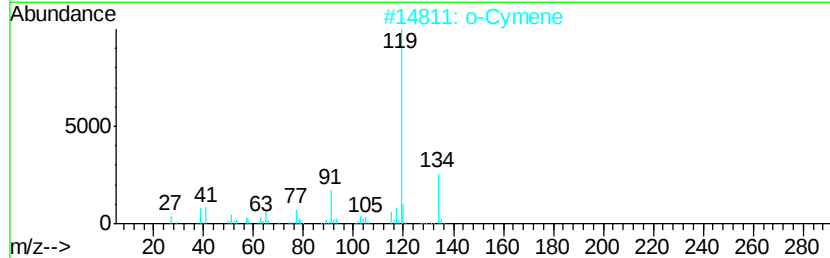
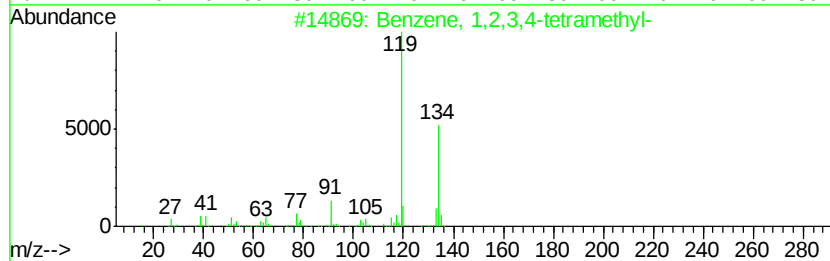
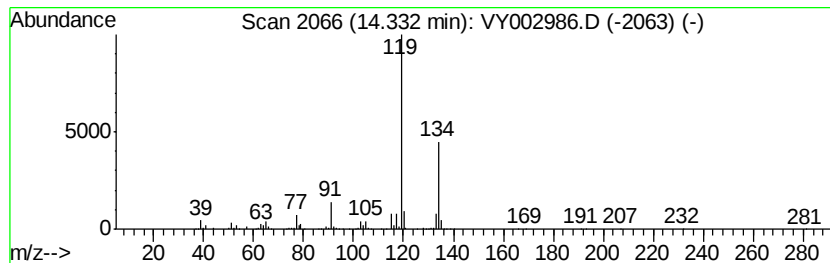
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.96 ug/l	267072	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	97
2		o-Cymene	134	C10H14	000527-84-4	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

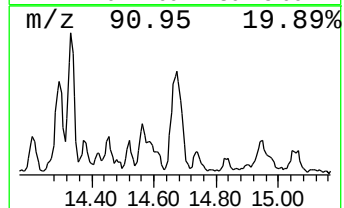
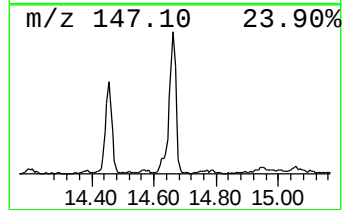
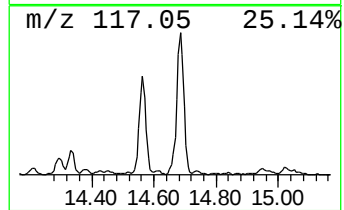
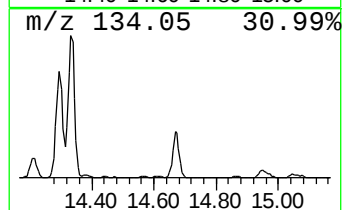
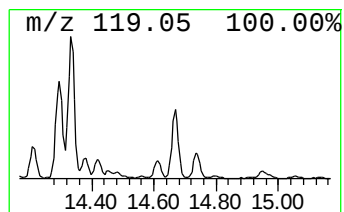
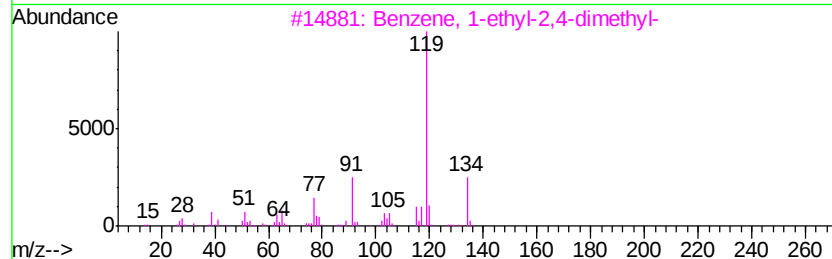
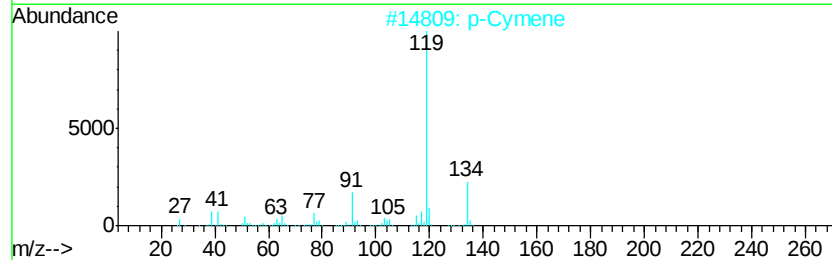
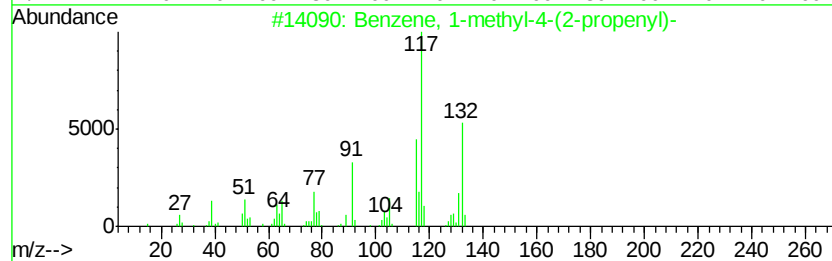
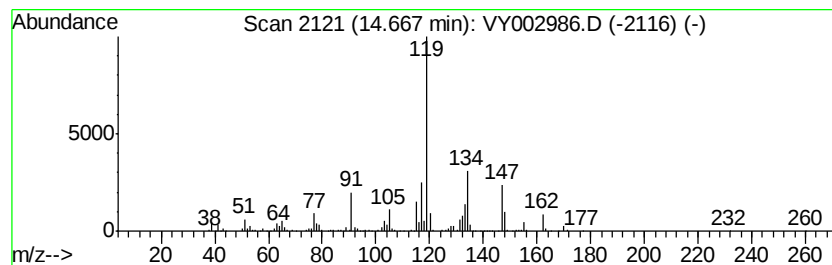
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	13.16 ug/l	352734	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
2		p-Cymene	134	C10H14	000099-87-6	50
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
4		o-Cymene	134	C10H14	000527-84-4	50
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY062220\
Data File : VY002986.D
Acq On : 22 Jun 2020 20:08
Operator : SY/MD
Sample : L3082-05
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.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
Butane, 2,2,3,3-t...	8.33	11.3	ug/l	213116	2	8.69	940405	50.0
Pentane, 2,3,3-tr...	9.75	12.2	ug/l	229980	2	8.69	940405	50.0
Benzene, 1-ethyl-...	12.73	29.2	ug/l	783775	4	13.42	1340410	50.0
Benzene, cyclopro...	13.62	16.1	ug/l	432432	4	13.42	1340410	50.0
Benzene, 1-ethyl-...	13.97	12.4	ug/l	332707	4	13.42	1340410	50.0
Benzene, 1,2,3,4-...	14.33	10.0	ug/l	267072	4	13.42	1340410	50.0
Benzene, 1-methyl...	14.67	13.2	ug/l	352734	4	13.42	1340410	50.0