

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002068.D
 Acq On : 25 Mar 2020 15:45
 Operator : SY/MD
 Sample : L2029-04
 Misc : 8.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B-(0-2)

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\82Y030420S.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	4.231	398	409	423	rBV	7724	22173	2.49%	0.309%
2	7.742	976	985	991	rBV	106366	257457	28.94%	3.583%
3	7.815	991	997	1007	rVB	182731	411763	46.29%	5.730%
4	8.163	1045	1054	1066	rVB	114859	253066	28.45%	3.521%
5	8.712	1133	1144	1154	rBV	314623	620309	69.73%	8.632%
6	9.199	1214	1224	1230	rBV4	5937	13482	1.52%	0.188%
7	10.193	1379	1387	1402	rVB	517745	889572	100.00%	12.378%
8	10.376	1409	1417	1423	rVB7	4233	10572	1.19%	0.147%
9	10.723	1469	1474	1480	rVB4	6171	10485	1.18%	0.146%
10	11.053	1520	1528	1531	rBV3	8941	16071	1.81%	0.224%
11	11.101	1531	1536	1542	rVB	22188	36108	4.06%	0.502%
12	11.217	1549	1555	1559	rBV4	5803	10303	1.16%	0.143%
13	11.303	1559	1569	1578	rVB7	12154	35061	3.94%	0.488%
14	11.388	1578	1583	1587	rBV2	6382	10515	1.18%	0.146%
15	11.504	1595	1602	1612	rVB	461754	754934	84.86%	10.505%
16	11.723	1627	1638	1646	rBV2	52341	125527	14.11%	1.747%
17	11.790	1646	1649	1654	rVB3	13597	21685	2.44%	0.302%
18	12.016	1678	1686	1692	rBV5	30368	74120	8.33%	1.031%
19	12.132	1702	1705	1709	rVB	24585	32549	3.66%	0.453%
20	12.174	1709	1712	1714	rBV3	8452	10718	1.20%	0.149%
21	12.217	1714	1719	1721	rBV3	32846	53403	6.00%	0.743%
22	12.254	1721	1725	1730	rVB4	39191	74356	8.36%	1.035%
23	12.339	1735	1739	1743	rBV5	8576	14275	1.60%	0.199%
24	12.388	1743	1747	1750	rBV5	8465	14547	1.64%	0.202%
25	12.424	1750	1753	1756	rVV2	12051	16712	1.88%	0.233%
26	12.491	1759	1764	1769	rBV	343176	526154	59.15%	7.321%
27	12.577	1774	1778	1782	rBV7	8130	12846	1.44%	0.179%
28	12.656	1786	1791	1798	rVB3	56432	110261	12.39%	1.534%
29	12.741	1798	1805	1809	rBV3	49182	97450	10.95%	1.356%
30	12.814	1811	1817	1823	rVB2	200196	332188	37.34%	4.622%
31	12.869	1823	1826	1831	rVB3	25771	39659	4.46%	0.552%
32	12.961	1837	1841	1843	rBV4	21878	30184	3.39%	0.420%
33	13.052	1852	1856	1863	rVB2	51816	86110	9.68%	1.198%
34	13.131	1864	1869	1874	rVV	105953	163318	18.36%	2.273%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002068.D
 Acq On : 25 Mar 2020 15:45
 Operator : SY/MD
 Sample : L2029-04
 Misc : 8.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B-(0-2)

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\82Y030420S.M
 Title : SW846 8260

35	13.180	1874	1877	1883	rVV7	11872	28219	3.17%	0.393%
36	13.259	1884	1890	1894	rVV5	25605	56545	6.36%	0.787%
37	13.327	1894	1901	1905	rVV3	58475	124618	14.01%	1.734%
38	13.375	1905	1909	1913	rVV5	31656	64868	7.29%	0.903%
39	13.436	1913	1919	1928	rVV	465587	774126	87.02%	10.772%
40	13.509	1928	1931	1933	rVV3	7947	11482	1.29%	0.160%
41	13.540	1933	1936	1938	rVV3	14716	20221	2.27%	0.281%
42	13.576	1939	1942	1945	rVV4	16752	27180	3.06%	0.378%
43	13.631	1947	1951	1955	rVV	51985	86054	9.67%	1.197%
44	13.680	1955	1959	1967	rVV3	40373	95528	10.74%	1.329%
45	13.759	1967	1972	1977	rVV2	83207	136585	15.35%	1.901%
46	13.833	1981	1984	1988	rVV	22454	38922	4.38%	0.542%
47	13.894	1991	1994	1997	rVV3	24676	41212	4.63%	0.573%
48	13.924	1997	1999	2004	rVV	24178	38023	4.27%	0.529%
49	13.979	2004	2008	2015	rVB2	29818	50759	5.71%	0.706%
50	14.089	2021	2026	2032	rVB	27394	45255	5.09%	0.630%
51	14.223	2043	2048	2052	rBV4	12074	22393	2.52%	0.312%
52	14.271	2052	2056	2059	rBV5	12961	20074	2.26%	0.279%
53	14.351	2066	2069	2072	rVB	9806	12696	1.43%	0.177%
54	14.430	2077	2082	2087	rVB4	27684	46712	5.25%	0.650%
55	14.595	2103	2109	2111	rVV6	7054	13533	1.52%	0.188%
56	14.625	2111	2114	2118	rVB3	9203	11880	1.34%	0.165%
57	14.686	2118	2124	2131	rBV4	16264	36768	4.13%	0.512%
58	14.747	2131	2134	2139	rVB5	5940	9392	1.06%	0.131%
59	14.960	2165	2169	2172	rVB4	8377	12594	1.42%	0.175%
60	15.058	2181	2185	2191	rVB3	12323	22914	2.58%	0.319%
61	15.149	2198	2200	2206	rVB5	7421	12645	1.42%	0.176%
62	15.442	2246	2248	2256	rVB6	8018	14858	1.67%	0.207%
63	15.540	2257	2264	2272	rVV6	4421	11743	1.32%	0.163%
64	15.698	2285	2290	2295	rVV9	5285	11279	1.27%	0.157%
65	15.826	2307	2311	2318	rVB8	5673	10020	1.13%	0.139%
66	15.899	2318	2323	2329	rBV7	4330	10377	1.17%	0.144%
67	16.046	2340	2347	2355	rBV4	11086	25275	2.84%	0.352%
68	16.308	2385	2390	2393	rBV5	4711	9198	1.03%	0.128%
69	16.356	2396	2398	2408	rVB10	6031	11336	1.27%	0.158%
70	16.503	2416	2422	2432	rVB8	13849	33221	3.73%	0.462%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

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\82Y030420S.M
Title : SW846 8260

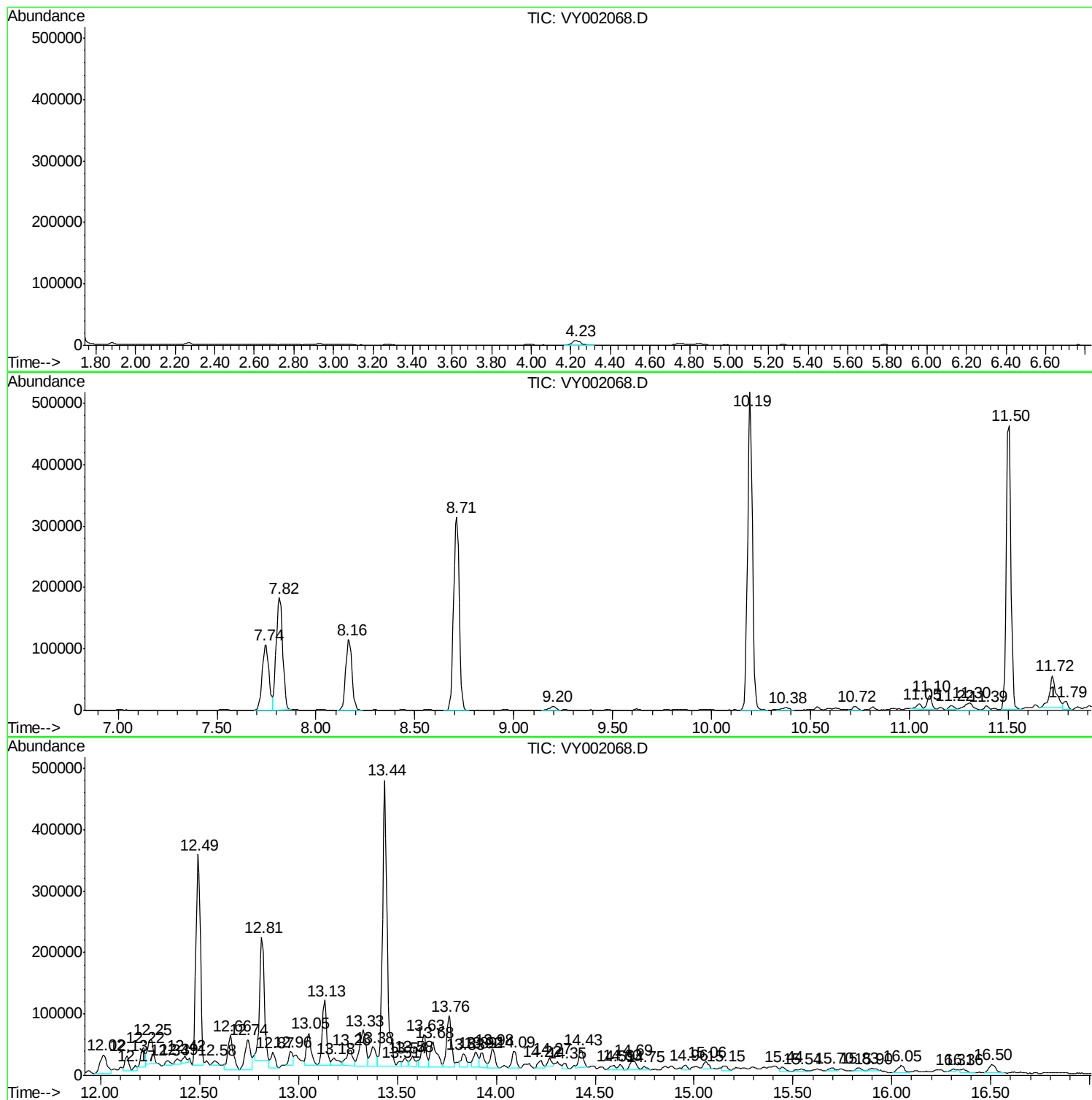
Sum of corrected areas: 7186438

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

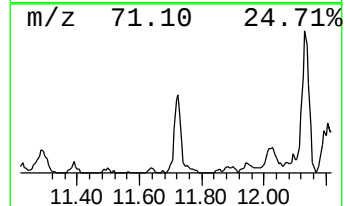
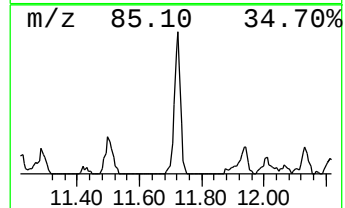
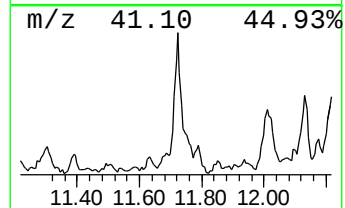
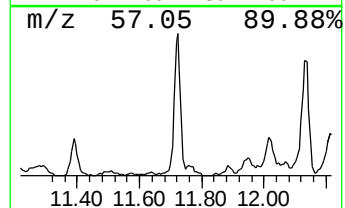
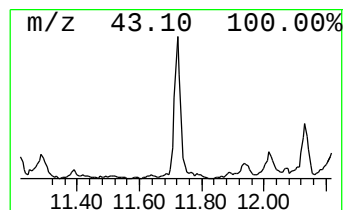
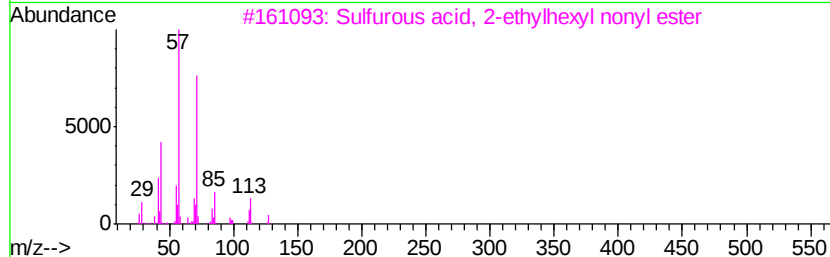
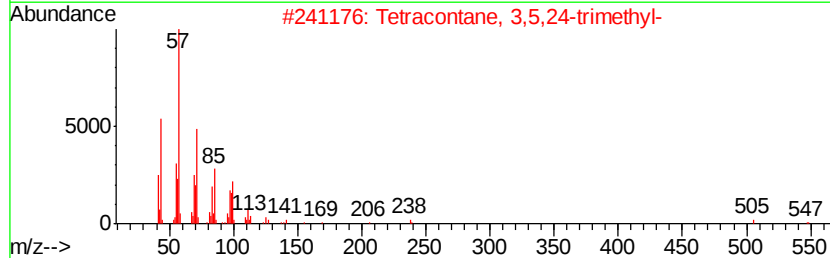
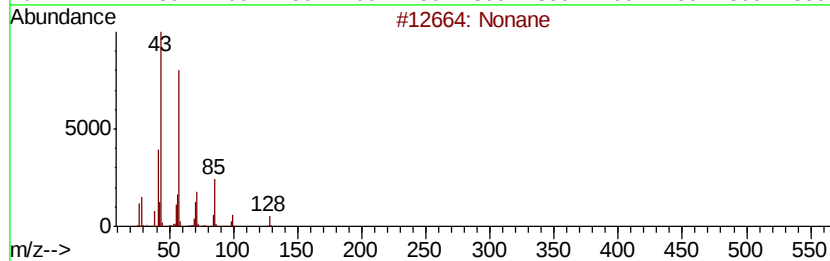
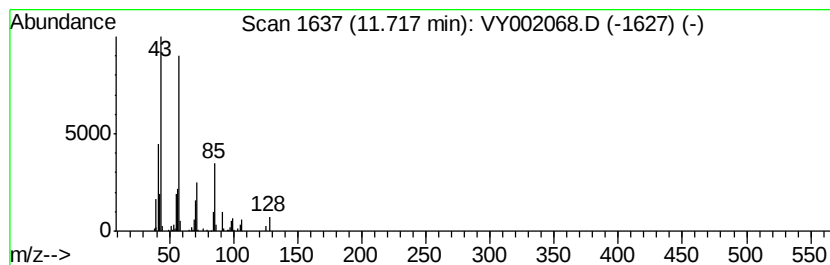
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.31 ug/l	125527	Chlorobenzene-d5	11.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 87
2	Tetracontane, 3,5,24-trimethyl-		605 C43H88	055162-61-3 59
3	Sulfurous acid, 2-ethylhexyl non...		320 C17H36O3S	1000309-19-2 50
4	Octane, 3,5-dimethyl-		142 C10H22	015869-93-9 50
5	Sulfurous acid, hexyl heptyl ester		264 C13H28O3S	1000309-12-9 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

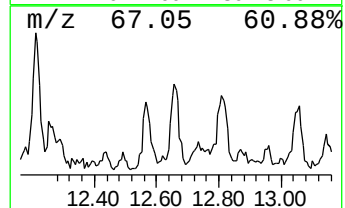
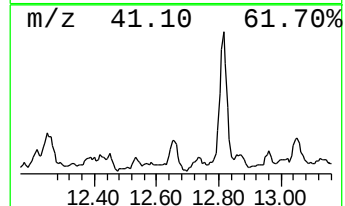
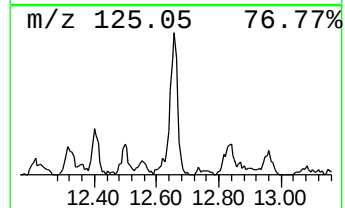
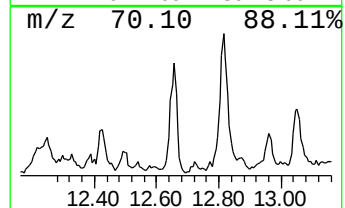
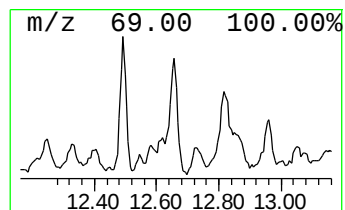
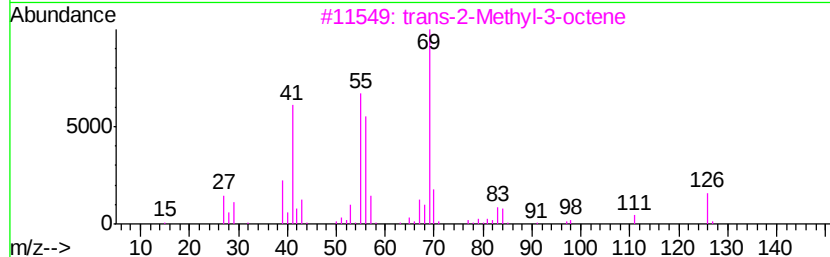
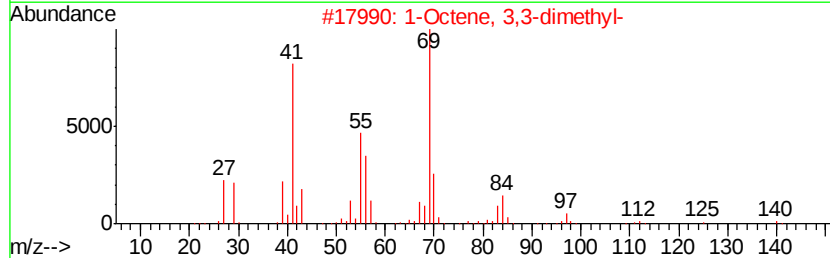
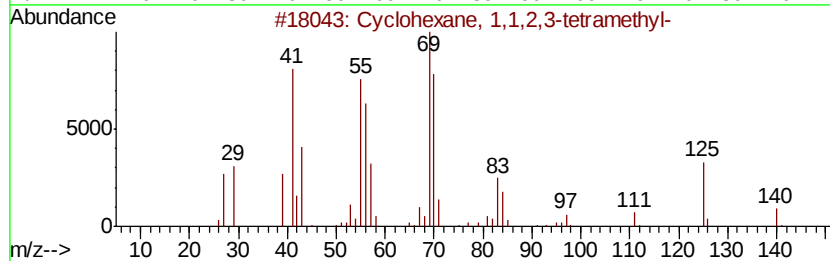
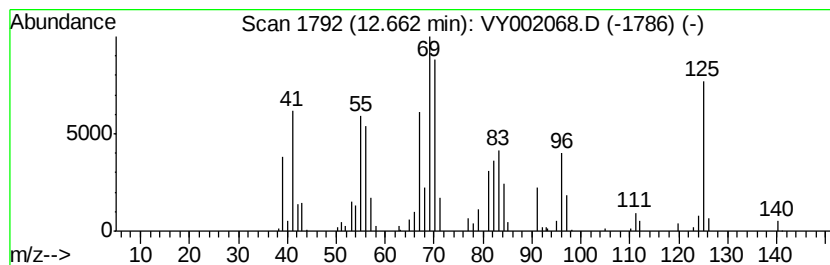
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	7.12 ug/l	110261	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2 64
2		1-Octene, 3,3-dimethyl-	140 C10H20	074511-51-6 43
3		trans-2-Methyl-3-octene	126 C9H18	052937-36-7 38
4		1-Hexene, 3-methyl-	98 C7H14	003404-61-3 38
5		2-Methyl-2-octene	126 C9H18	016993-86-5 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

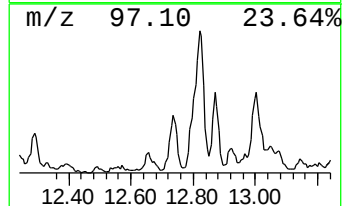
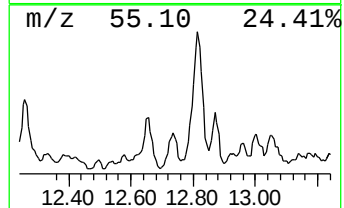
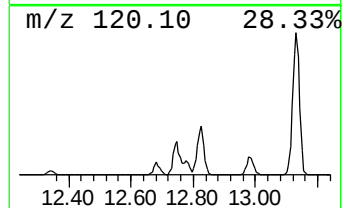
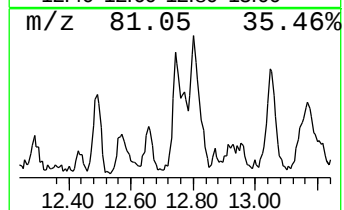
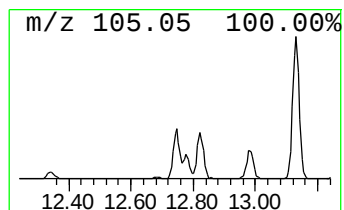
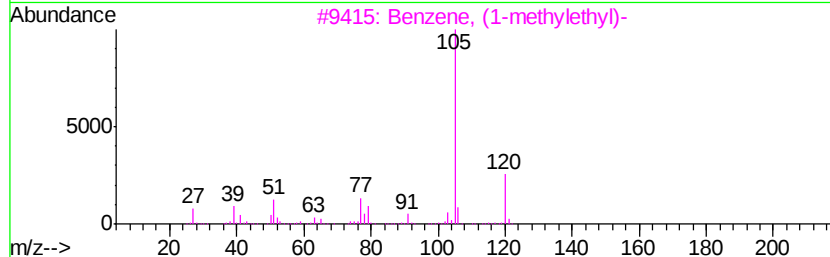
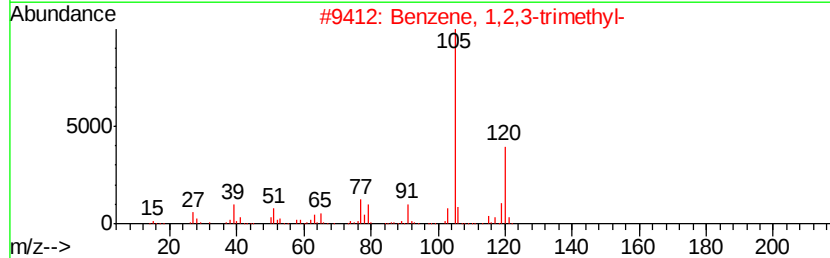
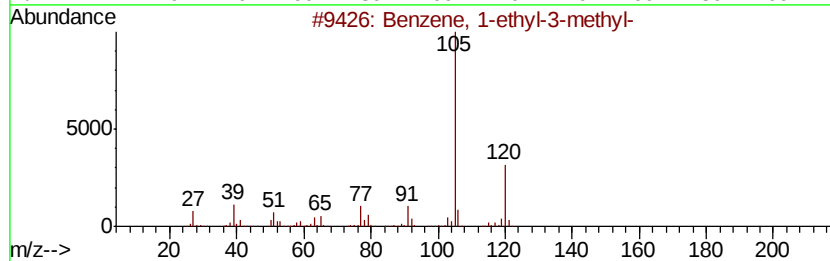
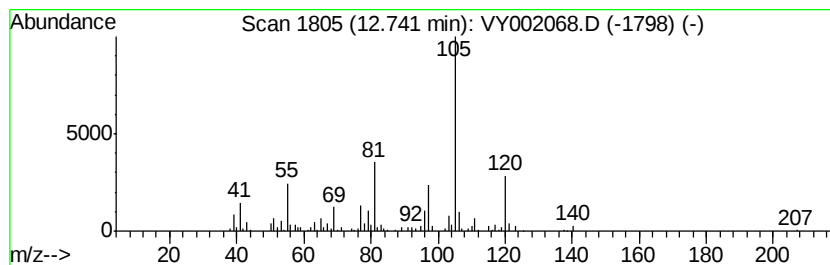
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	6.29 ug/l	97450	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

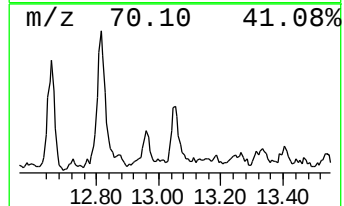
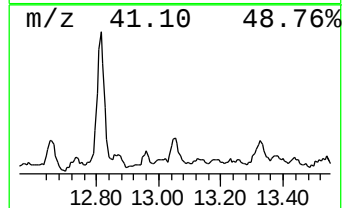
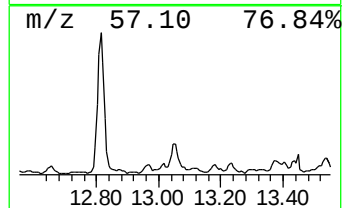
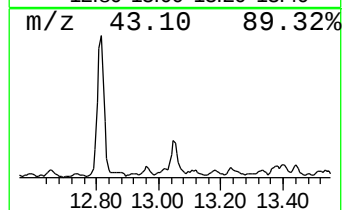
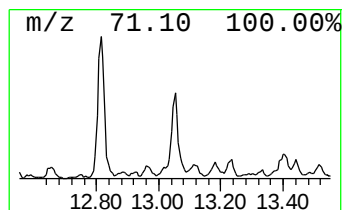
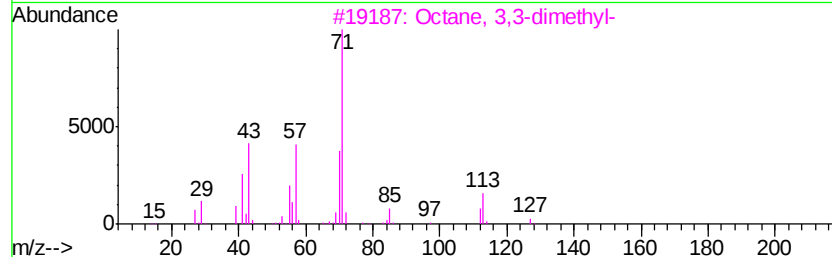
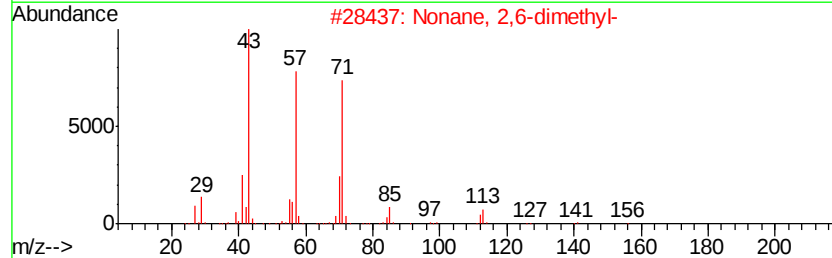
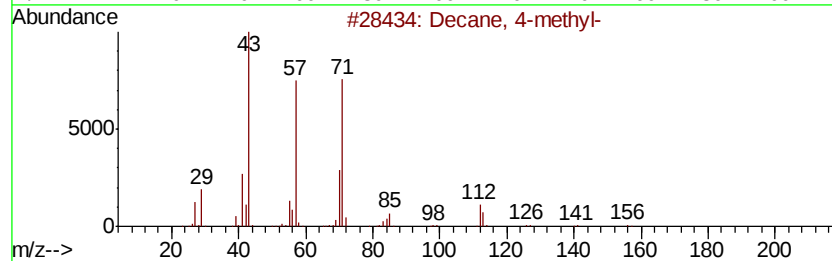
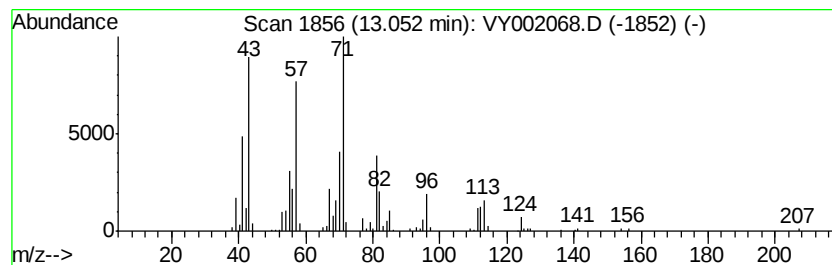
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.56 ug/l	86110	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	60
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	43
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

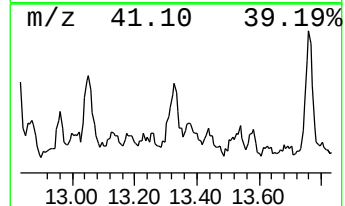
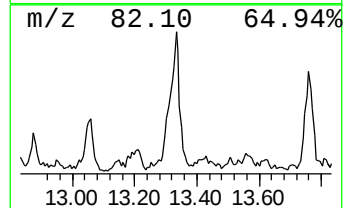
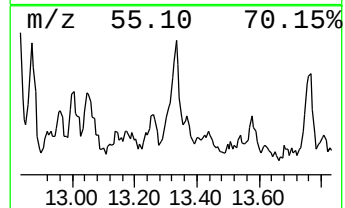
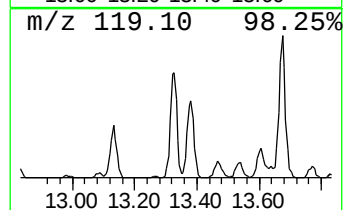
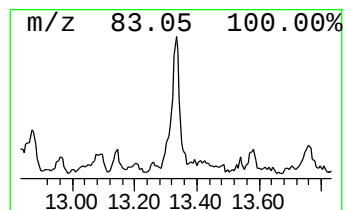
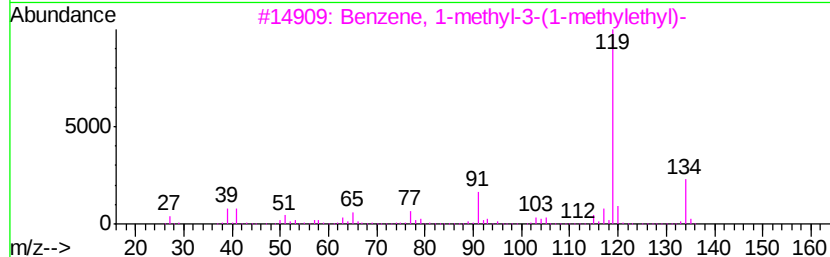
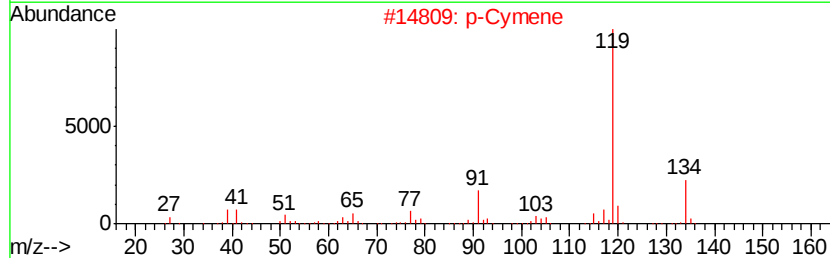
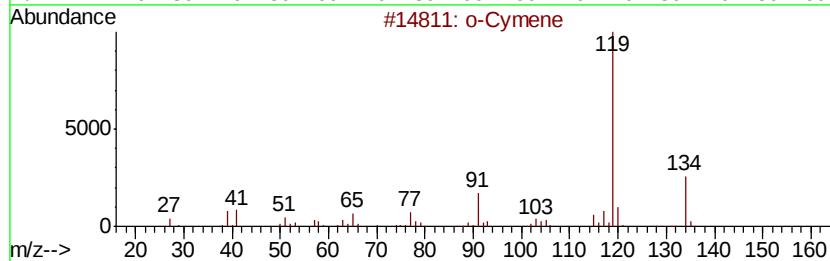
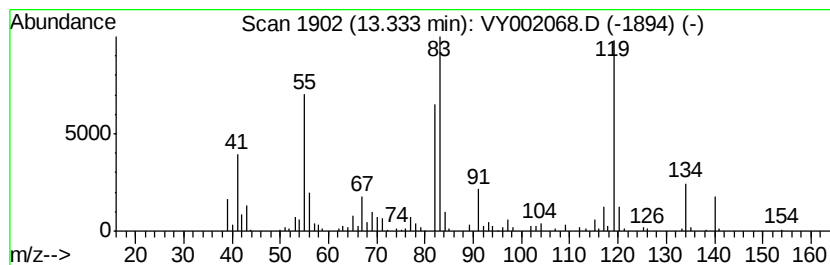
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 5 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	8.05 ug/l	124618	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 60
2		p-Cymene	134 C10H14	000099-87-6 60
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 55
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 49
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

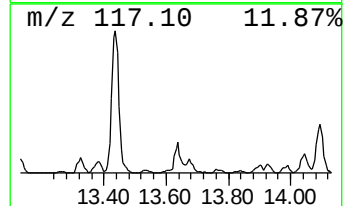
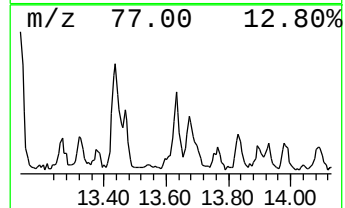
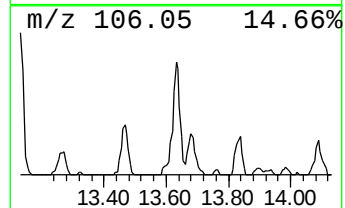
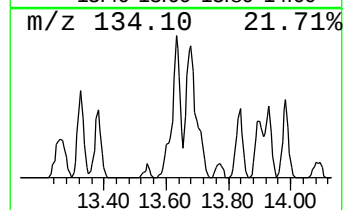
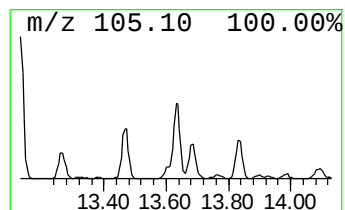
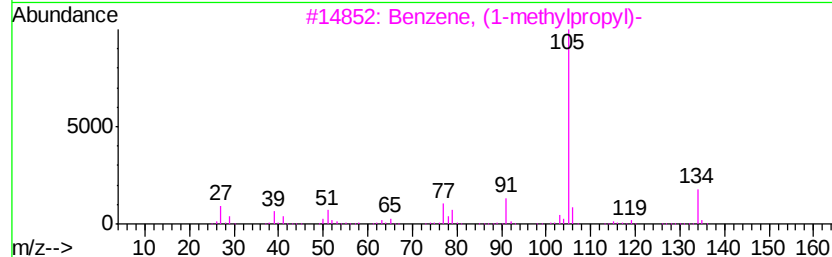
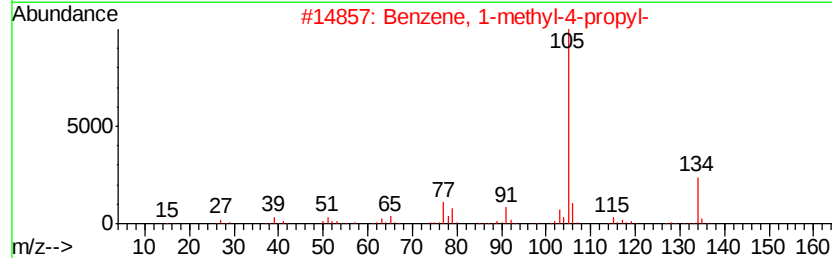
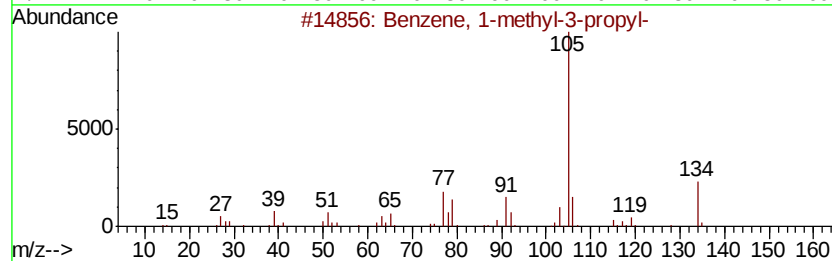
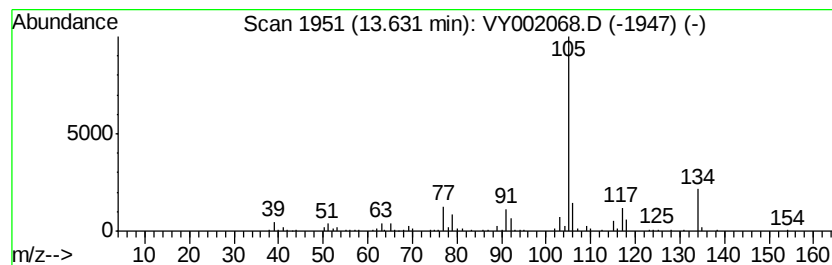
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.56 ug/l	86054	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

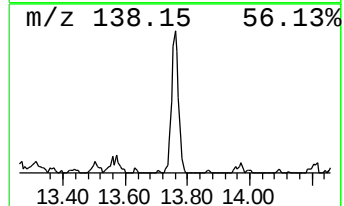
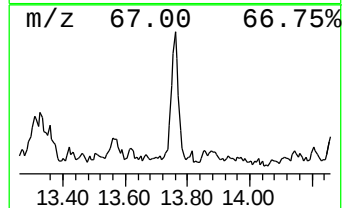
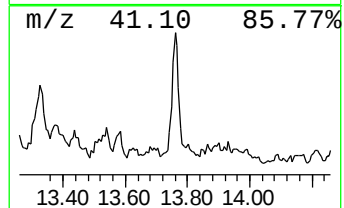
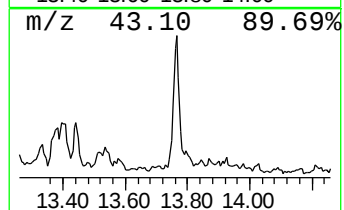
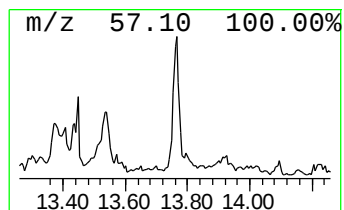
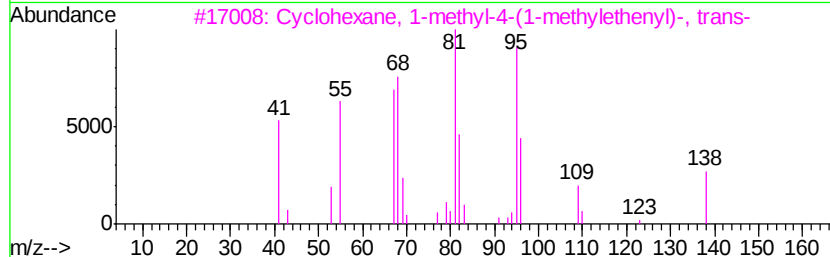
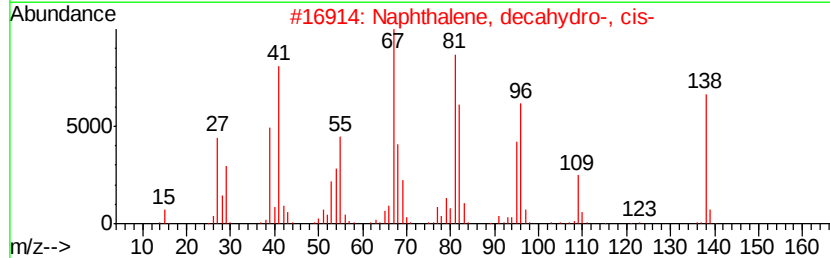
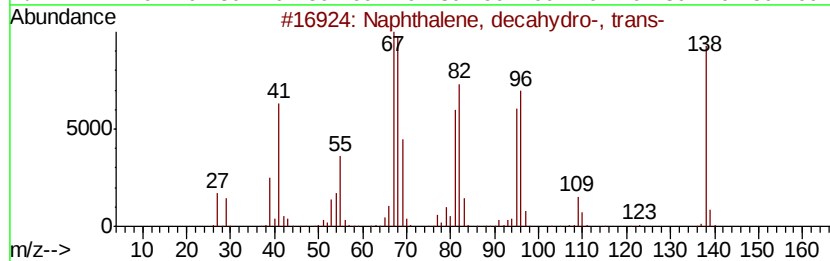
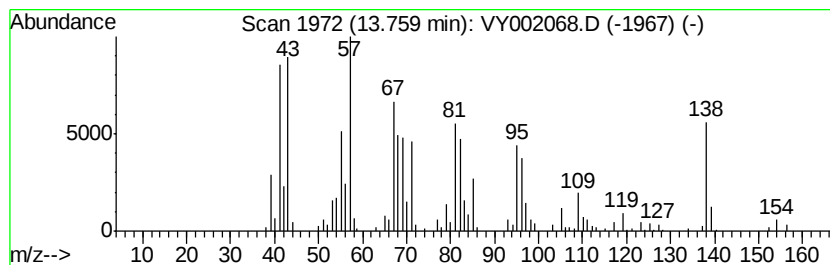
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	8.82 ug/l	136585	1,4-Dichlorobenzene-d4	13.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
3	Cyclohexane, 1-methyl-4-(1-methyl...	138	C10H18	001124-25-0	64
4	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	64
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032520\
Data File : VY002068.D
Acq On : 25 Mar 2020 15:45
Operator : SY/MD
Sample : L2029-04
Misc : 8.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B-(0-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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
Nonane	11.72	8.3	ug/l	125527	3	11.50	754934	50.0
Cyclohexane, 1,1,...	12.66	7.1	ug/l	110261	4	13.44	774126	50.0
Benzene, 1-ethyl-...	12.74	6.3	ug/l	97450	4	13.44	774126	50.0
Decane, 4-methyl-	13.05	5.6	ug/l	86110	4	13.44	774126	50.0
o-Cymene	13.33	8.1	ug/l	124618	4	13.44	774126	50.0
Benzene, 1-methyl...	13.63	5.6	ug/l	86054	4	13.44	774126	50.0
Naphthalene, deca...	13.76	8.8	ug/l	136585	4	13.44	774126	50.0