

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002549.D
 Acq On : 04 May 2020 18:17
 Operator : SY/MD
 Sample : L2456-01
 Misc : 1.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 207

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\82Y043020S.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	7.779	973	991	1002	rBV3	1040687	3477878	4.84%	1.269%
2	7.888	1002	1009	1019	rVV	393970	995318	1.39%	0.363%
3	8.016	1019	1030	1045	rVV	1595150	3796637	5.28%	1.385%
4	8.285	1064	1074	1079	rBV3	302460	771526	1.07%	0.282%
5	8.559	1108	1119	1134	rBV	2326511	4476968	6.23%	1.633%
6	8.699	1134	1142	1155	rBV	470221	969637	1.35%	0.354%
7	9.193	1206	1223	1229	rBV2	780656	1952354	2.72%	0.712%
8	9.827	1322	1327	1331	rBV	553669	994998	1.38%	0.363%
9	9.967	1339	1350	1362	rBV	569941	1296174	1.80%	0.473%
10	10.187	1380	1386	1390	rBV	977993	1758848	2.45%	0.642%
11	10.254	1390	1397	1405	rVB2	36103622	71852765	100.00%	26.216%
12	10.376	1410	1417	1424	rVB	1560375	2558443	3.56%	0.933%
13	10.809	1478	1488	1493	rBV	447965	723314	1.01%	0.264%
14	11.040	1519	1526	1530	rVV	797050	1415488	1.97%	0.516%
15	11.095	1530	1535	1541	rVB	629880	1155192	1.61%	0.421%
16	11.211	1548	1554	1558	rBV3	584026	1054635	1.47%	0.385%
17	11.284	1558	1566	1577	rVB4	2510378	5830350	8.11%	2.127%
18	11.388	1577	1583	1587	rBV	2213219	3512705	4.89%	1.282%
19	11.595	1611	1617	1621	rBV	1587314	2692415	3.75%	0.982%
20	11.717	1626	1637	1645	rVV3	12530428	27190772	37.84%	9.921%
21	11.784	1645	1648	1654	rVB	1432639	2205847	3.07%	0.805%
22	11.930	1665	1672	1677	rVB3	437075	795517	1.11%	0.290%
23	12.034	1677	1689	1697	rBV3	3563409	10199110	14.19%	3.721%
24	12.125	1700	1704	1708	rVB	1877456	2470006	3.44%	0.901%
25	12.205	1713	1717	1720	rVV2	1351520	2431519	3.38%	0.887%
26	12.247	1720	1724	1733	rVV5	2775186	6192923	8.62%	2.260%
27	12.333	1733	1738	1742	rVV2	966897	1932119	2.69%	0.705%
28	12.388	1742	1747	1749	rVV3	1009230	2228206	3.10%	0.813%
29	12.418	1749	1752	1754	rVV	2151504	3048426	4.24%	1.112%
30	12.442	1754	1756	1760	rVB	1856380	2285273	3.18%	0.834%
31	12.528	1766	1770	1774	rVV	1586815	2183092	3.04%	0.797%
32	12.674	1786	1794	1798	rVV	2516842	5076112	7.06%	1.852%
33	12.741	1798	1805	1808	rVV	6467346	11263576	15.68%	4.110%
34	12.772	1808	1810	1812	rVV	3482878	4395611	6.12%	1.604%

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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 >
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35	12.808	1812	1816	1822	rVV2	11028207	17833516	24.82%	6.507%
36	12.863	1822	1825	1830	rVV	1277723	1845021	2.57%	0.673%
37	12.973	1830	1843	1848	rVV	2549985	5933368	8.26%	2.165%
38	13.046	1851	1855	1861	rVV	1789503	3118594	4.34%	1.138%
39	13.125	1861	1868	1873	rVV	7798741	11940431	16.62%	4.357%
40	13.174	1873	1876	1882	rVV8	454337	1222967	1.70%	0.446%
41	13.253	1882	1889	1893	rVV4	1033407	2264650	3.15%	0.826%
42	13.320	1893	1900	1904	rVV3	1833755	3783692	5.27%	1.381%
43	13.369	1904	1908	1911	rVV3	952444	1595090	2.22%	0.582%
44	13.461	1915	1923	1927	rVV	1696707	3612039	5.03%	1.318%
45	13.528	1927	1934	1942	rVV	1958530	4206371	5.85%	1.535%
46	13.625	1946	1950	1954	rVV	3016484	4992404	6.95%	1.822%
47	13.674	1954	1958	1966	rVV4	1427683	3543674	4.93%	1.293%
48	13.753	1966	1971	1976	rVV2	2609336	4042313	5.63%	1.475%
49	13.826	1980	1983	1989	rVV	714834	1255848	1.75%	0.458%
50	13.887	1989	1993	1995	rVV	563954	841990	1.17%	0.307%
51	13.918	1995	1998	2003	rVV2	724767	1158531	1.61%	0.423%
52	13.973	2003	2007	2012	rVB	840910	1279586	1.78%	0.467%
53	14.082	2020	2025	2031	rVB	1063319	1668904	2.32%	0.609%
54	14.259	2050	2054	2059	rBV4	473523	730405	1.02%	0.266%
55	14.570	2101	2105	2110	rBV2	382477	756654	1.05%	0.276%
56	14.692	2117	2125	2130	rBV3	599268	1266278	1.76%	0.462%

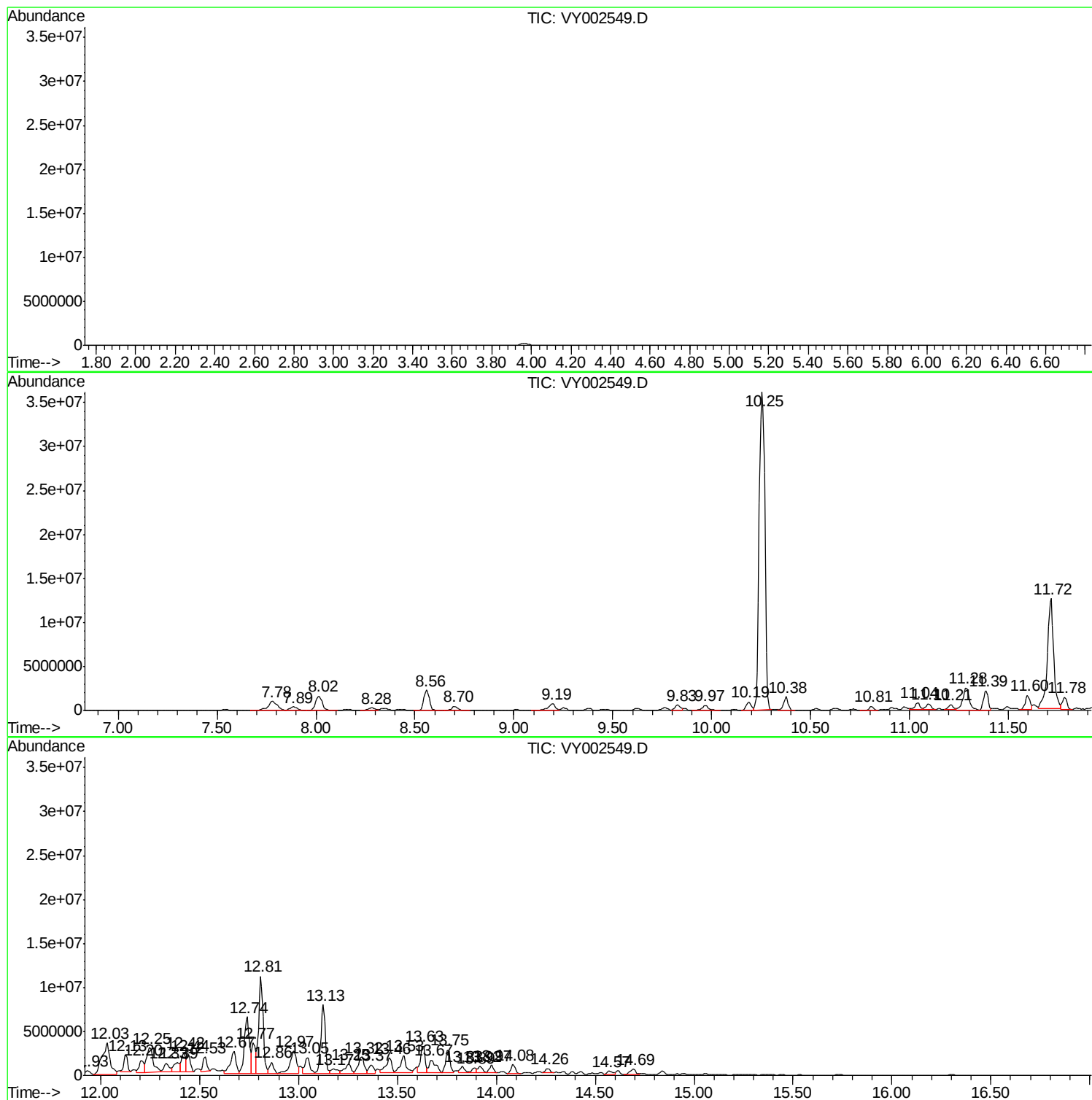
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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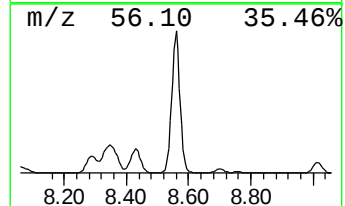
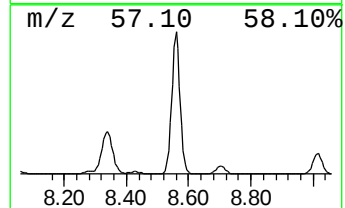
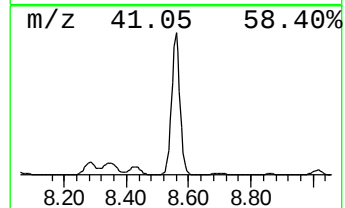
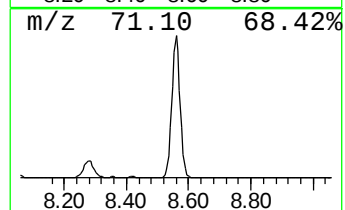
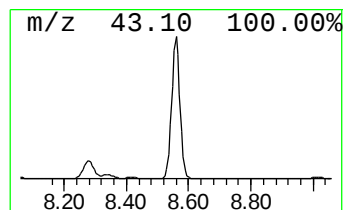
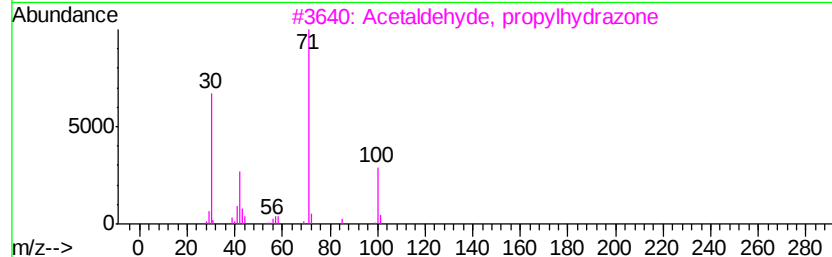
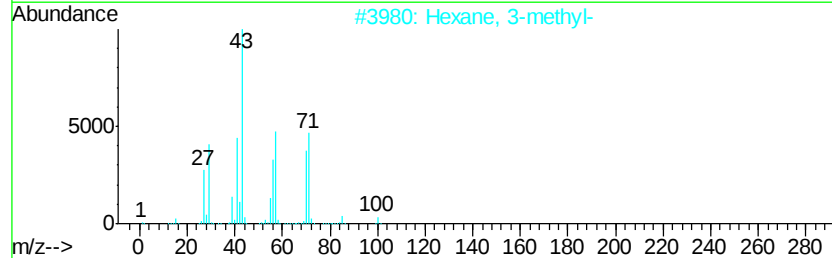
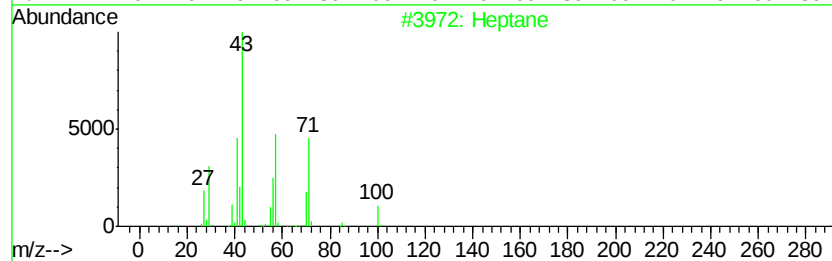
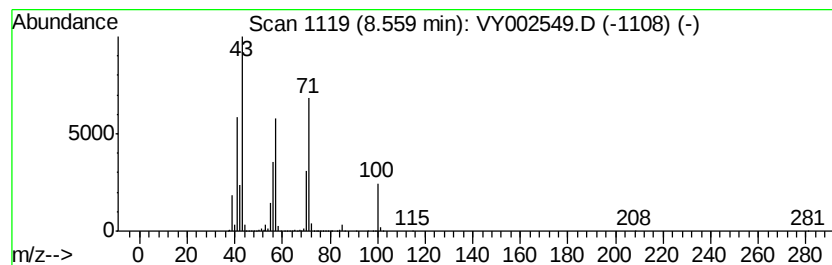
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	230.86 ug/l	4476970	1,4-Difluorobenzene	8.71

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	50
3	Acetaldehyde, propylhydrazine		100	C5H12N2	007422-88-0	49
4	Butane, 2,2-dimethyl-		86	C6H14	000075-83-2	47
5	3-Hexanone		100	C6H12O	000589-38-8	46



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ALS Vial : 22 Sample Multiplier: 1

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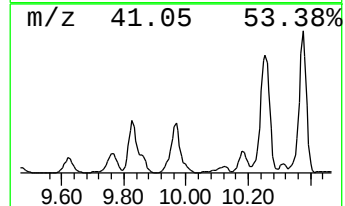
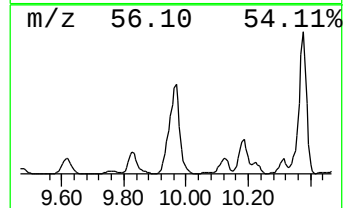
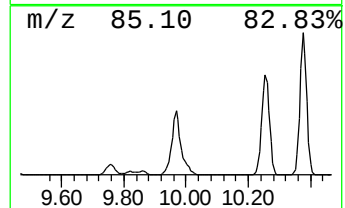
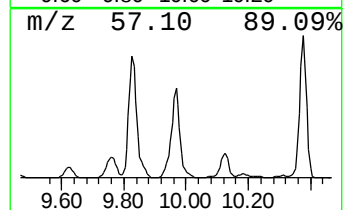
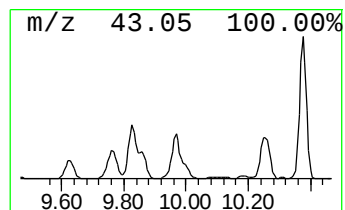
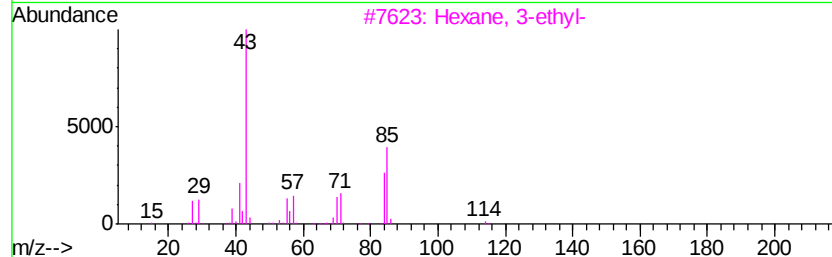
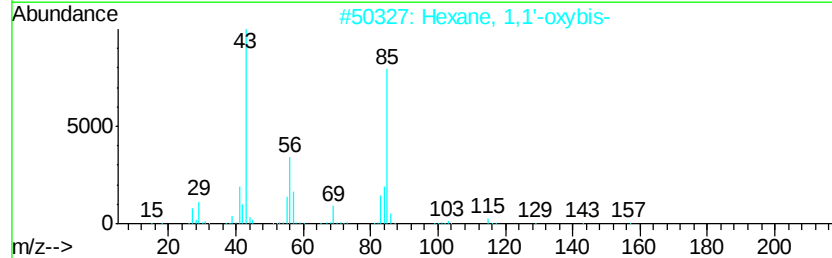
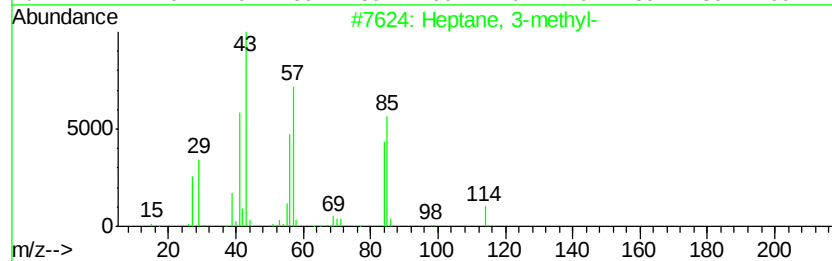
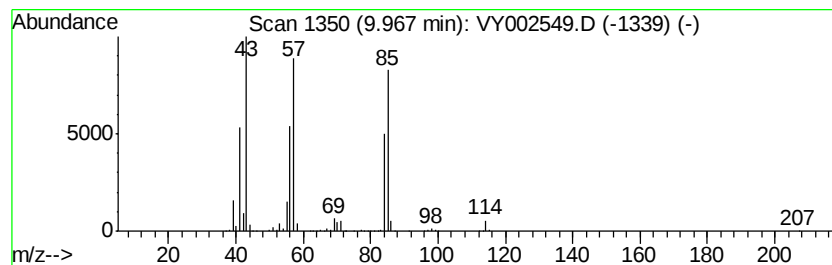
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	66.84 ug/l	1296170	1,4-Difluorobenzene	8.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5		Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	53



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Misc : 1.80G/5ML/MSVOA Y/SOIL
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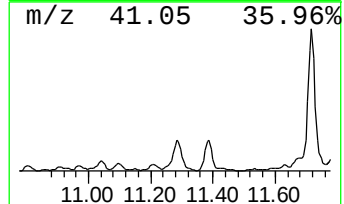
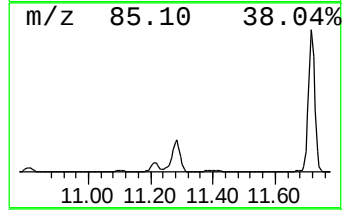
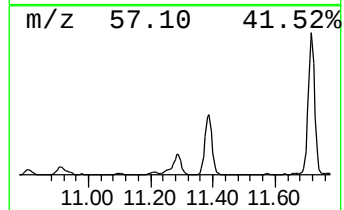
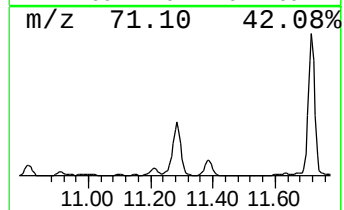
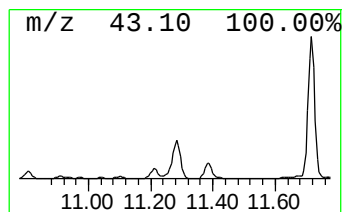
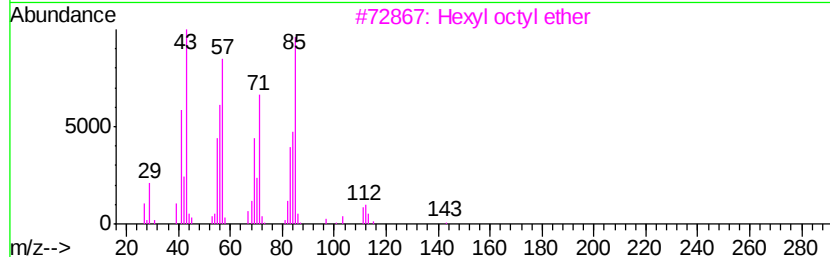
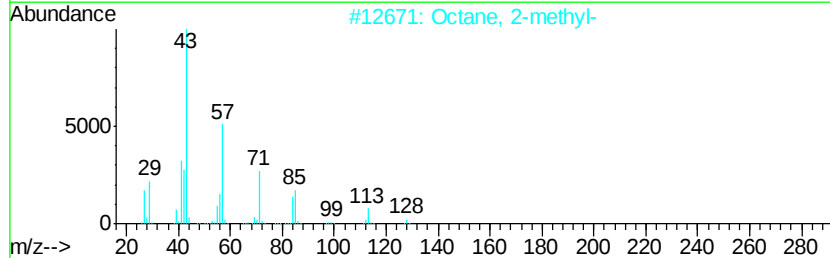
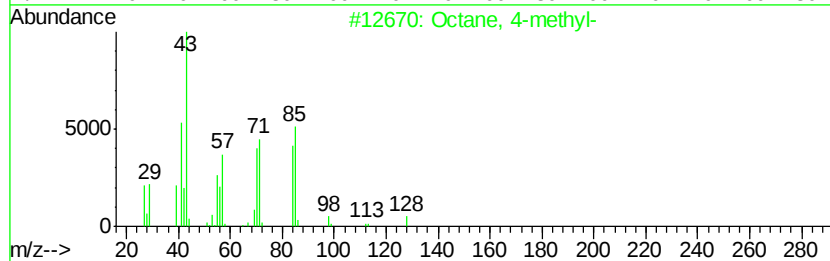
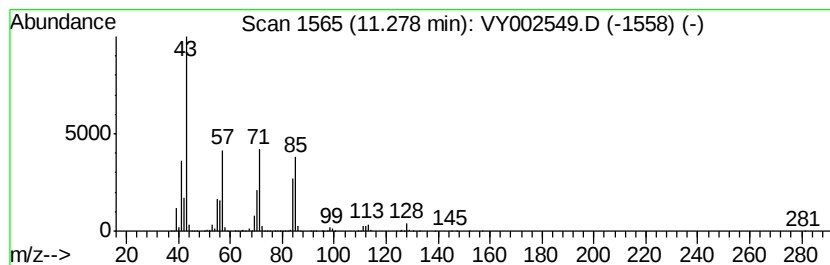
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Quant Title : SW846 8260

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

Peak Number 3 Octane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	108.27 ug/l	5830350	Chlorobenzene-d5	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	62
2		Octane, 2-methyl-	128	C9H20	003221-61-2	50
3		Hexyl octyl ether	214	C14H30O	017071-54-4	50
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
5		Ether, hexyl pentyl	172	C11H24O	032357-83-8	50



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Misc : 1.80G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

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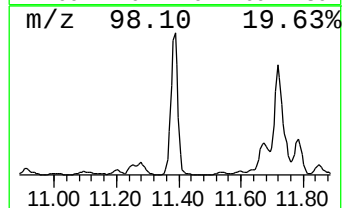
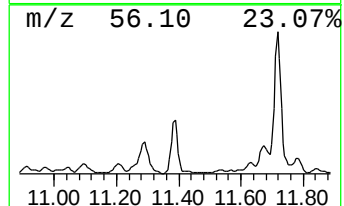
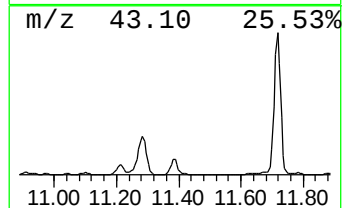
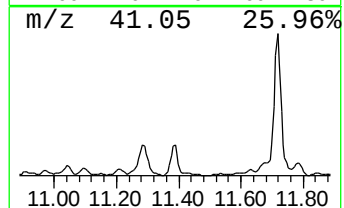
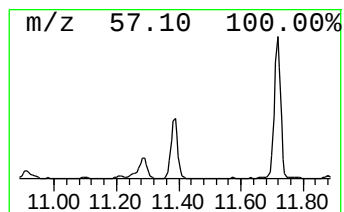
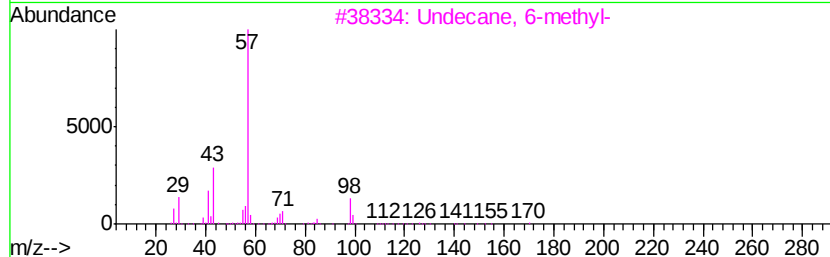
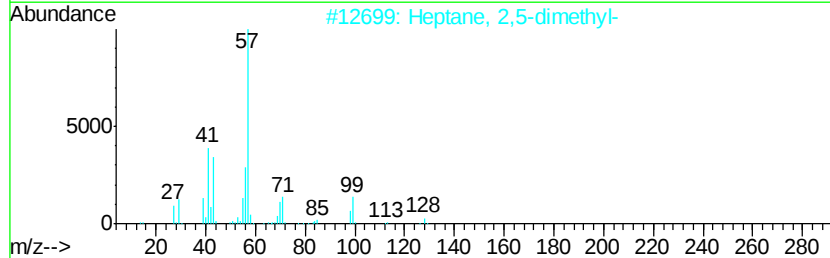
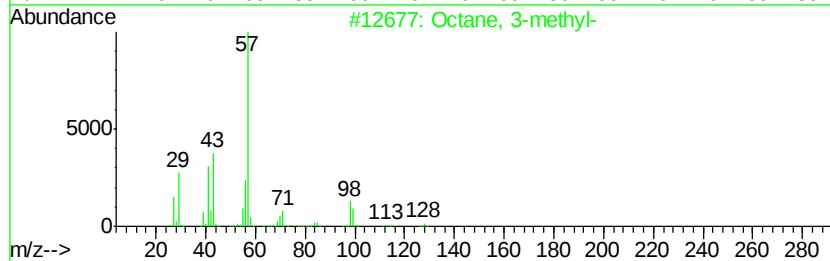
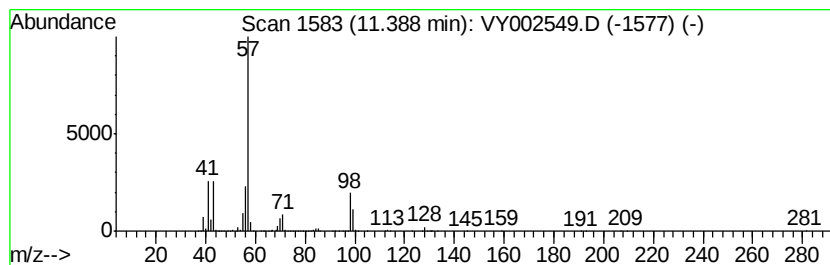
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Quant Title : SW846 8260

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

Peak Number 4 Octane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	65.23 ug/l	3512710	Chlorobenzene-d5	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	53



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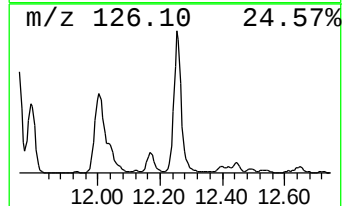
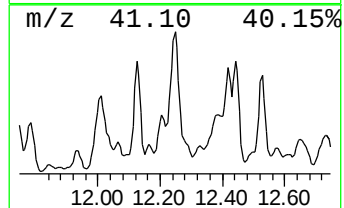
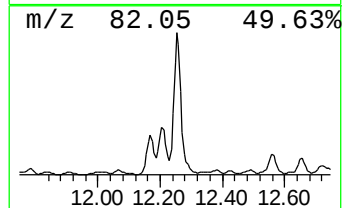
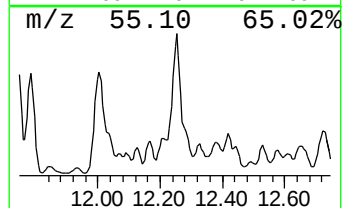
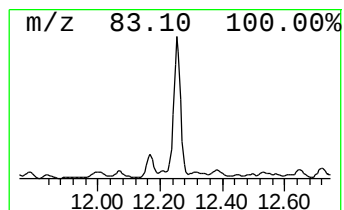
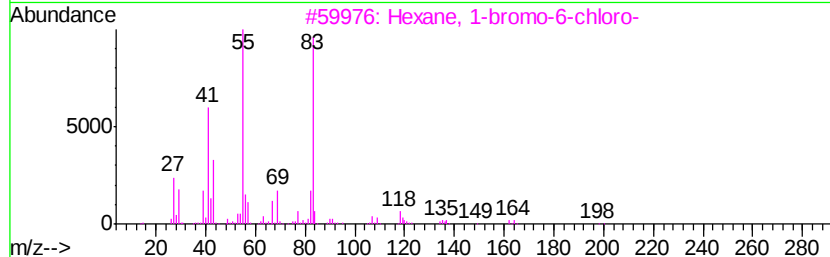
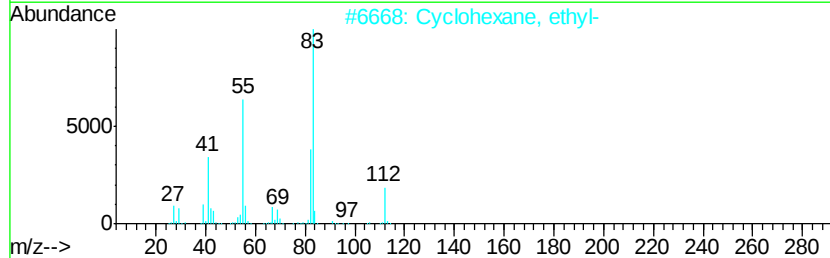
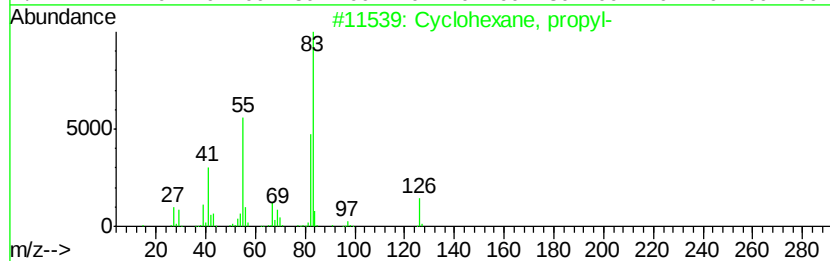
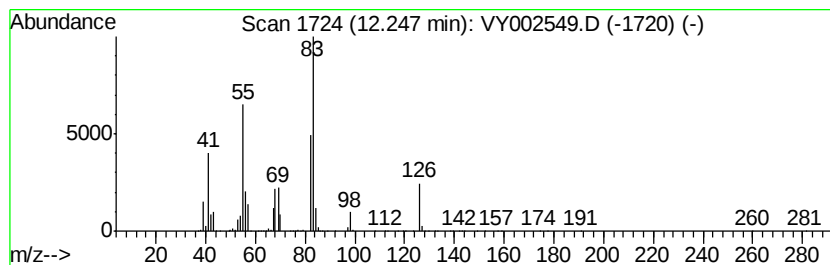
Instrument :
MSVOA_Y
ClientSampleId :
207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	115.01 ug/l	6192920	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
3		Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	47
4		Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	43
5		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002549.D
Acq On : 04 May 2020 18:17
Operator : SY/MD
Sample : L2456-01
Misc : 1.80G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

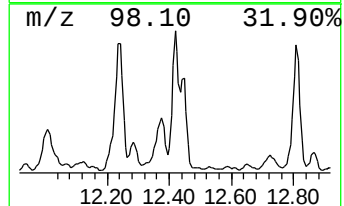
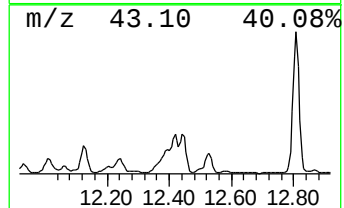
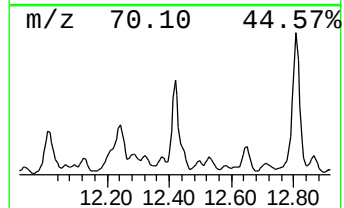
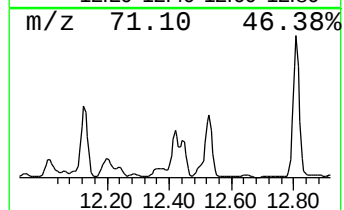
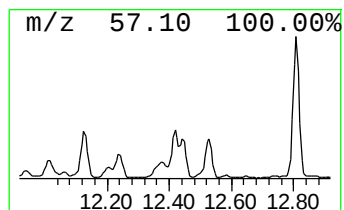
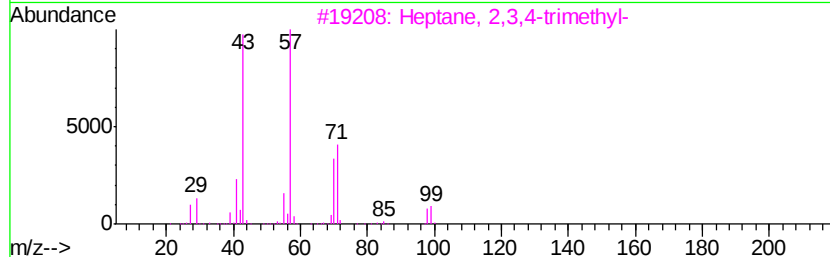
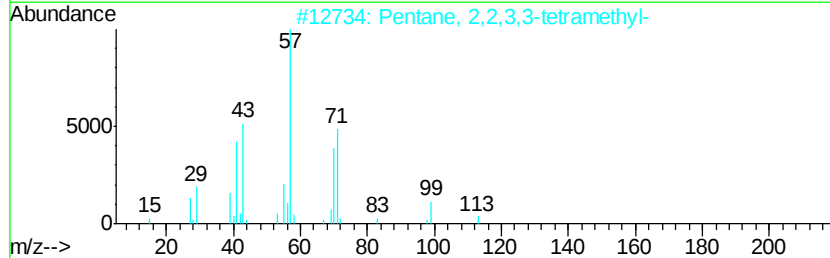
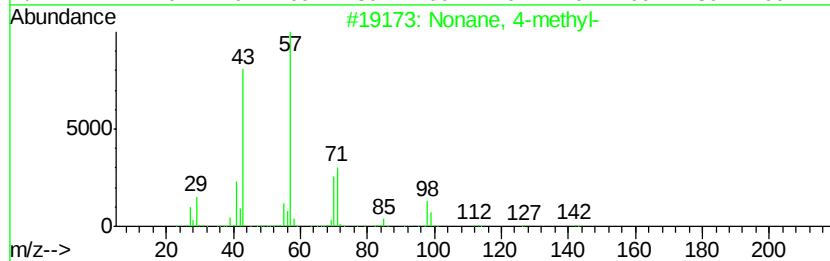
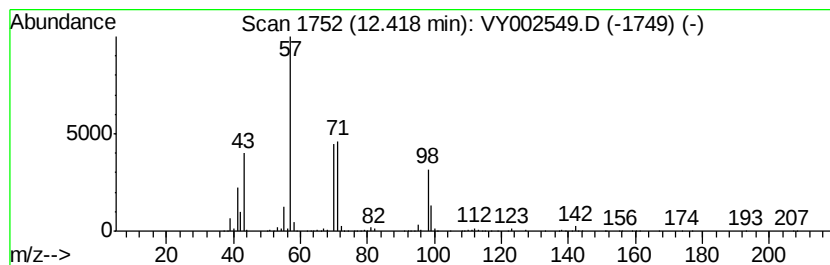
Instrument :
MSVOA_Y
ClientSampleId :
207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 6 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.42	56.61 ug/l	3048430	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	45
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	45
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002549.D
Acq On : 04 May 2020 18:17
Operator : SY/MD
Sample : L2456-01
Misc : 1.80G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
207

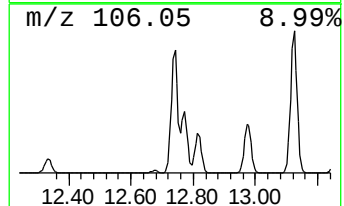
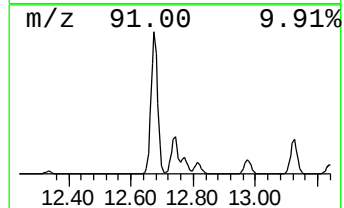
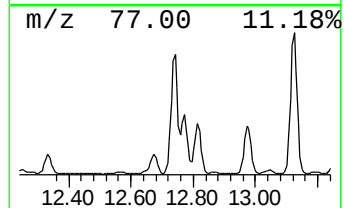
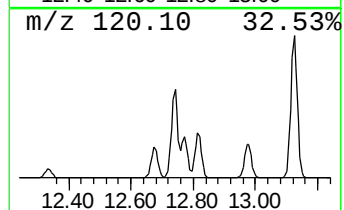
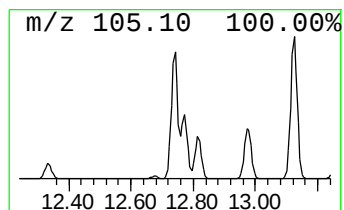
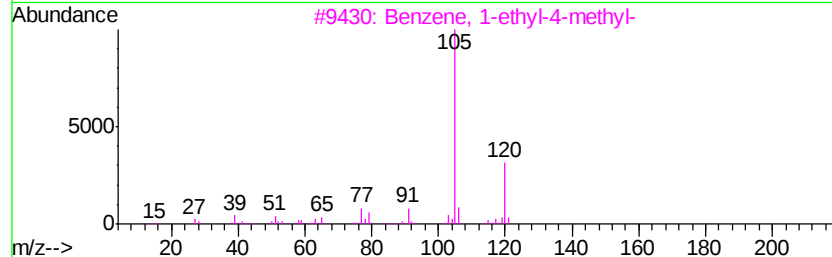
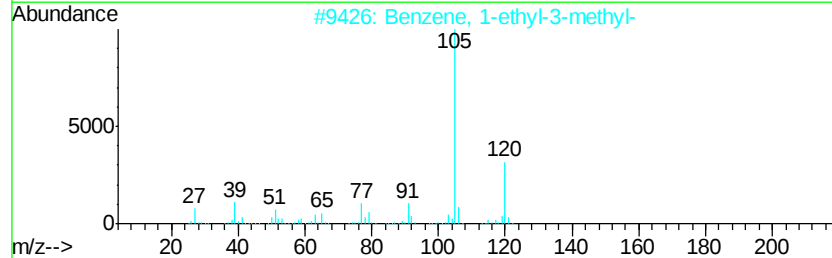
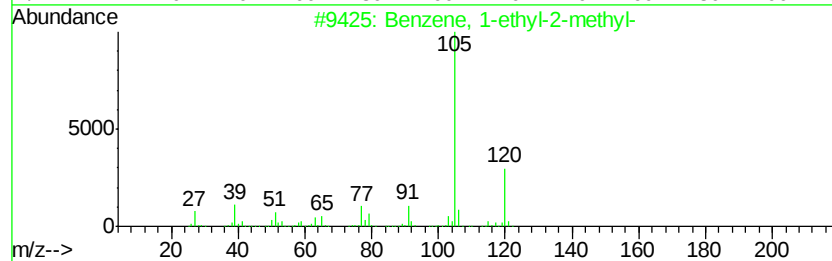
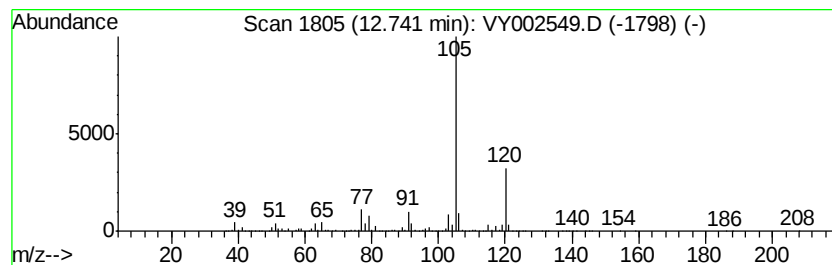
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	155.92 ug/l	11263600	1,4-Dichlorobenzene-d4	13.43

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002549.D
Acq On : 04 May 2020 18:17
Operator : SY/MD
Sample : L2456-01
Misc : 1.80G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
207

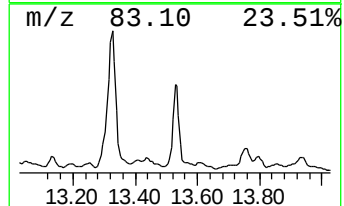
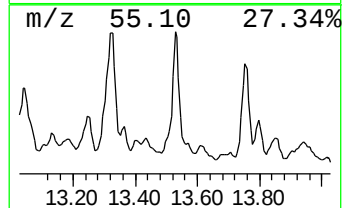
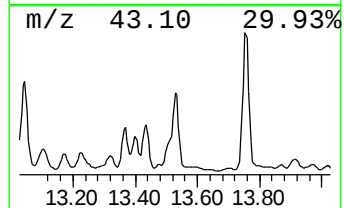
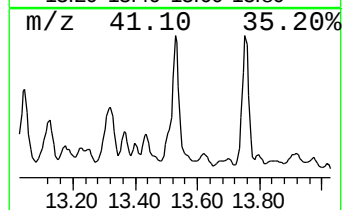
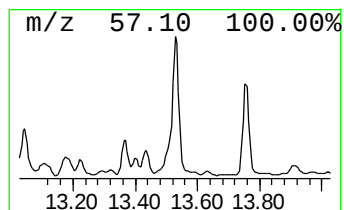
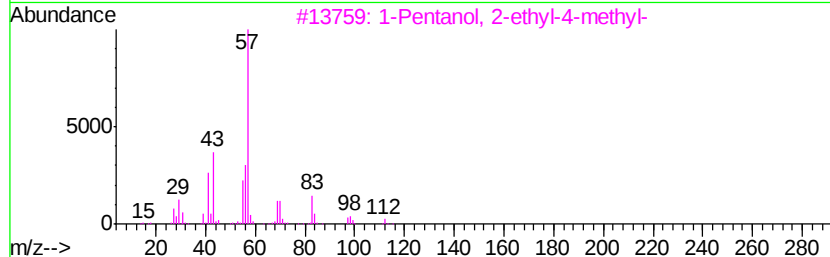
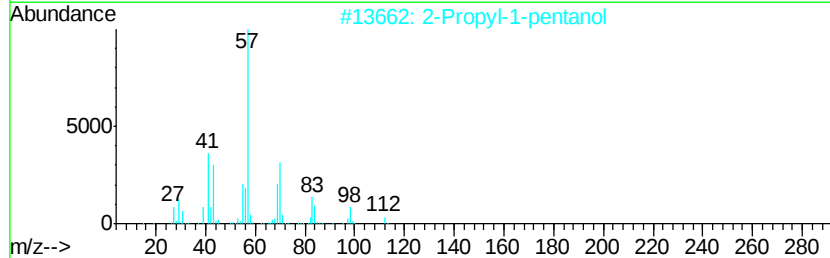
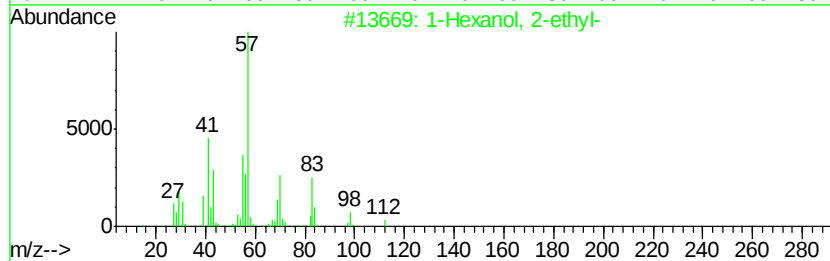
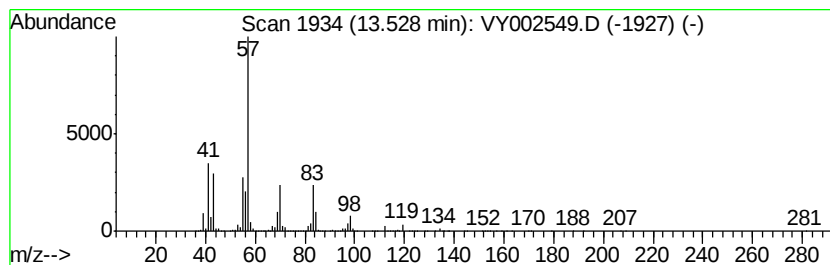
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	58.23 ug/l	4206370	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
5		Decanal	156	C10H20O	000112-31-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002549.D
Acq On : 04 May 2020 18:17
Operator : SY/MD
Sample : L2456-01
Misc : 1.80G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
207

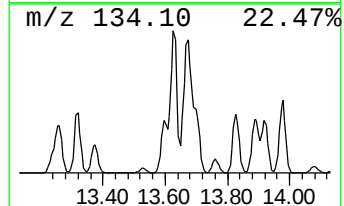
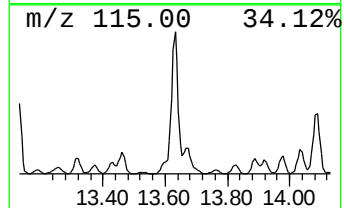
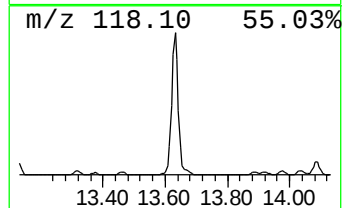
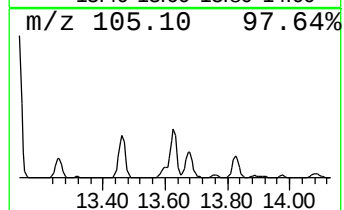
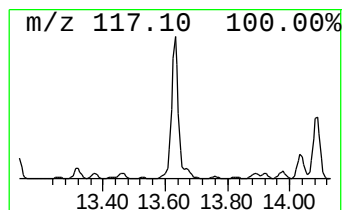
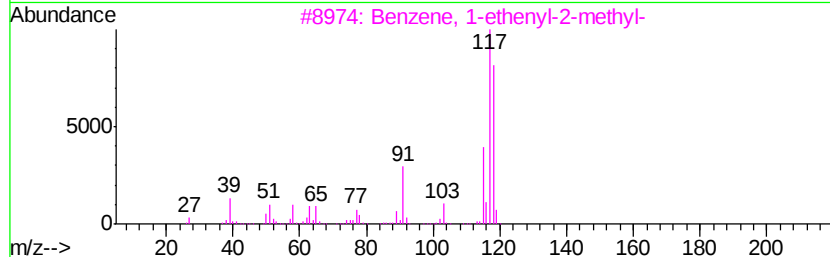
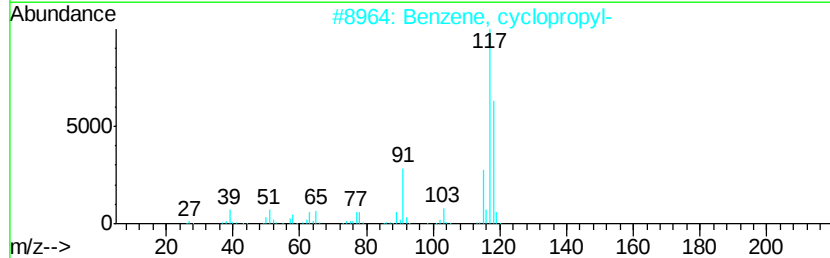
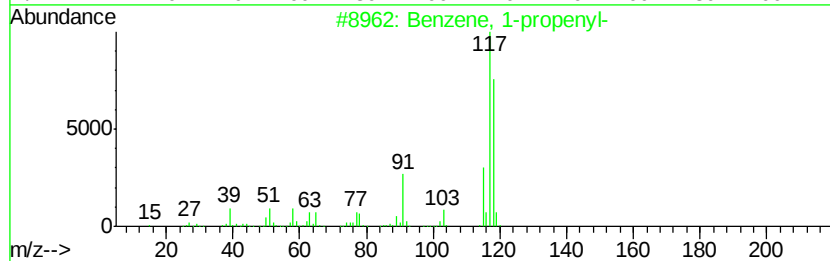
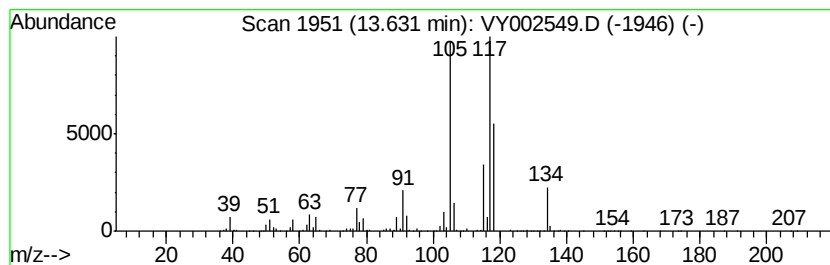
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	69.11 ug/l	4992400	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002549.D
Acq On : 04 May 2020 18:17
Operator : SY/MD
Sample : L2456-01
Misc : 1.80G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.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	8.56	230.9	ug/l	4476970	2	8.71	969637	50.0
Heptane, 3-methyl-	9.97	66.8	ug/l	1296170	2	8.71	969637	50.0
Octane, 4-methyl-	11.28	108.3	ug/l	5830350	3	11.50	2692420	50.0
Octane, 3-methyl-	11.39	65.2	ug/l	3512710	3	11.50	2692420	50.0
Cyclohexane, propyl-	12.25	115.0	ug/l	6192920	3	11.50	2692420	50.0
Nonane, 4-methyl-	12.42	56.6	ug/l	3048430	3	11.50	2692420	50.0
Benzene, 1-ethyl-...	12.74	155.9	ug/l	11263600	4	13.43	3612040	50.0
1-Hexanol, 2-ethyl-	13.53	58.2	ug/l	4206370	4	13.43	3612040	50.0
Benzene, 1-propenyl-	13.63	69.1	ug/l	4992400	4	13.43	3612040	50.0