

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001706.D
 Acq On : 19 Feb 2020 17:58
 Operator : SY/MD
 Sample : L1589-03
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB5-4.5-5.0

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\82Y021720S.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	4.749	482	494	505	rBV2	9870	32377	2.72%	0.265%
2	7.742	972	985	991	rBV	144771	350904	29.51%	2.877%
3	7.809	991	996	1006	rVB	262465	586349	49.31%	4.807%
4	8.163	1045	1054	1065	rVB	151763	339660	28.56%	2.785%
5	8.565	1113	1120	1129	rVB4	11409	22955	1.93%	0.188%
6	8.711	1134	1144	1153	rBV	415400	827289	69.57%	6.783%
7	9.199	1212	1224	1231	rBV2	22822	52773	4.44%	0.433%
8	9.833	1321	1328	1339	rVB2	21469	48263	4.06%	0.396%
9	9.973	1339	1351	1362	rBV2	14397	34436	2.90%	0.282%
10	10.193	1380	1387	1393	rBV	687091	1189203	100.00%	9.750%
11	10.254	1393	1397	1403	rVV	74013	134794	11.33%	1.105%
12	10.315	1403	1407	1410	rVV3	7684	13473	1.13%	0.110%
13	10.382	1410	1418	1424	rVB	86241	151017	12.70%	1.238%
14	10.534	1438	1443	1448	rVB2	9800	17985	1.51%	0.147%
15	10.632	1454	1459	1465	rVB4	10782	20578	1.73%	0.169%
16	10.815	1482	1489	1493	rBV	15683	25491	2.14%	0.209%
17	10.912	1501	1505	1511	rBV2	6437	12194	1.03%	0.100%
18	10.979	1511	1516	1519	rVV3	12430	20815	1.75%	0.171%
19	11.046	1519	1527	1532	rVV2	30804	61412	5.16%	0.503%
20	11.101	1532	1536	1542	rVB3	20275	38818	3.26%	0.318%
21	11.211	1549	1554	1559	rVB5	11993	21444	1.80%	0.176%
22	11.290	1559	1567	1578	rVB4	42002	98014	8.24%	0.804%
23	11.388	1578	1583	1588	rBV	37993	60917	5.12%	0.499%
24	11.504	1595	1602	1611	rVB	593431	978781	82.31%	8.025%
25	11.601	1611	1618	1626	rBV	66355	123724	10.40%	1.014%
26	11.717	1626	1637	1645	rVV2	269357	564020	47.43%	4.624%
27	11.790	1645	1649	1653	rVB3	20503	34794	2.93%	0.285%
28	12.040	1680	1690	1695	rBV2	74276	154858	13.02%	1.270%
29	12.095	1697	1699	1700	rVV2	15837	15411	1.30%	0.126%
30	12.132	1702	1705	1710	rVB2	29543	41462	3.49%	0.340%
31	12.253	1721	1725	1729	rVB3	26300	40991	3.45%	0.336%
32	12.339	1734	1739	1743	rBV	28660	43455	3.65%	0.356%
33	12.491	1759	1764	1769	rBV	474134	721425	60.66%	5.915%
34	12.680	1788	1795	1799	rBV	48693	88820	7.47%	0.728%

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Integration Parameters: RTEINT.P

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35	12.741	1799	1805	1808	rVV	129860	228457	19.21%	1.873%
36	12.778	1808	1811	1813	rVV	71050	109922	9.24%	0.901%
37	12.814	1813	1817	1823	rVV2	176230	282382	23.75%	2.315%
38	12.869	1823	1826	1831	rVB2	15020	22179	1.87%	0.182%
39	12.979	1837	1844	1849	rBV	57022	97742	8.22%	0.801%
40	13.046	1852	1855	1862	rVB	29219	44133	3.71%	0.362%
41	13.125	1862	1868	1873	rBV	118043	180636	15.19%	1.481%
42	13.259	1883	1890	1894	rBV	31668	55141	4.64%	0.452%
43	13.320	1894	1900	1904	rVV3	54607	98536	8.29%	0.808%
44	13.375	1904	1909	1912	rVV3	35356	73220	6.16%	0.600%
45	13.430	1912	1918	1927	rVV	623840	1025800	86.26%	8.410%
46	13.509	1928	1931	1936	rVB	15015	19406	1.63%	0.159%
47	13.601	1942	1946	1947	rBV2	12782	16436	1.38%	0.135%
48	13.631	1947	1951	1954	rVV2	76023	107551	9.04%	0.882%
49	13.674	1954	1958	1966	rVB4	49905	107400	9.03%	0.881%
50	13.759	1967	1972	1976	rBV	132780	190673	16.03%	1.563%
51	13.802	1976	1979	1980	rVV3	10335	12042	1.01%	0.099%
52	13.832	1980	1984	1988	rVV	26137	41746	3.51%	0.342%
53	13.893	1990	1994	1996	rVV	28003	42147	3.54%	0.346%
54	13.924	1996	1999	2003	rVB	34943	48418	4.07%	0.397%
55	13.973	2004	2007	2013	rVB2	48984	70612	5.94%	0.579%
56	14.028	2013	2016	2020	rBV3	7629	12978	1.09%	0.106%
57	14.089	2020	2026	2031	rBV2	69262	127032	10.68%	1.041%
58	14.217	2042	2047	2048	rBV4	12896	17153	1.44%	0.141%
59	14.259	2049	2054	2059	rVV7	32109	69073	5.81%	0.566%
60	14.345	2065	2068	2071	rVB	27372	35091	2.95%	0.288%
61	14.387	2071	2075	2078	rVB2	37681	48804	4.10%	0.400%
62	14.430	2078	2082	2085	rVB2	22772	29870	2.51%	0.245%
63	14.485	2088	2091	2094	rBV4	12735	17906	1.51%	0.147%
64	14.527	2095	2098	2101	rVV	18679	23336	1.96%	0.191%
65	14.570	2101	2105	2109	rVV3	35846	63942	5.38%	0.524%
66	14.619	2109	2113	2117	rVB	121979	168959	14.21%	1.385%
67	14.692	2117	2125	2129	rBV6	84276	208214	17.51%	1.707%
68	14.741	2129	2133	2139	rVB4	41951	82185	6.91%	0.674%
69	14.838	2145	2149	2153	rBV	43197	67757	5.70%	0.556%
70	14.893	2153	2158	2164	rVV4	41428	110752	9.31%	0.908%
71	14.948	2164	2167	2171	rVB4	21604	29241	2.46%	0.240%

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72	15.058	2180	2185	2190	rBV6	28631	65239	5.49%	0.535%
73	15.222	2206	2212	2213	rBV2	36224	60217	5.06%	0.494%
74	15.296	2221	2224	2229	rVB	39504	55555	4.67%	0.455%
75	15.357	2229	2234	2243	rVB9	25926	69473	5.84%	0.570%
76	15.442	2243	2248	2257	rVB2	94482	161416	13.57%	1.323%
77	15.533	2257	2263	2272	rBV7	30000	101685	8.55%	0.834%
78	15.735	2291	2296	2305	rVB3	82829	168719	14.19%	1.383%
79	15.826	2307	2311	2316	rVV7	11487	22835	1.92%	0.187%
80	15.887	2317	2321	2330	rVB5	16560	41236	3.47%	0.338%
81	16.039	2339	2346	2352	rBV6	45815	108859	9.15%	0.892%
82	16.167	2363	2367	2372	rBV5	10973	20084	1.69%	0.165%
83	16.234	2372	2378	2383	rVV2	52134	100235	8.43%	0.822%
84	16.295	2384	2388	2395	rVV2	40099	82024	6.90%	0.672%
85	16.369	2395	2400	2409	rVB	62556	114417	9.62%	0.938%
86	16.497	2415	2421	2426	rBV7	17759	46740	3.93%	0.383%
87	16.954	2491	2496	2501	rBV8	10955	22705	1.91%	0.186%

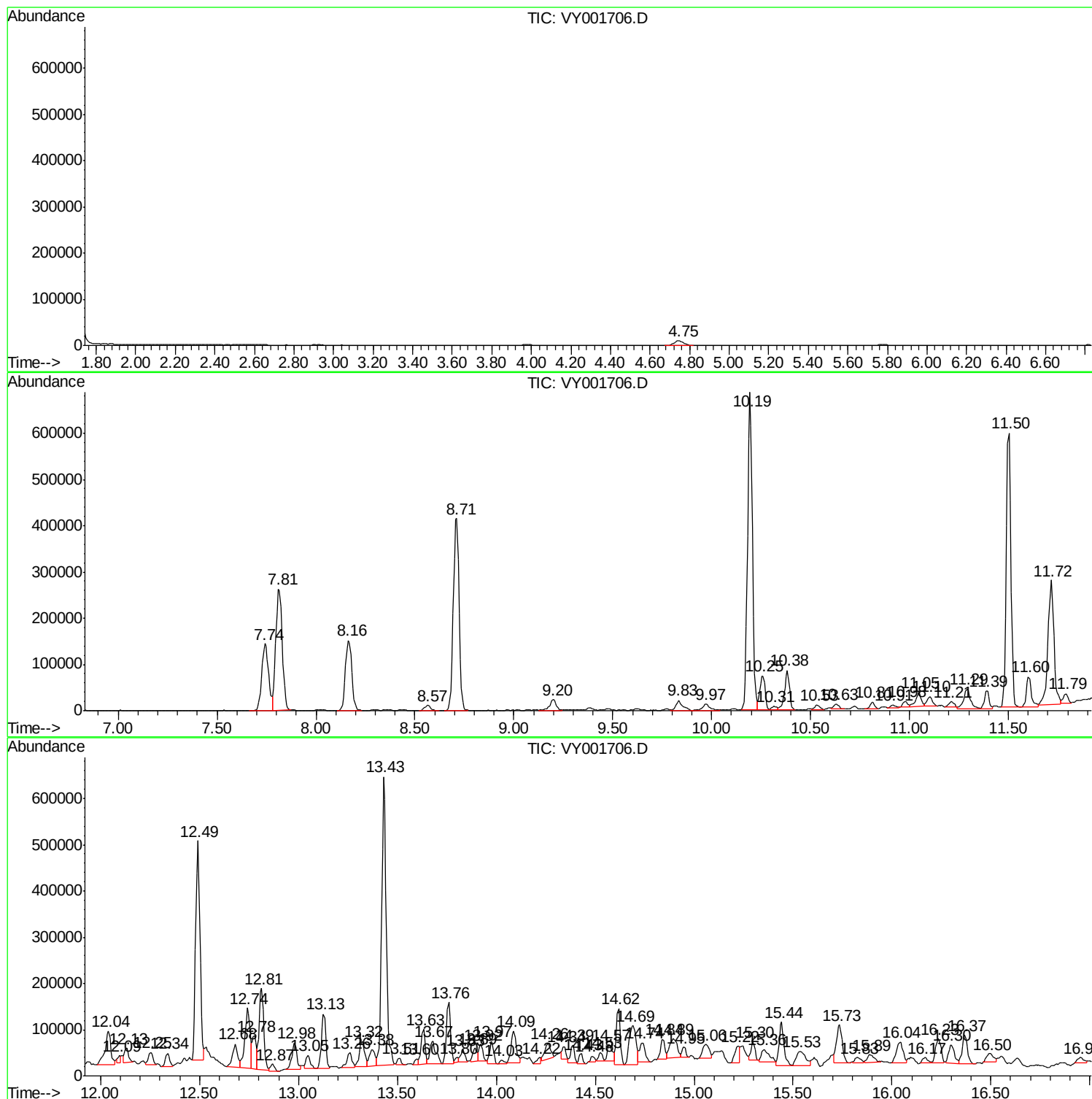
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Instrument :
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SB5-4.5-5.0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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



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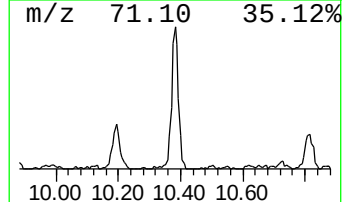
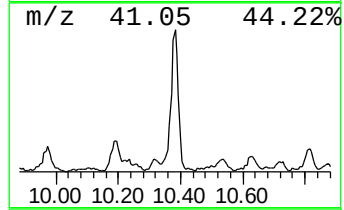
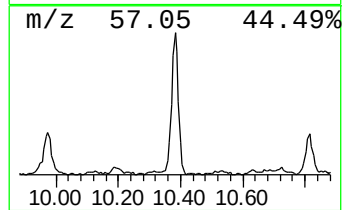
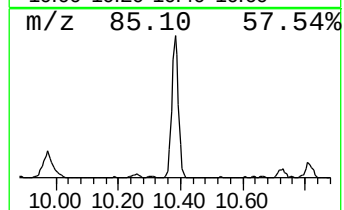
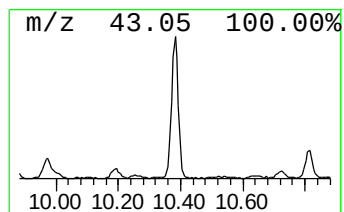
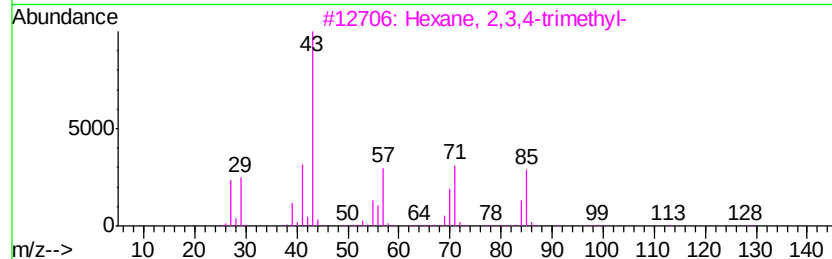
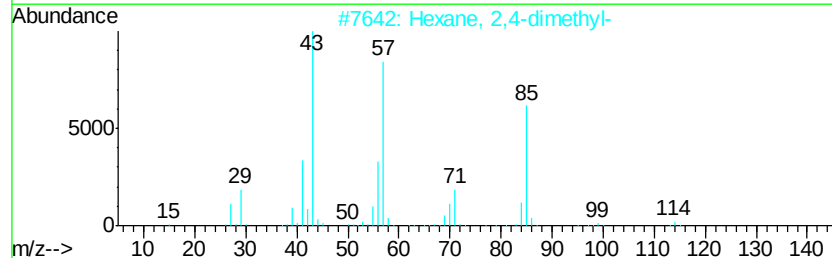
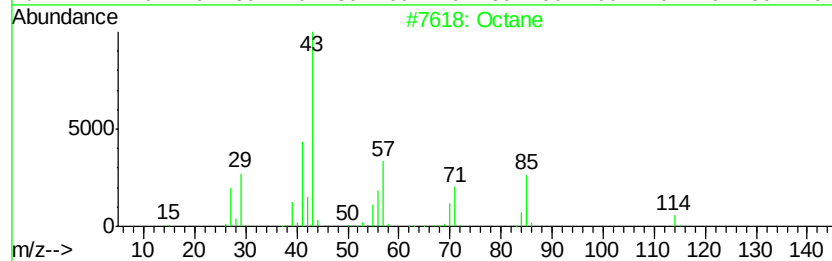
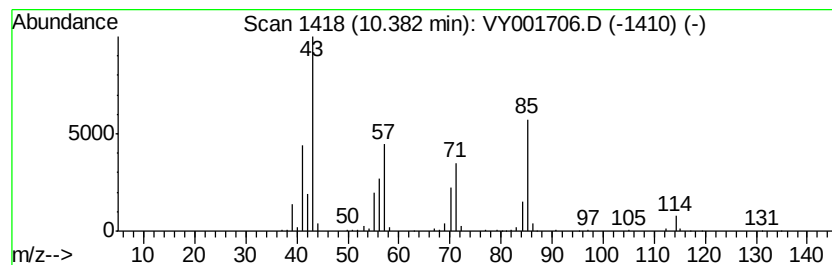
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.71 ug/l	151017	Chlorobenzene-d5	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	94
2	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	59
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	59
4	Hexane, 3-ethyl-		114	C8H18	000619-99-8	59
5	Nonane		128	C9H20	000111-84-2	59



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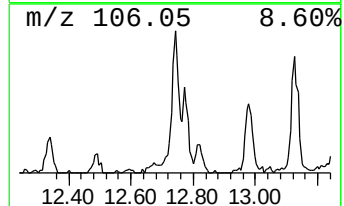
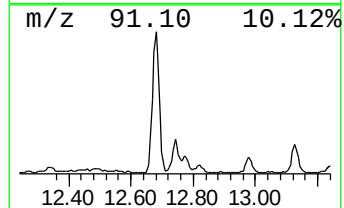
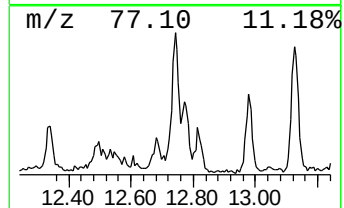
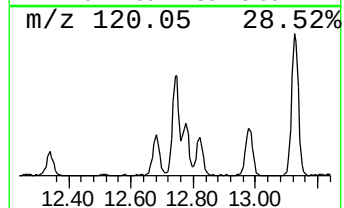
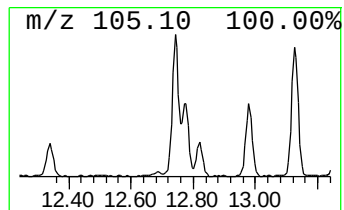
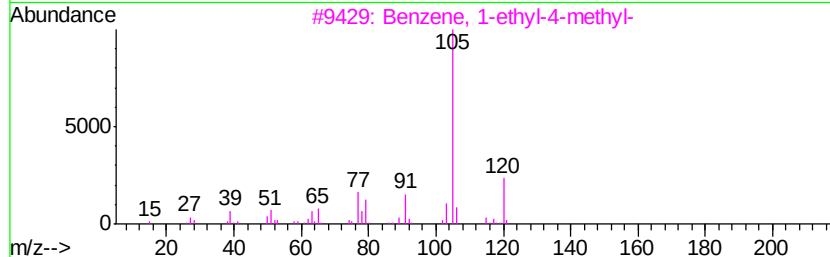
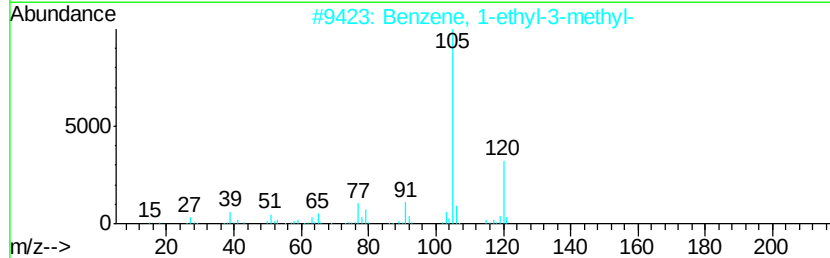
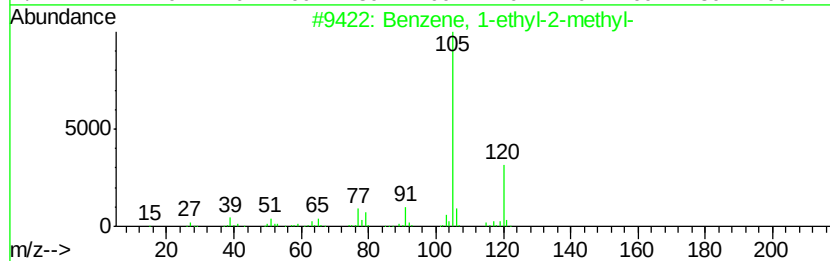
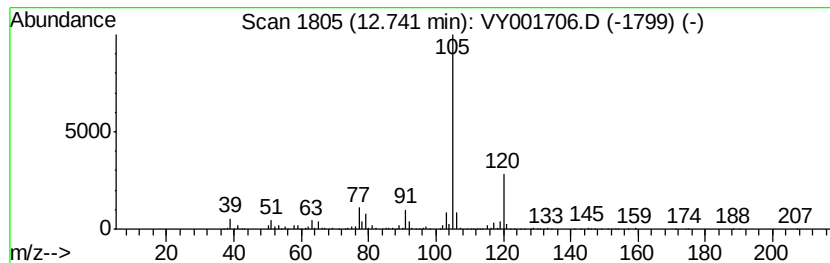
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	11.14 ug/l	228457	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	93
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Mesitylene	120	C9H12	000108-67-8	90



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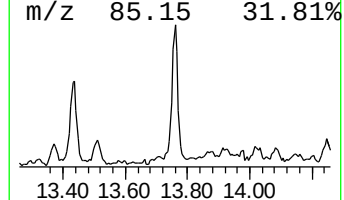
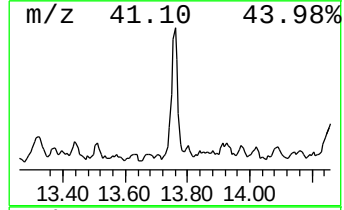
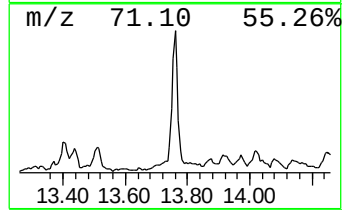
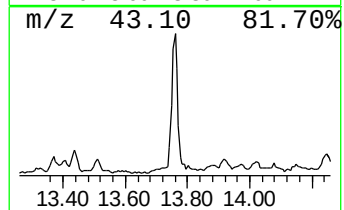
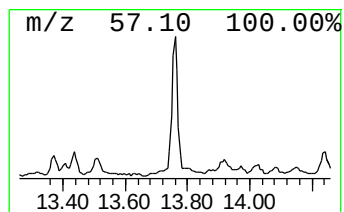
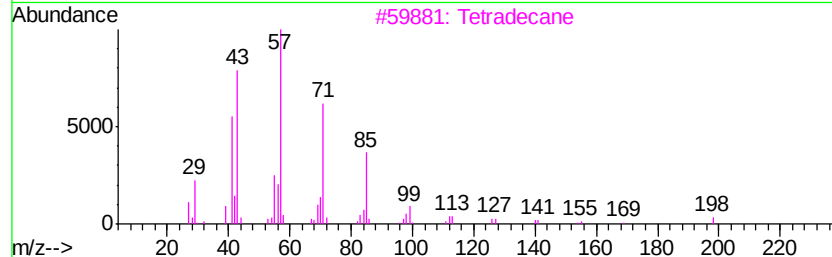
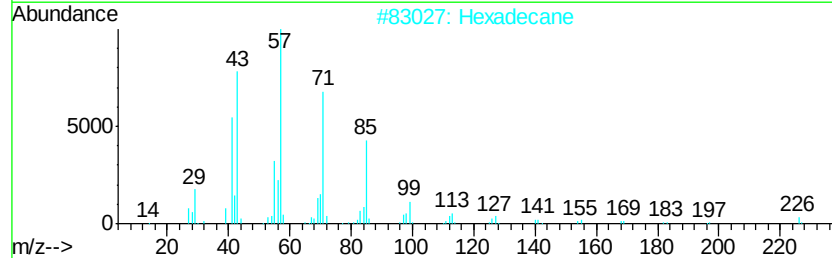
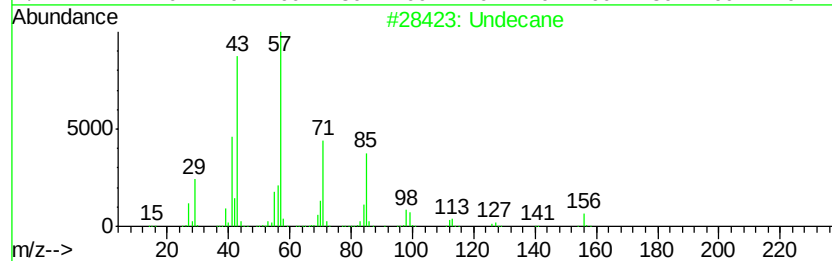
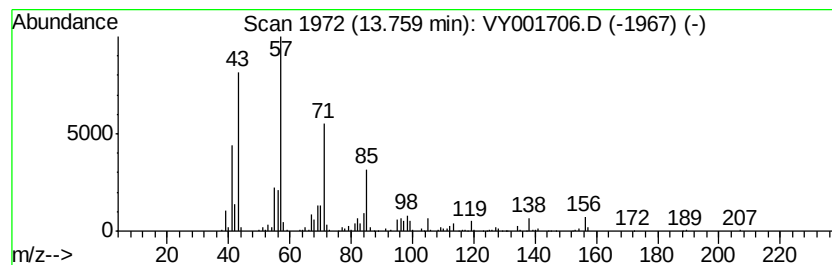
Instrument :
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ClientSampled :
SB5-4.5-5.0

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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	9.29 ug/l	190673	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	94
2	Hexadecane	226 C16H34	000544-76-3	80
3	Tetradecane	198 C14H30	000629-59-4	80
4	Tridecane	184 C13H28	000629-50-5	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	59



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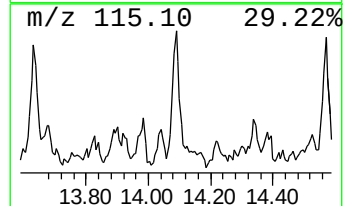
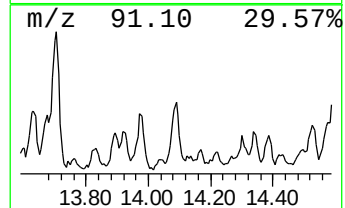
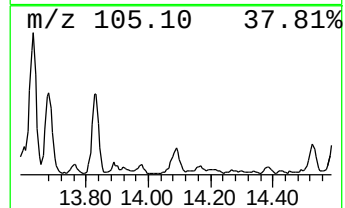
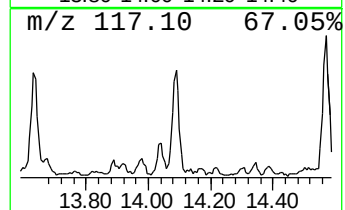
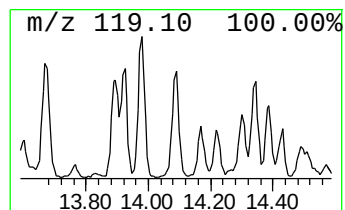
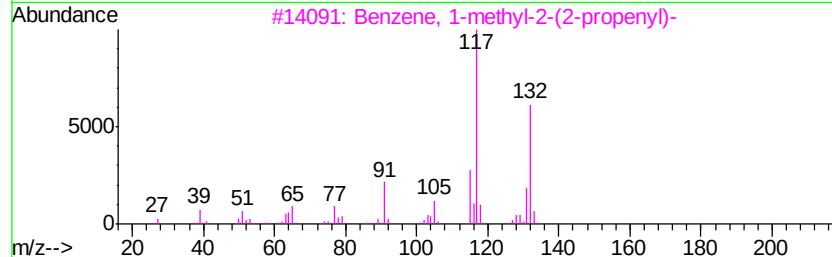
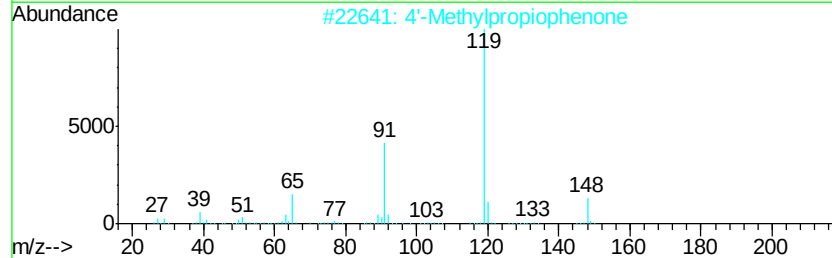
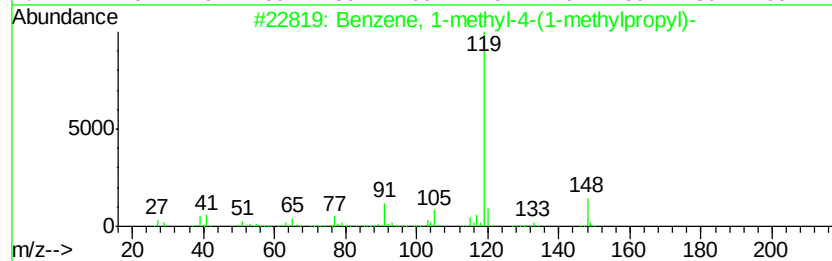
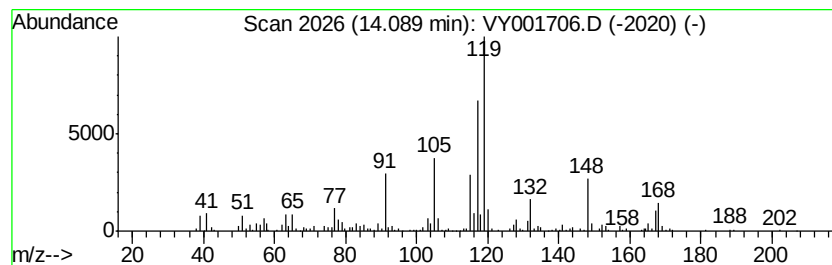
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MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.09	6.19 ug/l	127032	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	41
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

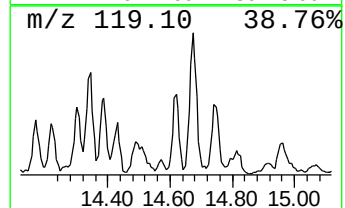
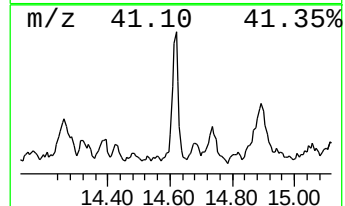
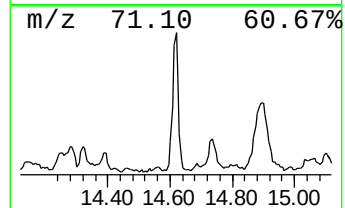
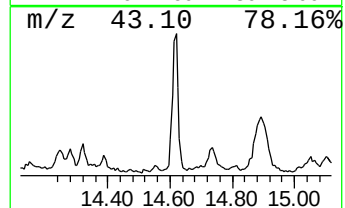
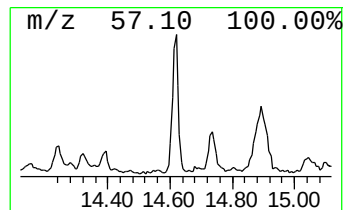
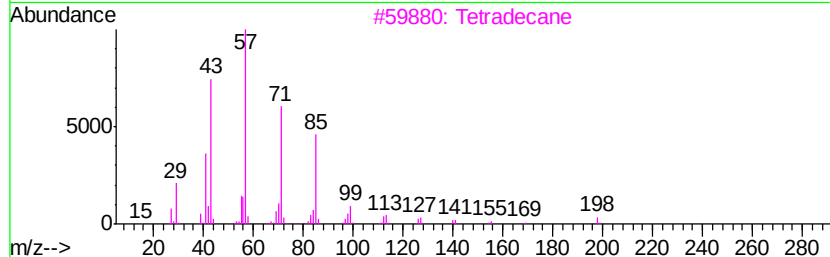
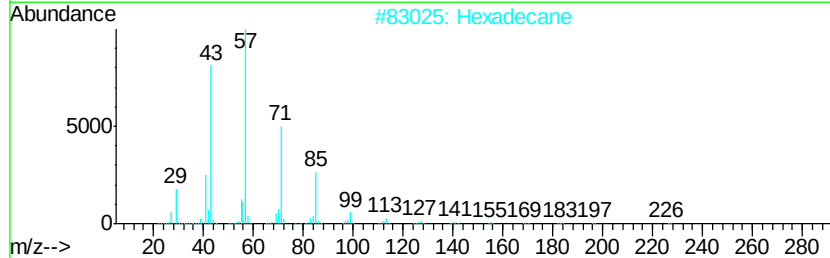
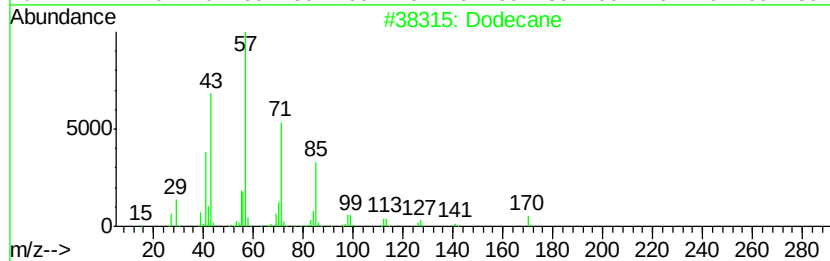
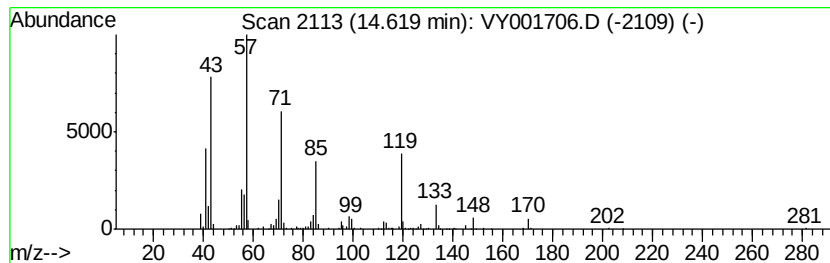
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.24 ug/l	168959	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	91
2	Hexadecane		226	C16H34	000544-76-3	46
3	Tetradecane		198	C14H30	000629-59-4	46
4	Tridecane		184	C13H28	000629-50-5	46
5	Bacchotricuneatin c		342	C20H22O5	066563-30-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

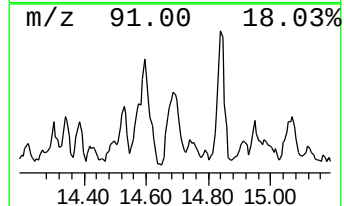
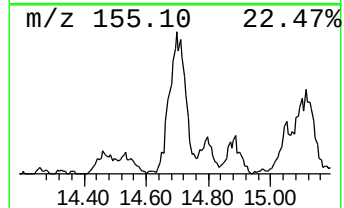
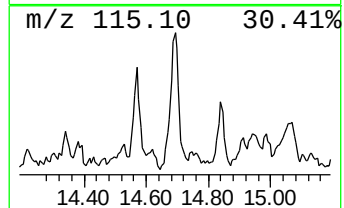
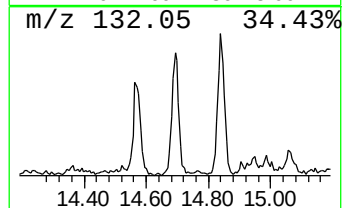
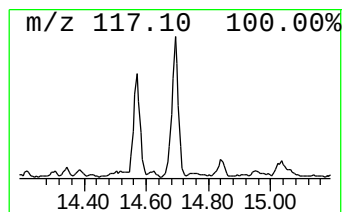
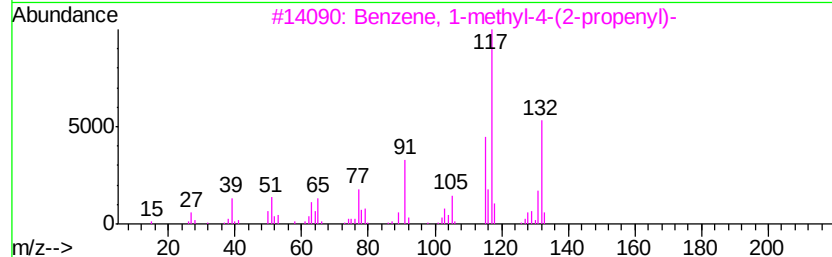
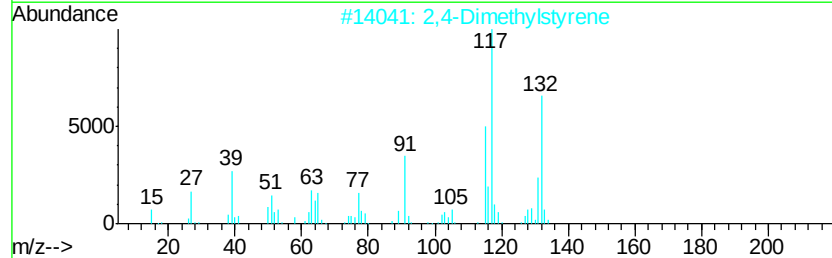
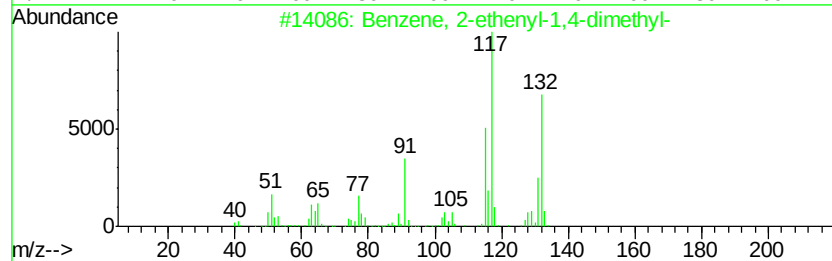
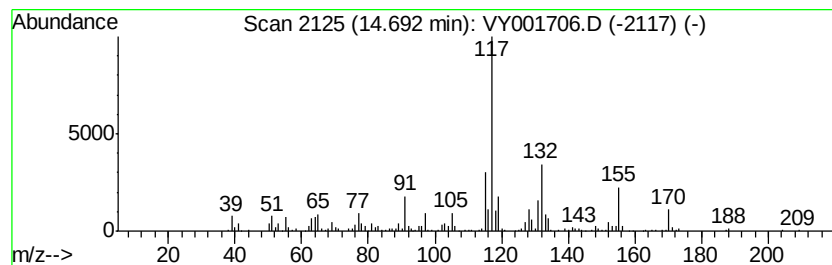
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	10.15 ug/l	208214	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

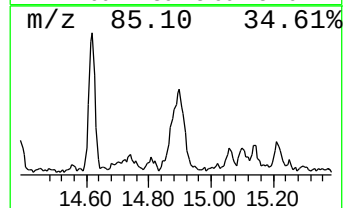
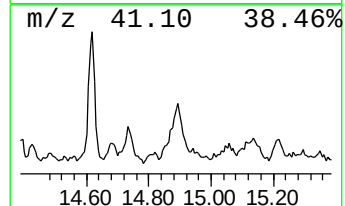
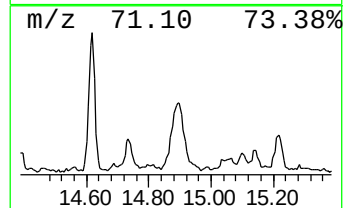
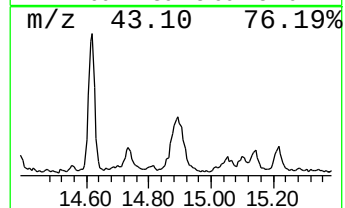
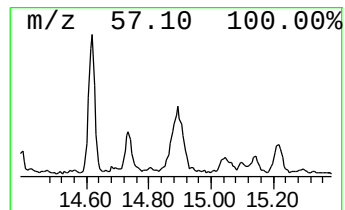
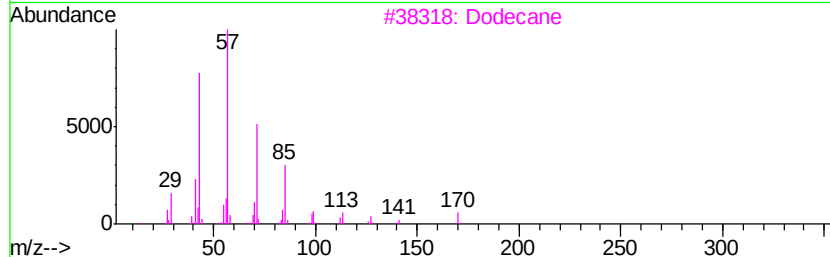
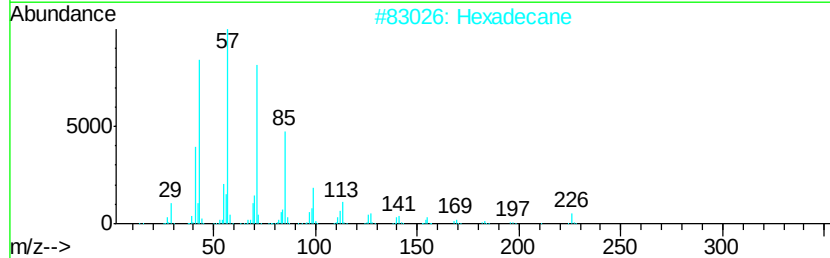
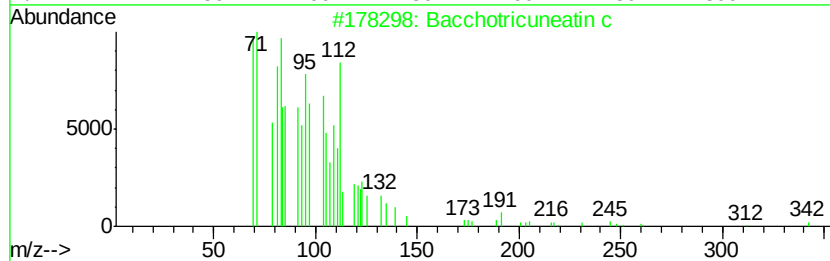
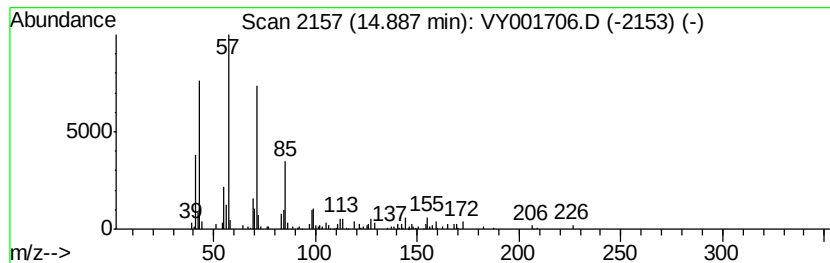
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Quant Title : SW846 8260

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.40 ug/l	110752	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Dodecane	170	C12H26	000112-40-3	80
4		Eicosane	282	C20H42	000112-95-8	64
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

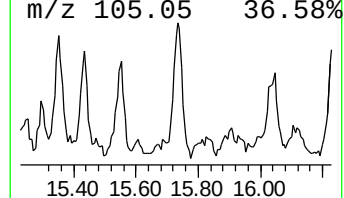
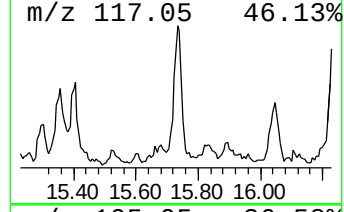
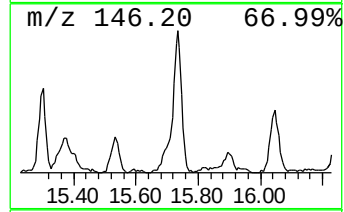
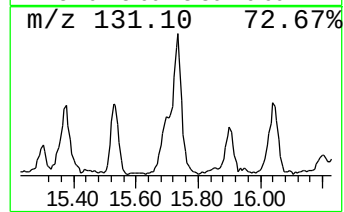
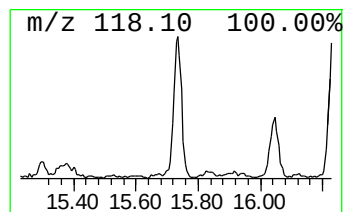
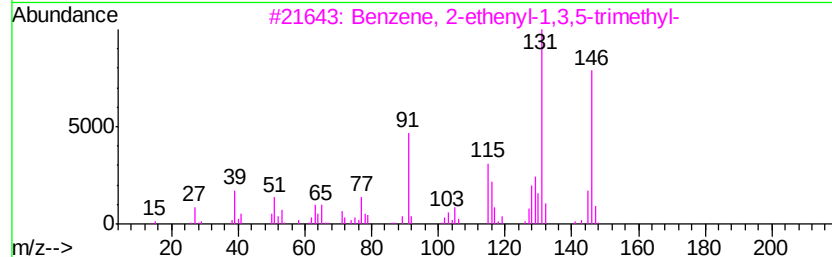
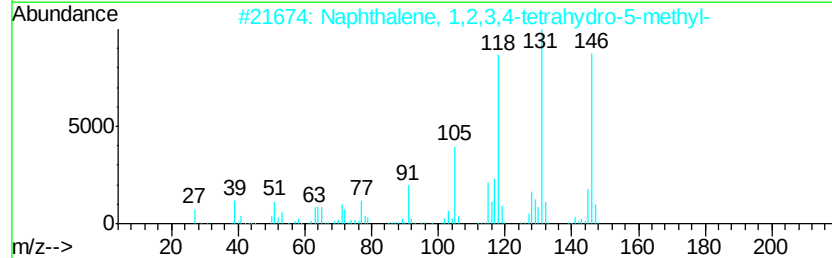
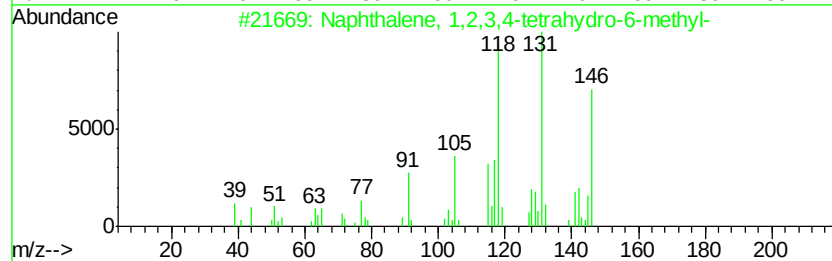
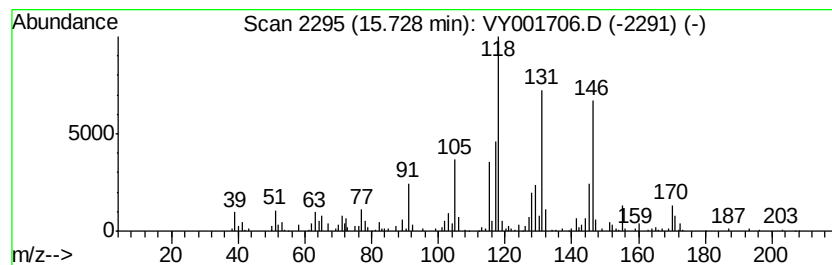
Instrument :
MSVOA_Y
ClientSampled :
SB5-4.5-5.0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.73	8.22 ug/l	168719	1,4-Dichlorobenzene-d4	13.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14		001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14		002809-64-5	81
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14		000769-25-5	50
4	Benzene, (1-methylenebutyl)-	146	C11H14		005676-32-4	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14		006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

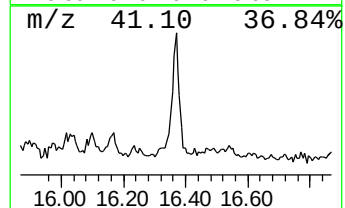
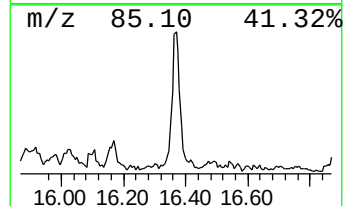
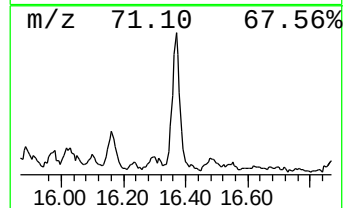
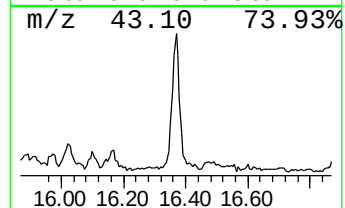
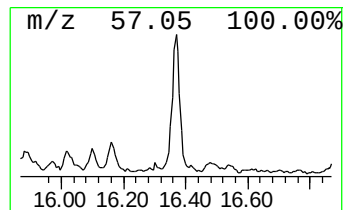
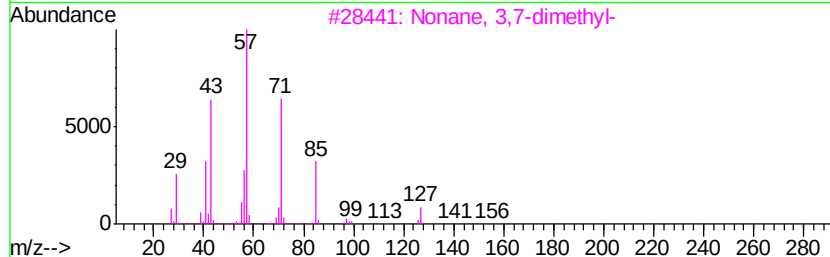
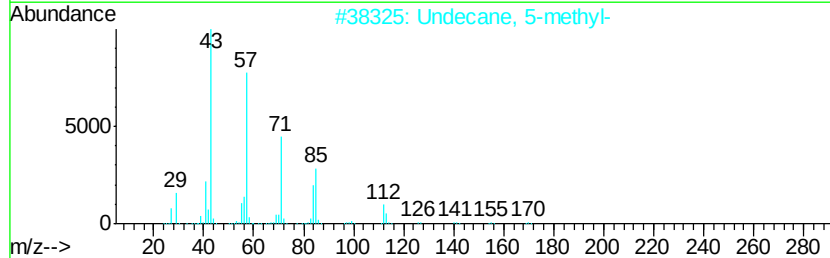
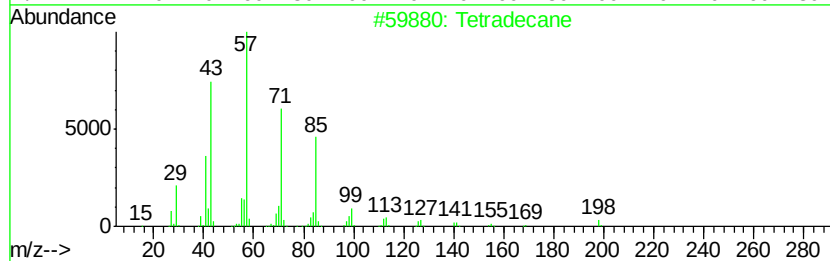
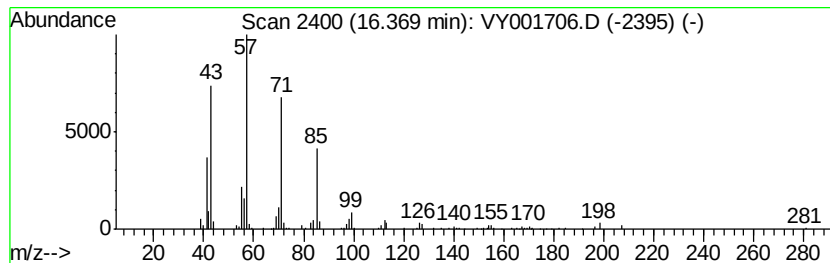
Instrument :
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ClientSampleId :
SB5-4.5-5.0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.37	5.58 ug/l	114417	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021920\
Data File : VY001706.D
Acq On : 19 Feb 2020 17:58
Operator : SY/MD
Sample : L1589-03
Misc : 6.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB5-4.5-5.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.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
Octane	10.38	7.7	ug/l	151017	3	11.50	978781	50.0
Benzene, 1-ethyl-...	12.74	11.1	ug/l	228457	4	13.43	1025800	50.0
Undecane	13.76	9.3	ug/l	190673	4	13.43	1025800	50.0
unknown14.09	14.09	6.2	ug/l	127032	4	13.43	1025800	50.0
Dodecane	14.62	8.2	ug/l	168959	4	13.43	1025800	50.0
Benzene, 2-etheny...	14.69	10.2	ug/l	208214	4	13.43	1025800	50.0
Bacchotricuneatin c	14.89	5.4	ug/l	110752	4	13.43	1025800	50.0
Naphthalene, 1,2,...	15.73	8.2	ug/l	168719	4	13.43	1025800	50.0
Tetradecane	16.37	5.6	ug/l	114417	4	13.43	1025800	50.0