

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064446.D
 Acq On : 05 Dec 2019 19:55
 Operator : VA/SY
 Sample : K6177-10
 Misc : 7.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-8

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_D\METHOD\82D112719S.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	7.920	1010	1020	1025	rBV	452730	1148239	1.49%	0.115%
2	7.979	1025	1030	1039	rVB	894296	2040561	2.64%	0.204%
3	8.338	1081	1091	1102	rBV	363184	831785	1.08%	0.083%
4	8.867	1172	1181	1193	rBV	1207376	2423888	3.14%	0.242%
5	9.356	1249	1264	1270	rBV	382775	889549	1.15%	0.089%
6	9.979	1364	1370	1383	rVB2	386435	966417	1.25%	0.097%
7	10.114	1383	1393	1406	rBV	392527	896285	1.16%	0.089%
8	10.338	1424	1431	1438	rBV	2227701	4397154	5.70%	0.439%
9	10.403	1438	1442	1448	rVB	402678	780562	1.01%	0.078%
10	10.520	1455	1462	1470	rVB	1216808	2249334	2.91%	0.225%
11	11.191	1568	1576	1581	rBV	716217	1284020	1.66%	0.128%
12	11.244	1581	1585	1591	rVB	840888	1460146	1.89%	0.146%
13	11.355	1599	1604	1608	rBV2	587485	986135	1.28%	0.098%
14	11.432	1608	1617	1628	rVB4	2036100	4974530	6.44%	0.497%
15	11.532	1628	1634	1639	rBV	1644969	2691494	3.49%	0.269%
16	11.644	1647	1653	1663	rBV	1573747	2950327	3.82%	0.295%
17	11.744	1663	1670	1675	rVV	1375833	2605250	3.38%	0.260%
18	11.855	1679	1689	1699	rVV3	12828915	26675339	34.56%	2.664%
19	11.932	1699	1702	1708	rVB2	944264	1564157	2.03%	0.156%
20	12.079	1720	1727	1732	rVB3	552107	1055519	1.37%	0.105%
21	12.185	1732	1745	1752	rBV2	4884225	12584730	16.30%	1.257%
22	12.273	1752	1760	1764	rVB	2192919	3673053	4.76%	0.367%
23	12.361	1769	1775	1776	rVV2	1950212	3491931	4.52%	0.349%
24	12.391	1776	1780	1791	rVV5	2912717	8141682	10.55%	0.813%
25	12.485	1791	1796	1799	rVV3	1024256	2394472	3.10%	0.239%
26	12.561	1800	1809	1811	rVV4	3395412	8469714	10.97%	0.846%
27	12.591	1811	1814	1818	rVV	3700652	5261372	6.82%	0.525%
28	12.638	1818	1822	1825	rVV	1807306	3018798	3.91%	0.301%
29	12.673	1825	1828	1833	rVV	3249612	4558182	5.91%	0.455%
30	12.726	1833	1837	1841	rVV3	623313	1178080	1.53%	0.118%
31	12.802	1845	1850	1858	rVB2	2246883	5880433	7.62%	0.587%
32	12.885	1858	1864	1868	rBV	9494280	16613752	21.52%	1.659%
33	12.955	1868	1876	1883	rVV2	33196115	61396574	79.54%	6.131%
34	13.014	1883	1886	1891	rVB3	2385109	3632504	4.71%	0.363%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.126	1896	1905	1912	rBV2	4593956	14267493	18.48%	1.425%
36	13.191	1912	1916	1922	rVB	7552349	11306042	14.65%	1.129%
37	13.273	1923	1930	1935	rBV	17522074	28860268	37.39%	2.882%
38	13.320	1935	1938	1942	rVB	1734237	2195198	2.84%	0.219%
39	13.373	1942	1947	1950	rBV2	1713870	2973364	3.85%	0.297%
40	13.402	1950	1952	1956	rVB2	1917620	2460602	3.19%	0.246%
41	13.473	1956	1964	1968	rBV4	8020392	16044629	20.79%	1.602%
42	13.514	1968	1971	1974	rBV2	4820705	6025852	7.81%	0.602%
43	13.549	1974	1977	1979	rBV	1961669	1716173	2.22%	0.171%
44	13.585	1979	1983	1985	rBV	5644087	7300271	9.46%	0.729%
45	13.614	1985	1988	1992	rVB	6499769	8479521	10.99%	0.847%
46	13.655	1992	1995	2001	rVB	6247688	8026409	10.40%	0.801%
47	13.749	2002	2011	2012	rBV5	2539386	5625297	7.29%	0.562%
48	13.779	2012	2016	2020	rBV2	8042246	11213590	14.53%	1.120%
49	13.820	2020	2023	2032	rVB3	8029988	15474878	20.05%	1.545%
50	13.908	2032	2038	2043	rBV	52241977	77189949	100.00%	7.708%
51	13.949	2043	2045	2047	rBV2	992050	1060465	1.37%	0.106%
52	13.979	2047	2050	2053	rVB	1854090	2041425	2.64%	0.204%
53	14.044	2057	2061	2062	rBV	3933917	4566679	5.92%	0.456%
54	14.067	2063	2065	2070	rVB2	6724933	9277302	12.02%	0.926%
55	14.126	2071	2075	2079	rVB	8888792	12370754	16.03%	1.235%
56	14.167	2079	2082	2088	rVB2	3162341	5620680	7.28%	0.561%
57	14.238	2088	2094	2099	rVB2	10662462	17332655	22.45%	1.731%
58	14.296	2099	2104	2111	rBV6	3401824	7197795	9.32%	0.719%
59	14.391	2111	2120	2121	rBV4	7914328	16617268	21.53%	1.659%
60	14.426	2122	2126	2129	rVB4	7311201	9485901	12.29%	0.947%
61	14.461	2129	2132	2135	rBV2	5276320	6059874	7.85%	0.605%
62	14.532	2141	2144	2148	rBV	10347816	13347626	17.29%	1.333%
63	14.579	2148	2152	2158	rVB4	6741790	10450294	13.54%	1.044%
64	14.638	2159	2162	2165	rBV4	1478199	2293255	2.97%	0.229%
65	14.679	2165	2169	2173	rBV	4579518	6042040	7.83%	0.603%
66	14.726	2173	2177	2178	rBV	5440441	6788947	8.80%	0.678%
67	14.761	2179	2183	2189	rVB2	51059131	76359835	98.92%	7.625%
68	14.838	2189	2196	2201	rBV4	16030709	39767583	51.52%	3.971%
69	14.885	2201	2204	2211	rVB2	13137806	24118670	31.25%	2.408%
70	14.996	2219	2223	2230	rVB	7623935	13997340	18.13%	1.398%
71	15.067	2232	2235	2237	rBV3	2069331	2779326	3.60%	0.278%

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72	15.108	2237	2242	2246	rVV3	7016090	11256223	14.58%	1.124%
73	15.220	2254	2261	2266	rBV5	8518226	21043620	27.26%	2.101%
74	15.302	2271	2275	2282	rVB6	8718388	18666650	24.18%	1.864%
75	15.379	2282	2288	2292	rBV	13234252	24255309	31.42%	2.422%
76	15.473	2298	2304	2308	rBV	7898252	14005337	18.14%	1.399%
77	15.526	2308	2313	2316	rBV2	6029745	10800432	13.99%	1.078%
78	15.614	2323	2328	2337	rVB2	26279270	47255188	61.22%	4.719%
79	15.714	2337	2345	2352	rBV5	7240324	19740536	25.57%	1.971%
80	15.791	2354	2358	2364	rVB4	3888471	7208692	9.34%	0.720%
81	15.926	2376	2381	2389	rVB	13625734	26079356	33.79%	2.604%
82	16.090	2403	2409	2425	rVB4	4467324	16577170	21.48%	1.655%
83	16.243	2426	2435	2440	rBV2	7232003	17650952	22.87%	1.763%
84	16.361	2452	2455	2460	rVB3	1135827	1619402	2.10%	0.162%
85	16.443	2462	2469	2475	rVV	9476305	21083769	27.31%	2.105%
86	16.514	2475	2481	2487	rVV	7744747	16683268	21.61%	1.666%
87	16.573	2487	2491	2497	rVB	2973601	5041648	6.53%	0.503%
88	16.720	2508	2516	2522	rBV4	4605998	12569456	16.28%	1.255%

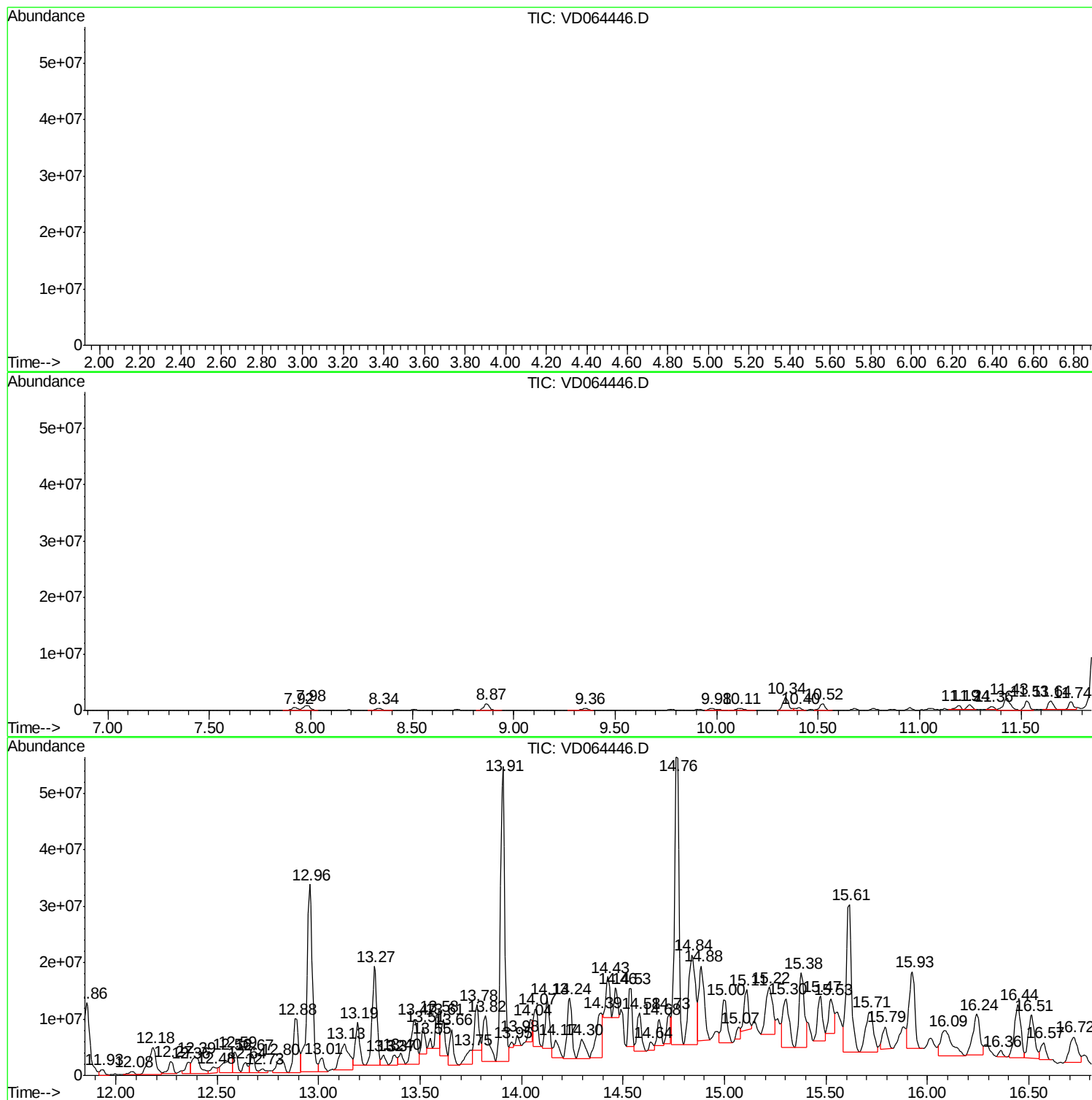
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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



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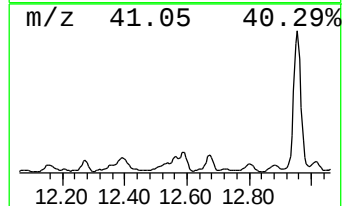
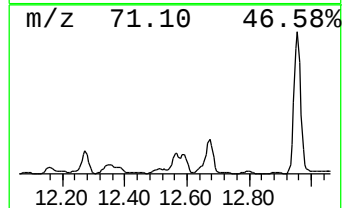
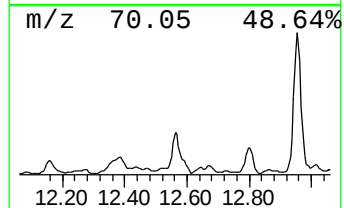
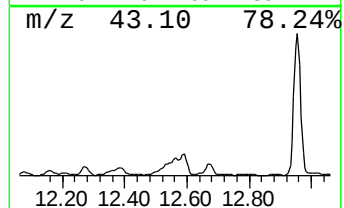
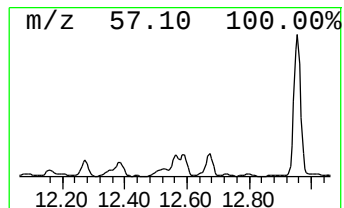
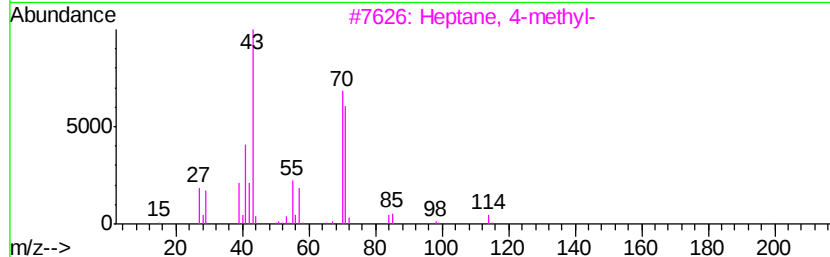
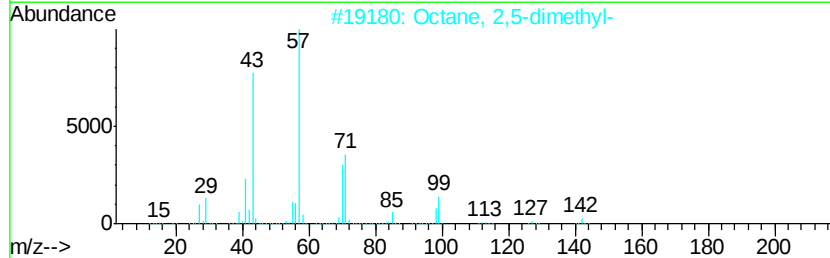
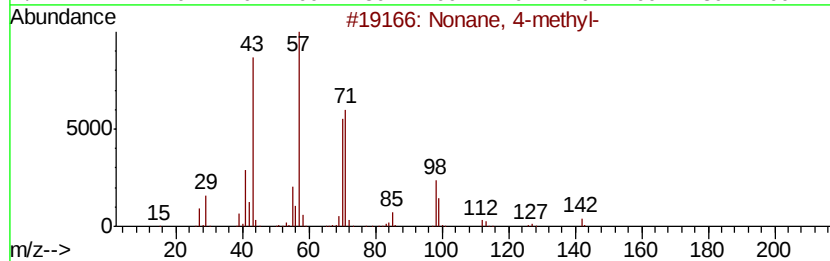
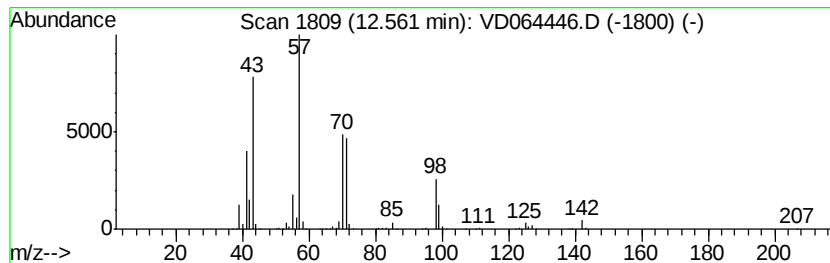
Instrument :
MSVOA_D
ClientSampleId :
EP-8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.56	143.54 ug/l	8469710	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91	
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64	
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	53	
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53	
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53	



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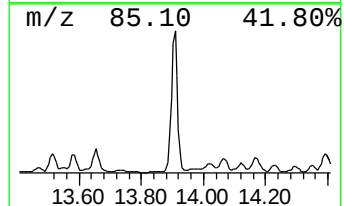
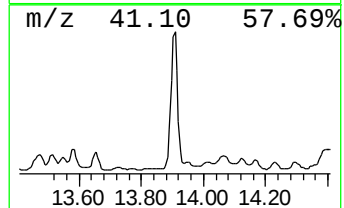
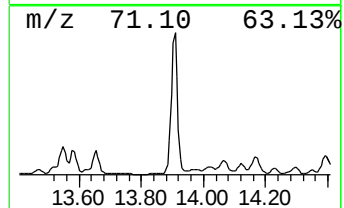
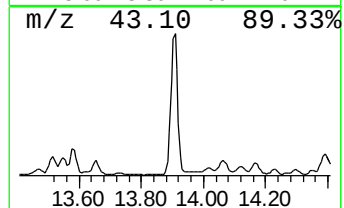
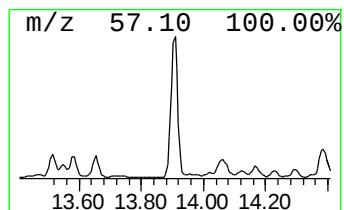
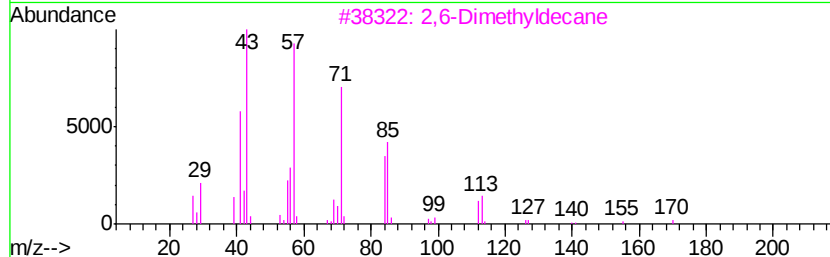
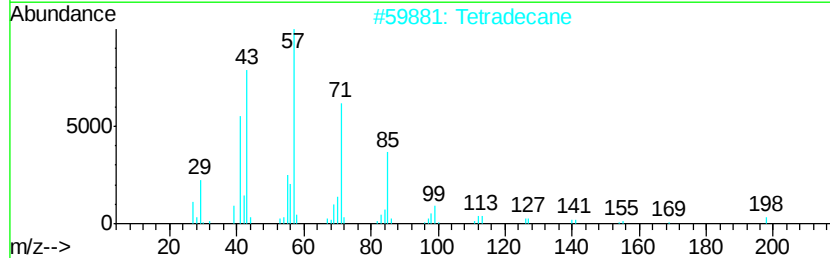
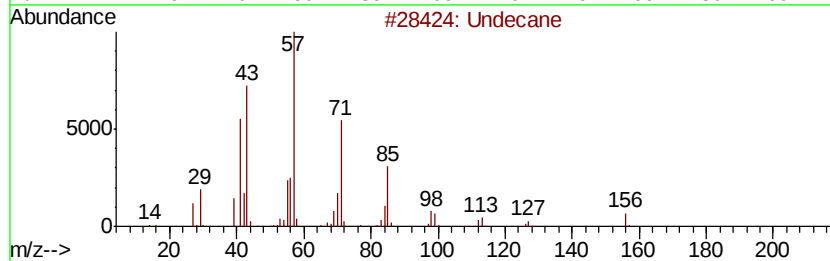
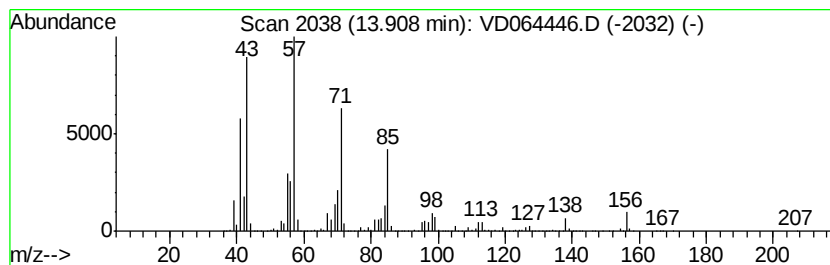
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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	528.68 ug/l	77189900	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	96
2	Tetradecane		198	C14H30	000629-59-4	87
3	2,6-Dimethyldecane		170	C12H26	013150-81-7	70
4	Octadecane, 1-chloro-		288	C18H37Cl	003386-33-2	64
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	58



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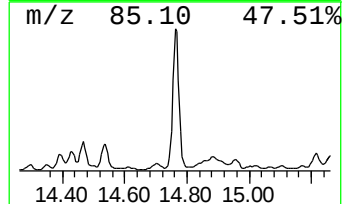
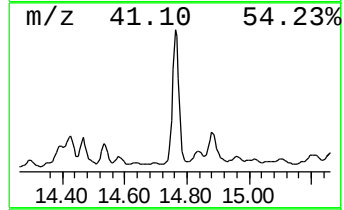
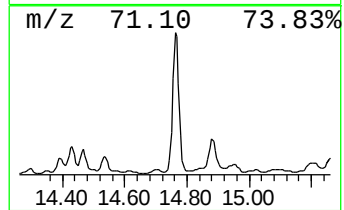
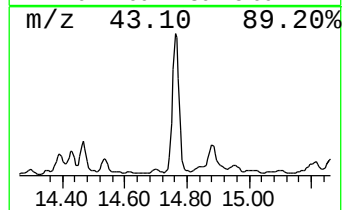
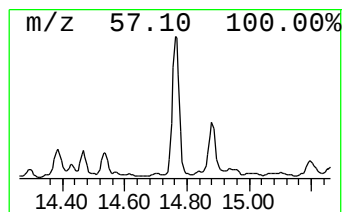
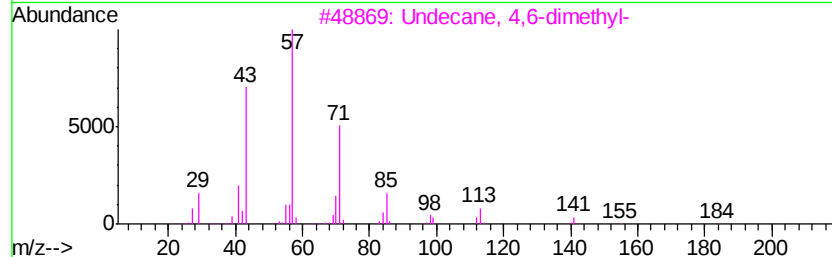
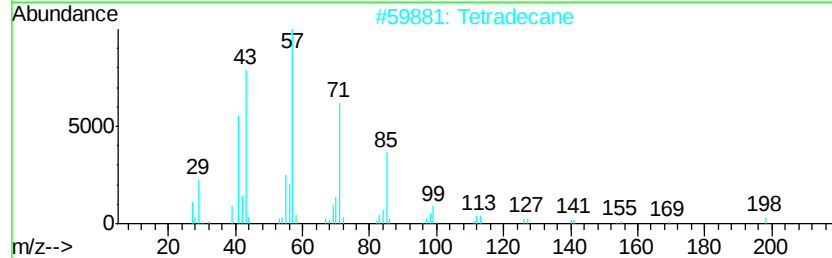
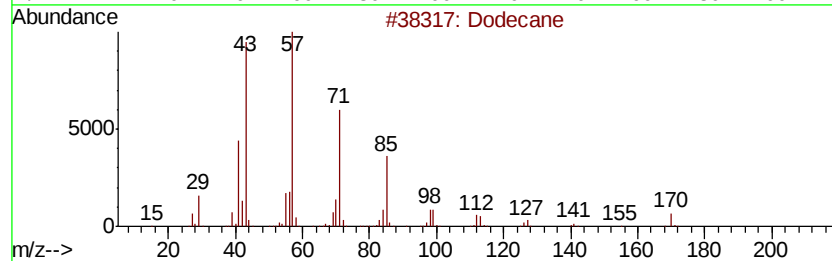
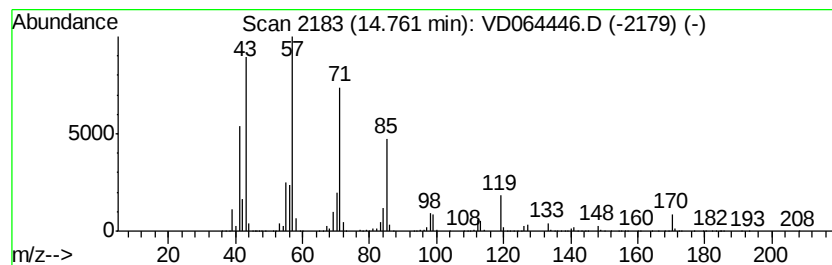
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	522.99 ug/l	76359800	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	96
2	Tetradecane		198	C14H30	000629-59-4	80
3	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	76
4	Hexadecane		226	C16H34	000544-76-3	72
5	Undecane		156	C11H24	001120-21-4	72



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ClientSampleId :
EP-8

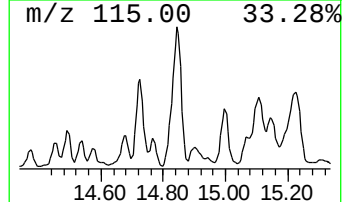
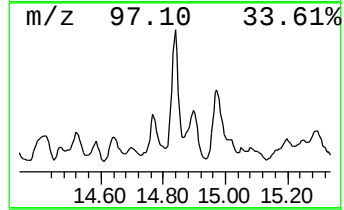
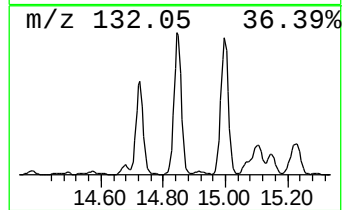
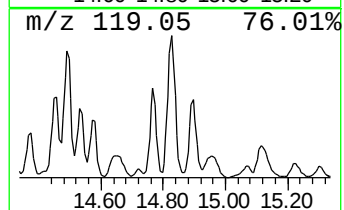
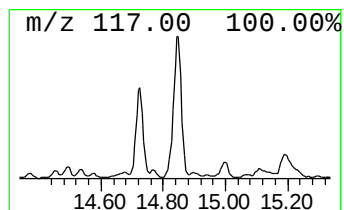
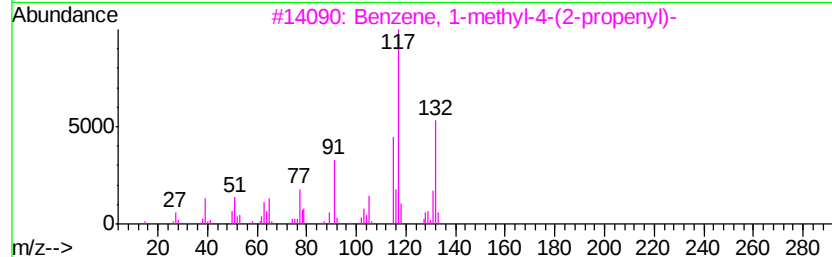
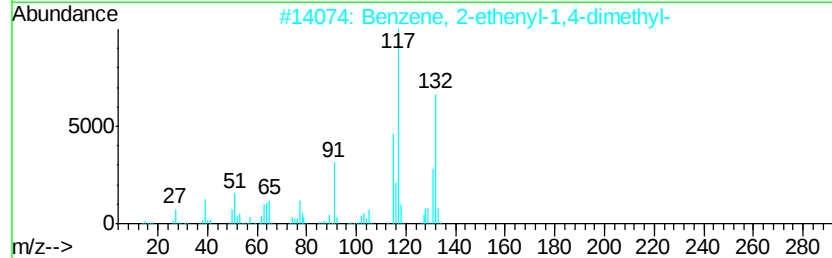
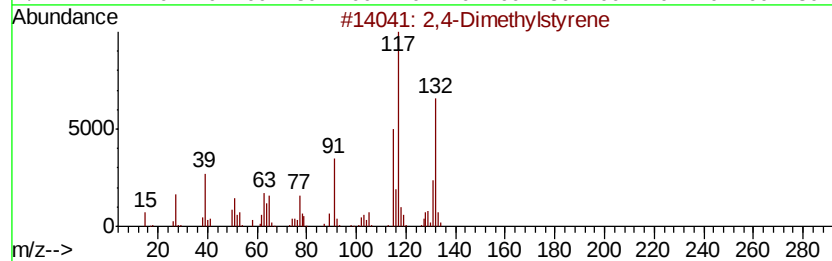
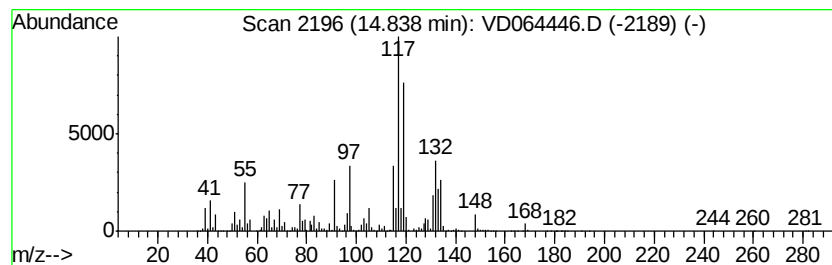
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Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	272.37 ug/l	39767600	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-8

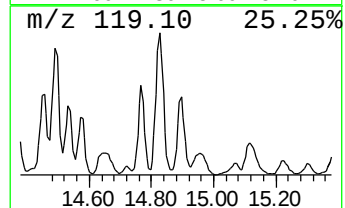
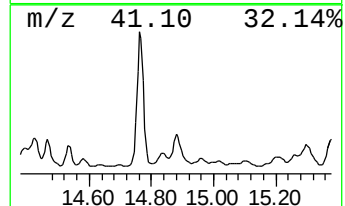
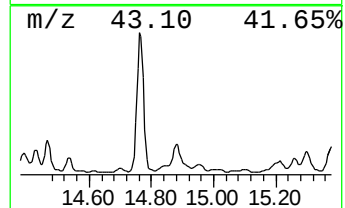
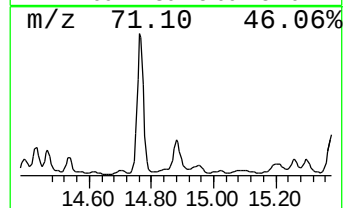
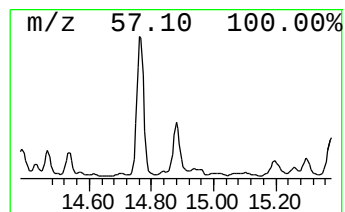
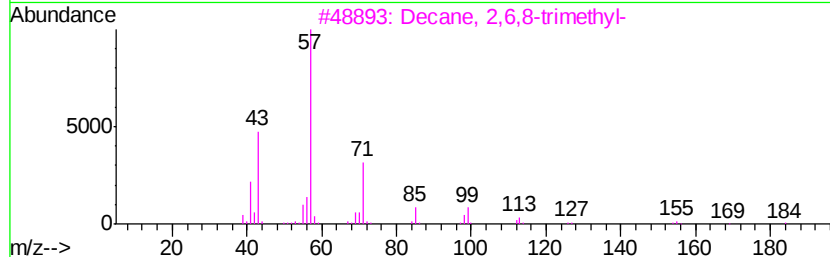
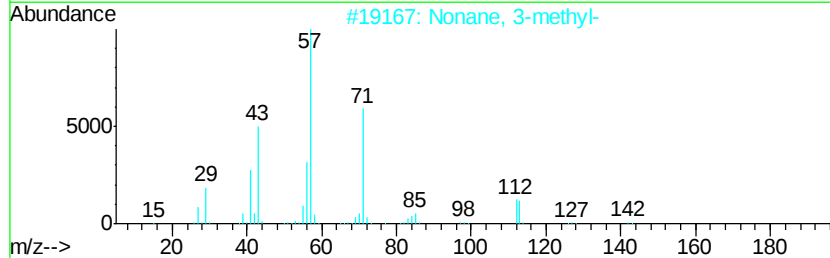
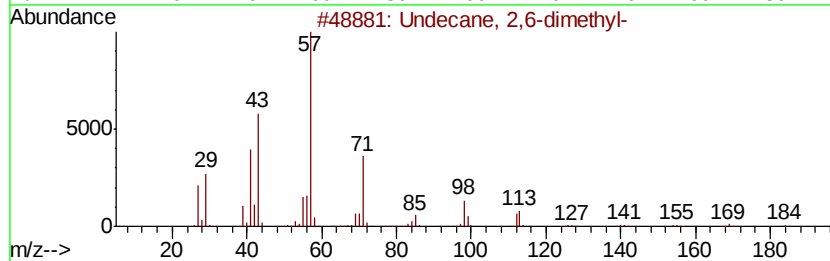
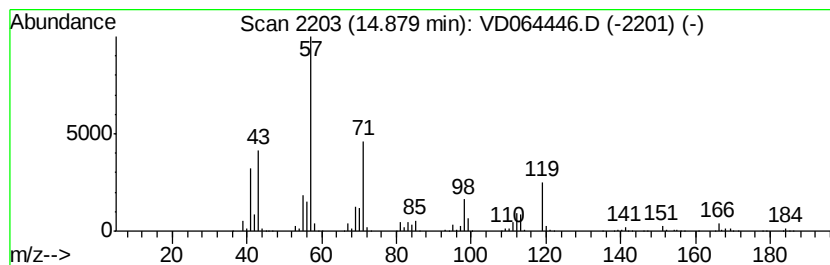
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Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	165.19 ug/l	24118700	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	60
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	55
3	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	49
4	Sulfurous acid, decyl 2-ethylhex...		334	C18H38O3S	1000309-19-3	46
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

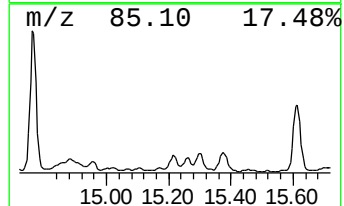
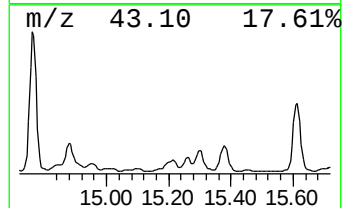
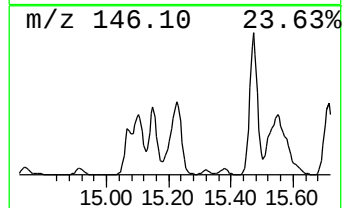
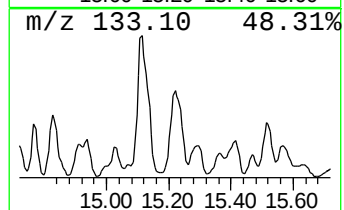
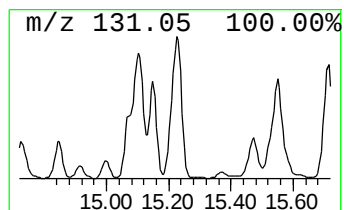
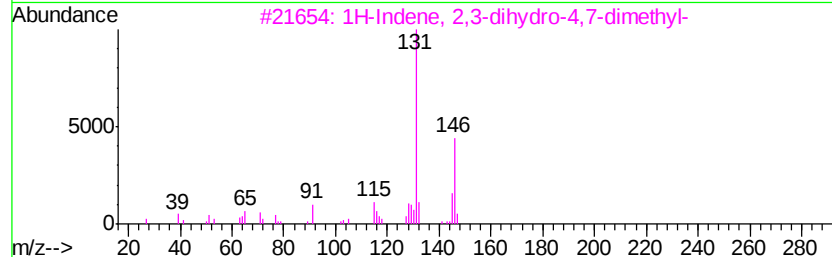
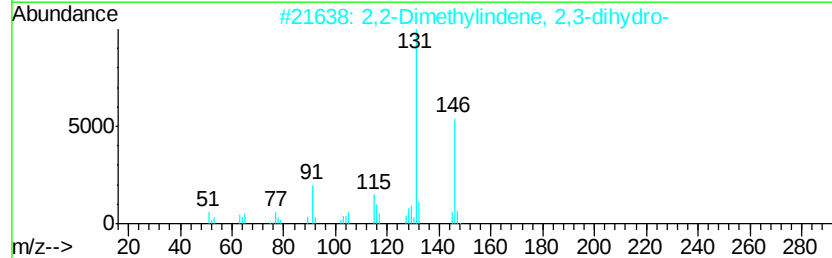
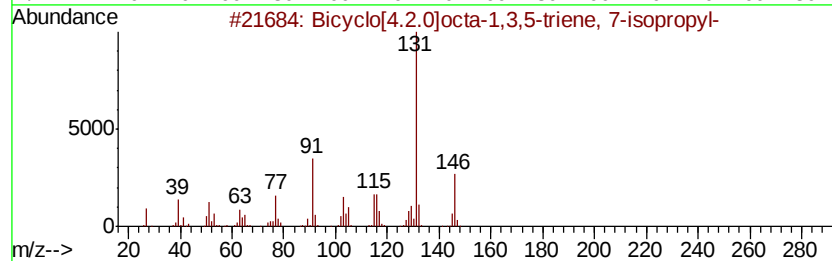
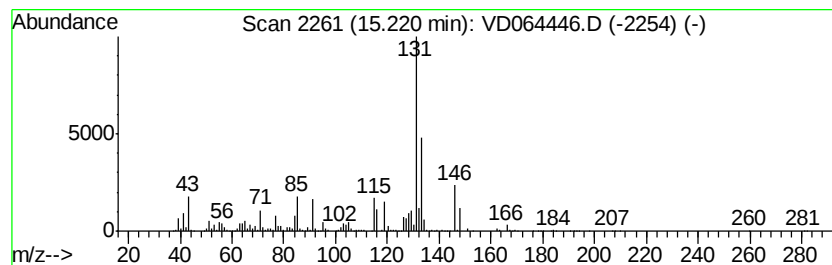
Instrument :
MSVOA_D
ClientSampleId :
EP-8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	144.13 ug/l	21043600	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3 64
2		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 64
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 64
5		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-8

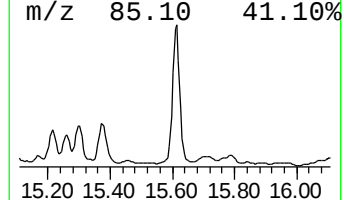
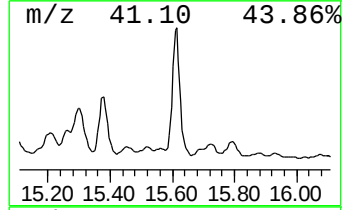
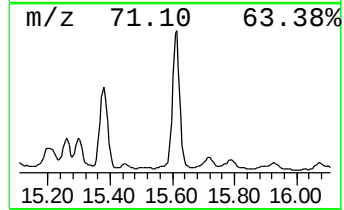
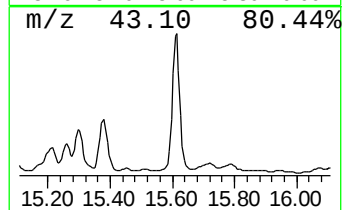
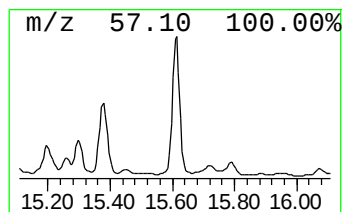
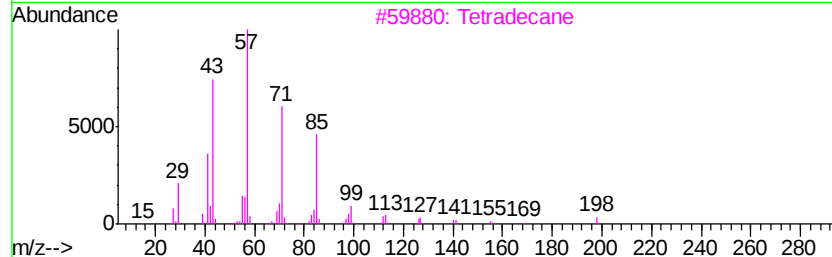
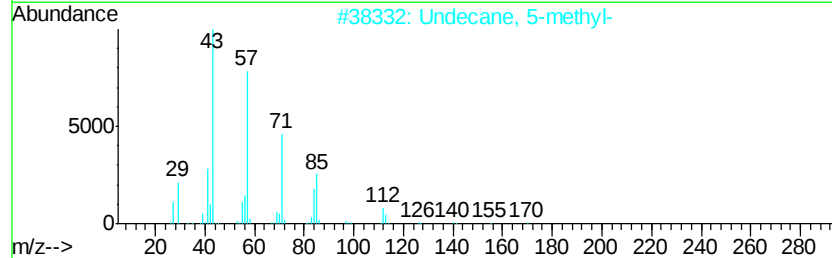
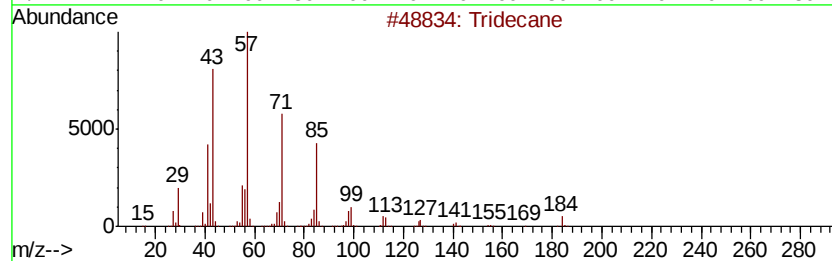
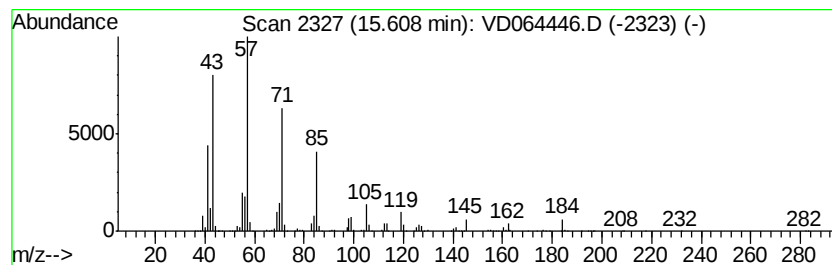
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Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	323.65 ug/l	47255200	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	97
2	Undecane, 5-methyl-		170	C12H26	001632-70-8	76
3	Tetradecane		198	C14H30	000629-59-4	68
4	Dodecane		170	C12H26	000112-40-3	64
5	1-Iodoundecane		282	C11H23I	004282-44-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-8

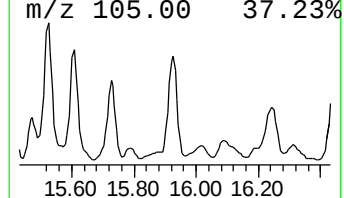
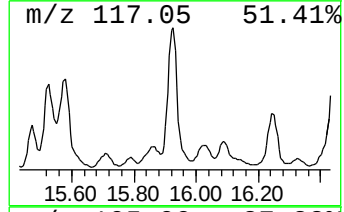
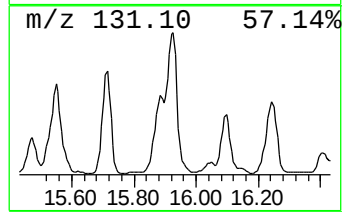
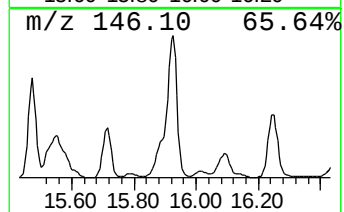
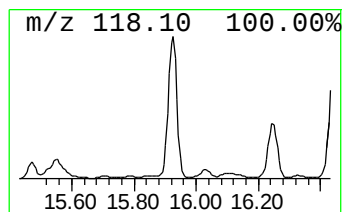
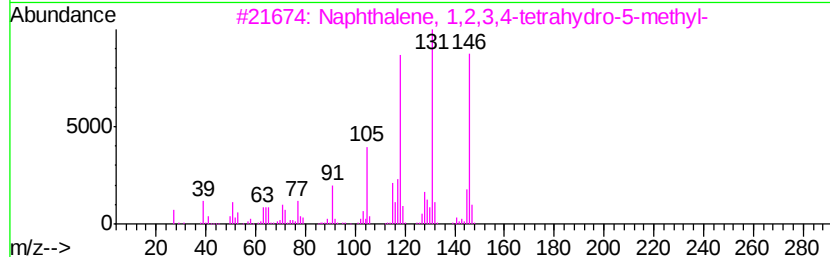
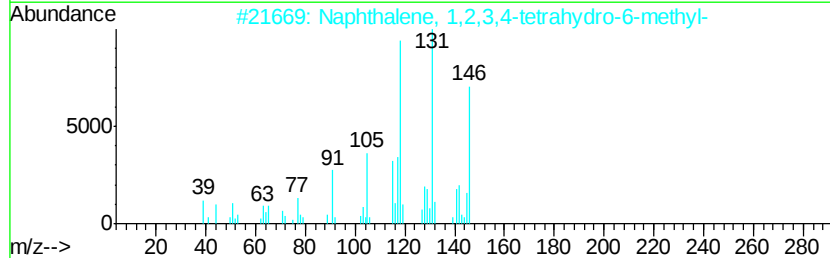
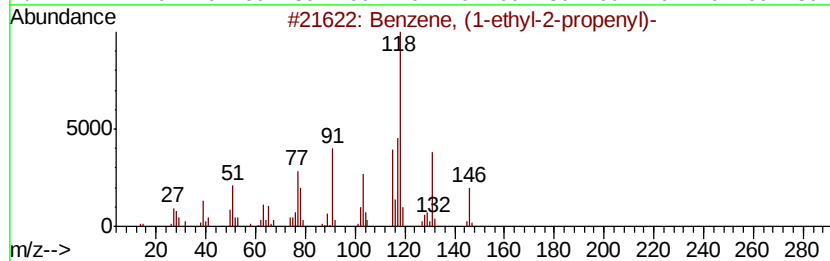
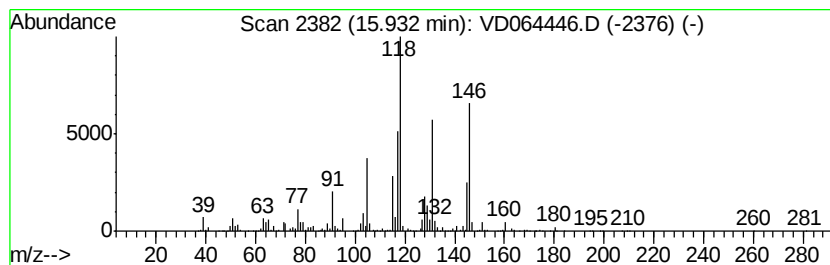
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	178.62 ug/l	26079400	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	50
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-8

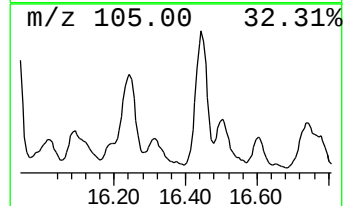
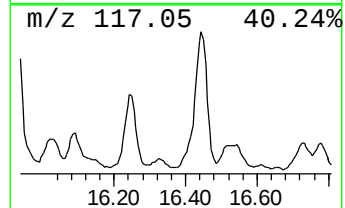
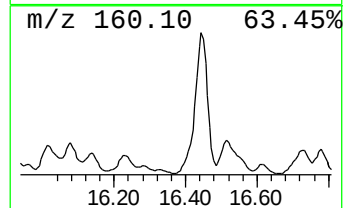
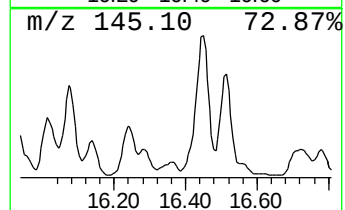
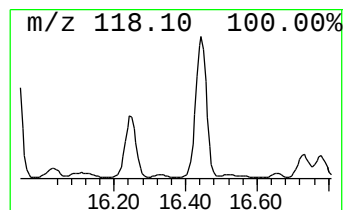
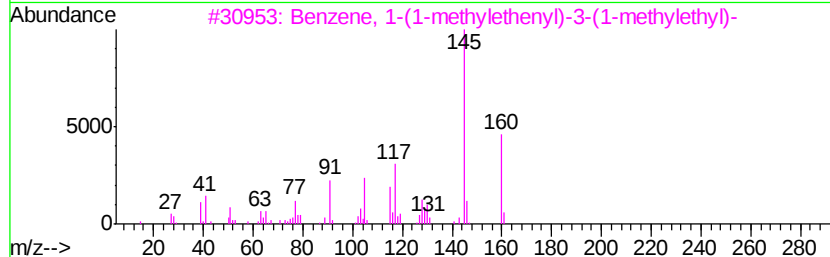
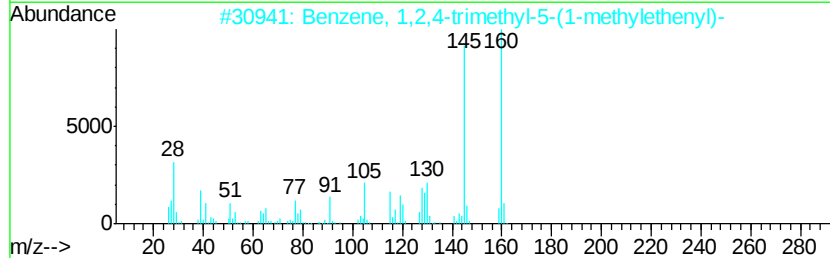
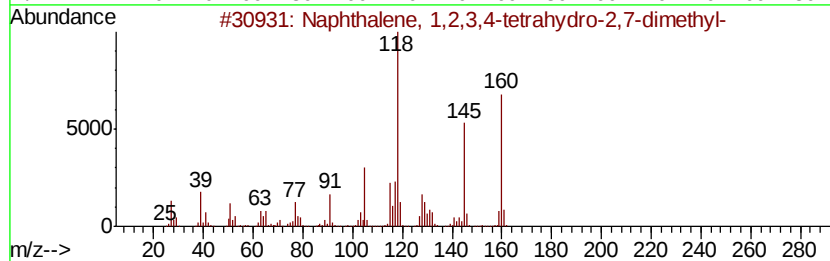
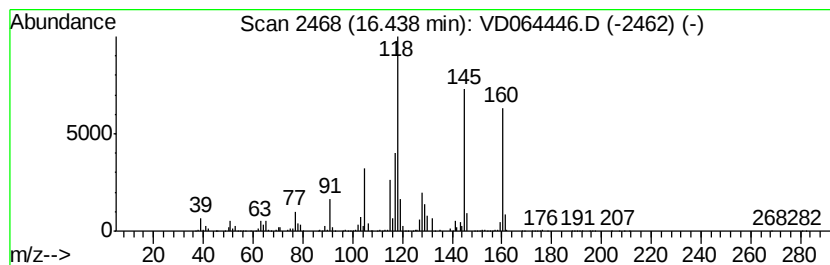
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	144.40 ug/l	21083800	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2		Benzene, 1,2,4-trimethyl-5-(1-methyl-...	160	C12H16	054340-84-0	70
3		Benzene, 1-(1-methylethenyl)-3-(1-methyl-...	160	C12H16	001129-29-9	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120519\
Data File : VD064446.D
Acq On : 05 Dec 2019 19:55
Operator : VA/SY
Sample : K6177-10
Misc : 7.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.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, 4-methyl-	12.56	143.5	ug/l	8469710	3	11.65	2950330	50.0
Undecane	13.91	528.7	ug/l	77189900	4	13.58	7300270	50.0
Dodecane	14.76	523.0	ug/l	76359800	4	13.58	7300270	50.0
2,4-Dimethylstyrene	14.84	272.4	ug/l	39767600	4	13.58	7300270	50.0
Undecane, 2,6-dim...	14.88	165.2	ug/l	24118700	4	13.58	7300270	50.0
Bicyclo[4.2.0]oct...	15.22	144.1	ug/l	21043600	4	13.58	7300270	50.0
Tridecane	15.61	323.6	ug/l	47255200	4	13.58	7300270	50.0
Benzene, (1-ethyl...	15.93	178.6	ug/l	26079400	4	13.58	7300270	50.0
Naphthalene, 1,2,...	16.44	144.4	ug/l	21083800	4	13.58	7300270	50.0