

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067604.D
 Acq On : 11 Nov 2020 16:03
 Operator : VA/SY
 Sample : L4587-01
 Misc : 6.5G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-111120

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\82D110320S.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	rBV2	246588	603576	1.35%	0.127%
2	7.985	1025	1031	1041	rVB	446784	998488	2.23%	0.210%
3	8.867	1172	1181	1194	rBV	617936	1260495	2.82%	0.265%
4	10.344	1424	1432	1447	rBV	1180830	2341926	5.23%	0.492%
5	10.526	1456	1463	1473	rVB2	386171	738888	1.65%	0.155%
6	10.955	1527	1536	1542	rBV	269408	469540	1.05%	0.099%
7	11.196	1569	1577	1581	rBV	394621	689798	1.54%	0.145%
8	11.249	1581	1586	1592	rVB	602381	1060340	2.37%	0.223%
9	11.355	1599	1604	1608	rBV2	314466	559235	1.25%	0.118%
10	11.432	1608	1617	1628	rVB4	1056475	2829968	6.32%	0.595%
11	11.532	1628	1634	1639	rBV	1125328	1822648	4.07%	0.383%
12	11.649	1648	1654	1664	rVB	942922	1633740	3.65%	0.344%
13	11.861	1679	1690	1699	rBV3	4703679	9366004	20.92%	1.969%
14	11.932	1699	1702	1708	rVB2	745571	1301715	2.91%	0.274%
15	11.996	1708	1713	1720	rBV3	190159	461639	1.03%	0.097%
16	12.079	1720	1727	1733	rVB4	345160	709295	1.58%	0.149%
17	12.185	1733	1745	1752	rBV2	2171907	6939118	15.50%	1.459%
18	12.273	1752	1760	1765	rVB	2581804	4072601	9.10%	0.856%
19	12.361	1765	1775	1776	rBV4	1252884	2529201	5.65%	0.532%
20	12.390	1776	1780	1791	rVB4	2009738	4837883	10.81%	1.017%
21	12.479	1791	1795	1796	rBV3	420215	524257	1.17%	0.110%
22	12.561	1806	1809	1812	rBV	1546133	2190424	4.89%	0.461%
23	12.590	1812	1814	1818	rVB	2780376	3156895	7.05%	0.664%
24	12.638	1818	1822	1825	rBV2	1132028	1862612	4.16%	0.392%
25	12.673	1825	1828	1833	rVB	2425723	3126554	6.98%	0.657%
26	12.726	1833	1837	1841	rVB5	355560	525072	1.17%	0.110%
27	12.802	1845	1850	1857	rVB4	2216275	4390976	9.81%	0.923%
28	12.885	1857	1864	1868	rBV4	3330741	6881439	15.37%	1.447%
29	12.955	1868	1876	1883	rVV2	22563735	42139316	94.13%	8.860%
30	13.014	1883	1886	1891	rVB4	2014082	3031701	6.77%	0.637%
31	13.126	1896	1905	1911	rBV4	3202432	9685727	21.64%	2.037%
32	13.190	1911	1916	1922	rVB	7247371	11077143	24.74%	2.329%
33	13.273	1923	1930	1934	rBV2	1902117	3791500	8.47%	0.797%
34	13.320	1934	1938	1942	rVB	1296513	1718570	3.84%	0.361%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.373	1942	1947	1950	rBV2	1984220	3183387	7.11%	0.669%
36	13.467	1956	1963	1967	rBV4	6129383	12332940	27.55%	2.593%
37	13.514	1967	1971	1974	rVV2	5111474	8408228	18.78%	1.768%
38	13.543	1974	1976	1979	rVV	3146659	4408293	9.85%	0.927%
39	13.579	1979	1982	1984	rVV	4969363	6698103	14.96%	1.408%
40	13.608	1984	1987	1991	rVV	6115478	9684216	21.63%	2.036%
41	13.649	1991	1994	2000	rVB	3897797	5553862	12.41%	1.168%
42	13.732	2001	2008	2011	rBV6	1880221	4555885	10.18%	0.958%
43	13.773	2011	2015	2019	rVV2	5066767	8506803	19.00%	1.789%
44	13.814	2019	2022	2031	rVB2	4356060	8160634	18.23%	1.716%
45	13.902	2031	2037	2042	rBV	29145788	44768448	100.00%	9.413%
46	13.949	2042	2045	2046	rVV	2358964	3044538	6.80%	0.640%
47	13.973	2047	2049	2053	rVV	3301257	5511634	12.31%	1.159%
48	14.061	2057	2064	2070	rVV2	5710849	15572787	34.79%	3.274%
49	14.120	2070	2074	2078	rVV	5443973	9361655	20.91%	1.968%
50	14.161	2078	2081	2087	rVB2	2864311	4593314	10.26%	0.966%
51	14.232	2087	2093	2098	rBV3	5757190	9767524	21.82%	2.054%
52	14.296	2098	2104	2110	rBV6	1918331	4399732	9.83%	0.925%
53	14.379	2110	2118	2121	rBV4	4353809	10987903	24.54%	2.310%
54	14.420	2121	2125	2128	rVV4	6512276	12129526	27.09%	2.550%
55	14.461	2128	2132	2134	rVV2	4689698	8037983	17.95%	1.690%
56	14.484	2134	2136	2140	rVV	4544112	5749141	12.84%	1.209%
57	14.526	2140	2143	2147	rVV	4567367	6315671	14.11%	1.328%
58	14.573	2147	2151	2158	rVB5	2919252	4987312	11.14%	1.049%
59	14.632	2158	2161	2163	rBV4	783203	992624	2.22%	0.209%
60	14.673	2164	2168	2171	rVV	1675284	2703909	6.04%	0.569%
61	14.720	2172	2176	2177	rVV	1896443	2624648	5.86%	0.552%
62	14.755	2178	2182	2188	rVV2	19306937	28957488	64.68%	6.089%
63	14.826	2188	2194	2199	rVV3	8523878	19395070	43.32%	4.078%
64	14.873	2199	2202	2210	rVB2	5947687	11466966	25.61%	2.411%
65	14.990	2218	2222	2229	rVB	3265858	5845397	13.06%	1.229%
66	15.102	2236	2241	2245	rBV3	2277788	3683809	8.23%	0.775%
67	15.214	2254	2260	2265	rBV3	2518169	5684792	12.70%	1.195%
68	15.367	2281	2286	2296	rVB3	3553960	6932345	15.48%	1.458%
69	15.461	2297	2302	2307	rBV	1850825	3468603	7.75%	0.729%
70	15.602	2321	2326	2335	rVB	5207428	9866044	22.04%	2.074%
71	15.702	2336	2343	2350	rVB6	1139519	3282686	7.33%	0.690%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	15.784	2352	2357	2363	rVB4	1149240	1972033	4.40%	0.415%
73	15.914	2374	2379	2386	rVB	2553360	4835696	10.80%	1.017%
74	16.231	2424	2433	2449	rVB2	1449258	4372413	9.77%	0.919%
75	16.431	2461	2467	2474	rVB	903330	1913733	4.27%	0.402%
76	16.496	2474	2478	2484	rVB2	344341	604582	1.35%	0.127%
77	16.708	2506	2514	2520	rBV7	326404	937692	2.09%	0.197%

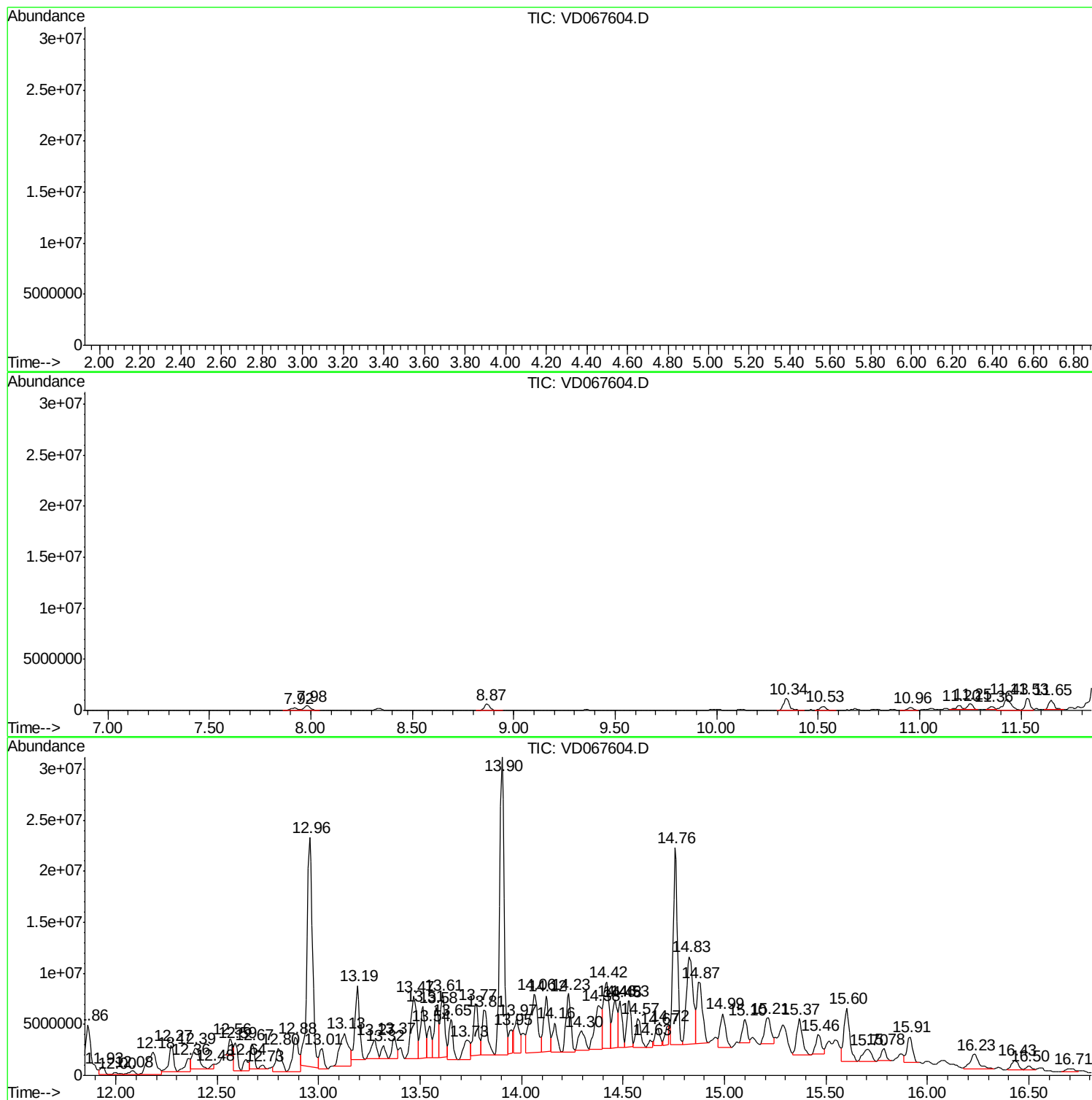
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
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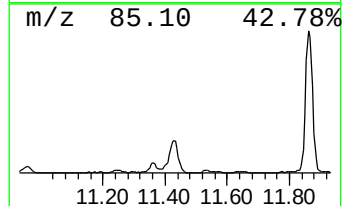
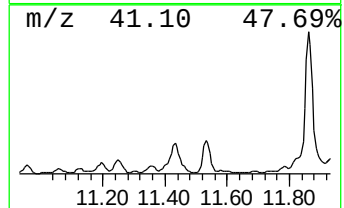
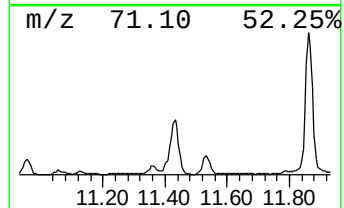
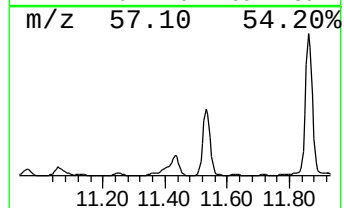
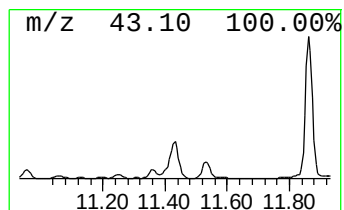
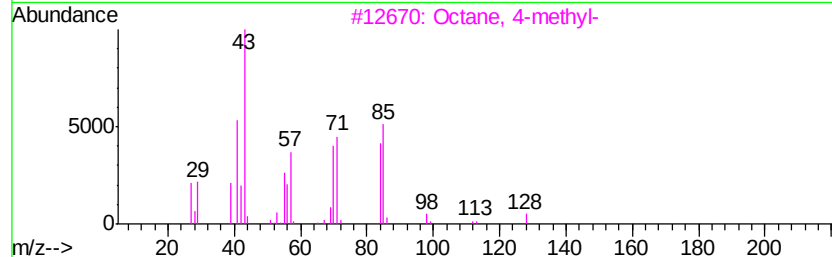
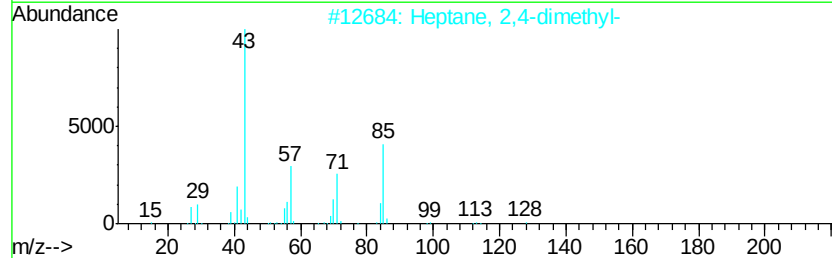
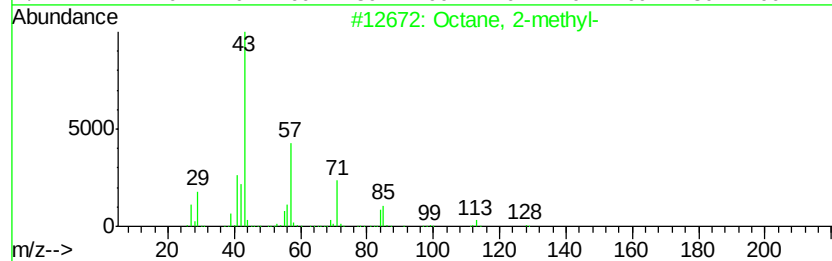
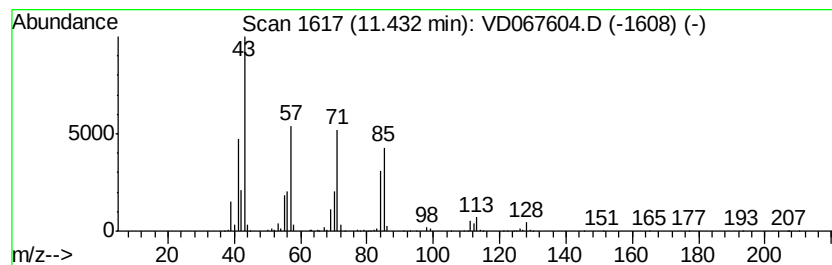
Instrument :
MSVOA_D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Octane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.43	86.61 ug/l	2829970	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	64
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
3	Octane, 4-methyl-		128	C9H20	002216-34-4	52
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	47
5	Hexane, 3-ethyl-		114	C8H18	000619-99-8	47



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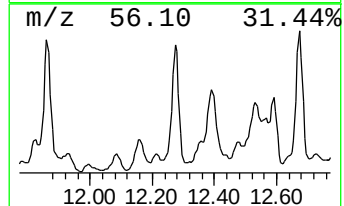
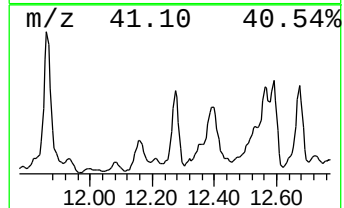
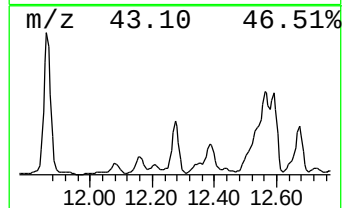
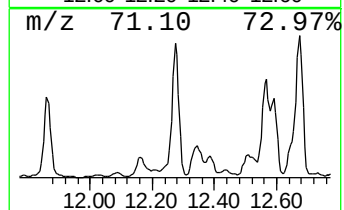
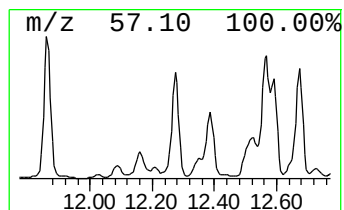
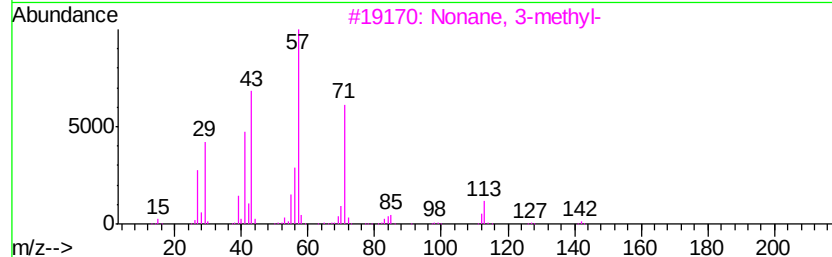
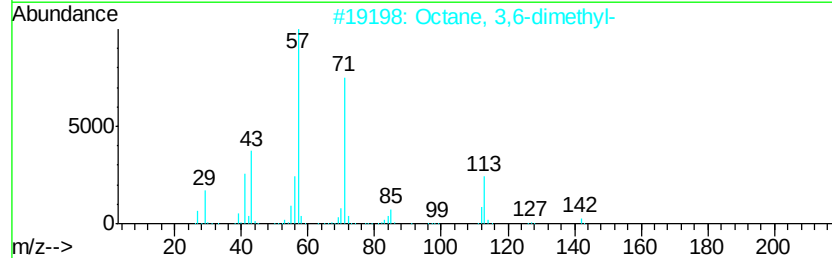
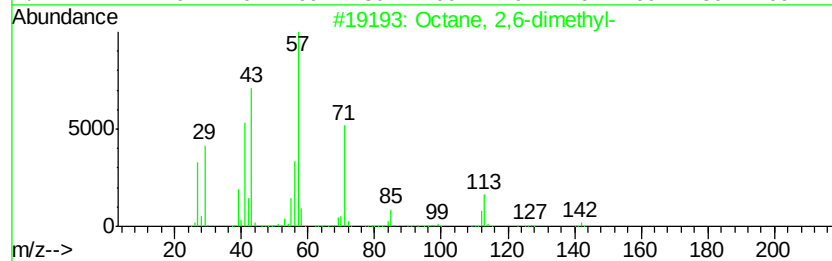
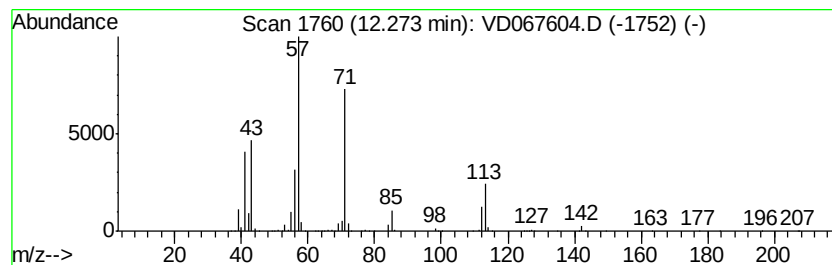
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	124.64 ug/l	4072600	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59



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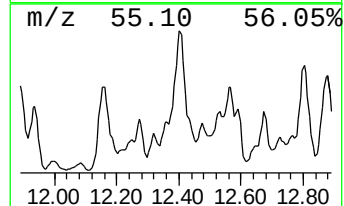
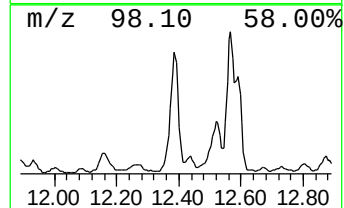
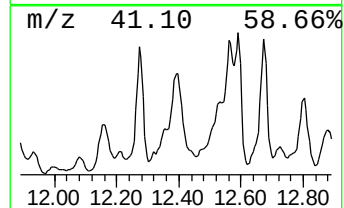
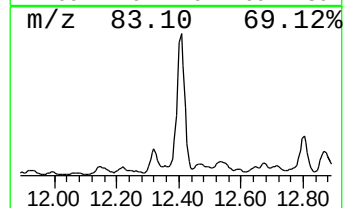
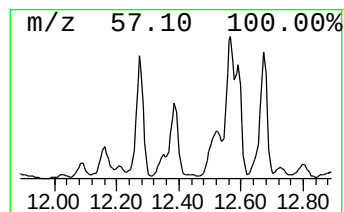
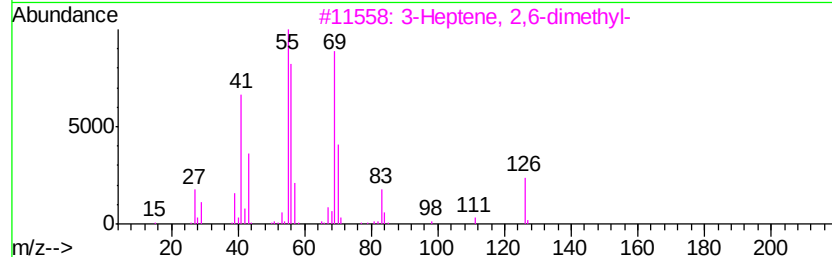
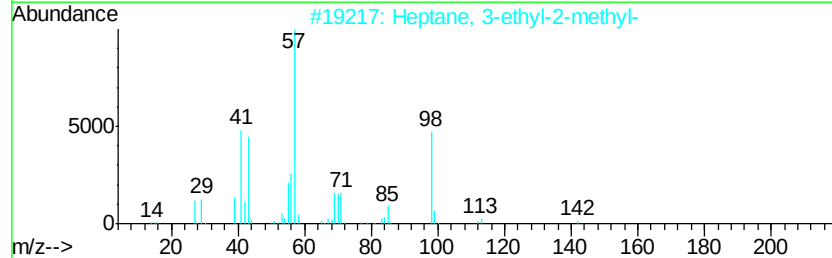
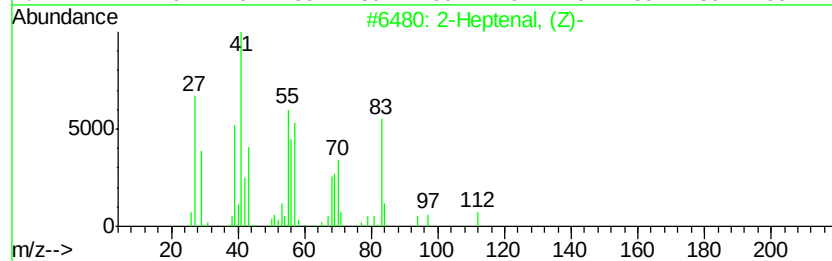
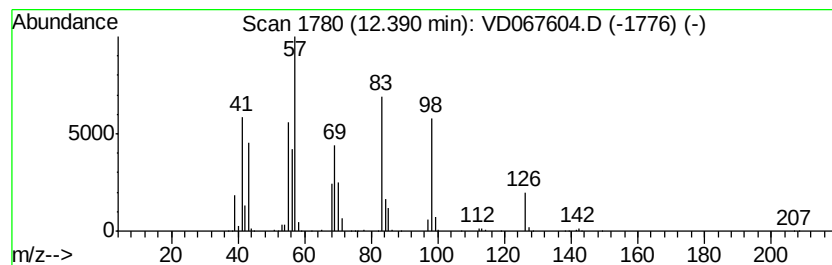
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Quant Title : SW846 8260

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

Peak Number 3 unknown12.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	148.06 ug/l	4837880	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	49
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
3		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	35
4		cis-3-Nonene	126	C9H18	020237-46-1	35
5		trans--4-Nonene	126	C9H18	010405-85-3	35



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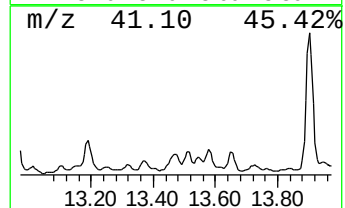
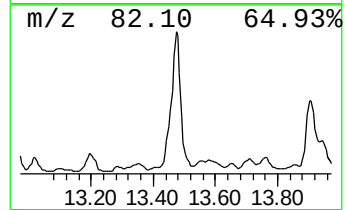
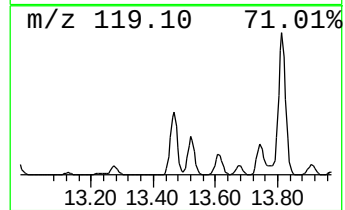
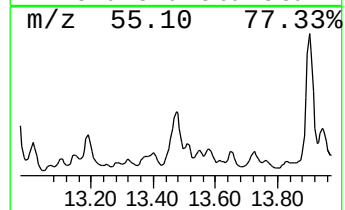
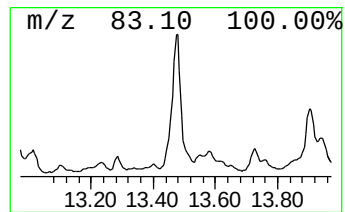
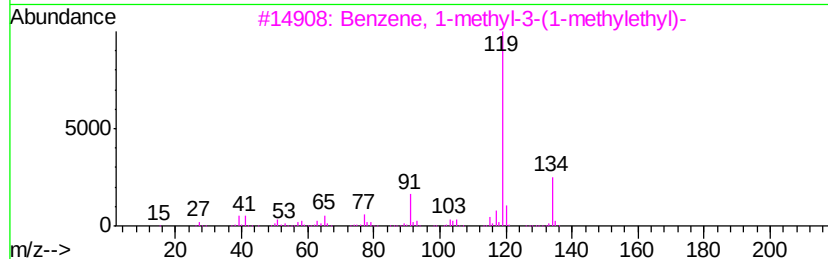
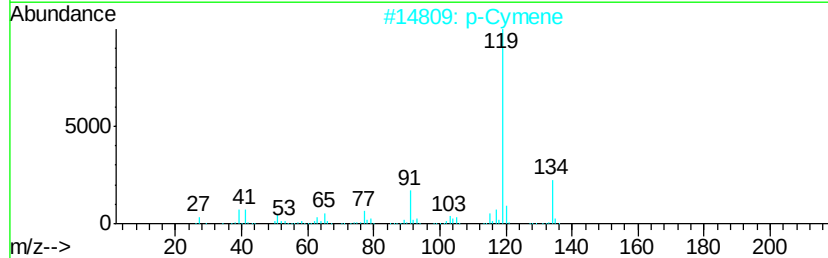
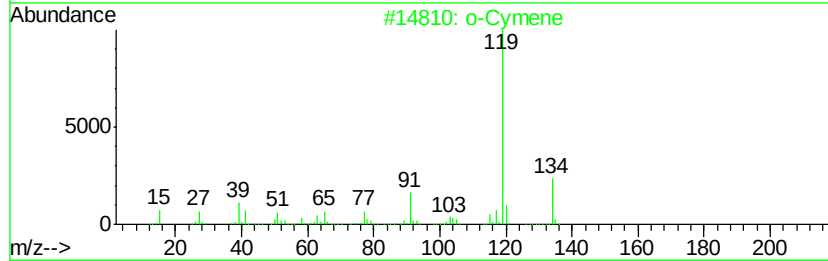
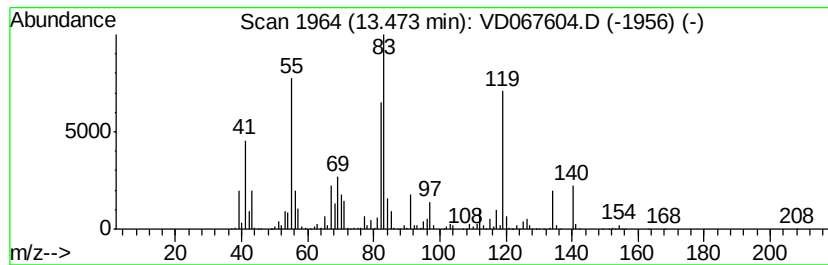
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ClientSampleId :
HR-02-111120

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	92.06 ug/l	12332900	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 86
2		p-Cymene	134 C10H14	000099-87-6 86
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 83
4		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 42
5		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

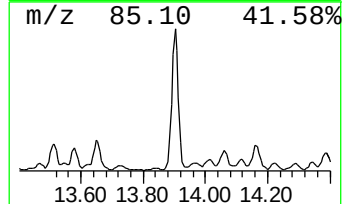
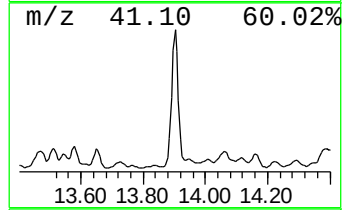
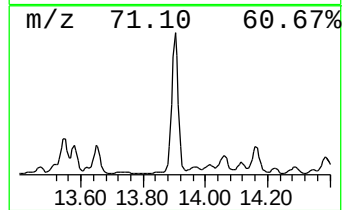
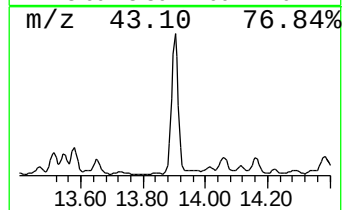
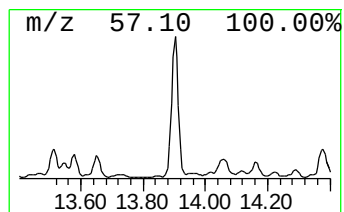
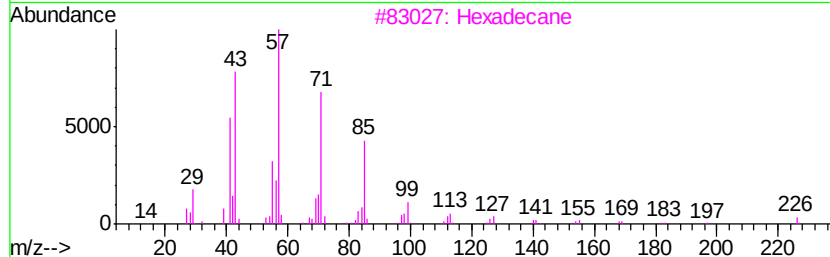
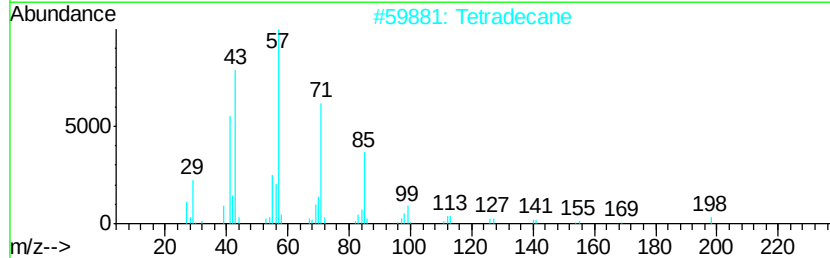
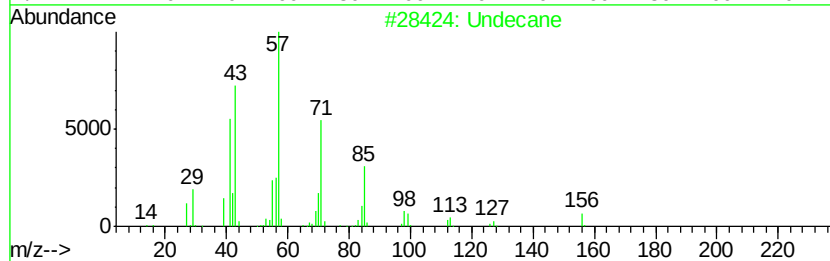
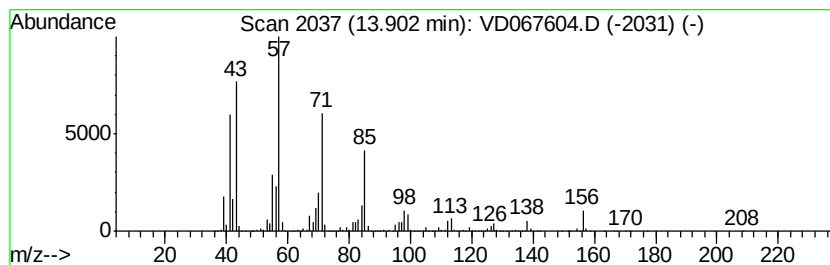
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	334.19 ug/l	44768400	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	83
3	Hexadecane	226 C16H34	000544-76-3	74
4	2,6-Dimethyldecane	170 C12H26	013150-81-7	62
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-111120

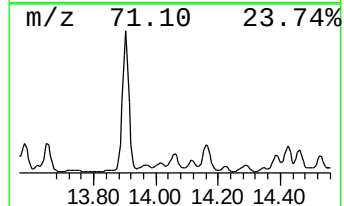
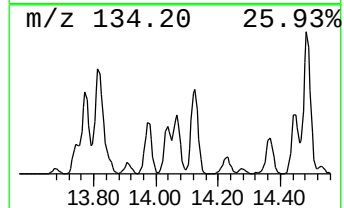
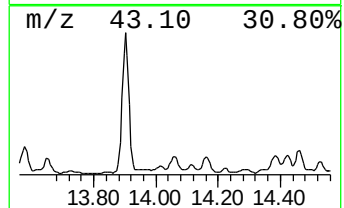
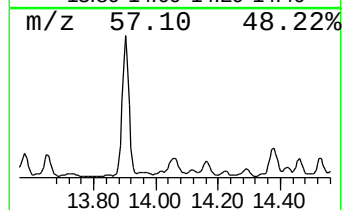
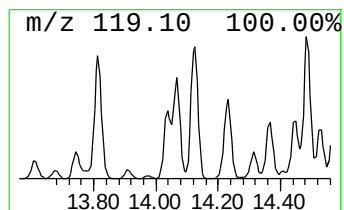
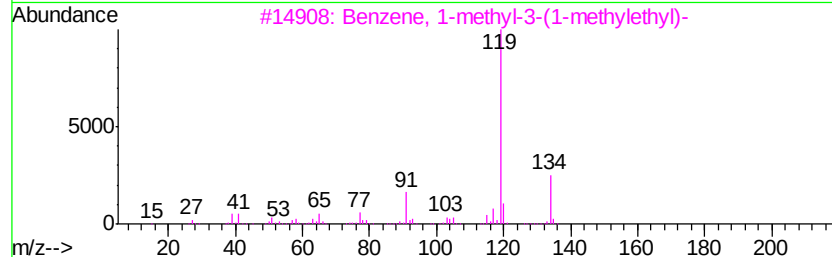
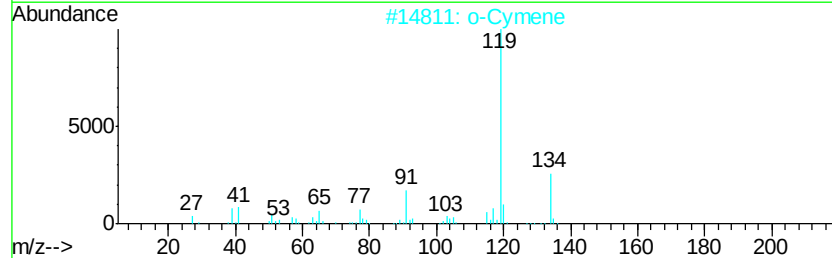
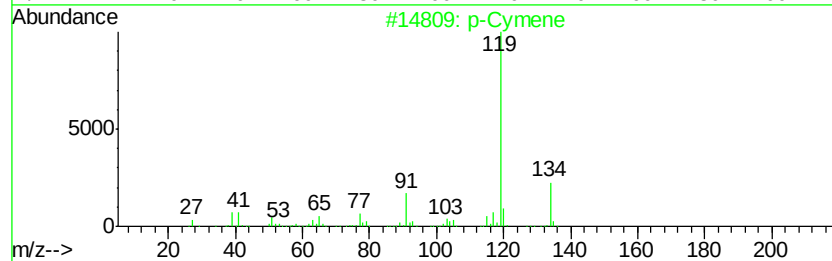
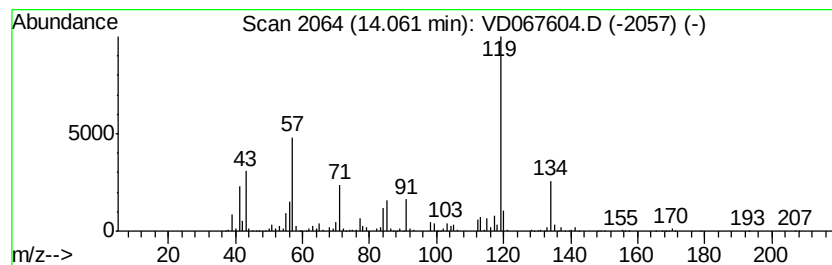
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Quant Title : SW846 8260

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

Peak Number 6 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	116.25 ug/l	15572800	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	93
2		o-Cymene	134	C10H14	000527-84-4	93
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	92
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-111120

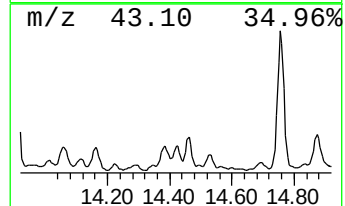
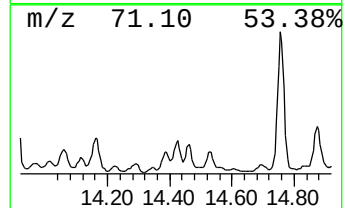
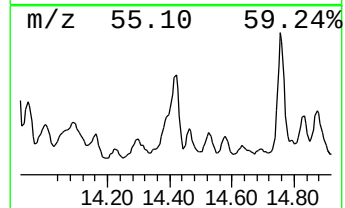
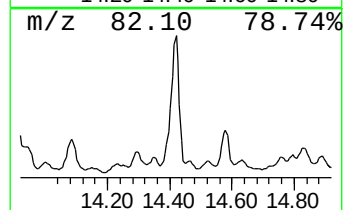
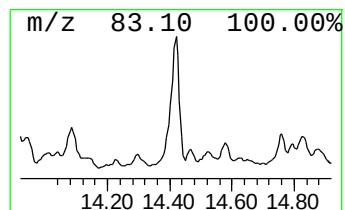
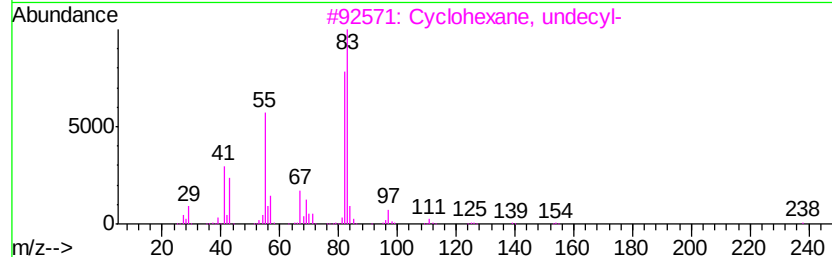
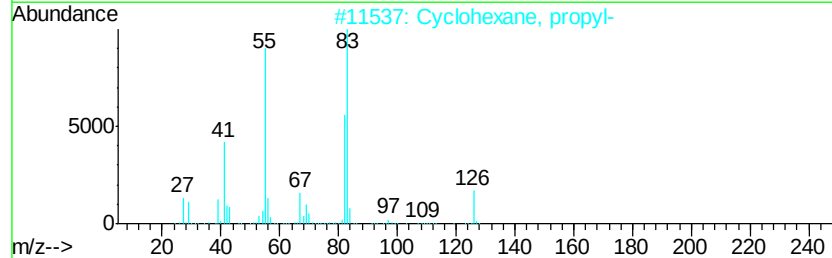
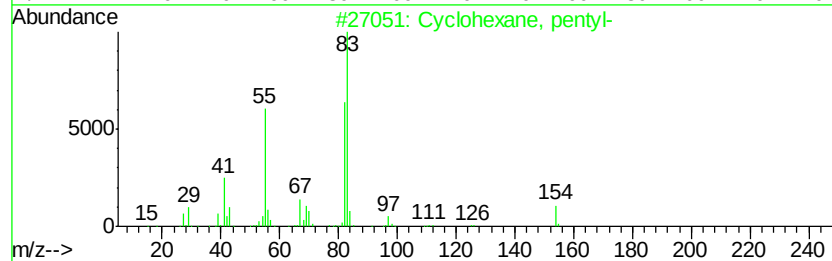
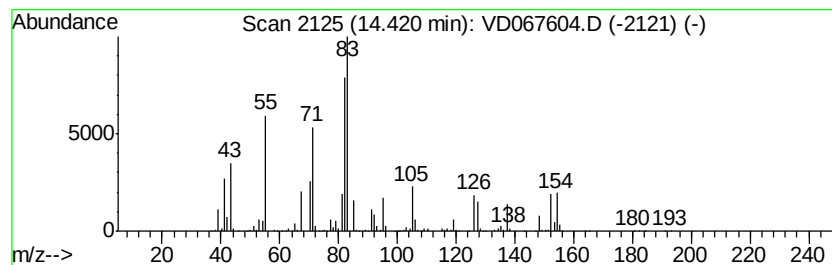
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	90.54 ug/l	12129500	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	46
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
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ALS Vial : 15 Sample Multiplier: 1

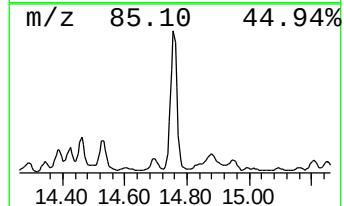
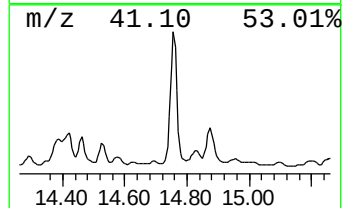
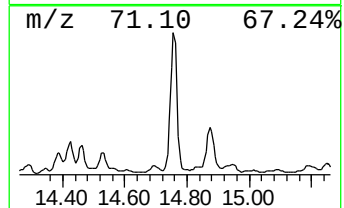
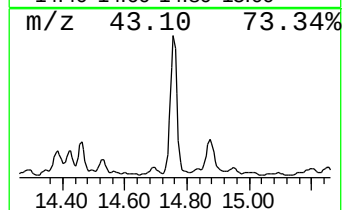
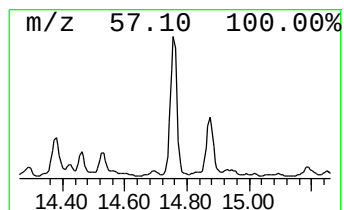
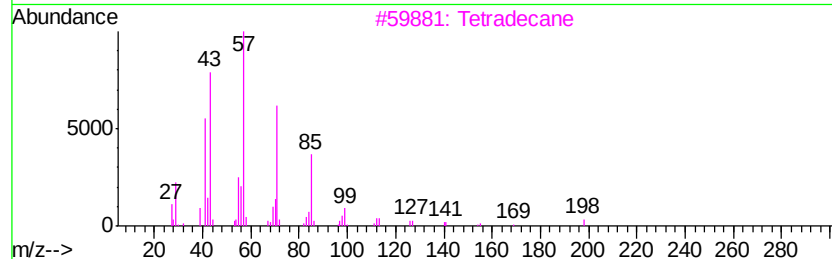
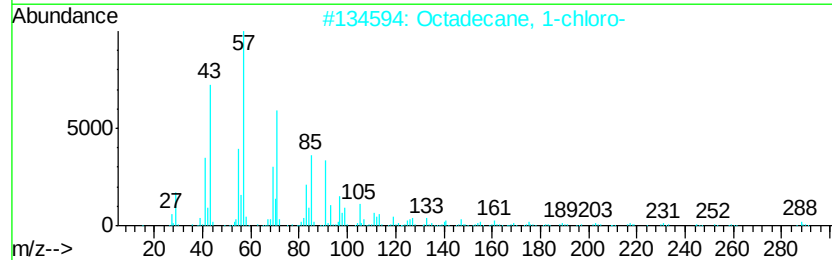
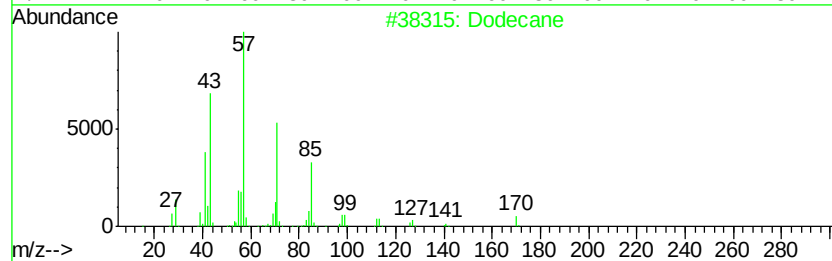
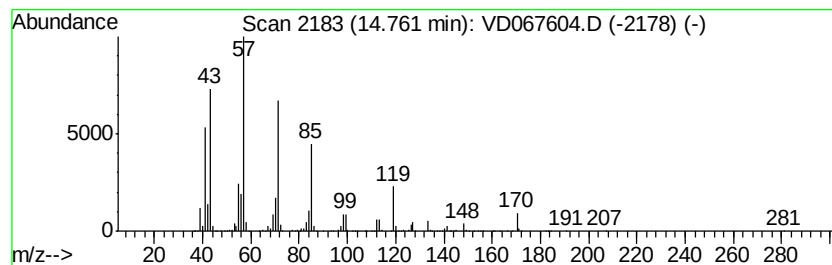
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ClientSampleId :
HR-02-111120

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 8 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	216.16 ug/l	28957500	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2	86
3	Tetradecane	198 C14H30	000629-59-4	83
4	Undecane	156 C11H24	001120-21-4	80
5	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-111120

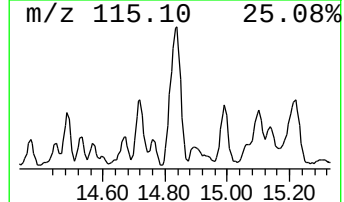
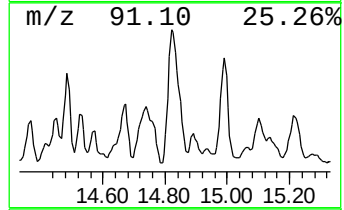
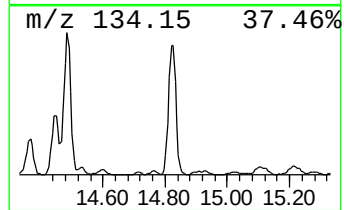
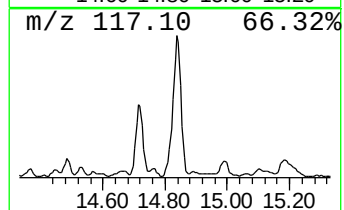
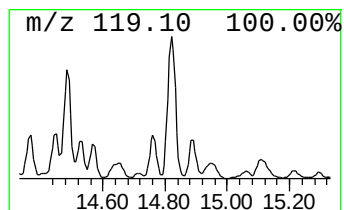
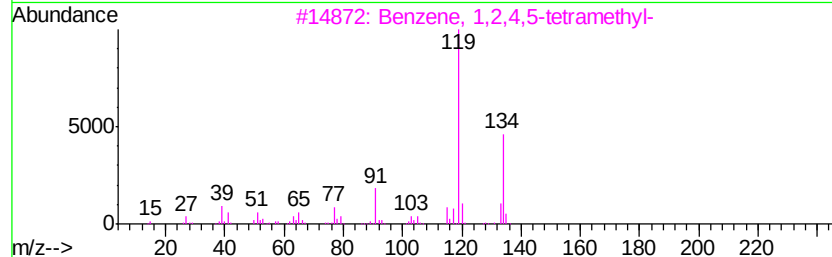
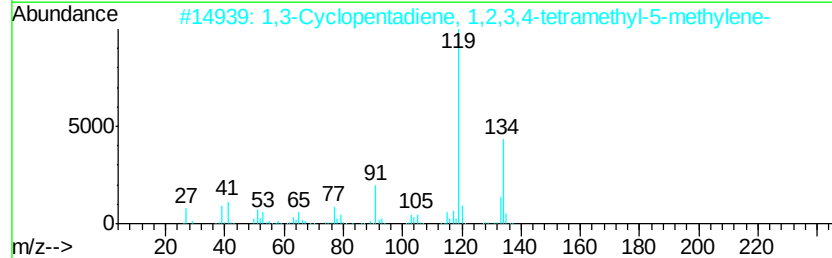
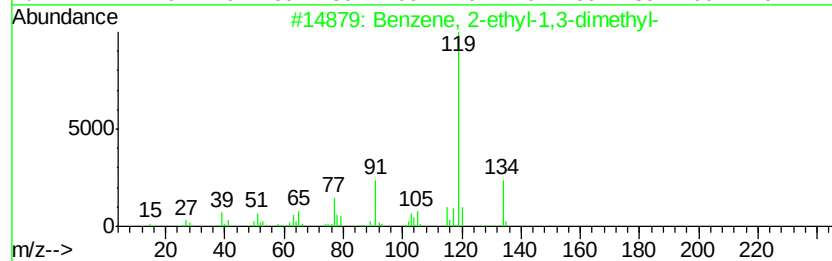
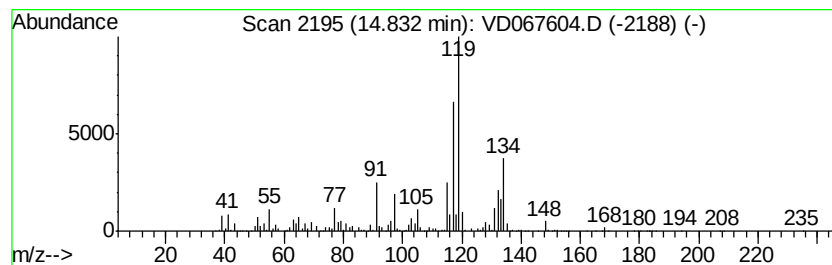
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	144.78 ug/l	19395100	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-111120

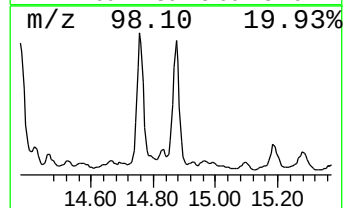
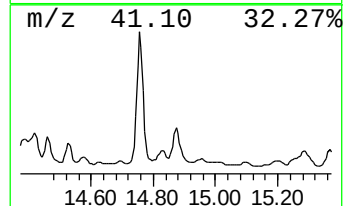
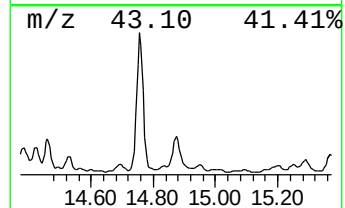
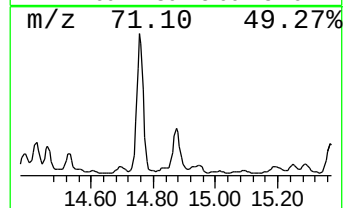
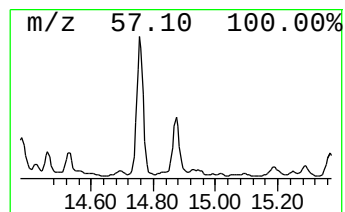
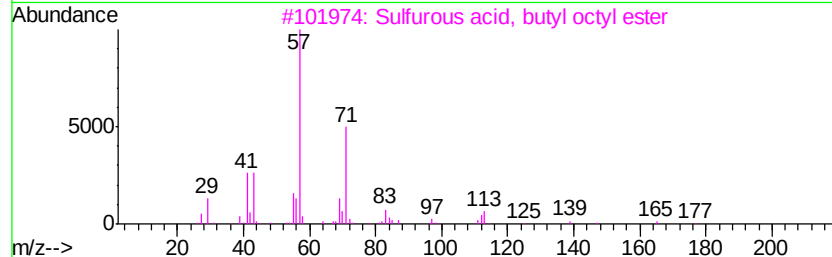
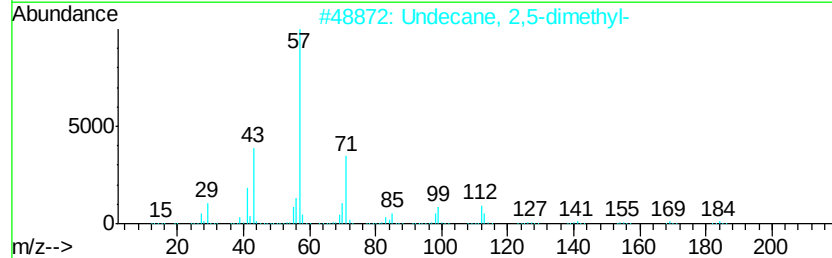
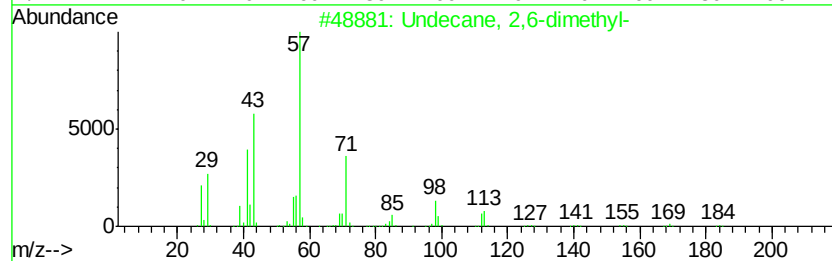
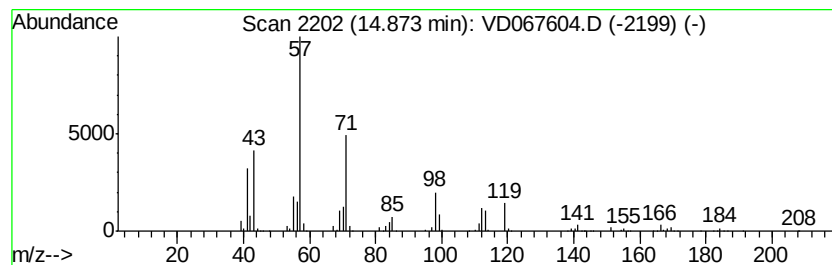
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Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	85.60 ug/l	11467000	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	52
4		5-Ethyldecane	170	C12H26	017302-36-2	50
5		Tridecane	184	C13H28	000629-50-5	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111120\
Data File : VD067604.D
Acq On : 11 Nov 2020 16:03
Operator : VA/SY
Sample : L4587-01
Misc : 6.5G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-111120

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.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, 2-methyl-	11.43	86.6	ug/l	2829970	3	11.65	1633740	50.0
Octane, 2,6-dimet...	12.27	124.6	ug/l	4072600	3	11.65	1633740	50.0
unknown12.39	12.39	148.1	ug/l	4837880	3	11.65	1633740	50.0
o-Cymene	13.47	92.1	ug/l	12332900	4	13.58	6698100	50.0
Undecane	13.90	334.2	ug/l	44768400	4	13.58	6698100	50.0
p-Cymene	14.06	116.3	ug/l	15572800	4	13.58	6698100	50.0
unknown14.42	14.42	90.5	ug/l	12129500	4	13.58	6698100	50.0
Dodecane	14.76	216.2	ug/l	28957500	4	13.58	6698100	50.0
Benzene, 2-ethyl-...	14.83	144.8	ug/l	19395100	4	13.58	6698100	50.0
Undecane, 2,6-dim...	14.87	85.6	ug/l	11467000	4	13.58	6698100	50.0