

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068798.D
 Acq On : 08 Apr 2021 19:23
 Operator : VA/SY
 Sample : M1979-02
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Title : SW846 8260

Signal : TIC: VD068798.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	508	518	537	rVB7	35483	139543	5.13%	0.637%
2	5.997	683	693	703	rVB5	10998	32660	1.20%	0.149%
3	7.920	1008	1020	1025	rBV	344068	833630	30.66%	3.805%
4	7.979	1025	1030	1039	rVV	574811	1307570	48.10%	5.969%
5	8.067	1039	1045	1054	rVV4	36508	92125	3.39%	0.421%
6	8.191	1058	1066	1073	rVV6	23063	55899	2.06%	0.255%
7	8.332	1073	1090	1100	rVV2	260474	665654	24.49%	3.039%
8	8.508	1104	1120	1129	rVV2	141585	428113	15.75%	1.954%
9	8.867	1172	1181	1193	rBV	891150	1803689	66.35%	8.234%
10	9.355	1251	1264	1269	rBV5	42305	116692	4.29%	0.533%
11	9.408	1269	1273	1281	rVB4	41575	81366	2.99%	0.371%
12	9.779	1328	1336	1346	rBV	93249	196925	7.24%	0.899%
13	9.914	1350	1359	1366	rBV2	123553	260580	9.59%	1.190%
14	10.008	1372	1375	1384	rVB5	30034	60113	2.21%	0.274%
15	10.120	1384	1394	1404	rBV4	53778	146548	5.39%	0.669%
16	10.267	1412	1419	1424	rBV2	63287	115685	4.26%	0.528%
17	10.338	1424	1431	1444	rVV	1453461	2718539	100.00%	12.410%
18	10.520	1455	1462	1469	rVB7	18293	54434	2.00%	0.248%
19	10.785	1499	1507	1512	rVV8	23712	63519	2.34%	0.290%
20	10.861	1516	1520	1526	rVB2	23275	40841	1.50%	0.186%
21	10.955	1530	1536	1541	rVB6	16108	29353	1.08%	0.134%
22	11.055	1548	1553	1561	rVB2	29531	64956	2.39%	0.297%
23	11.355	1598	1604	1606	rBV4	21337	32833	1.21%	0.150%
24	11.420	1608	1615	1620	rBV3	62130	142819	5.25%	0.652%
25	11.526	1628	1633	1645	rVB	61659	120833	4.44%	0.552%
26	11.643	1645	1653	1662	rBV	1469647	2523889	92.84%	11.521%
27	11.885	1690	1694	1699	rVB5	26181	43025	1.58%	0.196%
28	12.149	1734	1739	1745	rBV6	35837	75847	2.79%	0.346%
29	12.261	1752	1758	1763	rVB3	44663	88236	3.25%	0.403%
30	12.343	1763	1772	1775	rBV5	24819	53624	1.97%	0.245%
31	12.632	1811	1821	1830	rVV2	1180834	2436806	89.64%	11.124%
32	12.708	1830	1834	1839	rVV8	22078	45287	1.67%	0.207%
33	12.773	1840	1845	1857	rVB5	62985	183326	6.74%	0.837%
34	12.979	1870	1880	1887	rBV6	84579	278077	10.23%	1.269%
35	13.149	1904	1909	1912	rVV5	19359	39068	1.44%	0.178%
36	13.208	1912	1919	1928	rVB	197926	367888	13.53%	1.679%

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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 >

Peak separation: 5

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37	13.314	1933	1937	1942	rVV3	65147	104111	3.83%	0.475%
38	13.426	1944	1956	1965	rVV3	258071	710027	26.12%	3.241%
39	13.502	1965	1969	1971	rVV5	42263	69466	2.56%	0.317%
40	13.573	1971	1981	1986	rVV	1456192	2646432	97.35%	12.081%
41	13.620	1986	1989	1999	rVB	298968	593632	21.84%	2.710%
42	13.732	2004	2008	2011	rBV2	28966	43439	1.60%	0.198%
43	13.785	2012	2017	2021	rBV2	87247	141212	5.19%	0.645%
44	13.896	2033	2036	2038	rBV3	23937	30102	1.11%	0.137%
45	14.043	2057	2061	2066	rVB6	46328	88477	3.25%	0.404%
46	14.108	2066	2072	2085	rVB6	113939	355530	13.08%	1.623%
47	14.208	2086	2089	2095	rBV5	47148	77115	2.84%	0.352%
48	14.279	2098	2101	2102	rBV2	35934	38833	1.43%	0.177%
49	14.437	2125	2128	2133	rVB5	61588	90065	3.31%	0.411%
50	14.520	2137	2142	2151	rBV3	121971	341930	12.58%	1.561%
51	14.602	2152	2156	2162	rVB7	38077	77917	2.87%	0.356%
52	14.702	2170	2173	2179	rBV6	48548	79780	2.93%	0.364%
53	14.820	2186	2193	2196	rBV7	61157	142456	5.24%	0.650%
54	15.084	2235	2238	2243	rVB4	46746	75209	2.77%	0.343%
55	15.373	2283	2287	2293	rVB3	81410	154658	5.69%	0.706%
56	15.437	2293	2298	2303	rBV6	38074	82434	3.03%	0.376%
57	16.067	2402	2405	2410	rVB3	56188	102290	3.76%	0.467%
58	16.490	2473	2477	2487	rVB10	28512	76016	2.80%	0.347%
59	16.673	2503	2508	2509	rBV4	34175	45437	1.67%	0.207%

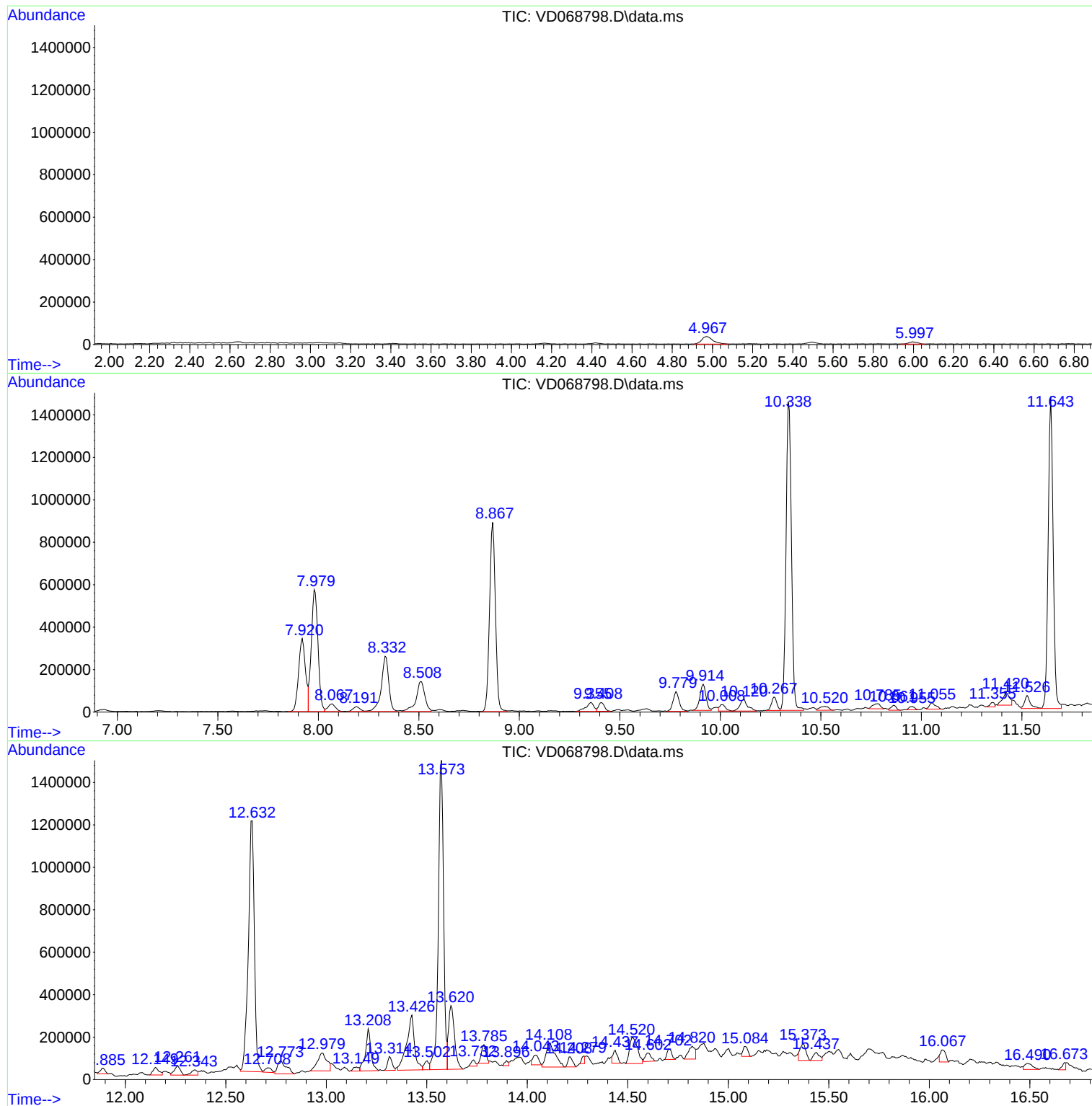
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

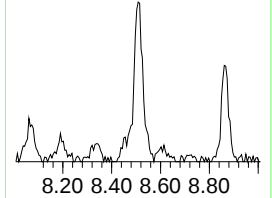
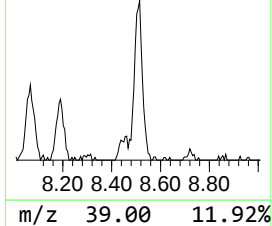
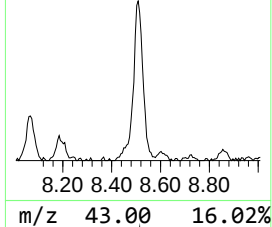
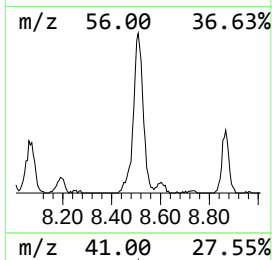
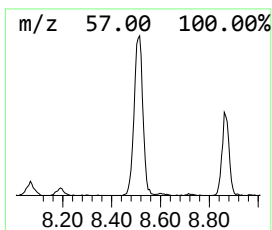
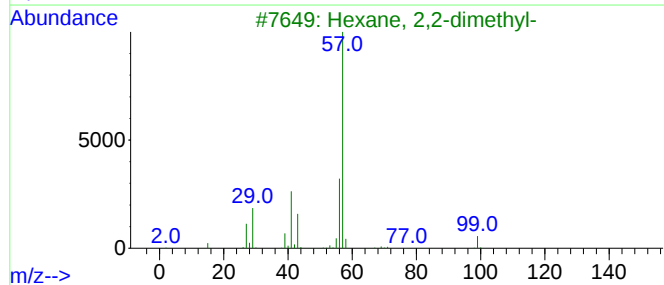
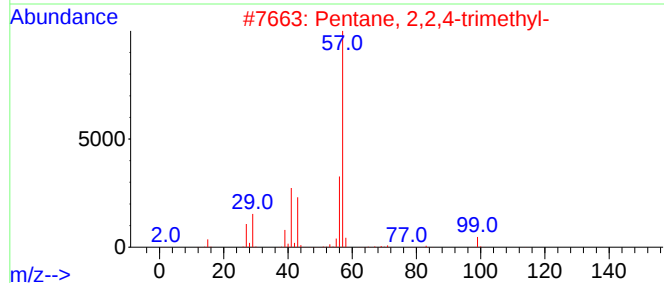
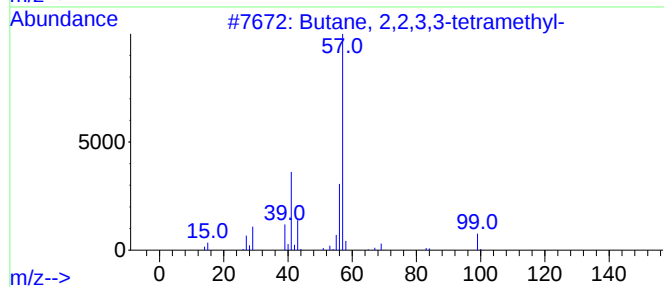
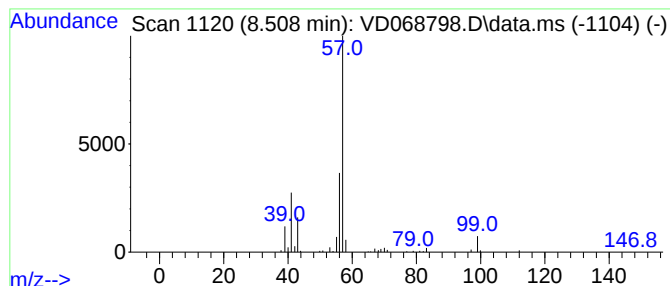
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	11.87 ug/l	428113	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



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Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
S-2

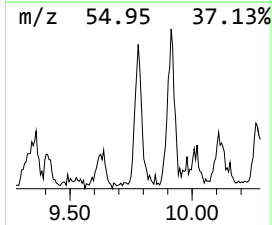
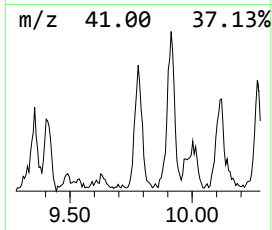
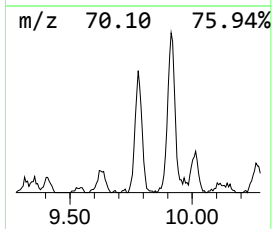
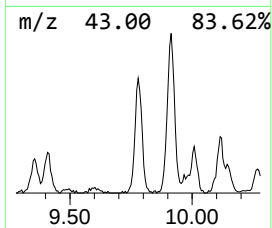
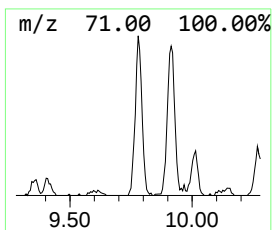
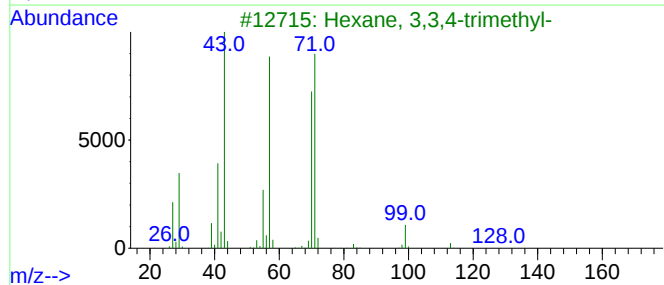
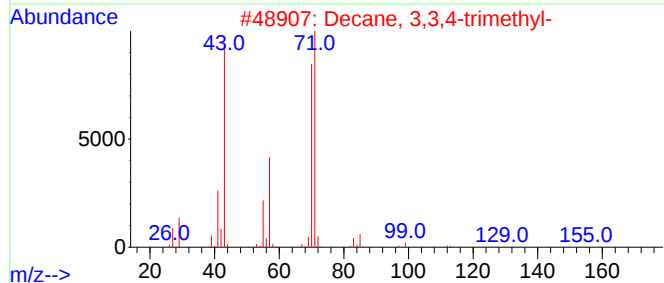
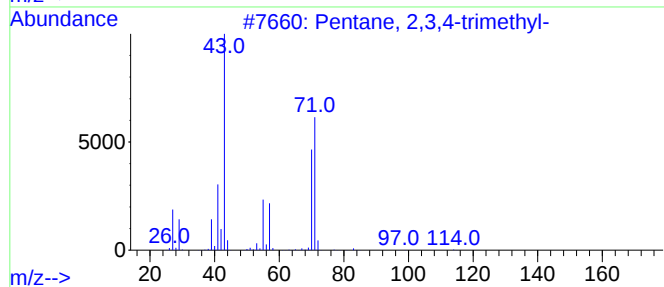
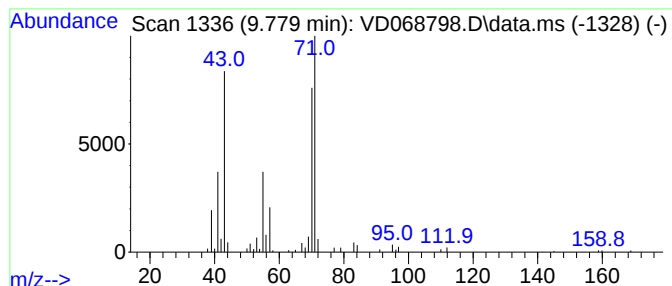
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	5.46 ug/l	196925	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
2			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	53



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Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

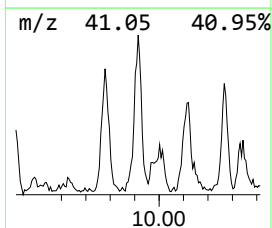
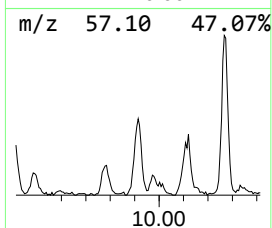
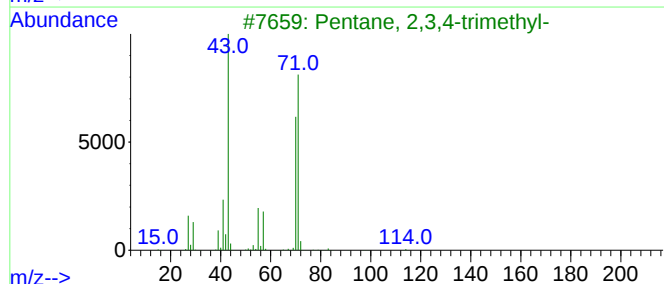
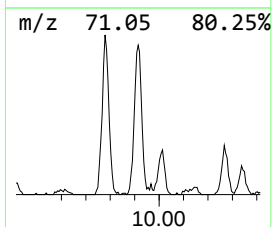
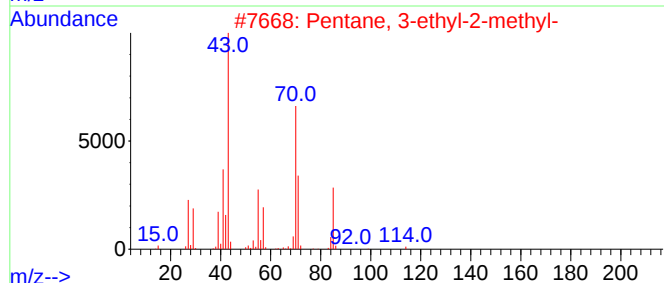
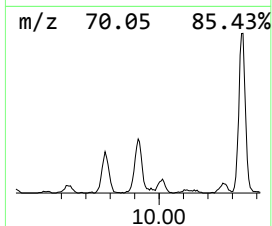
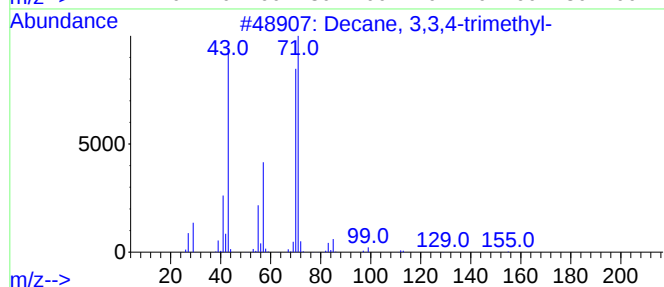
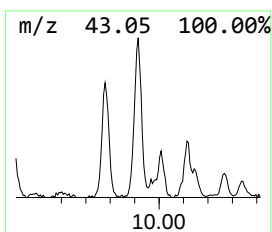
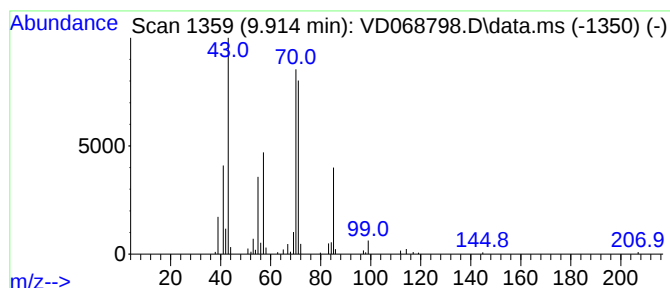
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 3,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.914	7.22 ug/l	260580	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	62
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4			3,4-Diethyl hexane	142	C10H22	019398-77-7	59
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	59



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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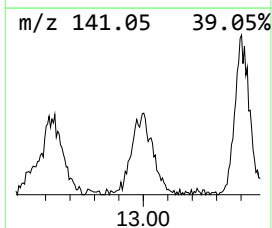
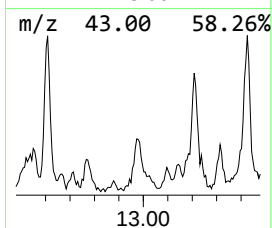
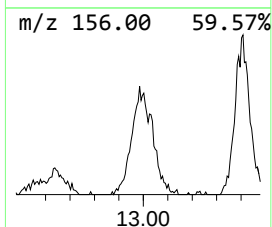
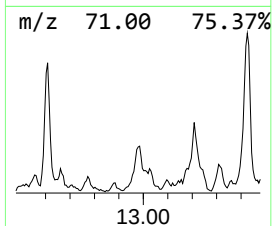
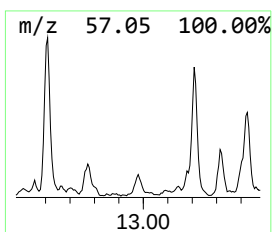
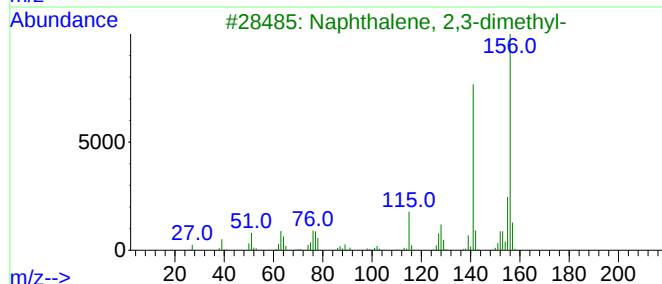
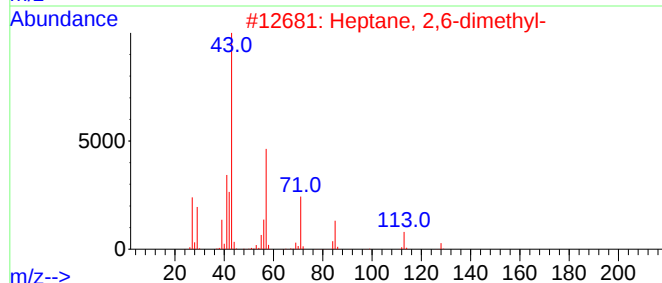
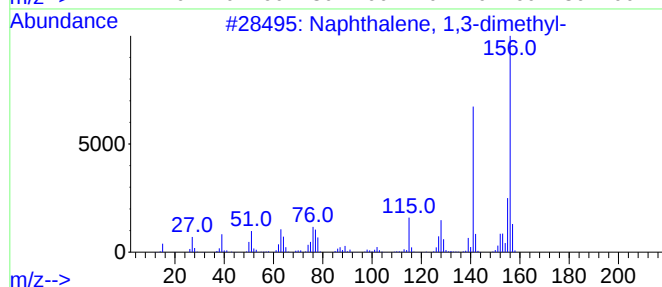
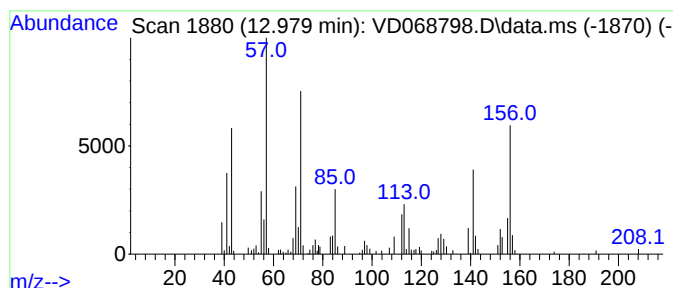
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	5.25 ug/l	278077	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	55
2			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	42
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	42
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42



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S-2

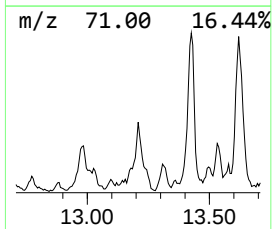
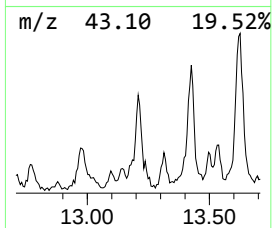
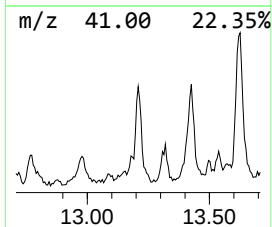
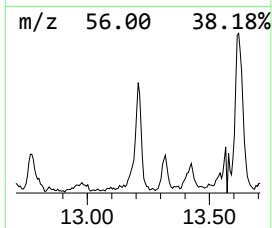
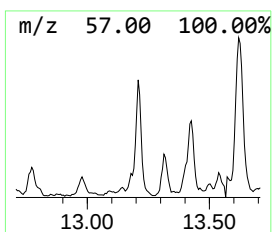
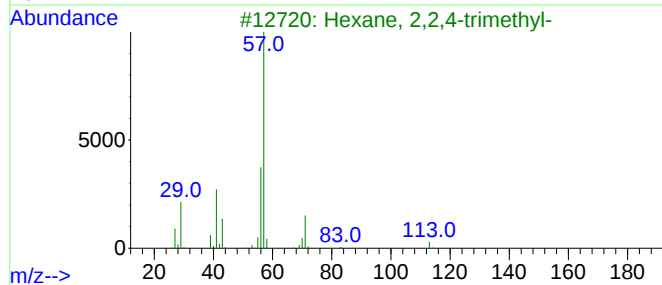
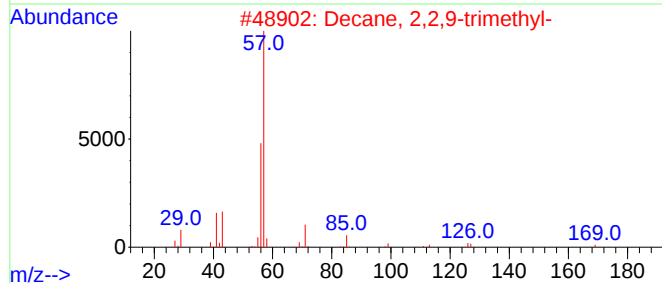
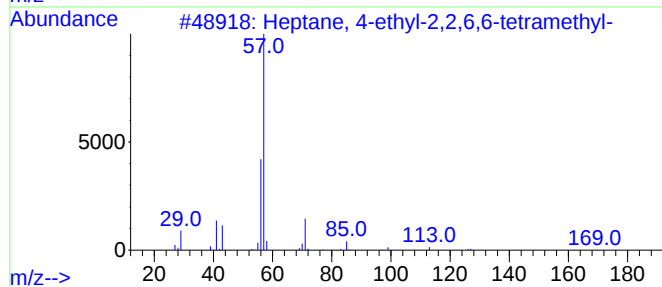
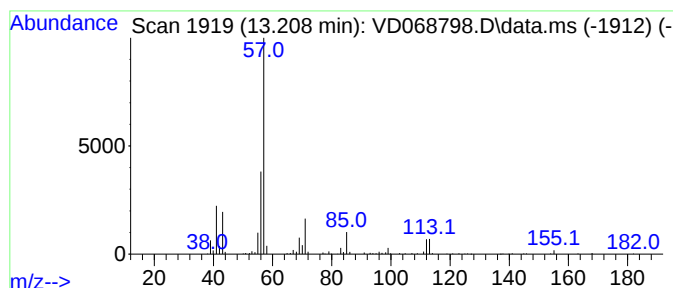
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Quant Title : SW846 8260

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

Peak Number 6 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.208	6.95 ug/l	367888	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068798.D
Acq On : 08 Apr 2021 19:23
Operator : VA/SY
Sample : M1979-02
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

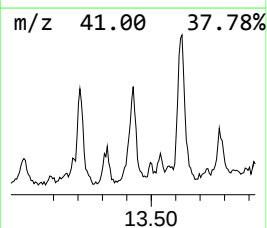
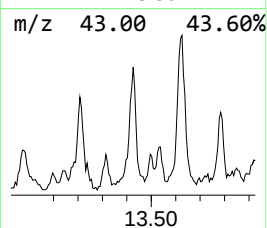
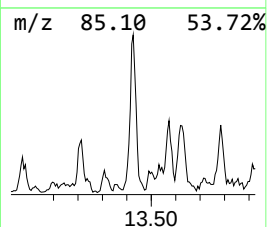
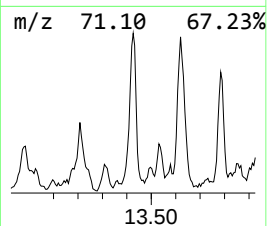
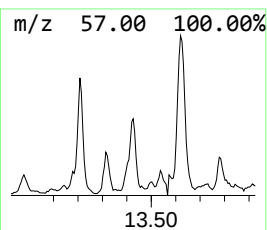
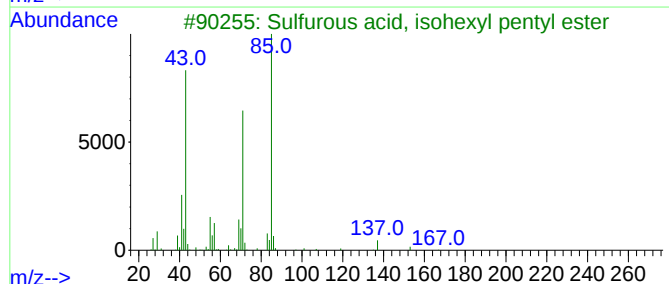
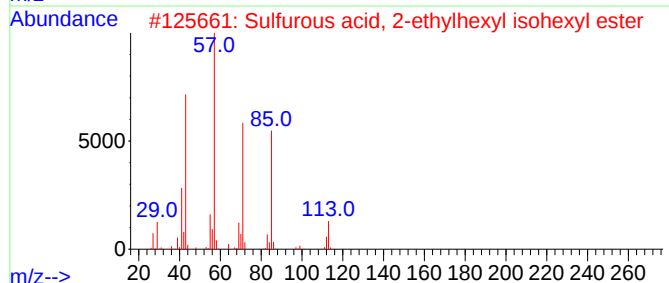
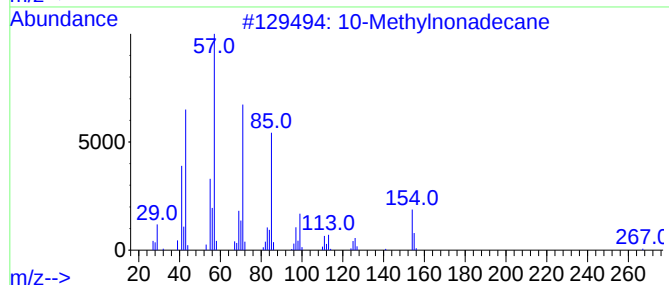
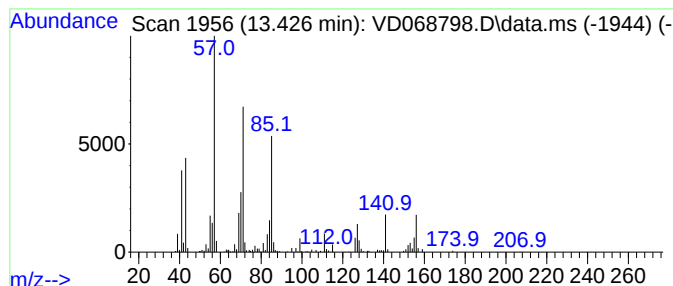
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Quant Title : SW846 8260

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

Peak Number 7 10-Methylnonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	13.41 ug/l	710027	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	53
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
3			Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	46
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068798.D
Acq On : 08 Apr 2021 19:23
Operator : VA/SY
Sample : M1979-02
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

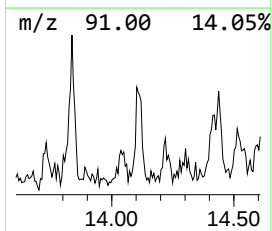
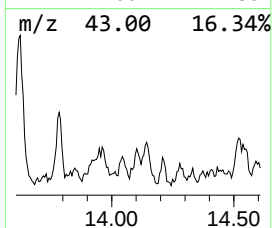
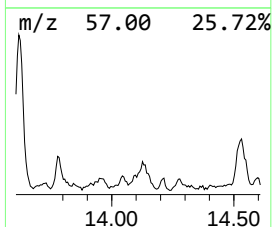
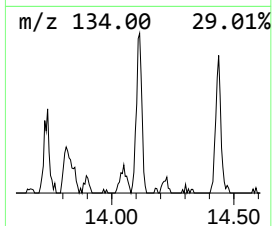
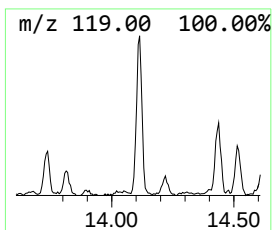
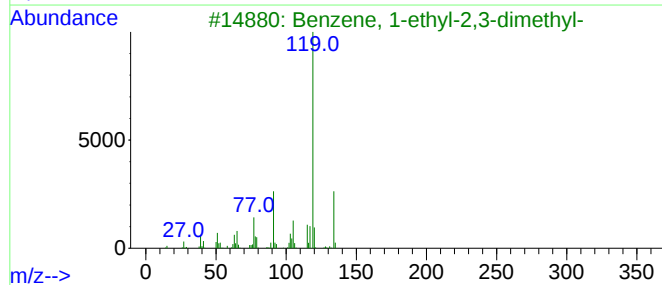
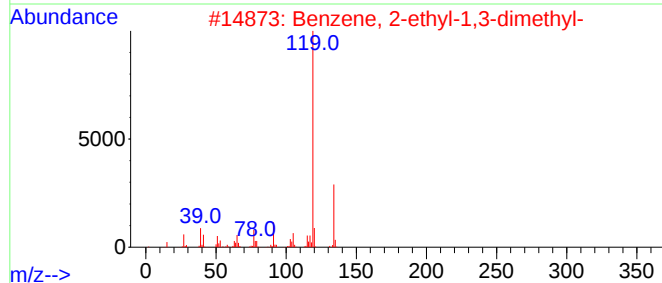
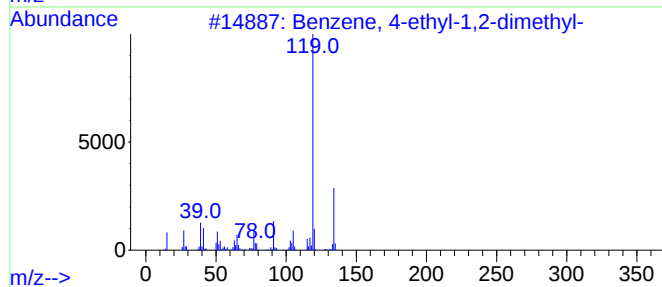
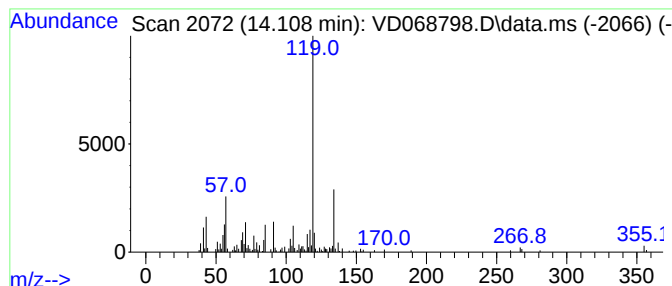
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.108	6.72 ug/l	355530	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068798.D
Acq On : 08 Apr 2021 19:23
Operator : VA/SY
Sample : M1979-02
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

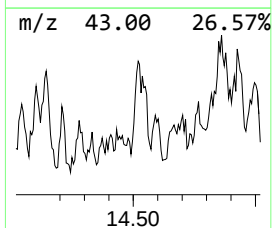
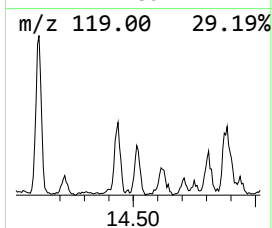
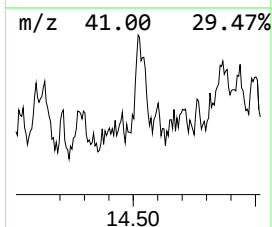
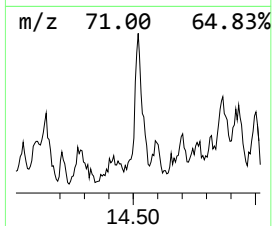
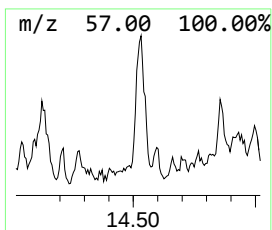
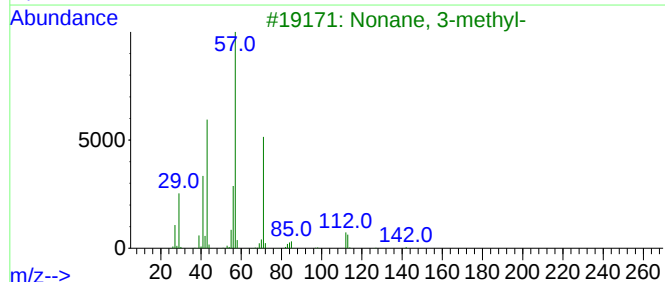
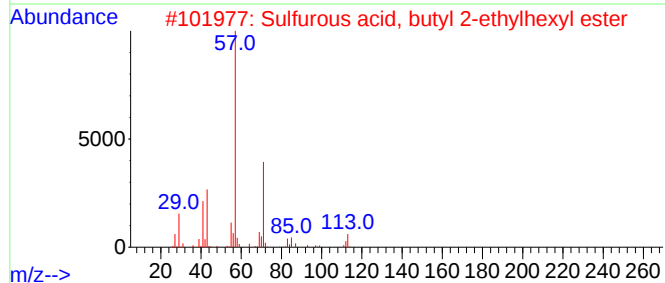
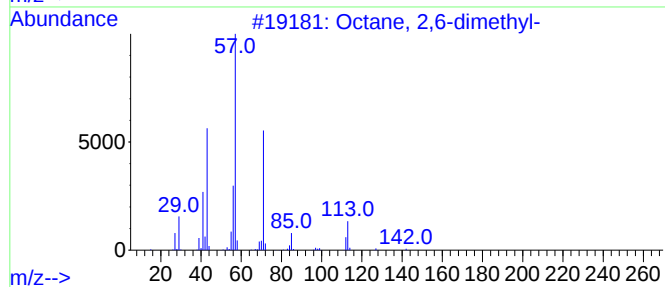
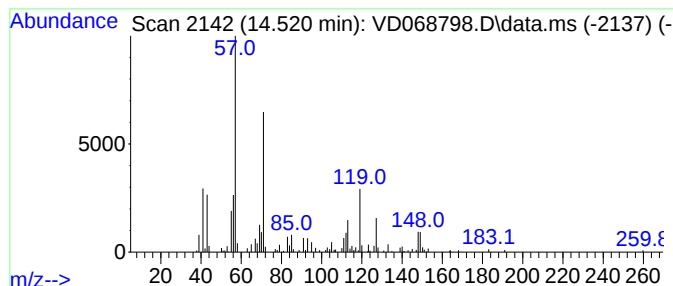
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.520 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.520	6.46 ug/l	341930	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	38
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	38
4			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	38
5			Octane, 1-iodo-	240	C8H17I	000629-27-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068798.D
Acq On : 08 Apr 2021 19:23
Operator : VA/SY
Sample : M1979-02
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.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
Butane, 2,2,3,3...	8.508	11.9	ug/l	428113	2	8.867	1803690	50.0
Pentane, 2,3,4-...	9.779	5.5	ug/l	196925	2	8.867	1803690	50.0
Decane, 3,3,4-t...	9.914	7.2	ug/l	260580	2	8.867	1803690	50.0
Naphthalene, 1,...	12.979	5.3	ug/l	278077	4	13.573	2646430	50.0
Heptane, 4-ethy...	13.208	7.0	ug/l	367888	4	13.573	2646430	50.0
10-Methylnonade...	13.426	13.4	ug/l	710027	4	13.573	2646430	50.0
Benzene, 4-ethy...	14.108	6.7	ug/l	355530	4	13.573	2646430	50.0
unknown14.520	14.520	6.5	ug/l	341930	4	13.573	2646430	50.0