

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068715.D
 Acq On : 29 Mar 2021 23:12
 Operator : VA/SY
 Sample : M1836-06
 Misc : 8.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-10-12

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\82D031921S.M
 Title : SW846 8260

Signal : TIC: VD068715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.344	62	72	80	rBV	221173	395085	4.25%	0.360%
2	3.032	180	189	201	rBV	1054669	2343666	25.20%	2.135%
3	3.321	229	238	244	rBV	40084	93634	1.01%	0.085%
4	3.409	244	253	272	rVB2	464348	1305878	14.04%	1.190%
5	3.609	278	287	298	rVB2	182832	441705	4.75%	0.402%
6	3.785	307	317	324	rBV	83436	202782	2.18%	0.185%
7	3.879	324	333	345	rVB2	307706	826143	8.88%	0.753%
8	4.150	365	379	394	rBV4	81394	294317	3.16%	0.268%
9	4.838	483	496	504	rBV5	47831	178334	1.92%	0.162%
10	4.950	504	515	519	rBV3	196839	647753	6.96%	0.590%
11	5.020	520	527	542	rVB2	375533	1403667	15.09%	1.279%
12	5.491	594	607	622	rBV4	395351	1405319	15.11%	1.280%
13	5.814	651	662	677	rVB5	63585	239213	2.57%	0.218%
14	5.997	681	693	706	rBV	356752	1082377	11.64%	0.986%
15	6.167	711	722	731	rBV3	60703	183298	1.97%	0.167%
16	6.279	731	741	746	rBV2	86712	263583	2.83%	0.240%
17	6.344	746	752	764	rVB	144803	419658	4.51%	0.382%
18	6.485	764	776	784	rBV2	72177	230618	2.48%	0.210%
19	6.614	793	798	806	rVB4	34588	94548	1.02%	0.086%
20	6.779	815	826	839	rVB3	139490	424233	4.56%	0.387%
21	6.926	839	851	860	rVV	300817	904846	9.73%	0.824%
22	7.032	860	869	877	rVV	352923	1048589	11.27%	0.955%
23	7.732	980	988	997	rVB	192192	476387	5.12%	0.434%
24	7.920	1009	1020	1023	rBV2	506801	1256406	13.51%	1.145%
25	7.979	1023	1030	1038	rVV4	1239904	3538593	38.04%	3.224%
26	8.067	1038	1045	1055	rVB	582877	1482732	15.94%	1.351%
27	8.191	1055	1066	1074	rBV	579445	1358267	14.60%	1.238%
28	8.344	1082	1092	1103	rBV3	795235	2195269	23.60%	2.000%
29	8.508	1103	1120	1131	rVV	3538143	9301895	100.00%	8.475%
30	8.603	1131	1136	1146	rVB2	131848	335324	3.60%	0.306%
31	8.720	1146	1156	1171	rVB	546060	1261911	13.57%	1.150%
32	8.867	1171	1181	1195	rBV	1533484	3516033	37.80%	3.204%
33	9.020	1202	1207	1214	rVV	58889	112889	1.21%	0.103%
34	9.138	1224	1227	1239	rVB3	73149	193687	2.08%	0.176%
35	9.355	1250	1264	1269	rBV	983564	2270980	24.41%	2.069%
36	9.408	1269	1273	1280	rVV	607791	1141403	12.27%	1.040%

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Integrator: RTE

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Stop Thrs : 0

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37	9.491	1280	1287	1291	rVV	206448	430645	4.63%	0.392%
38	9.538	1291	1295	1301	rVV	109031	208866	2.25%	0.190%
39	9.632	1301	1311	1317	rVB5	75743	208804	2.24%	0.190%
40	9.779	1328	1336	1346	rBV	1978931	3913694	42.07%	3.566%
41	9.914	1346	1359	1365	rBV	2402089	5200924	55.91%	4.739%
42	9.979	1365	1370	1374	rBV	301406	495180	5.32%	0.451%
43	10.114	1383	1393	1405	rBV2	475889	1172202	12.60%	1.068%
44	10.220	1405	1411	1413	rBV3	54081	96799	1.04%	0.088%
45	10.267	1413	1419	1425	rVB	631011	1101565	11.84%	1.004%
46	10.338	1425	1431	1437	rBV	2219253	4122256	44.32%	3.756%
47	10.402	1437	1442	1450	rVB	4400005	7851253	84.40%	7.153%
48	10.520	1455	1462	1469	rVV2	511701	998902	10.74%	0.910%
49	10.785	1498	1507	1515	rVB6	166625	481712	5.18%	0.439%
50	10.867	1515	1521	1527	rVB5	92386	177292	1.91%	0.162%
51	10.955	1527	1536	1541	rBV2	85773	172974	1.86%	0.158%
52	11.055	1547	1553	1561	rVB	112686	237894	2.56%	0.217%
53	11.355	1599	1604	1608	rBV3	74616	117541	1.26%	0.107%
54	11.426	1608	1616	1627	rVB3	288075	723450	7.78%	0.659%
55	11.526	1627	1633	1638	rBV	229453	400833	4.31%	0.365%
56	11.644	1644	1653	1661	rBV	2055075	3668414	39.44%	3.342%
57	11.744	1661	1670	1679	rVV	1521335	2635601	28.33%	2.401%
58	11.849	1679	1688	1699	rVV	4534687	8680706	93.32%	7.909%
59	12.079	1716	1727	1733	rBV5	50658	121992	1.31%	0.111%
60	12.179	1733	1744	1752	rBV	1458503	2570874	27.64%	2.342%
61	12.267	1754	1759	1764	rVB	73360	128558	1.38%	0.117%
62	12.349	1764	1773	1776	rBV4	53385	138245	1.49%	0.126%
63	12.479	1790	1795	1800	rBV	124815	237788	2.56%	0.217%
64	12.632	1810	1821	1831	rVB2	1934223	3812409	40.99%	3.474%
65	12.820	1847	1853	1858	rVB	356237	574913	6.18%	0.524%
66	12.879	1858	1863	1867	rBV	1095727	1875925	20.17%	1.709%
67	12.914	1867	1869	1872	rVV	498270	642603	6.91%	0.585%
68	12.955	1872	1876	1883	rVB	635938	1084477	11.66%	0.988%
69	13.120	1896	1904	1911	rBV	337182	640264	6.88%	0.583%
70	13.267	1923	1929	1934	rBV	1555133	2414786	25.96%	2.200%
71	13.426	1942	1956	1960	rBV4	192688	576815	6.20%	0.526%
72	13.573	1972	1981	2001	rVB2	2022350	4313282	46.37%	3.930%
73	13.732	2003	2008	2010	rBV3	107706	169500	1.82%	0.154%
74	13.767	2010	2014	2018	rVV2	256417	442408	4.76%	0.403%
75	13.808	2018	2021	2031	rVB4	258499	502893	5.41%	0.458%
76	13.891	2031	2035	2040	rBV3	138728	229064	2.46%	0.209%

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77	14.026	2054	2058	2061	rBV2	107837	178646	1.92%	0.163%
78	14.108	2067	2072	2078	rVB	249244	404749	4.35%	0.369%
79	14.220	2085	2091	2096	rBV4	121665	205349	2.21%	0.187%
80	14.279	2096	2101	2108	rBV9	46561	115313	1.24%	0.105%
81	14.361	2108	2115	2118	rBV4	69878	156384	1.68%	0.142%
82	14.408	2119	2123	2125	rBV4	68960	112110	1.21%	0.102%
83	14.473	2131	2134	2138	rVB	105493	136150	1.46%	0.124%
84	14.520	2138	2142	2146	rBV3	124440	202643	2.18%	0.185%
85	14.708	2170	2174	2178	rVV3	58744	105924	1.14%	0.097%
86	14.749	2178	2181	2186	rVB4	76505	114719	1.23%	0.105%
87	14.814	2186	2192	2197	rBV4	151039	372792	4.01%	0.340%
88	14.867	2198	2201	2208	rVB4	114277	233349	2.51%	0.213%
89	15.085	2234	2238	2242	rBV4	64407	104046	1.12%	0.095%
90	15.361	2280	2285	2288	rBV	129673	233679	2.51%	0.213%
91	16.337	2447	2451	2458	rVB5	69493	132716	1.43%	0.121%
92	16.490	2471	2477	2488	rVB6	93303	232223	2.50%	0.212%
93	16.685	2504	2510	2517	rBV6	98995	268245	2.88%	0.244%

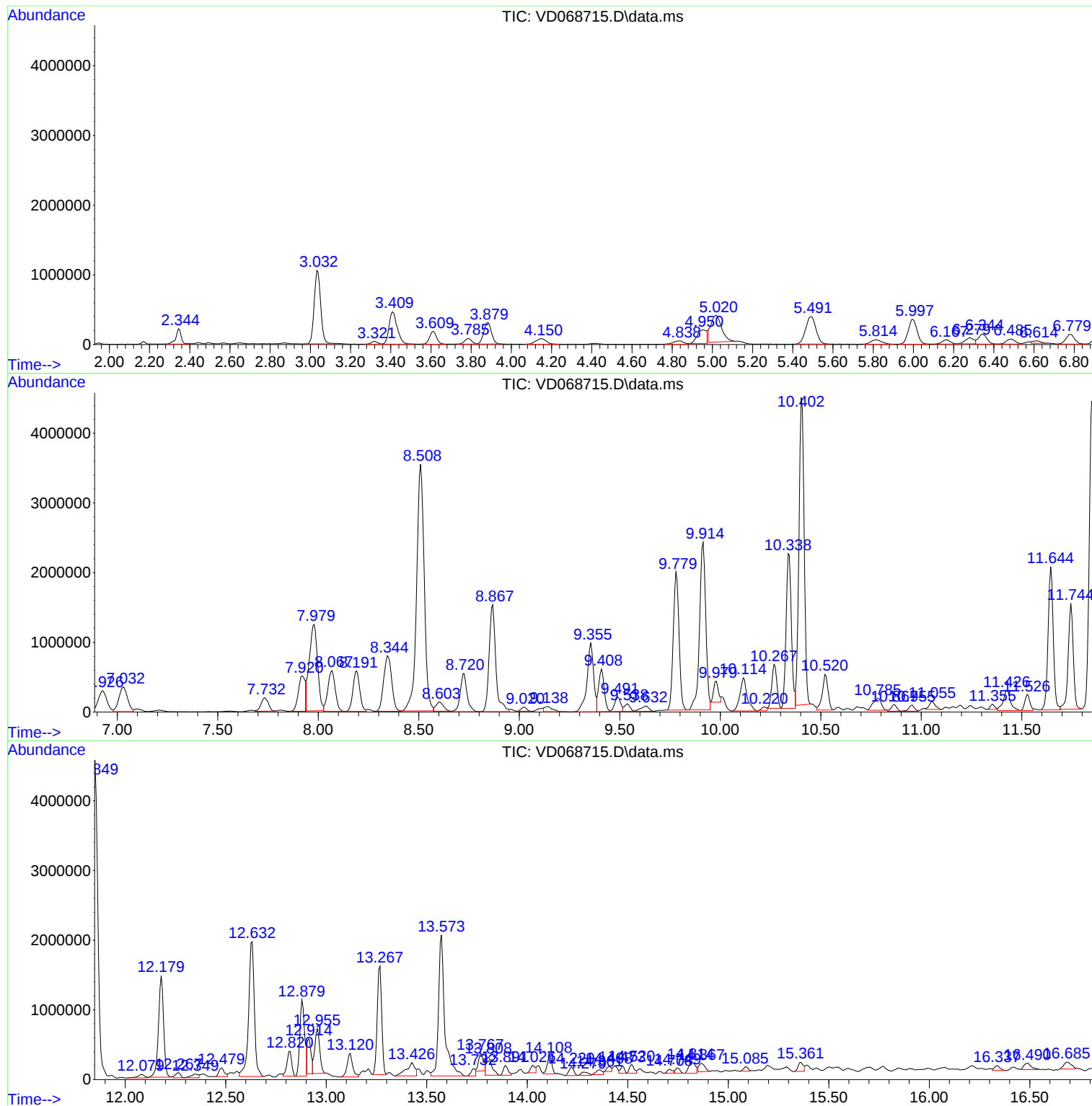
Sum of corrected areas: 109754362

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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



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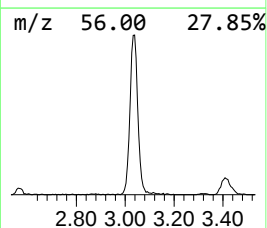
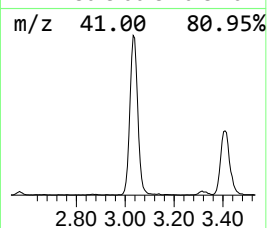
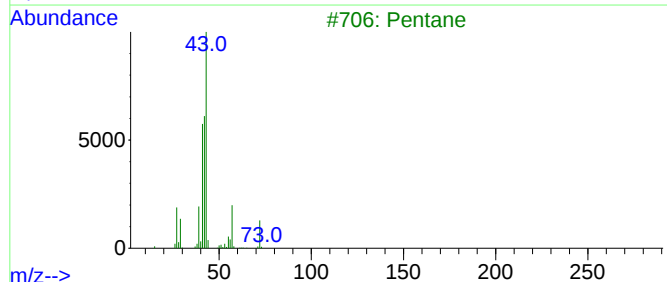
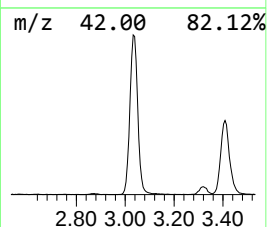
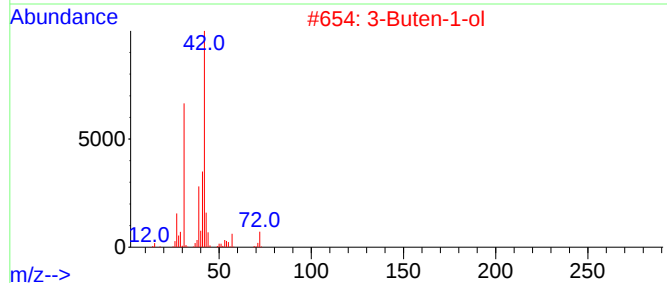
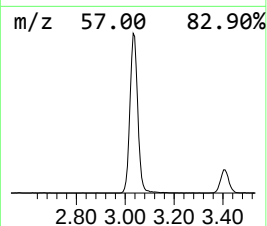
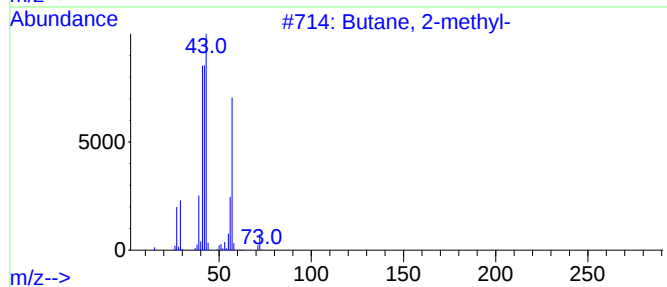
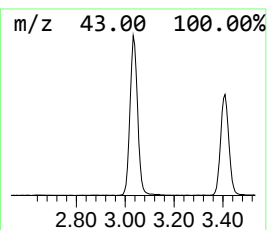
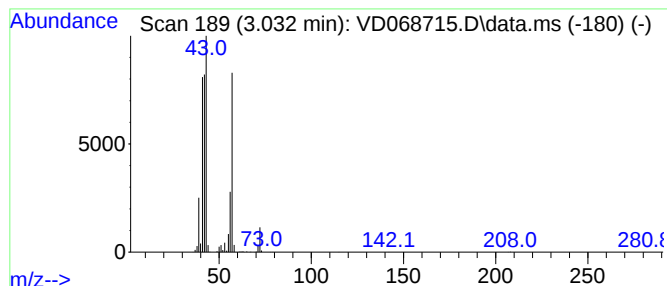
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.032	33.12 ug/l	2343670	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	94
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Pentane	72	C5H12	000109-66-0	43
4			1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	12
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12



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Instrument :
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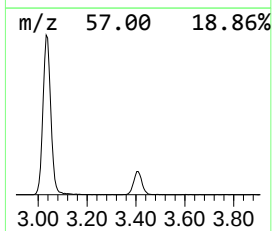
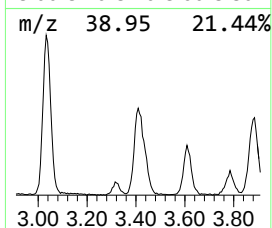
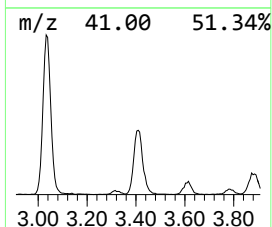
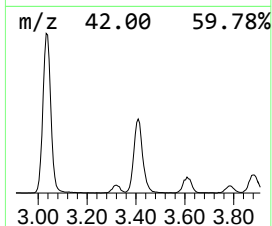
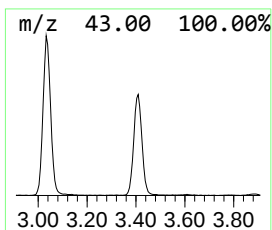
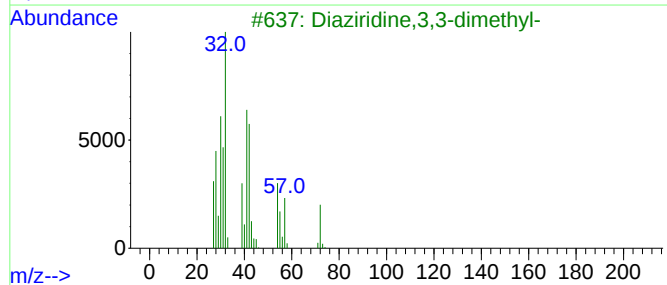
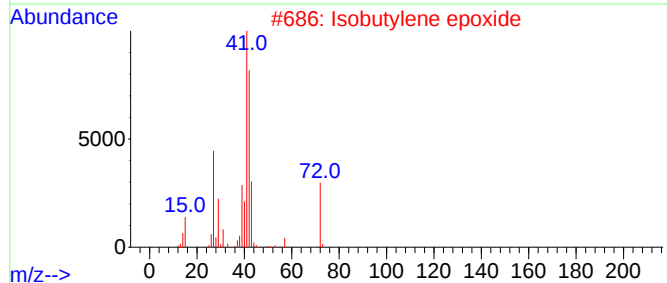
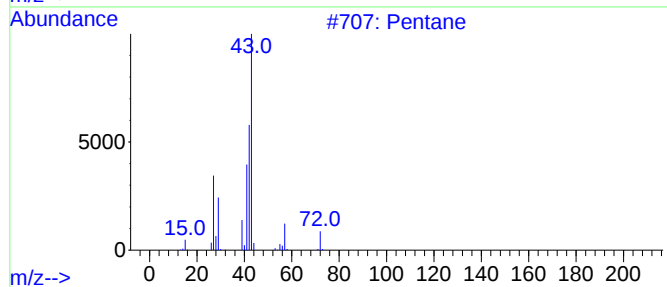
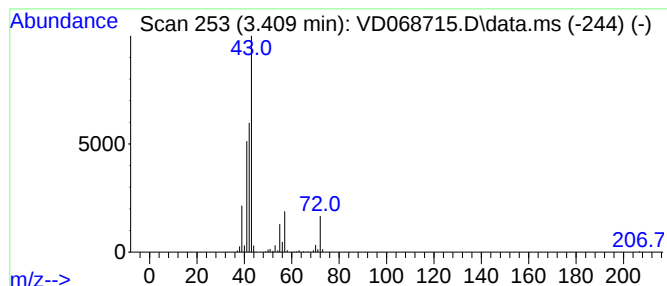
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.409	18.45 ug/l	1305880	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Isobutylene epoxide			72	C4H8O	000558-30-5	49
3	Diaziridine,3,3-dimethyl-			72	C3H8N2	004901-76-2	43
4	Oxirane, ethyl-			72	C4H8O	000106-88-7	40
5	Butane, 2-methyl-			72	C5H12	000078-78-4	36



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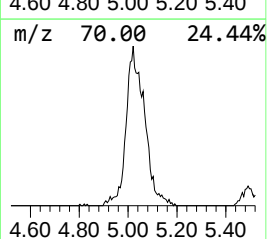
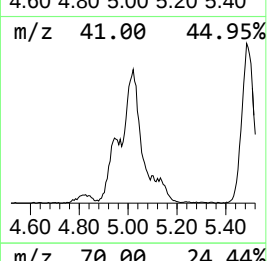
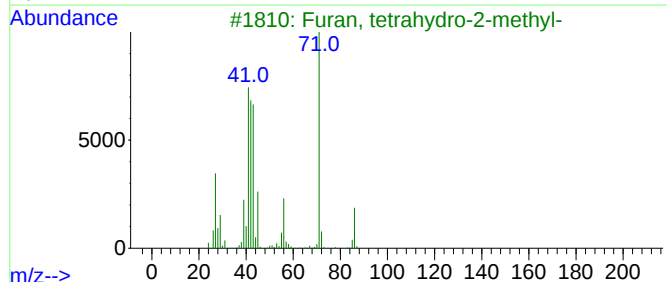
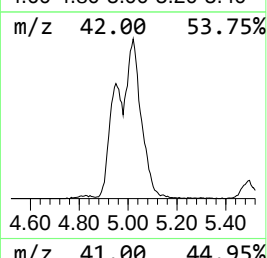
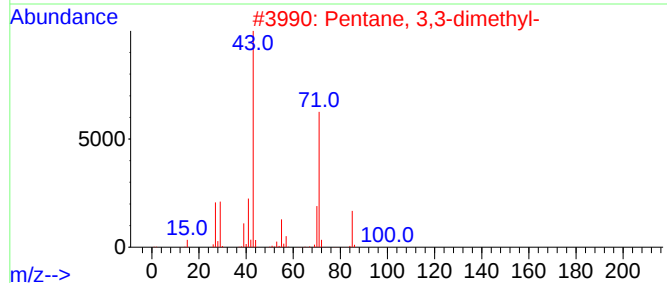
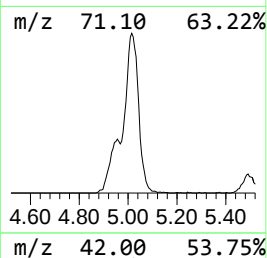
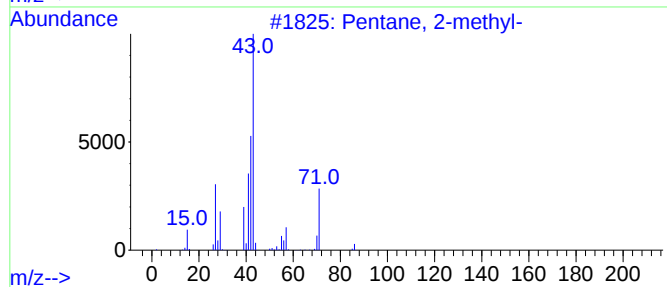
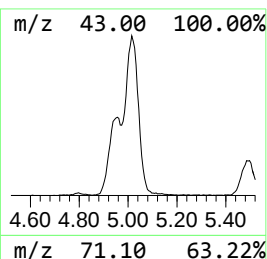
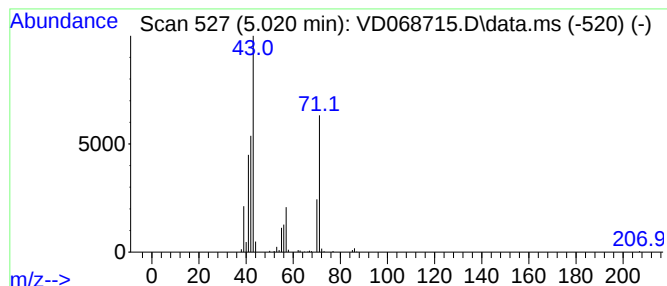
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.020	19.83 ug/l	1403670	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	56
2			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	40
3			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	36
4			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	33
5			Pentane	72	C5H12	000109-66-0	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

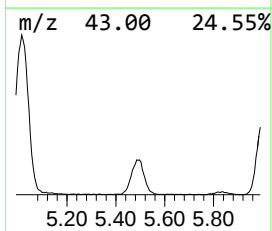
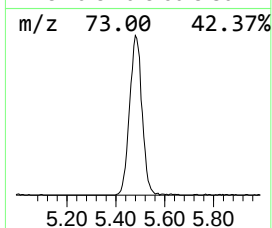
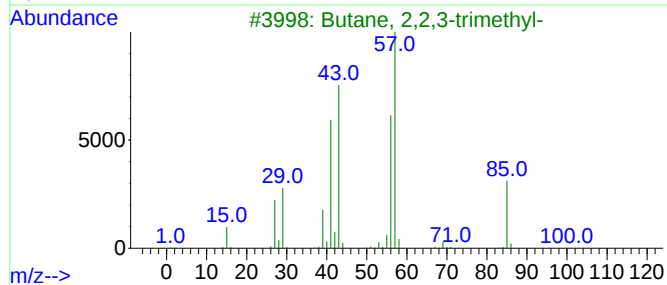
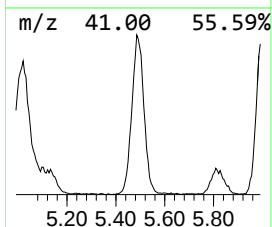
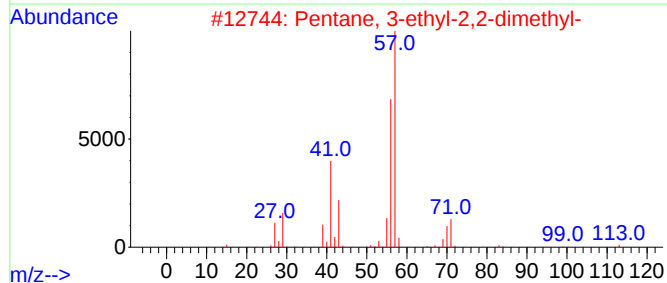
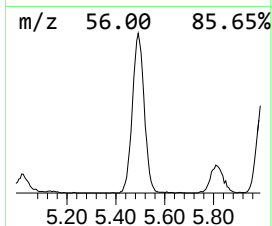
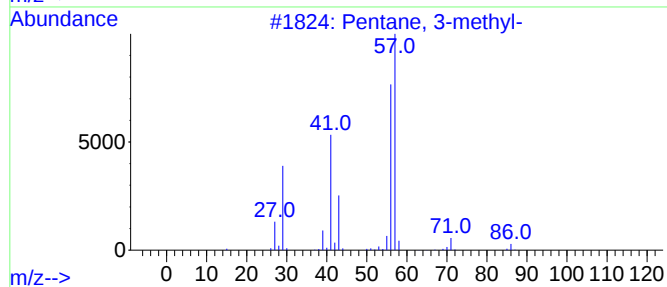
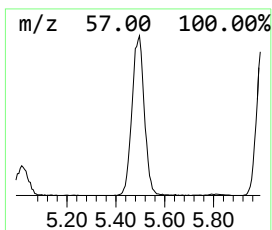
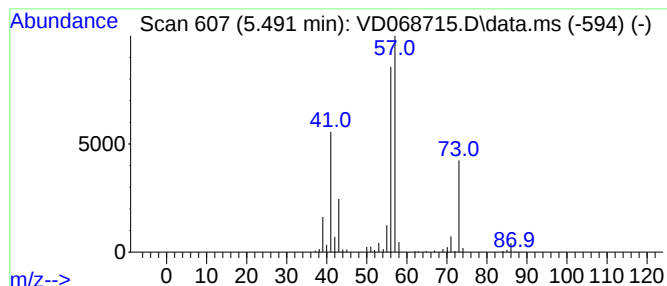
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Quant Title : SW846 8260

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

Peak Number 4 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.491	19.86 ug/l	1405320	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
3			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5			3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

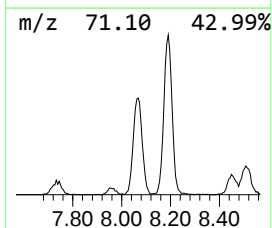
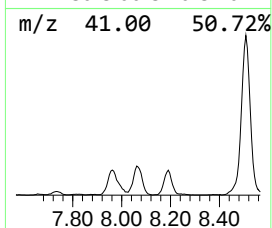
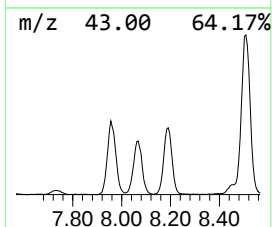
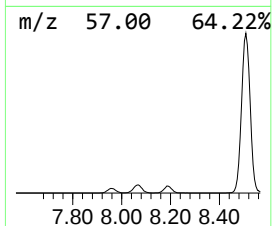
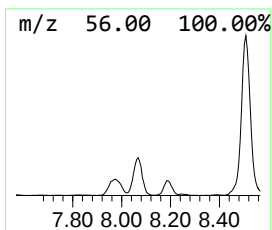
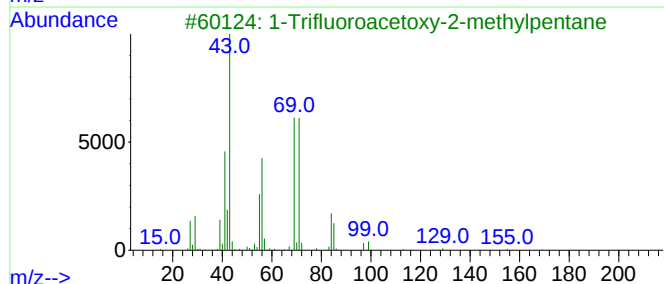
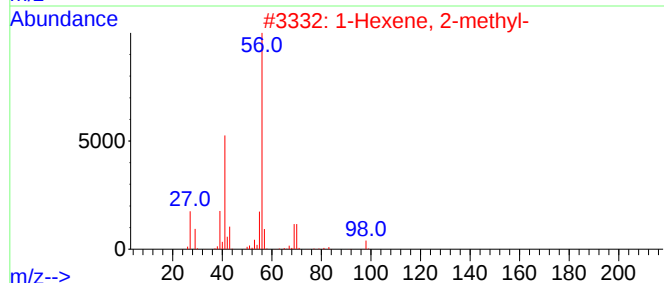
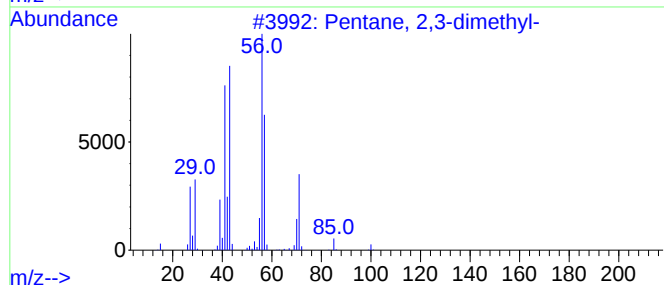
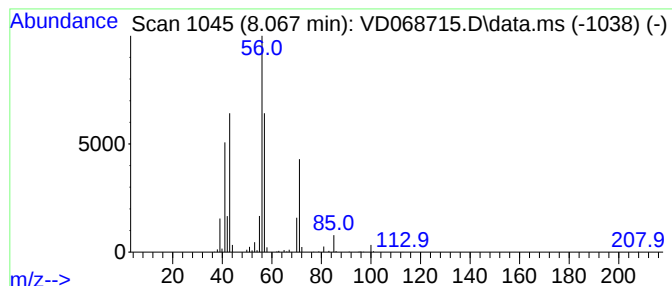
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.067	20.95 ug/l	1482730	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47
3			1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	43
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

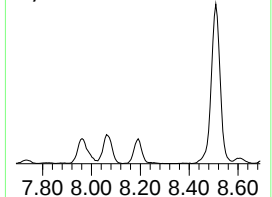
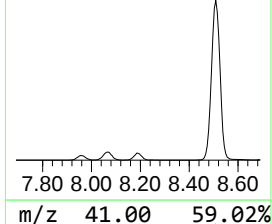
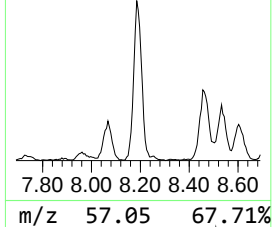
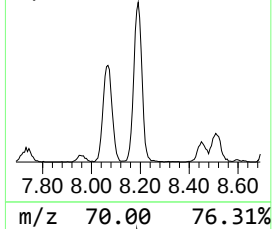
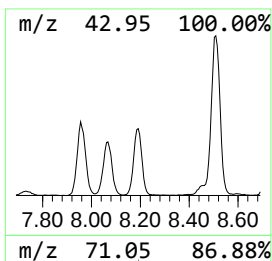
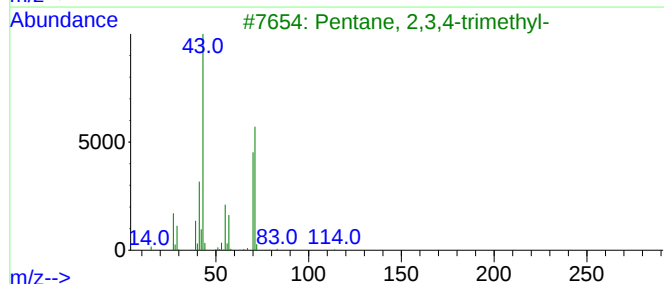
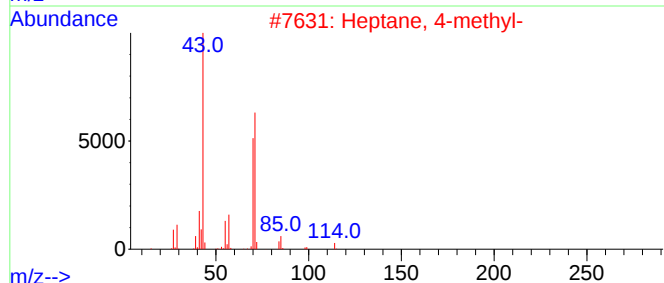
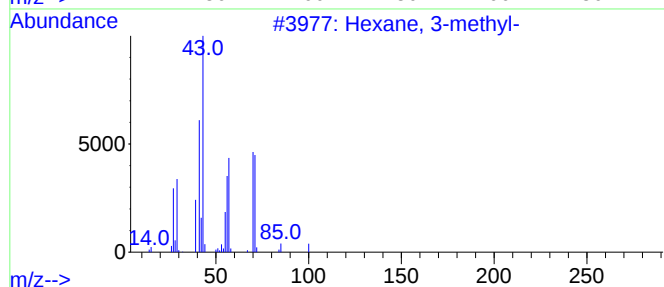
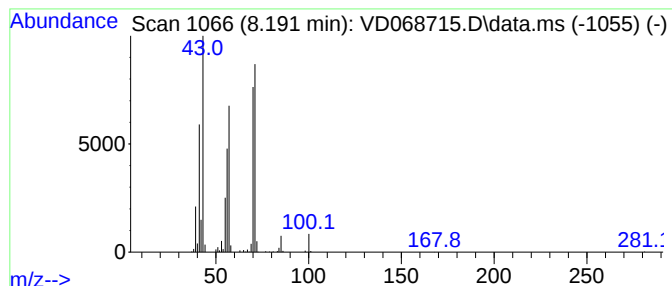
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.191	19.19 ug/l	1358270	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

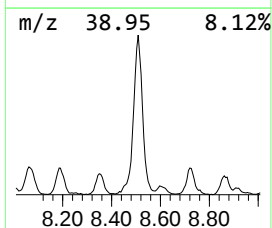
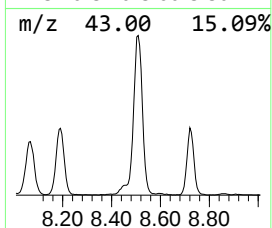
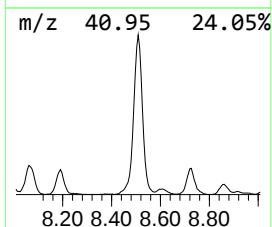
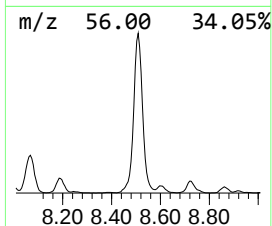
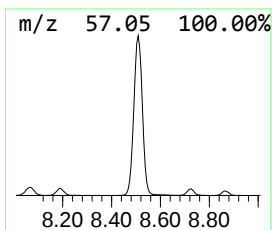
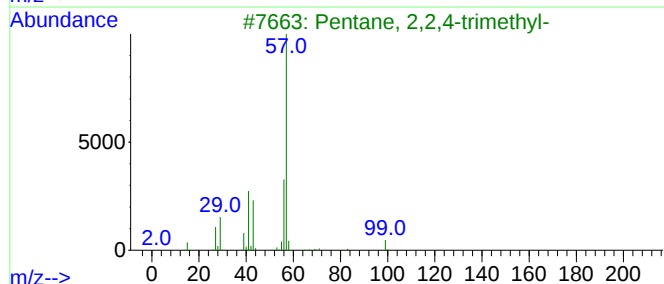
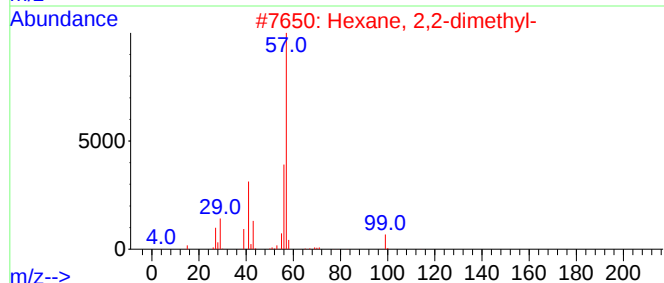
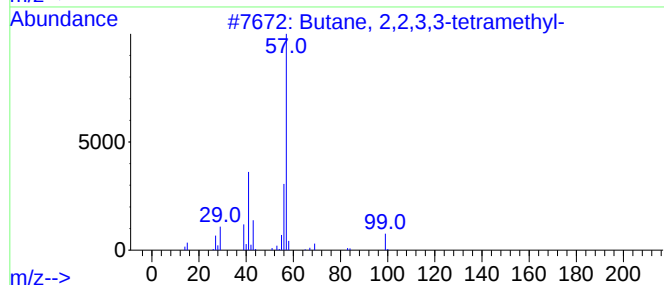
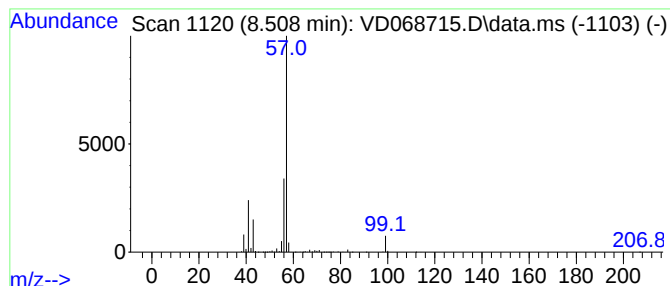
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Quant Title : SW846 8260

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

Peak Number 7 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	132.28 ug/l	9301900	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	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

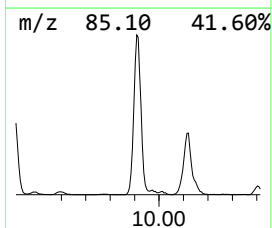
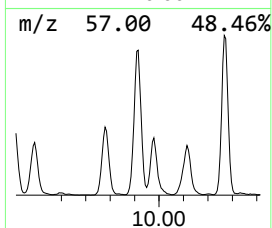
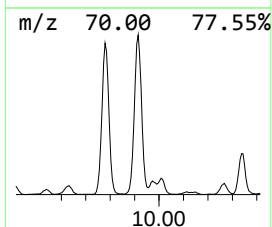
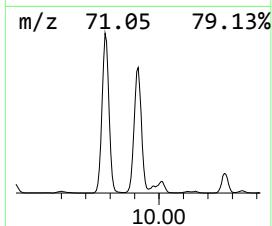
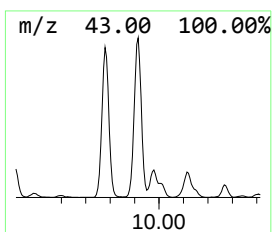
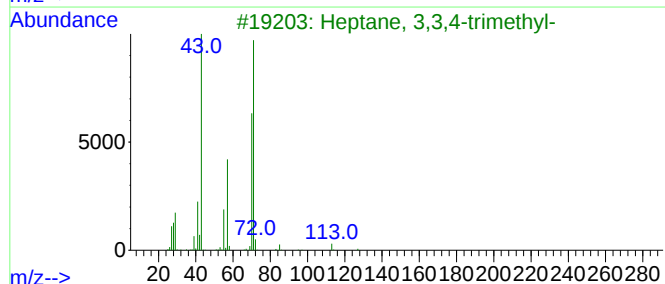
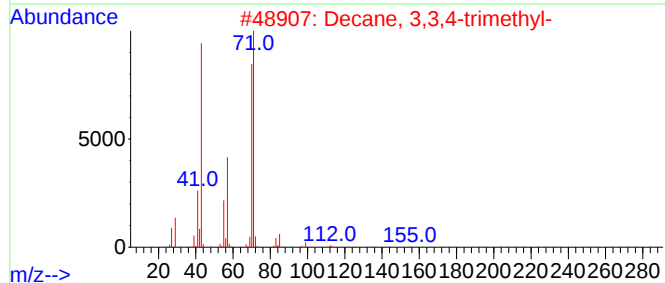
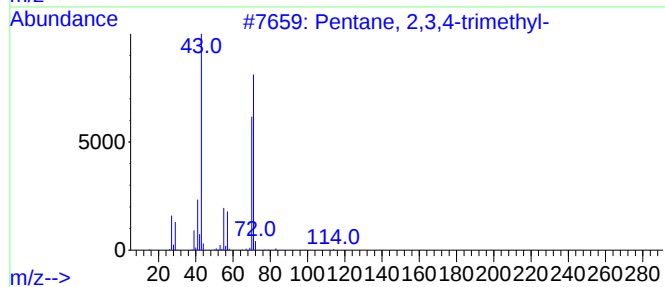
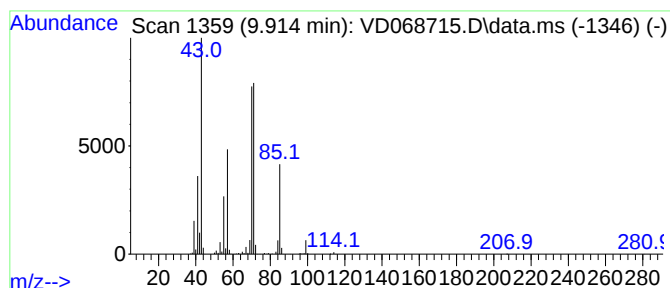
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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

Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.914	73.96 ug/l	5200920	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	72
2			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
4			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

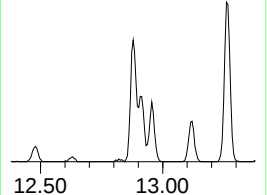
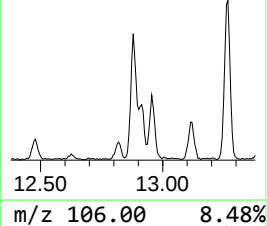
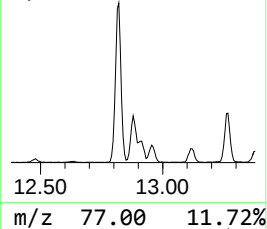
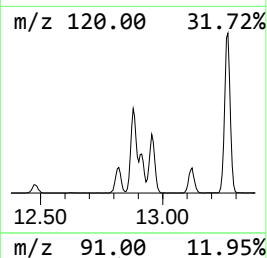
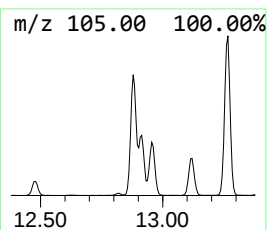
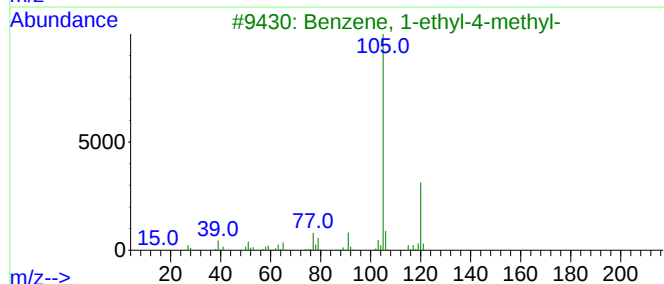
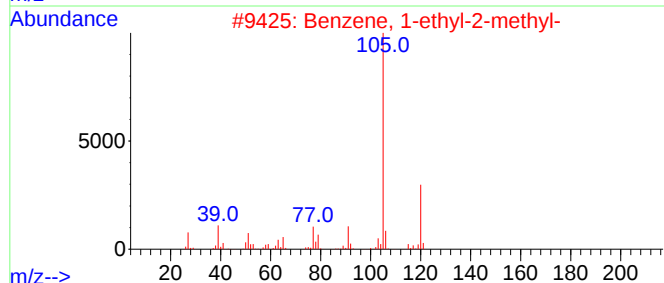
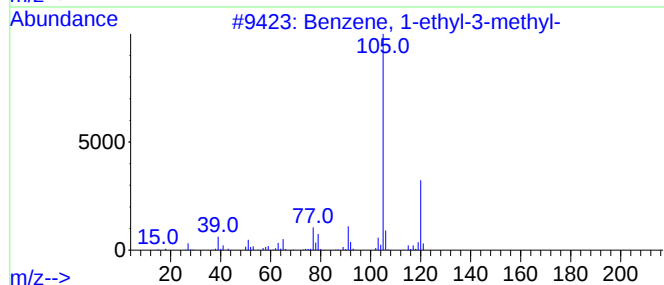
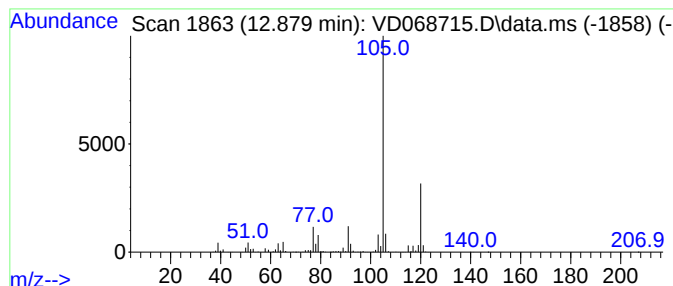
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	21.75 ug/l	1875930	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068715.D
Acq On : 29 Mar 2021 23:12
Operator : VA/SY
Sample : M1836-06
Misc : 8.44G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B3-10-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.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-methyl-	3.032	33.1	ug/l	2343670	1	7.979	3538590	50.0
Pentane	3.409	18.4	ug/l	1305880	1	7.979	3538590	50.0
Pentane, 2-methyl-	5.020	19.8	ug/l	1403670	1	7.979	3538590	50.0
Pentane, 3-methyl-	5.491	19.9	ug/l	1405320	1	7.979	3538590	50.0
Pentane, 2,3-di...	8.067	20.9	ug/l	1482730	1	7.979	3538590	50.0
Hexane, 3-methyl-	8.191	19.2	ug/l	1358270	1	7.979	3538590	50.0
Butane, 2,2,3,3...	8.508	132.3	ug/l	9301900	2	8.867	3516030	50.0
Pentane, 2,3,4-...	9.914	74.0	ug/l	5200920	2	8.867	3516030	50.0
Benzene, 1-ethy...	12.879	21.8	ug/l	1875930	4	13.573	4313280	50.0