

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069333.D
 Acq On : 03 Jun 2021 19:03
 Operator : VA/SY
 Sample : M2583-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40955

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\82D060121S.M
 Title : SW846 8260

Signal : TIC: VD069333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.609	266	287	324	rBV	2249177	10045519	5.67%	0.658%
2	4.179	366	384	386	rBV4	48200751	177218889	100.00%	11.605%
3	7.215	888	900	909	rBV	788705	2156713	1.22%	0.141%
4	7.732	969	988	999	rBV	772397	2197270	1.24%	0.144%
5	7.956	1009	1026	1037	rBV	11132919	29011843	16.37%	1.900%
6	8.062	1037	1044	1054	rVV	3825854	9582582	5.41%	0.627%
7	8.191	1054	1066	1078	rVV	17005680	40394686	22.79%	2.645%
8	8.309	1078	1086	1101	rVB	4999020	12269355	6.92%	0.803%
9	8.456	1101	1111	1117	rBV3	2693704	7322805	4.13%	0.480%
10	8.526	1117	1123	1129	rVV4	1404208	4062511	2.29%	0.266%
11	8.597	1129	1135	1146	rVB	1478884	3480892	1.96%	0.228%
12	8.720	1146	1156	1167	rBV	21492487	44648179	25.19%	2.924%
13	8.861	1173	1180	1186	rBV2	985158	2138750	1.21%	0.140%
14	9.026	1200	1208	1220	rBV3	3483248	8131788	4.59%	0.532%
15	9.356	1249	1264	1270	rBV	7964912	20423836	11.52%	1.337%
16	9.409	1270	1273	1278	rVB	1282727	2094433	1.18%	0.137%
17	9.538	1288	1295	1301	rBV	1761863	3288203	1.86%	0.215%
18	9.773	1328	1335	1345	rVB3	1291886	2754722	1.55%	0.180%
19	9.914	1354	1359	1364	rVB3	1465619	2613149	1.47%	0.171%
20	9.979	1364	1370	1384	rVB2	3062299	7845139	4.43%	0.514%
21	10.114	1384	1393	1405	rVB	3034632	7195763	4.06%	0.471%
22	10.250	1405	1416	1425	rBV3	1845939	5498755	3.10%	0.360%
23	10.338	1425	1431	1435	rBV2	1794183	3768746	2.13%	0.247%
24	10.414	1435	1444	1445	rBV3	84334361	156913301	88.54%	10.275%
25	10.520	1455	1462	1469	rVB4	4445263	10791281	6.09%	0.707%
26	10.585	1469	1473	1479	rVB	1237375	1850471	1.04%	0.121%
27	10.767	1497	1504	1514	rBV7	1074182	3191971	1.80%	0.209%
28	11.079	1548	1557	1562	rBV2	4792499	8859766	5.00%	0.580%
29	11.426	1608	1616	1627	rVB3	2960491	6702336	3.78%	0.439%
30	11.526	1627	1633	1638	rBV	2466759	4049215	2.28%	0.265%
31	11.744	1662	1670	1679	rBV	17402728	29749290	16.79%	1.948%
32	11.850	1679	1688	1699	rBV3	53341075	111470524	62.90%	7.299%
33	12.179	1732	1744	1751	rBV	31035624	58633750	33.09%	3.840%
34	12.267	1751	1759	1763	rVB3	2146368	4147582	2.34%	0.272%
35	12.350	1763	1773	1775	rBV4	1339517	3043085	1.72%	0.199%
36	12.385	1775	1779	1786	rVB3	1391854	2995015	1.69%	0.196%

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37	12.479	1789	1795	1799	rBV	4151929	7652817	4.32%	0.501%
38	12.555	1800	1808	1810	rVV2	2014529	4218764	2.38%	0.276%
39	12.585	1810	1813	1823	rVB2	2641081	6534399	3.69%	0.428%
40	12.667	1823	1827	1831	rVB	2265986	2948490	1.66%	0.193%
41	12.814	1841	1852	1857	rVB	12652113	21972468	12.40%	1.439%
42	12.879	1857	1863	1867	rBV2	40061407	73683840	41.58%	4.825%
43	12.914	1867	1869	1872	rVV	21374441	31206694	17.61%	2.044%
44	12.955	1872	1876	1883	rVB2	31173903	55647405	31.40%	3.644%
45	13.114	1896	1903	1911	rBV	18435592	33952631	19.16%	2.223%
46	13.179	1911	1914	1916	rVV2	2575631	3457775	1.95%	0.226%
47	13.208	1916	1919	1923	rVV	4252105	5961624	3.36%	0.390%
48	13.267	1923	1929	1935	rVV2	61750010	109180269	61.61%	7.149%
49	13.314	1935	1937	1942	rVB2	2003681	2788091	1.57%	0.183%
50	13.391	1942	1950	1955	rBV3	40750709	69960235	39.48%	4.581%
51	13.461	1959	1962	1963	rVV	4153399	5409098	3.05%	0.354%
52	13.508	1963	1970	1977	rVB2	10134434	26457694	14.93%	1.733%
53	13.602	1977	1986	1988	rBV	21311793	36330412	20.50%	2.379%
54	13.632	1988	1991	2000	rVB2	31158857	51999551	29.34%	3.405%
55	13.732	2002	2008	2010	rBV	9351955	14061937	7.93%	0.921%
56	13.767	2010	2014	2017	rVV2	13633792	22951829	12.95%	1.503%
57	13.802	2017	2020	2030	rVB4	12238654	25958149	14.65%	1.700%
58	13.891	2030	2035	2041	rBV3	6736085	10525852	5.94%	0.689%
59	13.961	2042	2047	2052	rVB	3433627	5464005	3.08%	0.358%
60	14.026	2052	2058	2061	rBV	5190080	9505293	5.36%	0.622%
61	14.108	2067	2072	2078	rVB	7129185	10966375	6.19%	0.718%
62	14.220	2086	2091	2096	rVB2	3335409	5461778	3.08%	0.358%
63	14.355	2108	2114	2118	rBV2	1502965	2980713	1.68%	0.195%
64	14.402	2118	2122	2124	rVV3	1697522	2659405	1.50%	0.174%
65	14.438	2124	2128	2131	rVV	2382099	4283397	2.42%	0.280%
66	14.473	2131	2134	2138	rVV	2675733	3617609	2.04%	0.237%
67	14.544	2138	2146	2154	rVB	6664699	14569873	8.22%	0.954%
68	14.708	2169	2174	2177	rBV3	3399275	6377198	3.60%	0.418%
69	14.744	2177	2180	2186	rVB2	4008992	5906055	3.33%	0.387%
70	14.820	2186	2193	2197	rBV4	2611601	6164731	3.48%	0.404%
71	14.867	2197	2201	2210	rVB5	1746897	4211975	2.38%	0.276%
72	14.985	2211	2221	2226	rBV7	808505	2412575	1.36%	0.158%
73	15.279	2266	2271	2281	rVB2	3064286	5360123	3.02%	0.351%
74	15.391	2286	2290	2304	rVB	1569131	3766906	2.13%	0.247%

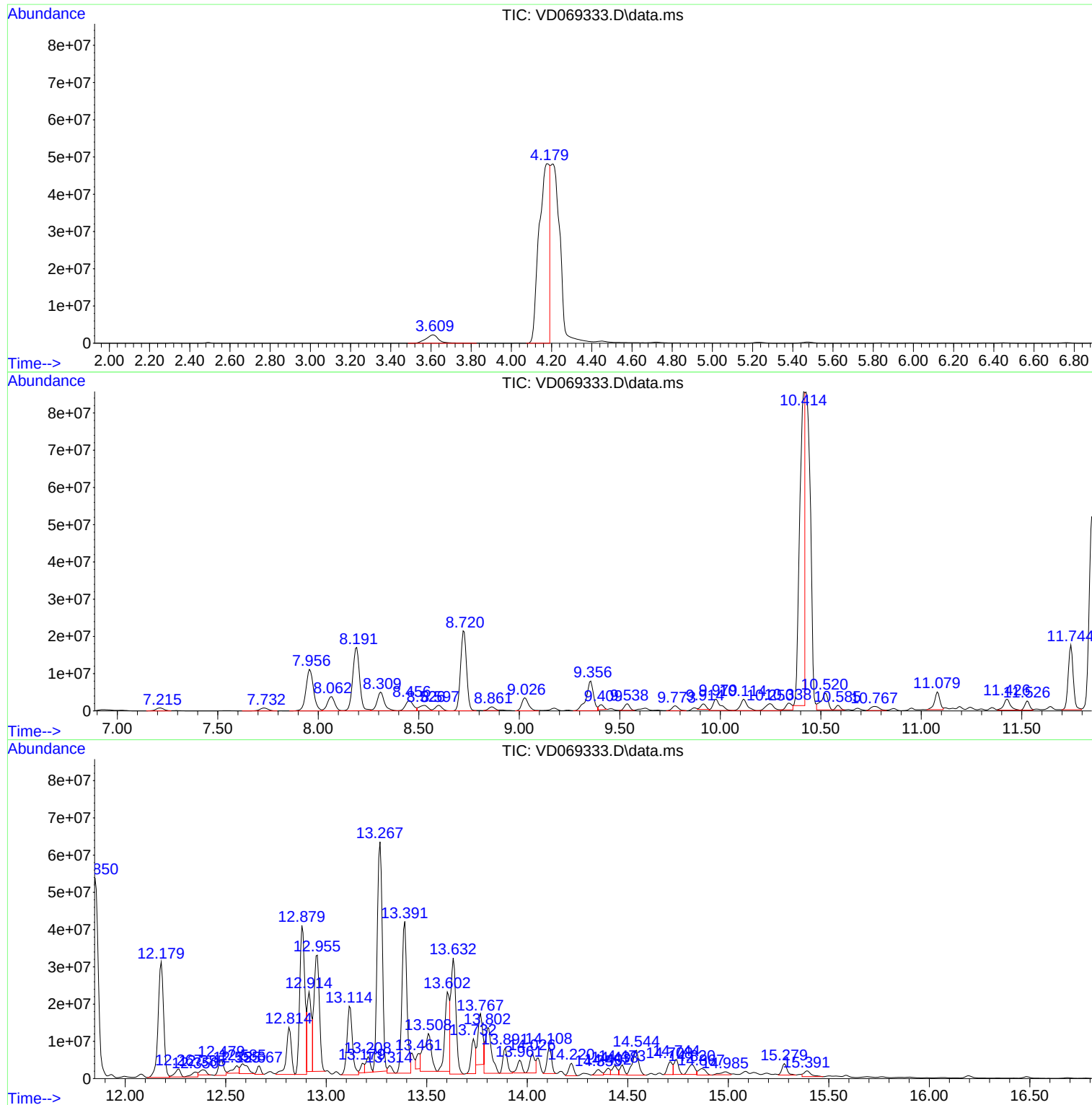
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Instrument :
MSVOA_D
ClientSampleId :
40955

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
40955

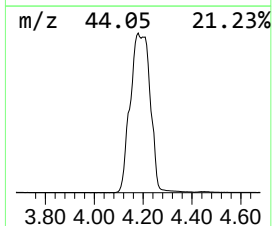
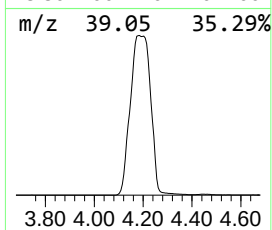
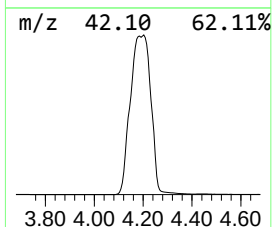
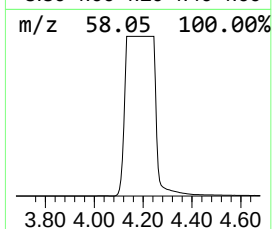
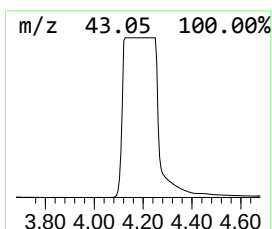
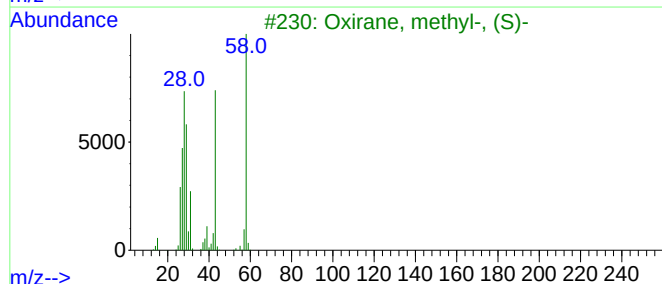
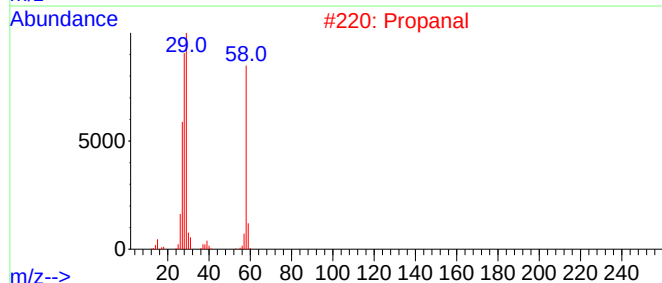
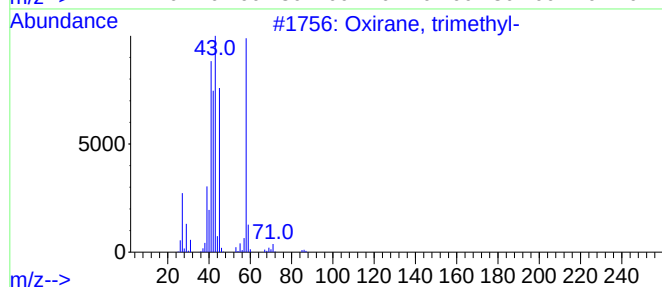
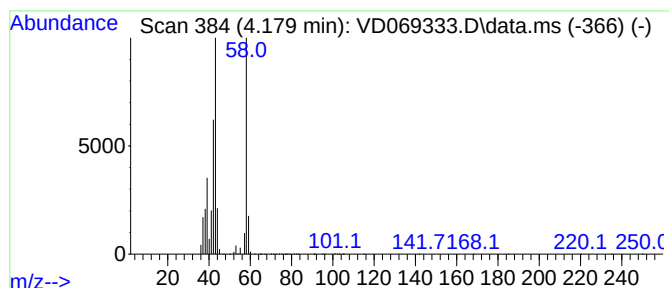
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown4.179 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.179	305.43 ug/l	177219000	Pentafluorobenzene	7.979

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, trimethyl-	86	C5H10O	005076-19-7	25
2		Propanal	58	C3H6O	000123-38-6	9
3		Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	9
4		1,3-Propanediamine, N,N,N',N'-te...	130	C7H18N2	000110-95-2	9
5		Butanimidamide	86	C4H10N2	000107-90-4	9



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Instrument :
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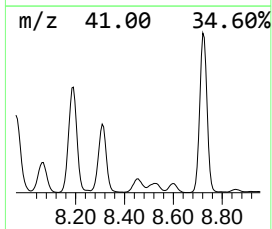
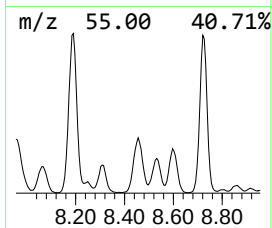
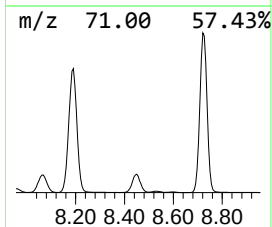
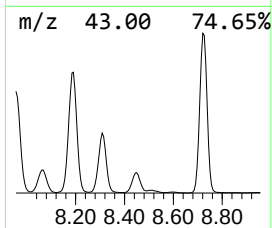
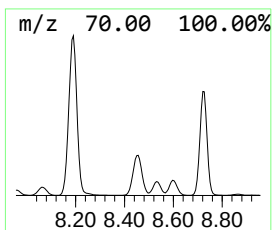
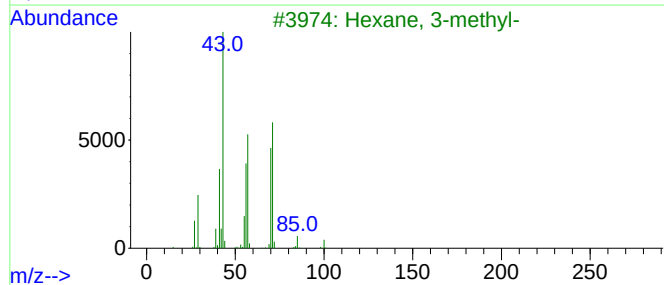
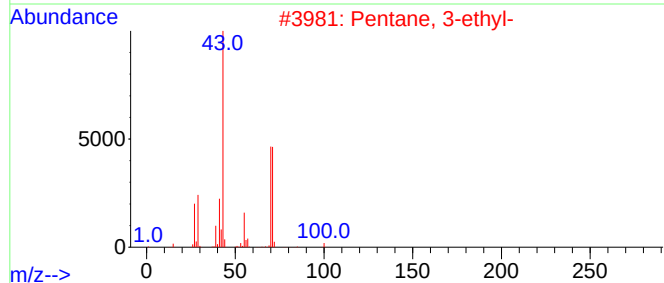
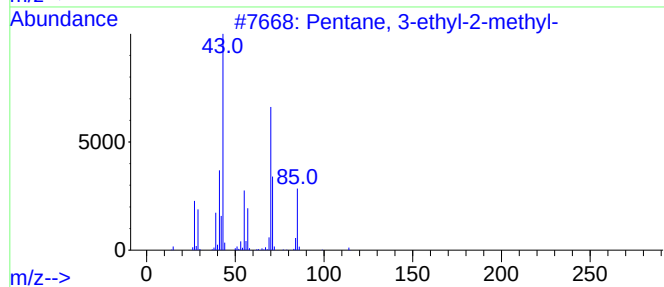
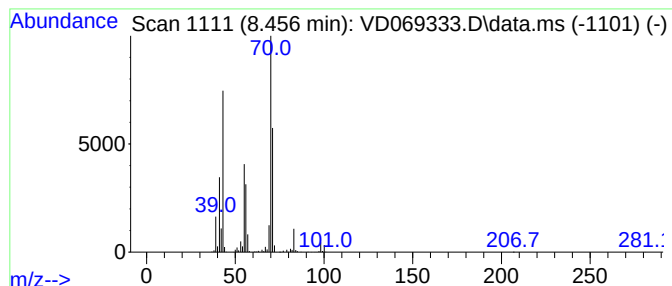
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.456	171.19 ug/l	7322810	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	56
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	46
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	43
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
5			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	40



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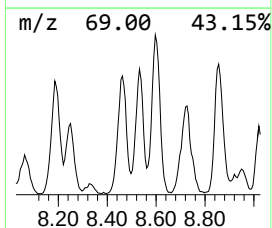
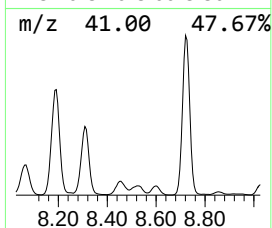
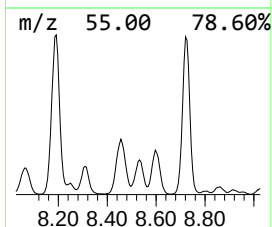
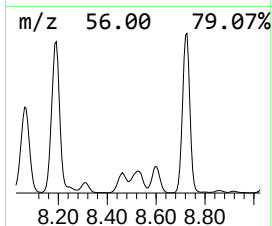
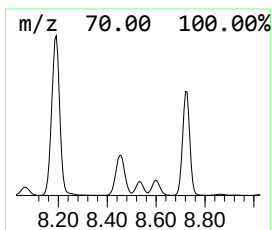
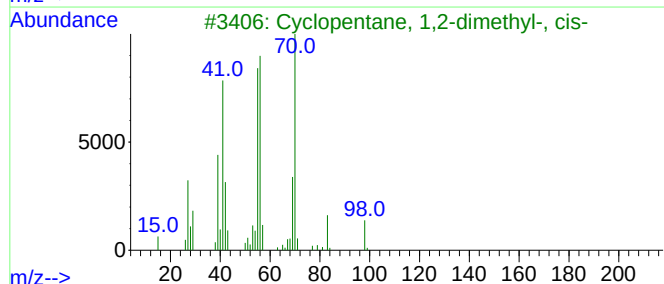
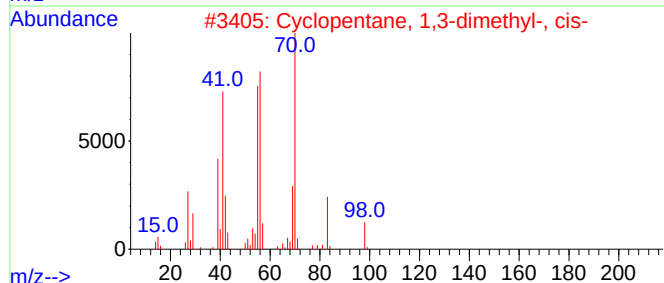
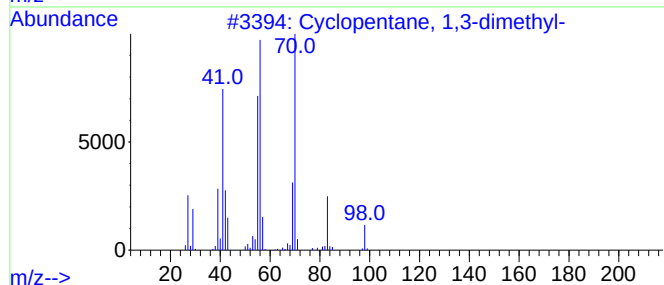
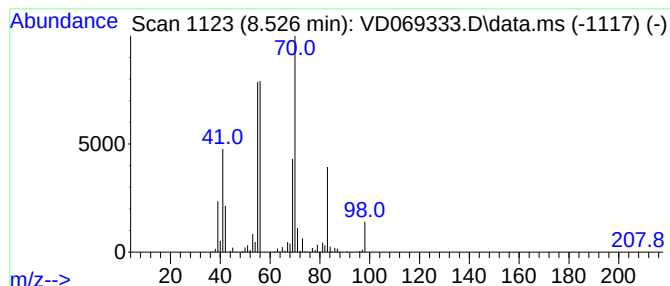
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	94.97 ug/l	4062510	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	80
4			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	72
5			Isopropylcyclobutane	98	C7H14	000872-56-0	64



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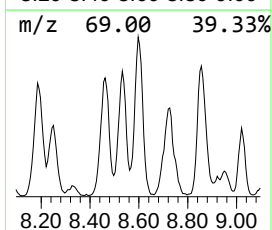
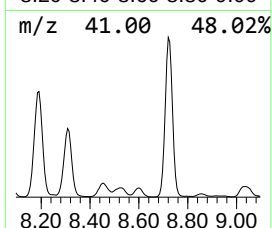
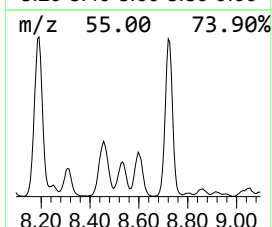
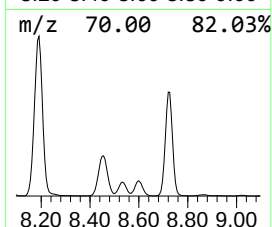
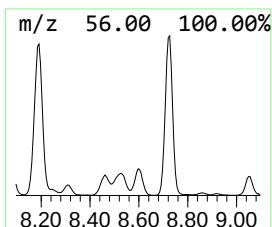
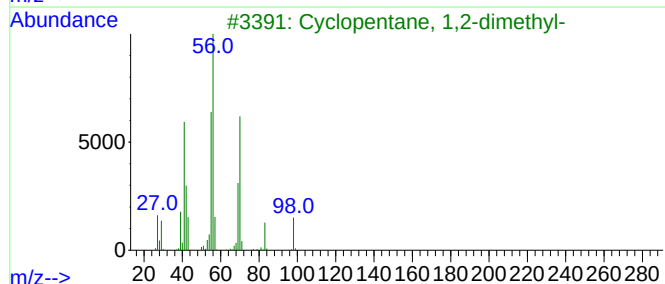
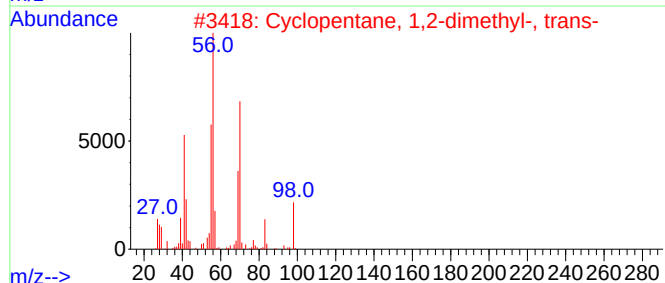
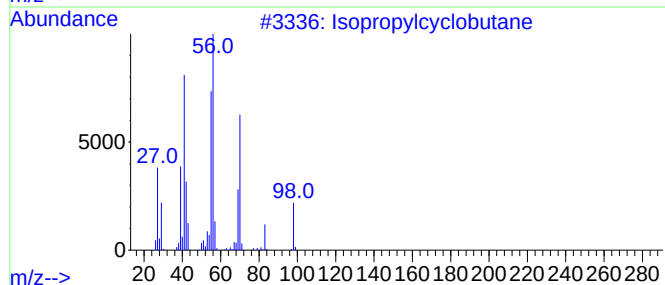
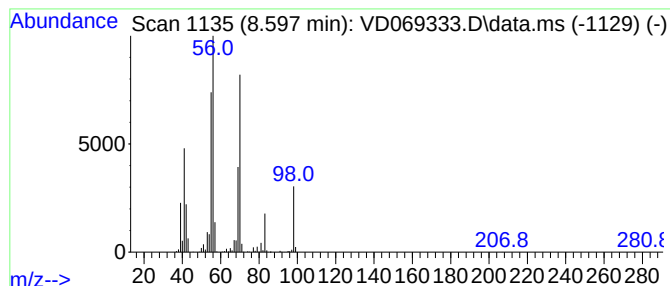
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 4 Isopropylcyclobutane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.597	81.38 ug/l	3480890	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropylcyclobutane	98	C7H14	000872-56-0	94
2			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4			1-Heptene	98	C7H14	000592-76-7	87
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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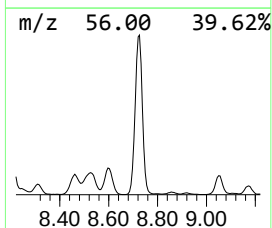
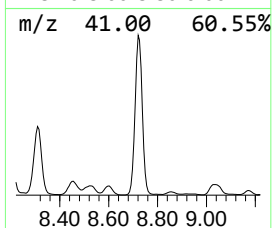
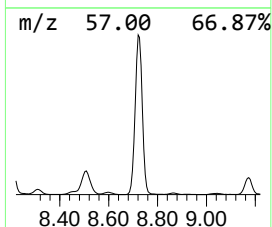
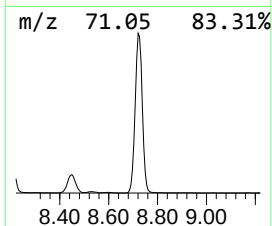
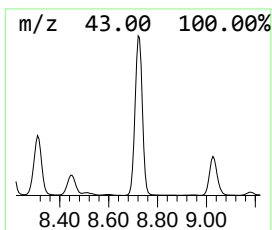
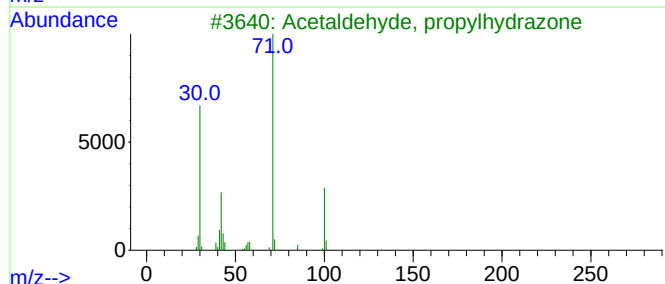
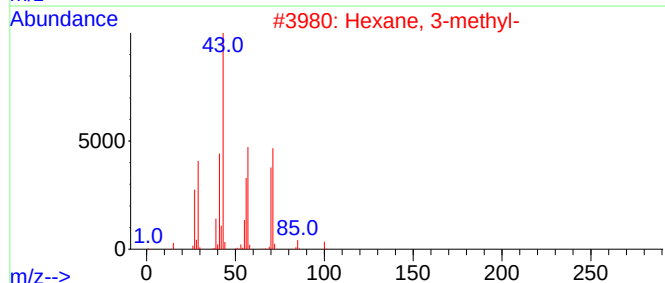
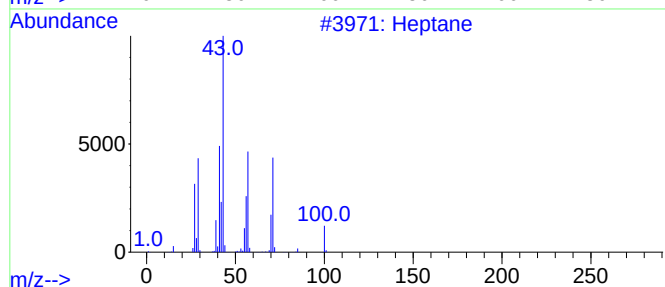
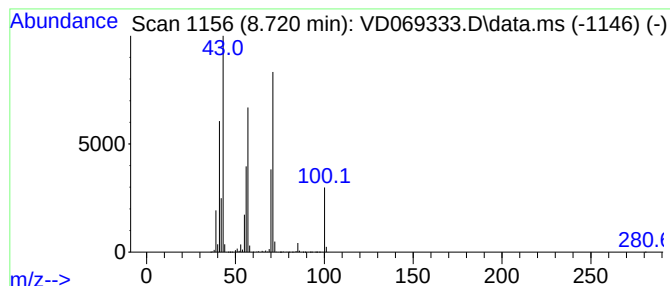
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Quant Title : SW846 8260

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

Peak Number 5 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.720	1043.79 ug/l	44648200	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	43
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
5			3-Hexanone	100	C6H12O	000589-38-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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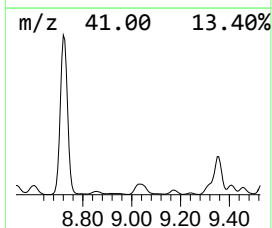
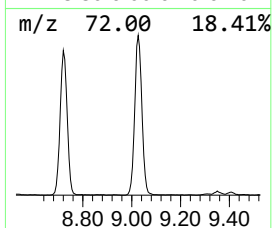
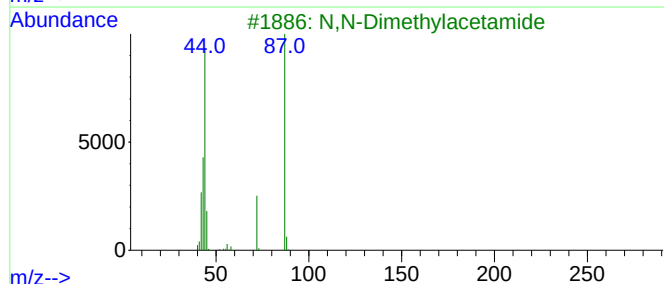
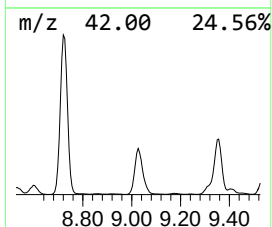
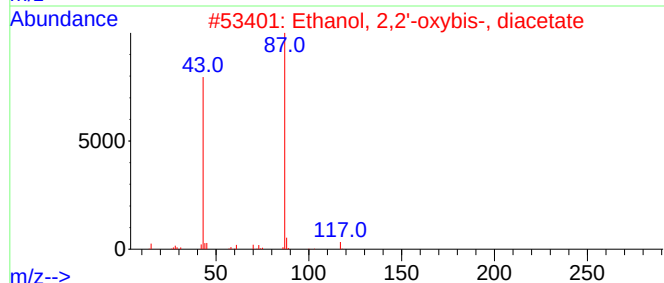
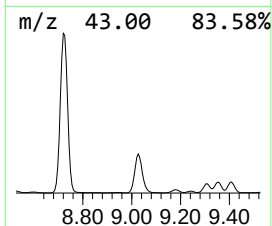
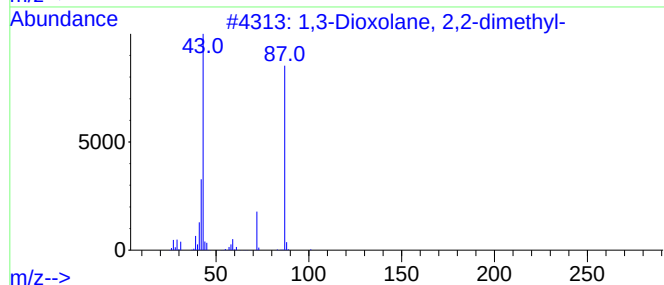
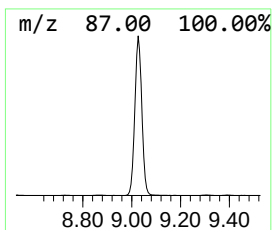
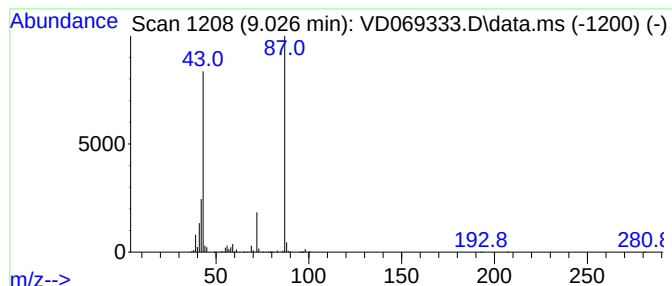
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Quant Title : SW846 8260

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

Peak Number 6 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.026	190.11 ug/l	8131790	1,4-Difluorobenzene	8.867

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	83
2		Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	45
3		N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	45
4		Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	45
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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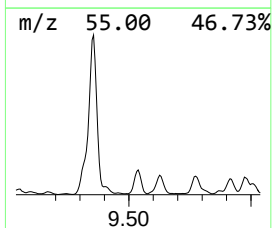
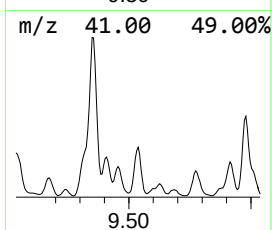
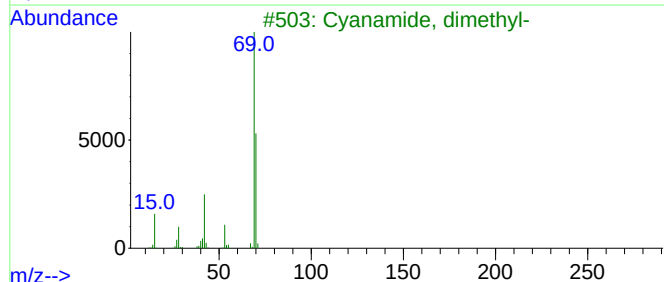
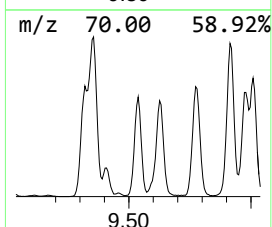
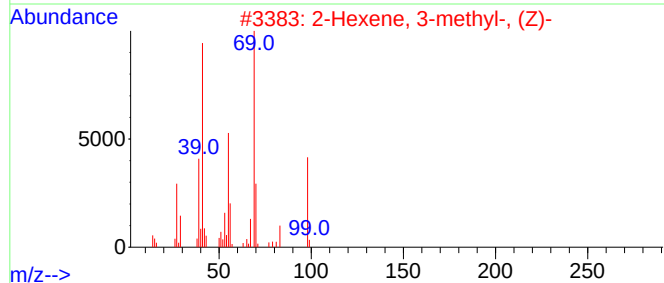
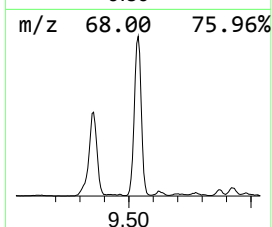
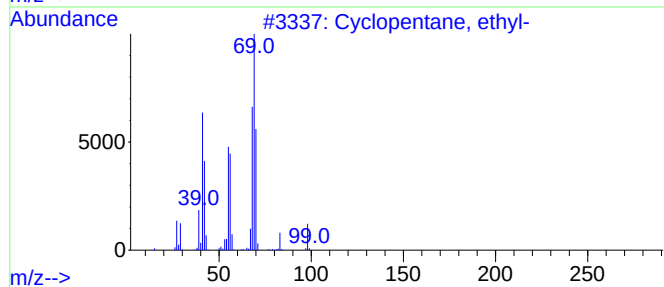
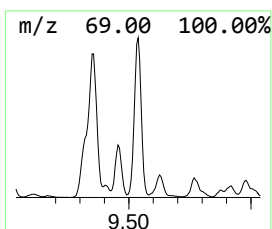
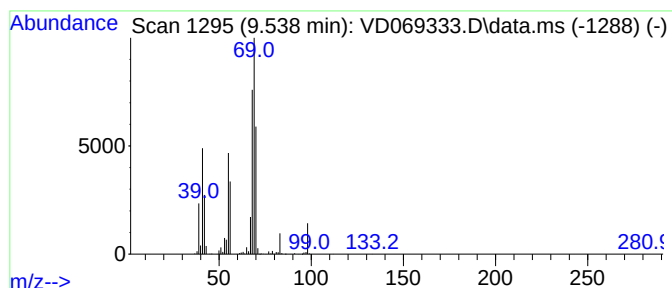
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.538	76.87 ug/l	3288200	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
3			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
4			4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	38
5			(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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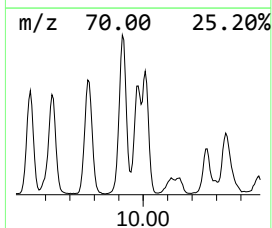
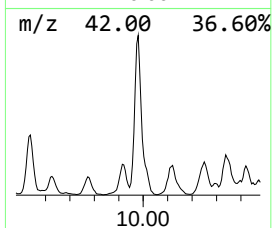
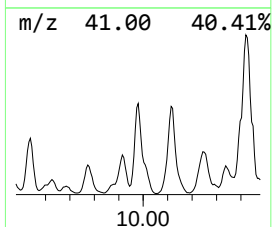
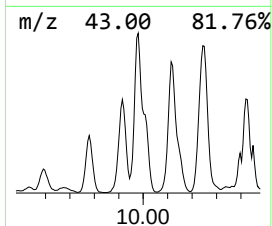
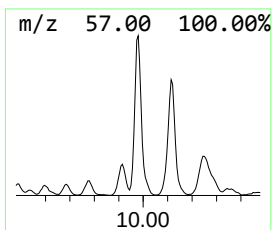
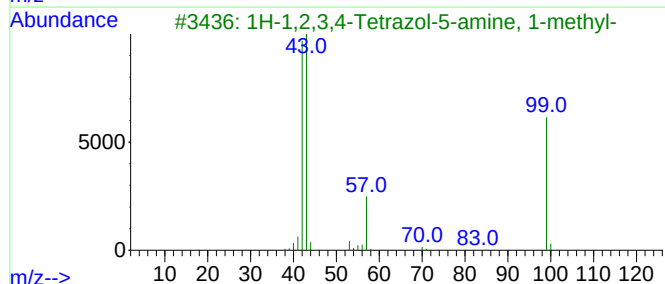
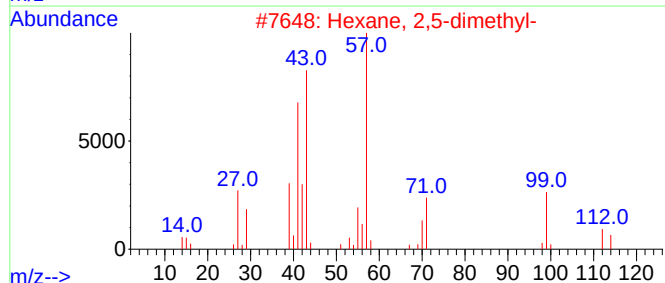
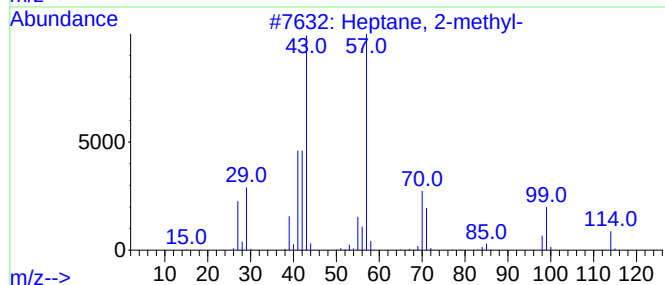
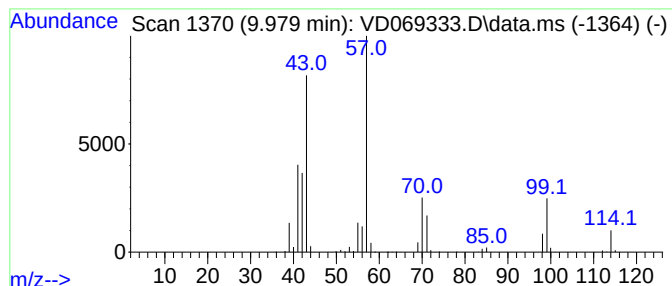
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Quant Title : SW846 8260

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

Peak Number 8 Heptane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.979	183.41 ug/l	7845140	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3			1H-1,2,3,4-Tetrazol-5-amine, 1-m...	99	C2H5N5	1000338-04-0	53
4			2-Piperidinone	99	C5H9NO	000675-20-7	47
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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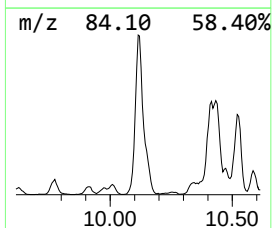
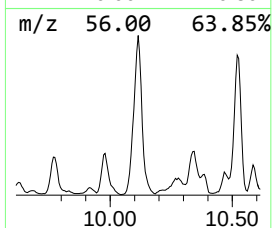
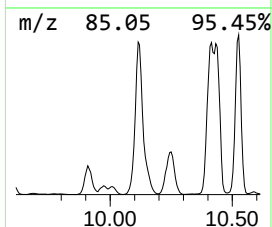
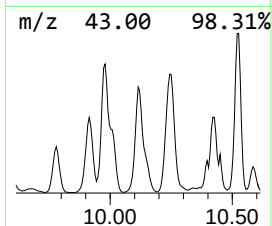
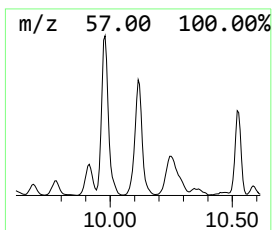
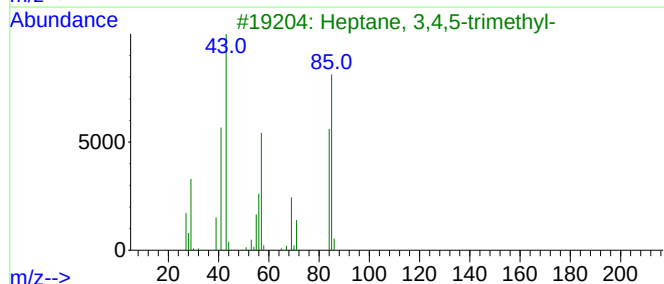
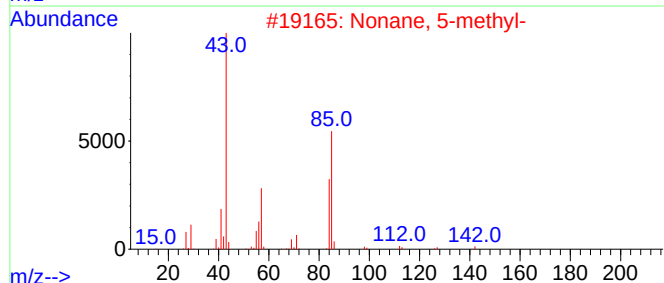
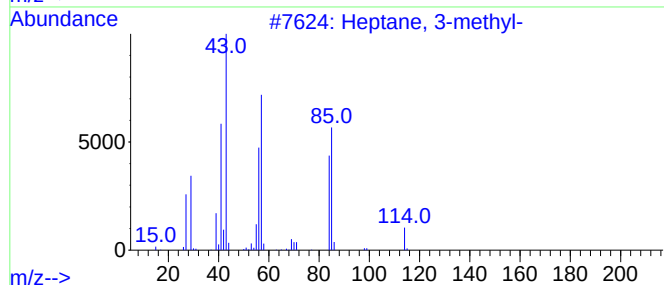
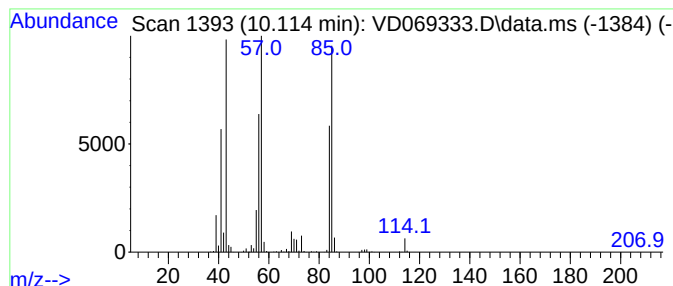
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.114	168.22 ug/l	7195760	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2			Nonane, 5-methyl-	142	C10H22	015869-85-9	64
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
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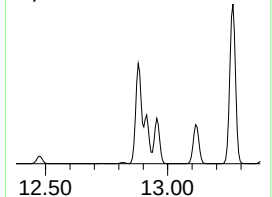
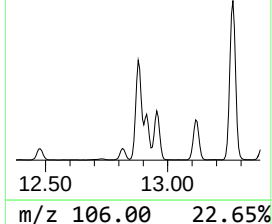
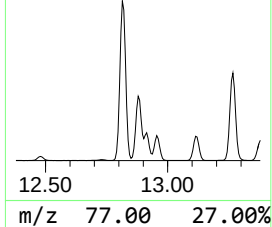
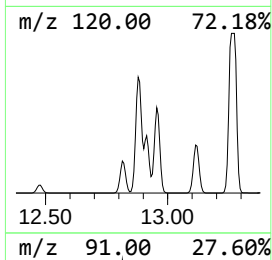
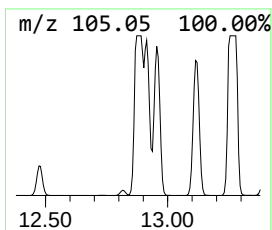
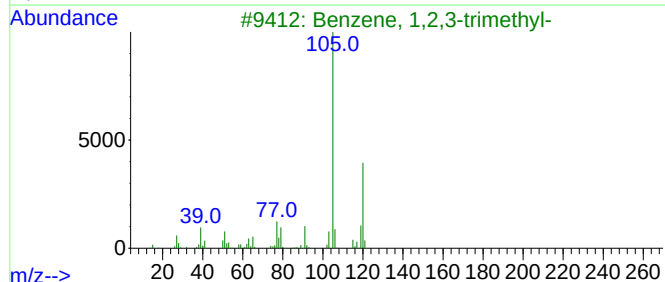
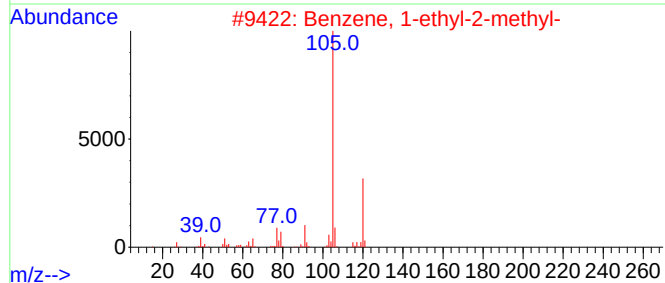
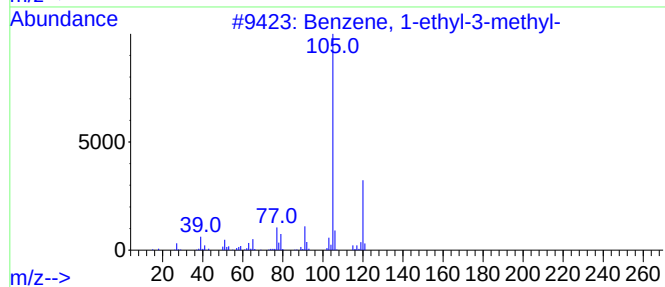
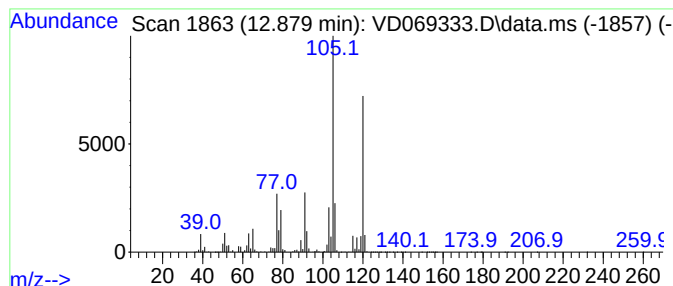
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	101.41 ug/l	73683800	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	81
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5			1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
40955

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.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
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Cyclopentane, 1...	8.526	95.0	ug/l	4062510	2	8.867	2138750	50.0
Isopropylcyclob...	8.597	81.4	ug/l	3480890	2	8.867	2138750	50.0
Heptane	8.720	1043.8	ug/l	44648200	2	8.867	2138750	50.0
1,3-Dioxolane, ...	9.026	190.1	ug/l	8131790	2	8.867	2138750	50.0
Cyclopentane, e...	9.538	76.9	ug/l	3288200	2	8.867	2138750	50.0
Heptane, 2-methyl-	9.979	183.4	ug/l	7845140	2	8.867	2138750	50.0
Heptane, 3-methyl-	10.114	168.2	ug/l	7195760	2	8.867	2138750	50.0
Benzene, 1-ethy...	12.879	101.4	ug/l	73683800	4	13.573	36330400	50.0