

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008183.D
 Acq On : 11 Jan 2019 08:13
 Operator : SY/AP
 Sample : K1102-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

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_W\METHOD\82W010819S.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	1.995	12	15	27	rVB2	7324	19952	1.48%	0.229%
2	4.379	397	406	412	rBV2	4813	14406	1.07%	0.165%
3	6.866	805	814	820	rBV5	6314	16863	1.25%	0.194%
4	7.147	848	860	870	rBV2	8760	33115	2.45%	0.380%
5	7.689	941	949	959	rBV5	5421	20369	1.51%	0.234%
6	7.885	971	981	984	rBV	85231	191477	14.19%	2.198%
7	7.946	985	991	999	rVV3	188528	485937	36.00%	5.577%
8	8.037	999	1006	1016	rVV2	32779	88001	6.52%	1.010%
9	8.153	1018	1025	1032	rVV	53816	126391	9.36%	1.451%
10	8.220	1032	1036	1044	rVV3	17985	59352	4.40%	0.681%
11	8.305	1044	1050	1060	rVB	80562	179393	13.29%	2.059%
12	8.433	1061	1071	1077	rBV3	56202	134322	9.95%	1.542%
13	8.506	1077	1083	1088	rVV	47001	105117	7.79%	1.206%
14	8.573	1088	1094	1102	rVB2	74694	173972	12.89%	1.997%
15	8.695	1107	1114	1122	rVB	89763	171444	12.70%	1.968%
16	8.842	1130	1138	1148	rBV	221906	437620	32.42%	5.023%
17	9.146	1182	1188	1194	rBV	16644	34075	2.52%	0.391%
18	9.335	1206	1219	1225	rBV	591815	1349639	100.00%	15.490%
19	9.384	1225	1227	1235	rVB2	57995	88199	6.54%	1.012%
20	9.518	1244	1249	1254	rVV2	19191	32376	2.40%	0.372%
21	9.610	1254	1264	1271	rVB2	58170	147151	10.90%	1.689%
22	9.750	1281	1287	1294	rVB3	63207	125594	9.31%	1.442%
23	9.896	1306	1311	1316	rBV	40210	77644	5.75%	0.891%
24	9.957	1316	1321	1332	rVB4	53634	125636	9.31%	1.442%
25	10.091	1335	1343	1346	rBV3	51251	125399	9.29%	1.439%
26	10.219	1359	1364	1365	rBV5	8979	14426	1.07%	0.166%
27	10.244	1365	1368	1373	rVV3	14259	24025	1.78%	0.276%
28	10.323	1374	1381	1398	rVV	472080	975027	72.24%	11.191%
29	10.445	1398	1401	1403	rVV4	9727	14336	1.06%	0.165%
30	10.500	1404	1410	1417	rVB4	46316	115374	8.55%	1.324%
31	10.665	1432	1437	1443	rBV	47619	75145	5.57%	0.862%
32	10.762	1448	1453	1458	rBV4	23617	50152	3.72%	0.576%
33	10.847	1464	1467	1471	rVB4	12352	17021	1.26%	0.195%
34	10.939	1478	1482	1488	rVB2	21122	34157	2.53%	0.392%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.036	1494	1498	1501	rBV2	19170	32707	2.42%	0.375%
36	11.183	1517	1522	1525	rBV2	34994	61186	4.53%	0.702%
37	11.232	1525	1530	1535	rVV	58390	98660	7.31%	1.132%
38	11.439	1560	1564	1569	rBV2	31698	52969	3.92%	0.608%
39	11.634	1590	1596	1607	rVB	315250	565046	41.87%	6.485%
40	11.878	1632	1636	1639	rBV	22424	36733	2.72%	0.422%
41	12.256	1695	1698	1702	rVB2	41303	56361	4.18%	0.647%
42	12.365	1708	1716	1724	rBV5	39219	138487	10.26%	1.589%
43	12.621	1752	1758	1764	rBV	256403	419396	31.07%	4.814%
44	12.780	1782	1784	1791	rVB5	47743	80677	5.98%	0.926%
45	12.938	1805	1810	1816	rBV6	46430	106610	7.90%	1.224%
46	13.079	1831	1833	1838	rVB5	21680	27637	2.05%	0.317%
47	13.353	1874	1878	1880	rBV3	35908	61200	4.53%	0.702%
48	13.560	1907	1912	1921	rVB	300739	493192	36.54%	5.661%
49	13.883	1960	1965	1969	rBV2	64869	108667	8.05%	1.247%
50	13.987	1978	1982	1990	rVB9	35612	92067	6.82%	1.057%
51	14.207	2015	2018	2023	rVB5	19735	34344	2.54%	0.394%
52	14.268	2025	2028	2034	rVB7	13128	22915	1.70%	0.263%
53	14.329	2035	2038	2041	rBV4	12385	15648	1.16%	0.180%
54	14.389	2044	2048	2052	rBV3	48875	83419	6.18%	0.957%
55	14.554	2070	2075	2081	rBV5	36576	74843	5.55%	0.859%
56	14.798	2111	2115	2122	rVB3	47246	85485	6.33%	0.981%
57	15.188	2175	2179	2185	rVB6	16352	31284	2.32%	0.359%
58	15.334	2199	2203	2210	rVB	37366	66091	4.90%	0.759%
59	15.749	2267	2271	2278	rVB8	10042	18158	1.35%	0.208%
60	15.871	2287	2291	2296	rVB3	20577	36443	2.70%	0.418%
61	16.188	2336	2343	2352	rVB5	18440	49621	3.68%	0.570%
62	16.298	2356	2361	2369	rVB3	14002	27335	2.03%	0.314%
63	16.383	2369	2375	2382	rBV5	13202	29608	2.19%	0.340%
64	16.645	2409	2418	2422	rBV5	7322	22801	1.69%	0.262%

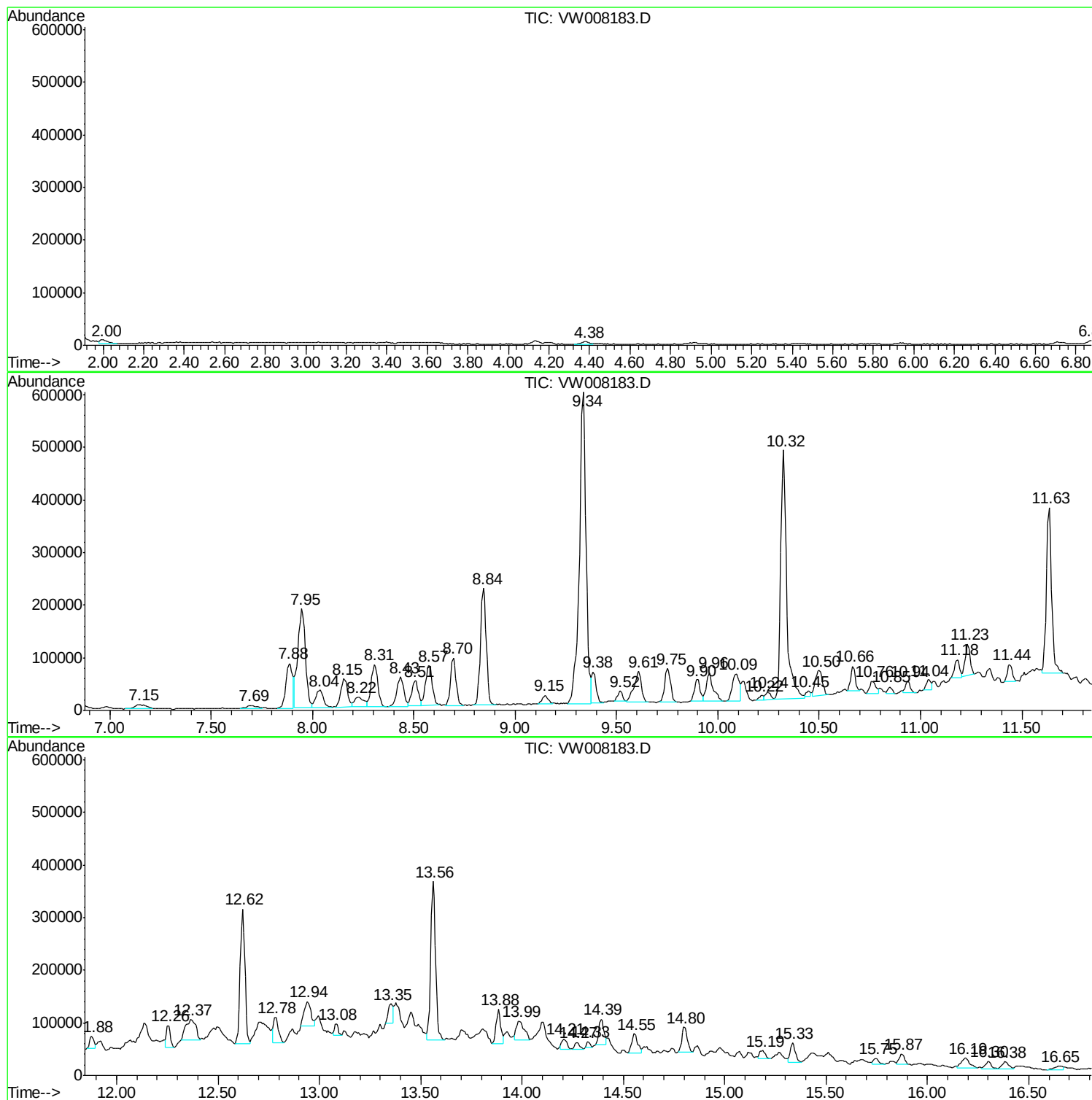
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ClientSampleId :
CPSB-18(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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



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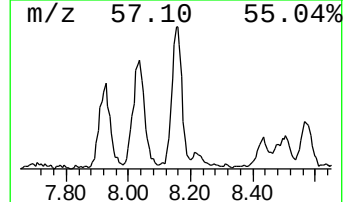
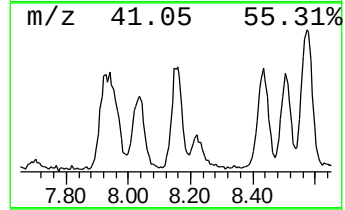
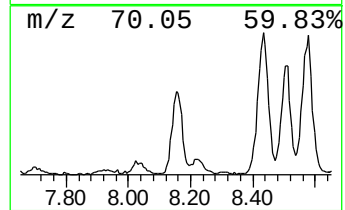
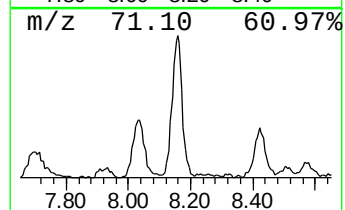
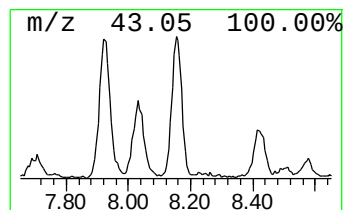
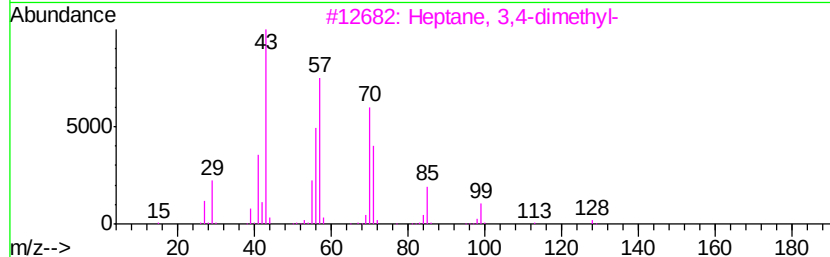
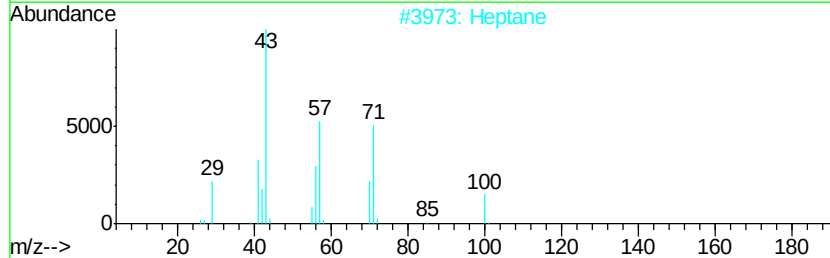
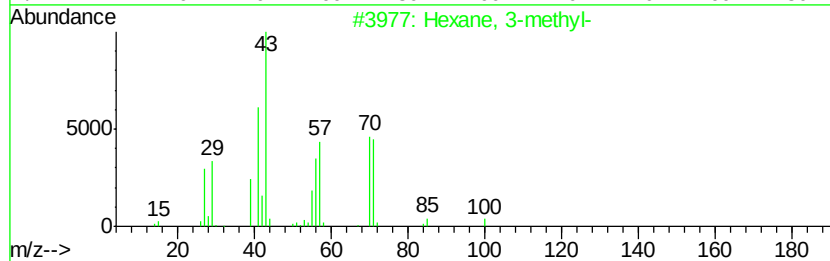
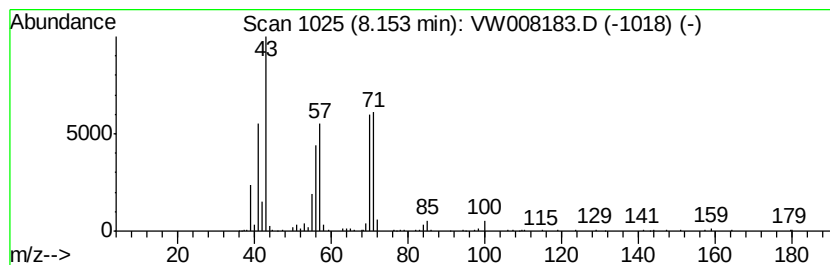
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.15	13.00 ug/l	126391	Pentafluorobenzene	7.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
2	Heptane		100	C7H16	000142-82-5	80
3	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	64
4	Decane, 3,3,4-trimethyl-		184	C13H28	049622-18-6	53
5	Heptane, 4-methyl-		114	C8H18	000589-53-7	53



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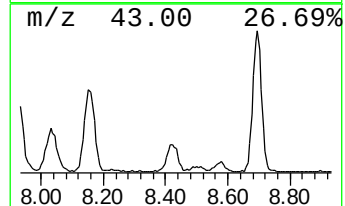
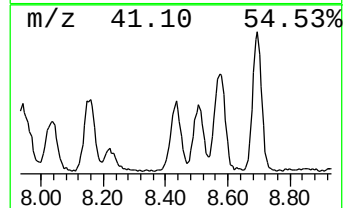
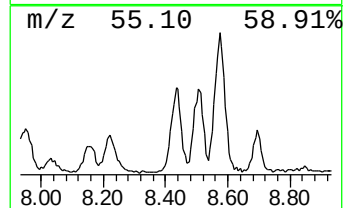
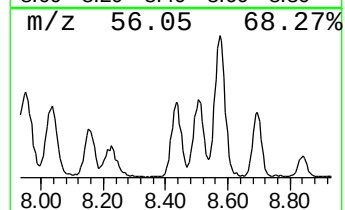
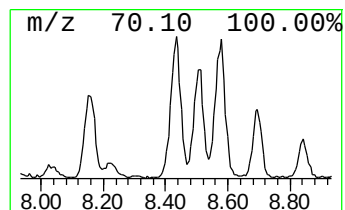
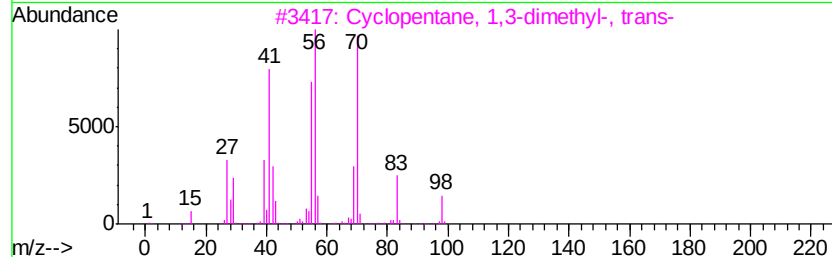
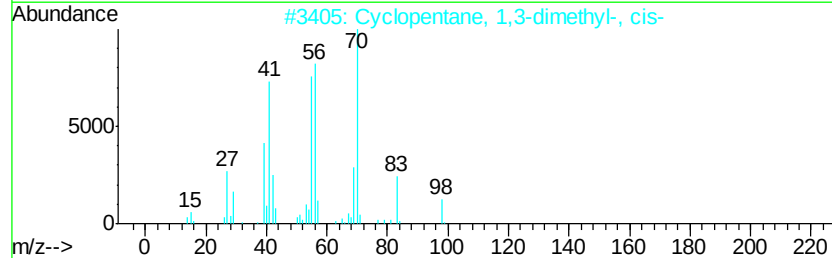
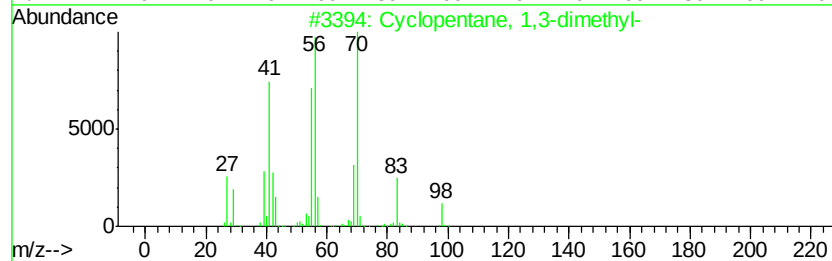
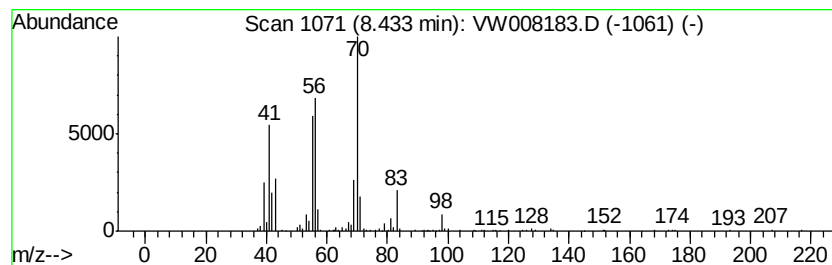
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	15.35 ug/l	134322	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	92
3		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	70
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
5		Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	49



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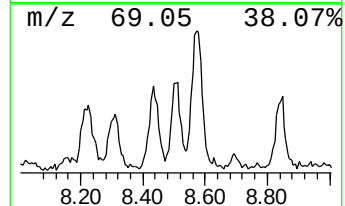
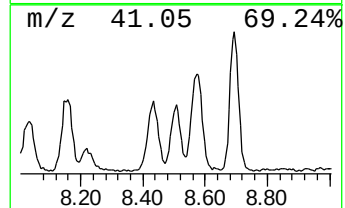
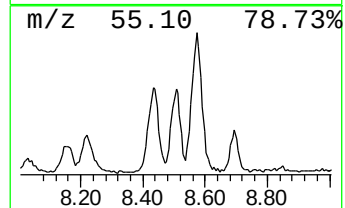
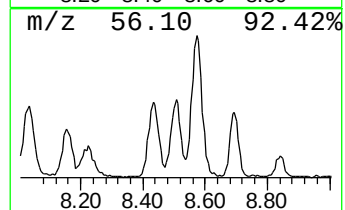
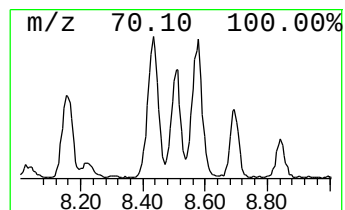
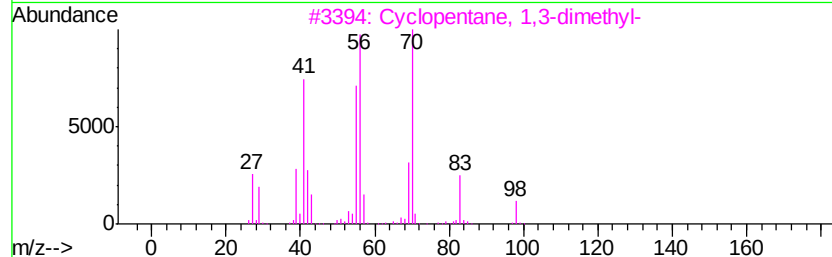
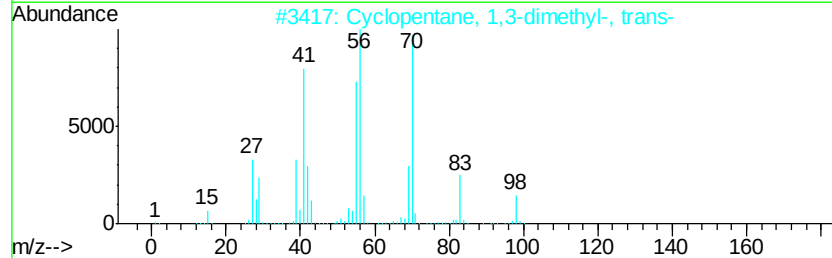
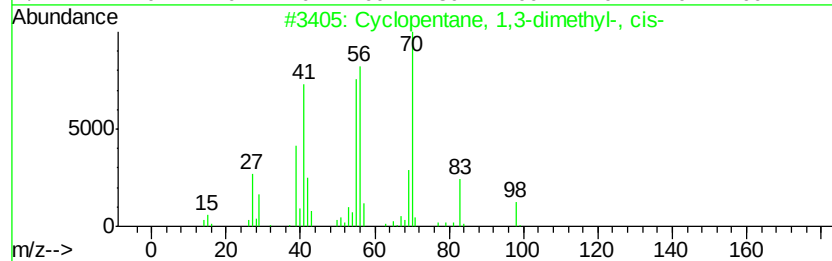
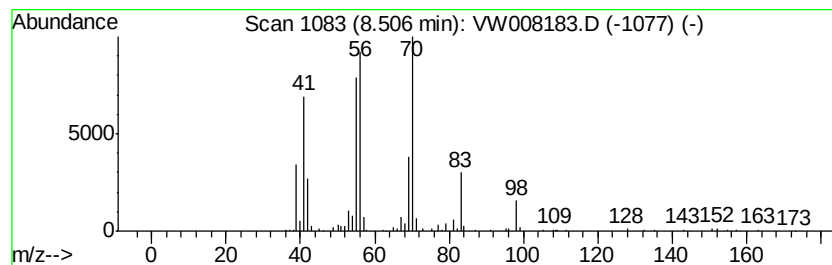
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1,3-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	12.01 ug/l	105117	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5		Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	72



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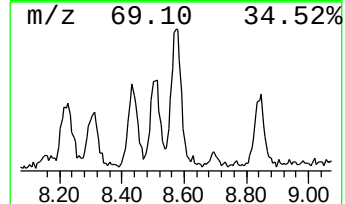
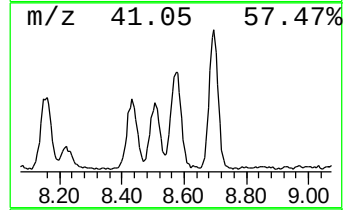
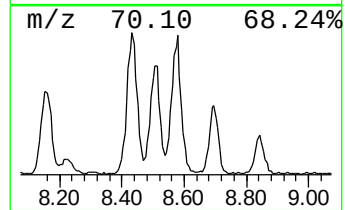
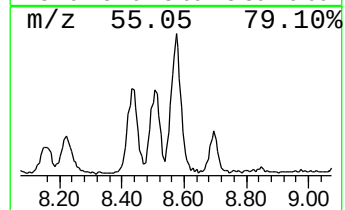
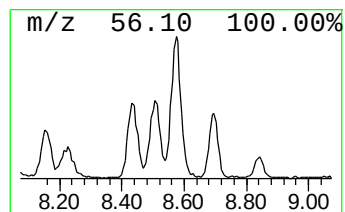
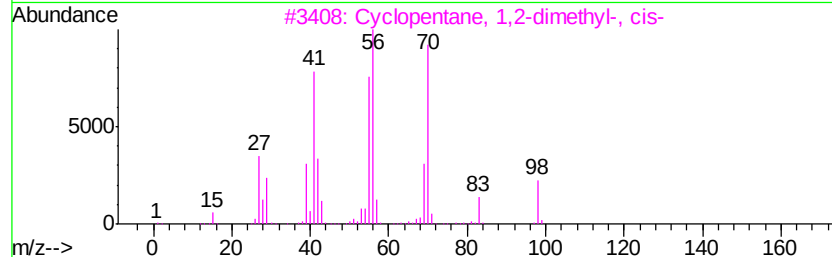
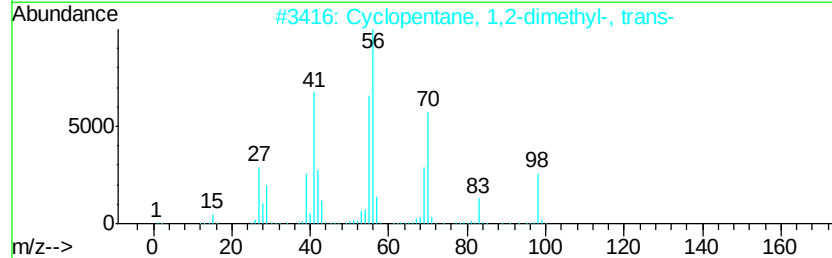
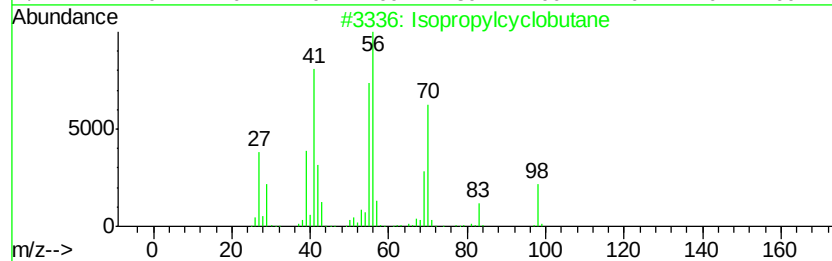
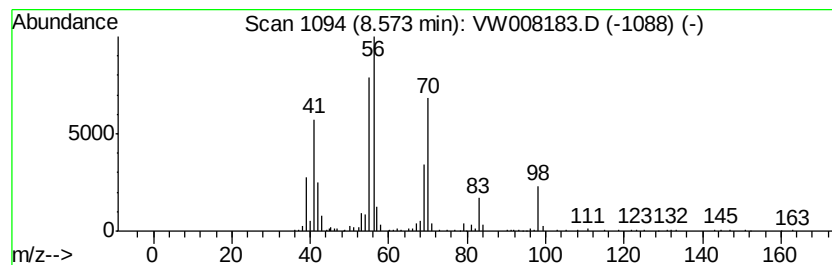
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isopropylcyclobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	19.88 ug/l	173972	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropylcvclobutane	98	C7H14	000872-56-0	93
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
5		1-Heptene	98	C7H14	000592-76-7	90



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ClientSampleId :
CPSB-18(20-25)

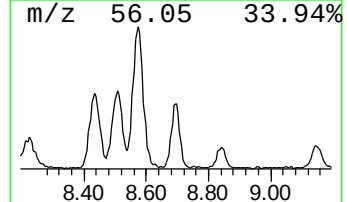
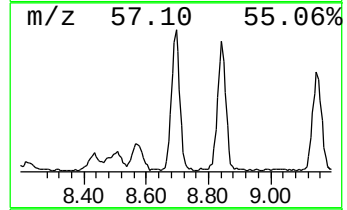
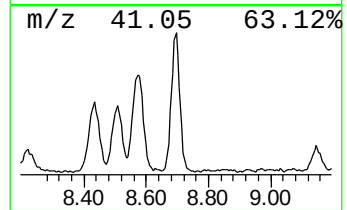
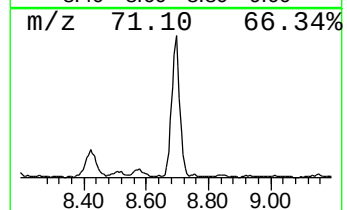
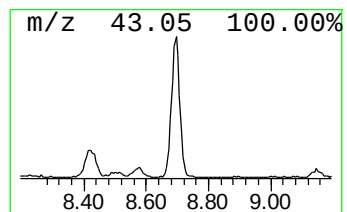
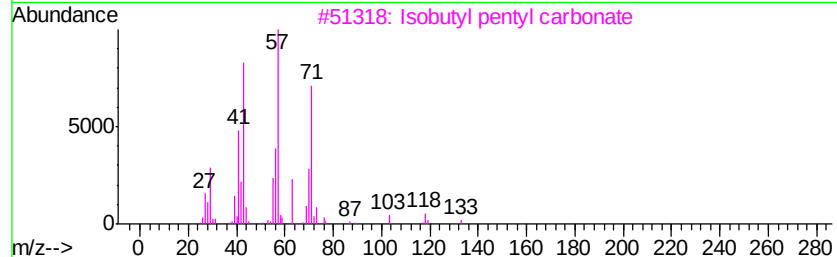
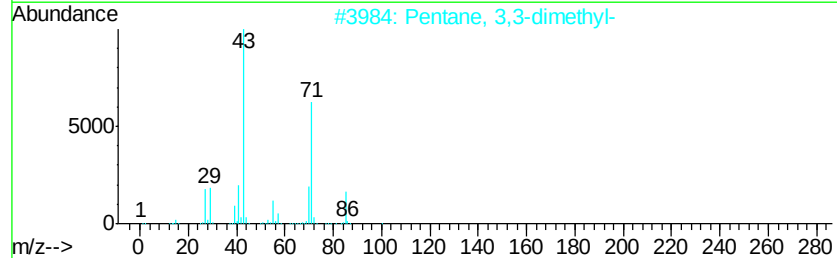
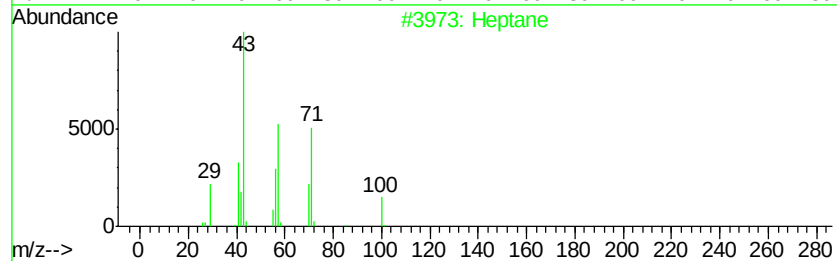
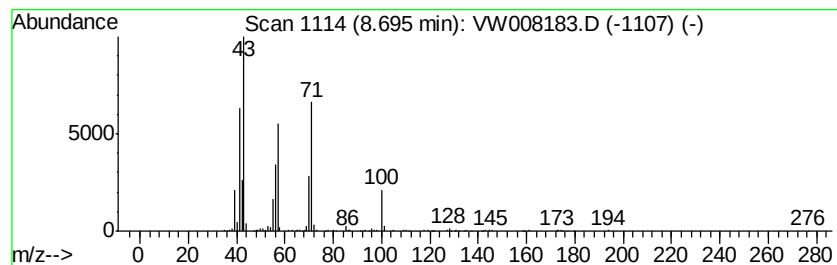
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Quant Title : SW846 8260

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

Peak Number 5 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	19.59 ug/l	171444	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	45
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	38
5		Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008183.D
Acq On : 11 Jan 2019 08:13
Operator : SY/AP
Sample : K1102-02
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
CPSB-18(20-25)

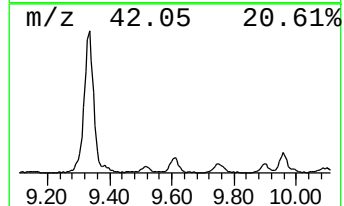
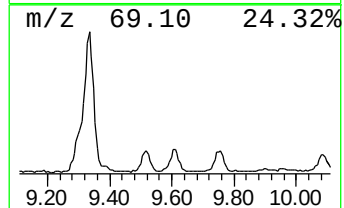
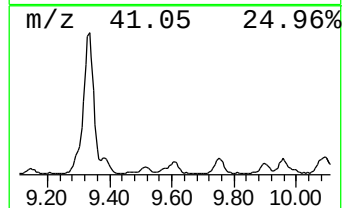
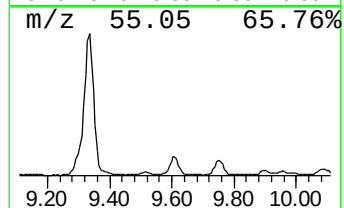
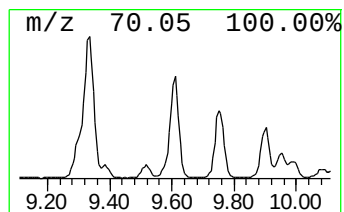
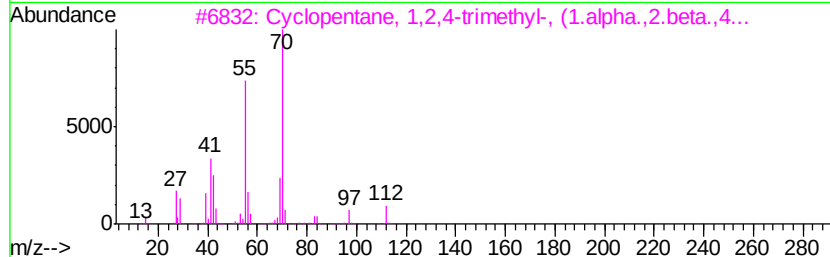
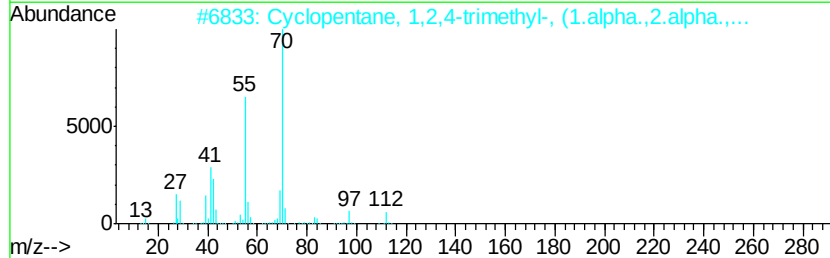
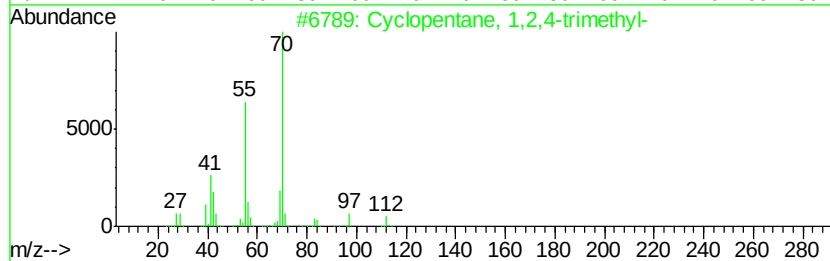
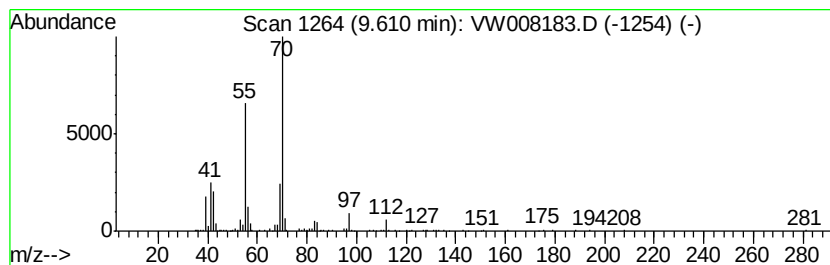
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	16.81 ug/l	147151	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
4		Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	64
5		Cyclobutanone, 2,3,3,4-tetramethyl-	126	C8H14O	053907-62-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008183.D
Acq On : 11 Jan 2019 08:13
Operator : SY/AP
Sample : K1102-02
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

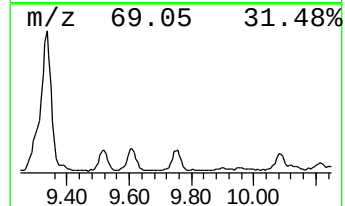
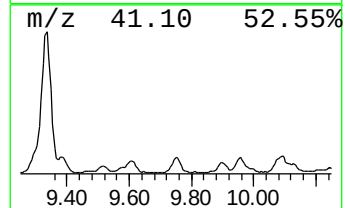
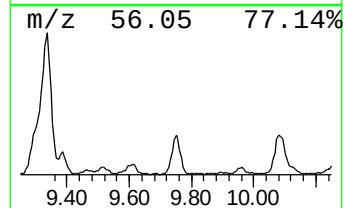
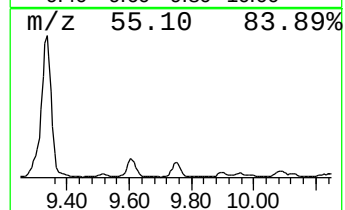
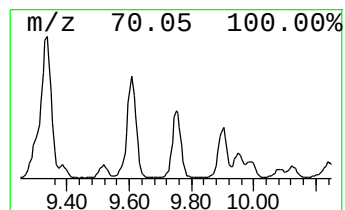
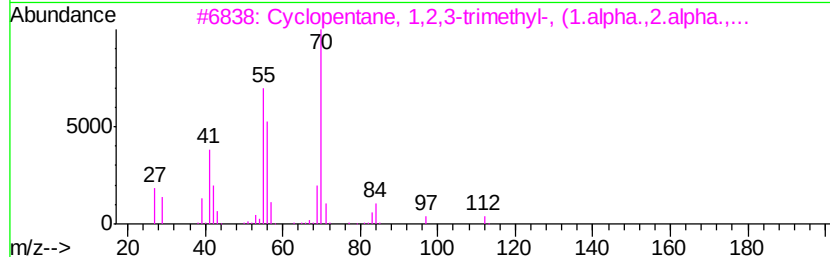
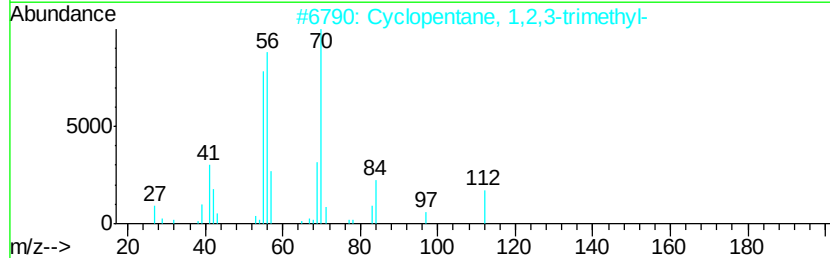
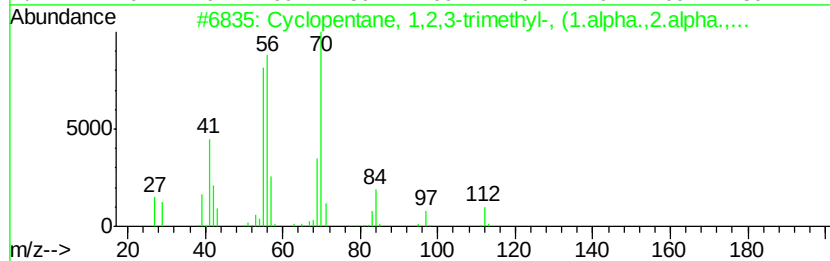
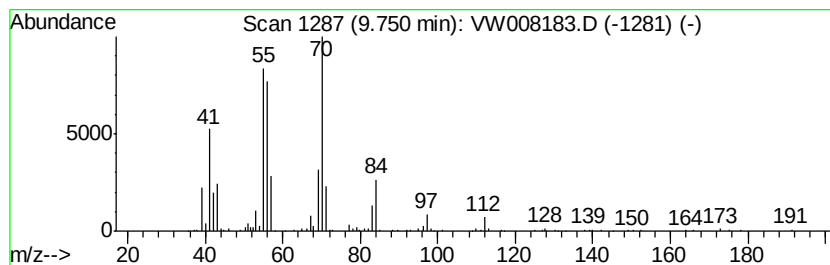
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	14.35 ug/l	125594	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	83
2		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	80
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008183.D
Acq On : 11 Jan 2019 08:13
Operator : SY/AP
Sample : K1102-02
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
CPSB-18(20-25)

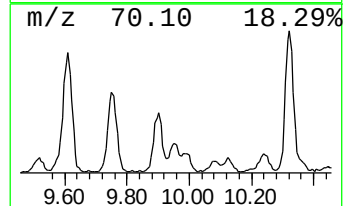
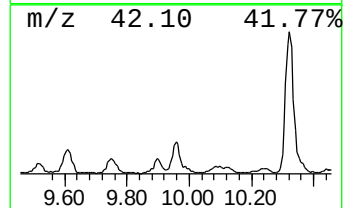
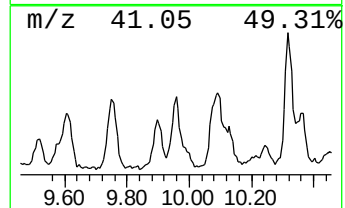
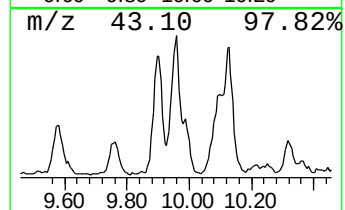
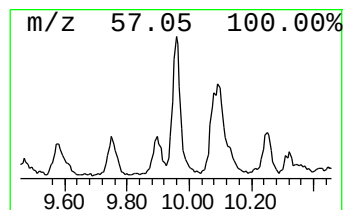
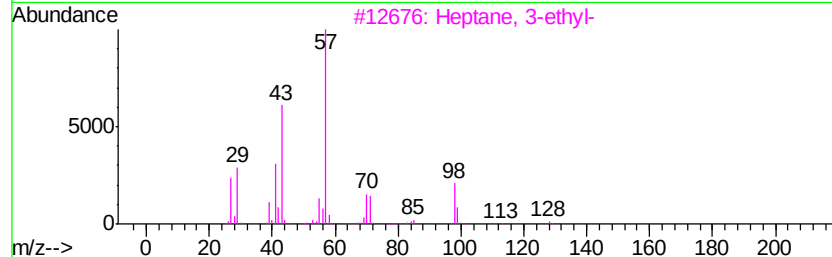
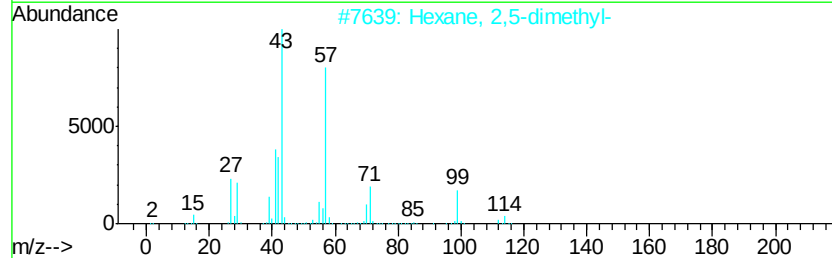
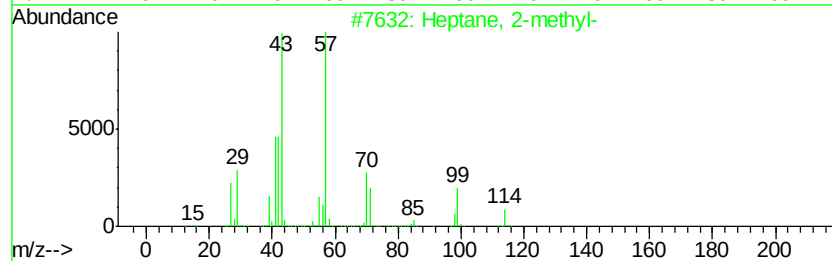
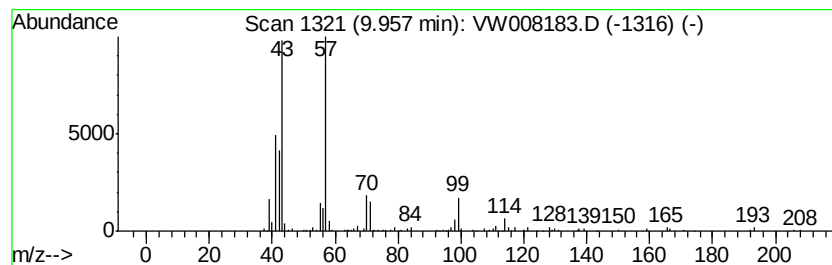
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 8 Heptane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	14.35 ug/l	125636	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	46
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
5		Isobutane	58	C4H10	000075-28-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008183.D
Acq On : 11 Jan 2019 08:13
Operator : SY/AP
Sample : K1102-02
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

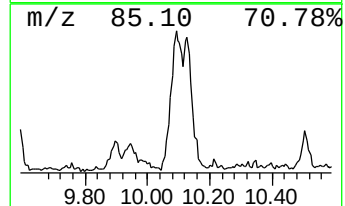
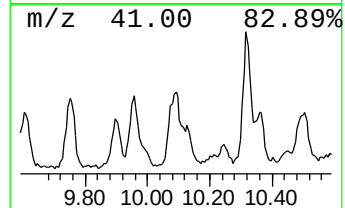
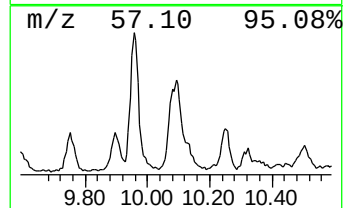
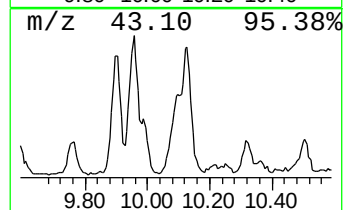
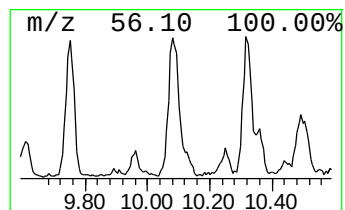
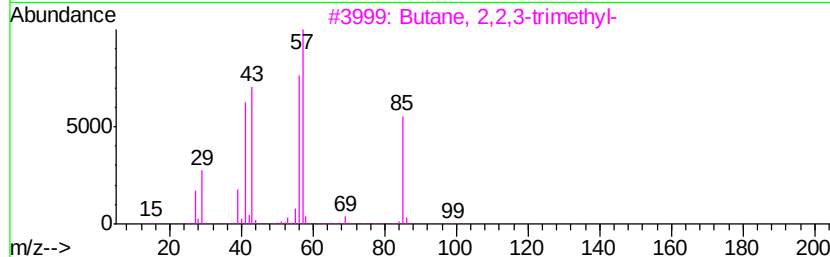
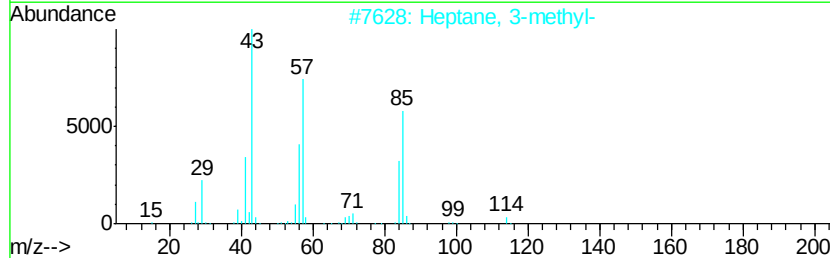
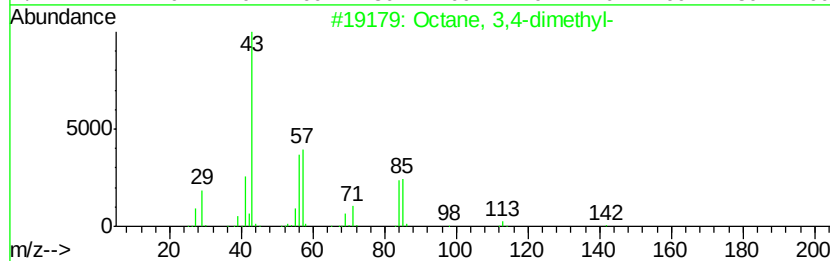
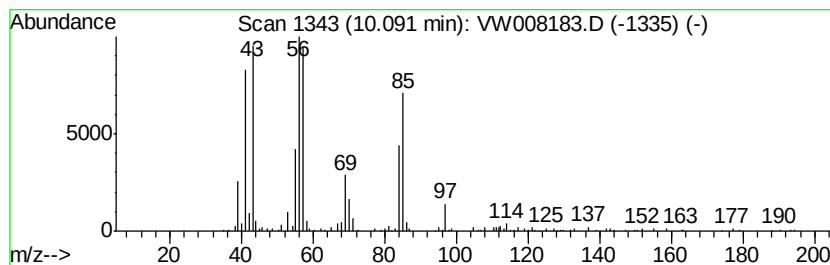
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	14.33 ug/l	125399	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	64
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	58
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
4		Cyclohexane	84	C6H12	000110-82-7	49
5		2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008183.D
Acq On : 11 Jan 2019 08:13
Operator : SY/AP
Sample : K1102-02
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
CPSB-18(20-25)

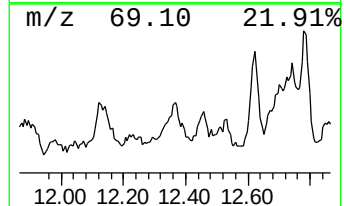
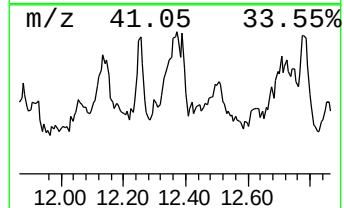
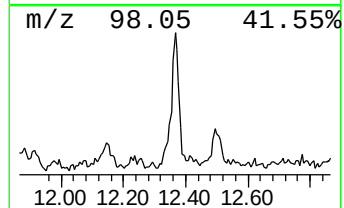
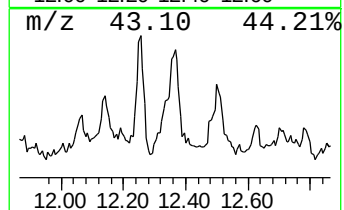
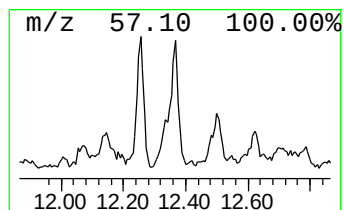
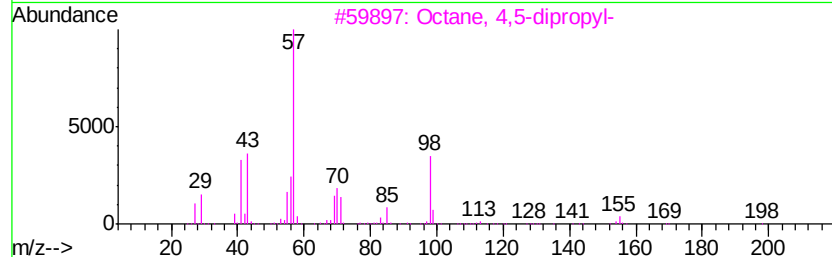
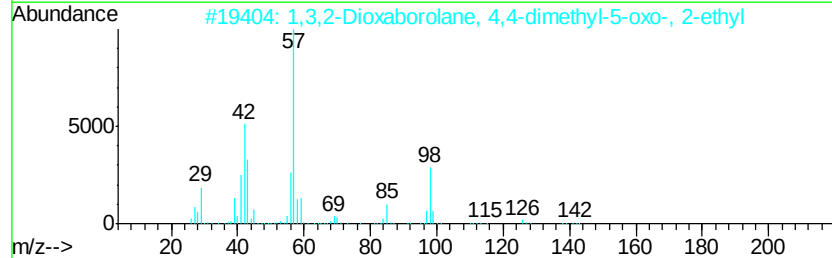
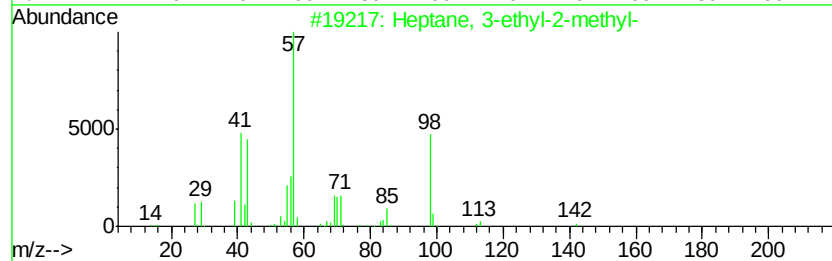
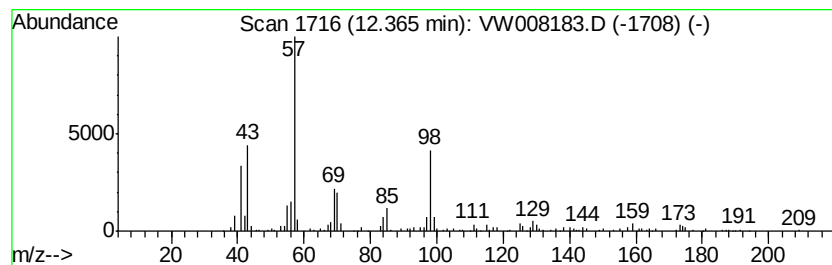
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 10 Heptane, 3-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	12.25 ug/l	138487	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		1,3,2-Dioxaborolane, 4,4-dimethyl...	142	C6H11B03	1000063-89-2	53
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
 Data File : VW008183.D
 Acq On : 11 Jan 2019 08:13
 Operator : SY/AP
 Sample : K1102-02
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.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, 1,3...	8.43	15.3	ug/l	134322	2	8.84	437620	50.0
Cyclopentane, 1,3...	8.51	12.0	ug/l	105117	2	8.84	437620	50.0
Isopropylcyclobutane	8.57	19.9	ug/l	173972	2	8.84	437620	50.0
Heptane	8.70	19.6	ug/l	171444	2	8.84	437620	50.0
Cyclopentane, 1,2...	9.61	16.8	ug/l	147151	2	8.84	437620	50.0
Cyclopentane, 1,2...	9.75	14.3	ug/l	125594	2	8.84	437620	50.0
Heptane, 2-methyl-	9.96	14.4	ug/l	125636	2	8.84	437620	50.0
Octane, 3,4-dimet...	10.09	14.3	ug/l	125399	2	8.84	437620	50.0
Heptane, 3-ethyl-...	12.37	12.3	ug/l	138487	3	11.63	565046	50.0