

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064442.D
 Acq On : 05 Dec 2019 18:00
 Operator : VA/SY
 Sample : K6177-01
 Misc : 7.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.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	1.956	3	6	21	rVB2	81025	141429	3.42%	0.391%
2	3.038	183	190	198	rBV	143852	318760	7.71%	0.881%
3	3.403	244	252	263	rBV	188641	446166	10.79%	1.233%
4	4.126	363	375	383	rBV7	11462	42303	1.02%	0.117%
5	5.003	500	524	539	rBV3	242658	1103148	26.69%	3.048%
6	5.479	592	605	620	rVB2	149885	525692	12.72%	1.452%
7	5.809	648	661	672	rBV8	21049	83945	2.03%	0.232%
8	5.991	679	692	704	rBV3	316708	950279	22.99%	2.625%
9	6.267	730	739	745	rVV5	22628	66480	1.61%	0.184%
10	6.338	746	751	762	rVB3	27297	75583	1.83%	0.209%
11	6.479	765	775	784	rBV4	13967	44781	1.08%	0.124%
12	6.767	811	824	825	rBV3	30309	60875	1.47%	0.168%
13	6.926	840	851	858	rBV5	28227	85818	2.08%	0.237%
14	7.026	858	868	878	rVV3	161432	465310	11.26%	1.285%
15	7.661	968	976	980	rBV4	18884	45071	1.09%	0.125%
16	7.726	982	987	996	rVB5	22328	59656	1.44%	0.165%
17	7.920	1009	1020	1024	rBV	512223	1305643	31.59%	3.607%
18	7.979	1024	1030	1039	rVV	1192839	2968668	71.83%	8.201%
19	8.067	1039	1045	1053	rVB4	101421	271425	6.57%	0.750%
20	8.185	1056	1065	1072	rBV2	254190	596831	14.44%	1.649%
21	8.250	1072	1076	1082	rVB3	34829	70805	1.71%	0.196%
22	8.332	1082	1090	1103	rBV	396154	881654	21.33%	2.436%
23	8.456	1103	1111	1118	rBV3	122713	301918	7.30%	0.834%
24	8.532	1118	1124	1130	rVV3	116645	293125	7.09%	0.810%
25	8.597	1130	1135	1146	rVB2	156445	377868	9.14%	1.044%
26	8.720	1146	1156	1168	rVB	386557	819421	19.83%	2.264%
27	8.867	1172	1181	1194	rBV	1386147	2978277	72.06%	8.228%
28	9.020	1202	1207	1213	rVB3	28697	57343	1.39%	0.158%
29	9.091	1213	1219	1224	rBV5	25373	60879	1.47%	0.168%
30	9.355	1248	1264	1271	rBV	676343	1623151	39.27%	4.484%
31	9.532	1288	1294	1301	rVB2	79911	147956	3.58%	0.409%
32	9.632	1301	1311	1318	rBV4	62097	153430	3.71%	0.424%
33	9.773	1327	1335	1347	rBV4	75704	169041	4.09%	0.467%
34	9.873	1347	1352	1355	rBV3	21589	41924	1.01%	0.116%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	9.920	1355	1360	1364	rVV3	55948	107585	2.60%	0.297%
36	9.979	1364	1370	1384	rVB2	187303	480676	11.63%	1.328%
37	10.114	1384	1393	1404	rBV3	124205	330058	7.99%	0.912%
38	10.338	1423	1431	1443	rBV	2210209	4133169	100.00%	11.418%
39	10.520	1455	1462	1469	rVB3	205170	440861	10.67%	1.218%
40	10.679	1484	1489	1494	rBV2	75832	139548	3.38%	0.386%
41	10.767	1500	1504	1515	rVB7	62549	146268	3.54%	0.404%
42	10.867	1516	1521	1526	rVB4	31261	53707	1.30%	0.148%
43	10.949	1526	1535	1541	rBV3	56998	119721	2.90%	0.331%
44	11.014	1541	1546	1549	rBV3	23445	48550	1.17%	0.134%
45	11.049	1549	1552	1560	rVB3	29144	68642	1.66%	0.190%
46	11.120	1560	1564	1567	rBV5	28648	50132	1.21%	0.138%
47	11.191	1572	1576	1581	rVV	109802	190280	4.60%	0.526%
48	11.249	1581	1586	1590	rVV	115394	208538	5.05%	0.576%
49	11.297	1592	1594	1599	rVV6	31221	42401	1.03%	0.117%
50	11.349	1599	1603	1609	rVB2	50391	77892	1.88%	0.215%
51	11.426	1609	1616	1628	rVB4	79172	237636	5.75%	0.656%
52	11.526	1628	1633	1639	rBV	78970	138209	3.34%	0.382%
53	11.649	1646	1654	1662	rBV	1784830	3212199	77.72%	8.874%
54	11.749	1666	1671	1674	rVV4	42149	65756	1.59%	0.182%
55	11.855	1679	1689	1693	rBV6	75824	212350	5.14%	0.587%
56	12.155	1733	1740	1745	rBV4	56710	112299	2.72%	0.310%
57	12.267	1756	1759	1764	rVB	43366	61098	1.48%	0.169%
58	12.355	1771	1774	1777	rBV5	32022	48447	1.17%	0.134%
59	12.396	1777	1781	1786	rVB5	45625	89486	2.17%	0.247%
60	12.638	1815	1822	1832	rVB	1521810	2596177	62.81%	7.172%
61	12.808	1845	1851	1852	rBV3	46181	74586	1.80%	0.206%
62	12.885	1860	1864	1868	rBV2	49588	86343	2.09%	0.239%
63	12.961	1872	1877	1882	rVV7	80154	180404	4.36%	0.498%
64	13.020	1883	1887	1898	rVB8	39227	148452	3.59%	0.410%
65	13.191	1912	1916	1920	rBV2	39914	61343	1.48%	0.169%
66	13.273	1925	1930	1936	rVB2	101136	186726	4.52%	0.516%
67	13.467	1956	1963	1968	rBV4	72017	174081	4.21%	0.481%
68	13.585	1974	1983	1992	rVB	1853497	3258663	78.84%	9.002%
69	13.820	2019	2023	2027	rBV3	29046	49602	1.20%	0.137%
70	13.902	2033	2037	2044	rVB5	63033	96258	2.33%	0.266%
71	14.073	2059	2066	2068	rBV7	41709	90240	2.18%	0.249%

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Integration Parameters: RTEINT.P

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72	14.120	2072	2074	2080	rVB2	53296	75163	1.82%	0.208%
73	14.232	2090	2093	2099	rVB5	28600	49154	1.19%	0.136%
74	14.390	2111	2120	2121	rBV8	21480	45524	1.10%	0.126%
75	14.761	2179	2183	2188	rVB6	39007	64020	1.55%	0.177%
76	14.838	2190	2196	2198	rBV5	26784	52180	1.26%	0.144%
77	15.196	2249	2257	2266	rVB4	41898	136584	3.30%	0.377%
78	15.561	2312	2319	2324	rBV5	28096	65981	1.60%	0.182%
79	15.608	2324	2327	2340	rVB5	39232	100999	2.44%	0.279%
80	15.767	2342	2354	2362	rVB10	22041	82566	2.00%	0.228%
81	16.573	2487	2491	2507	rVB10	20824	73163	1.77%	0.202%

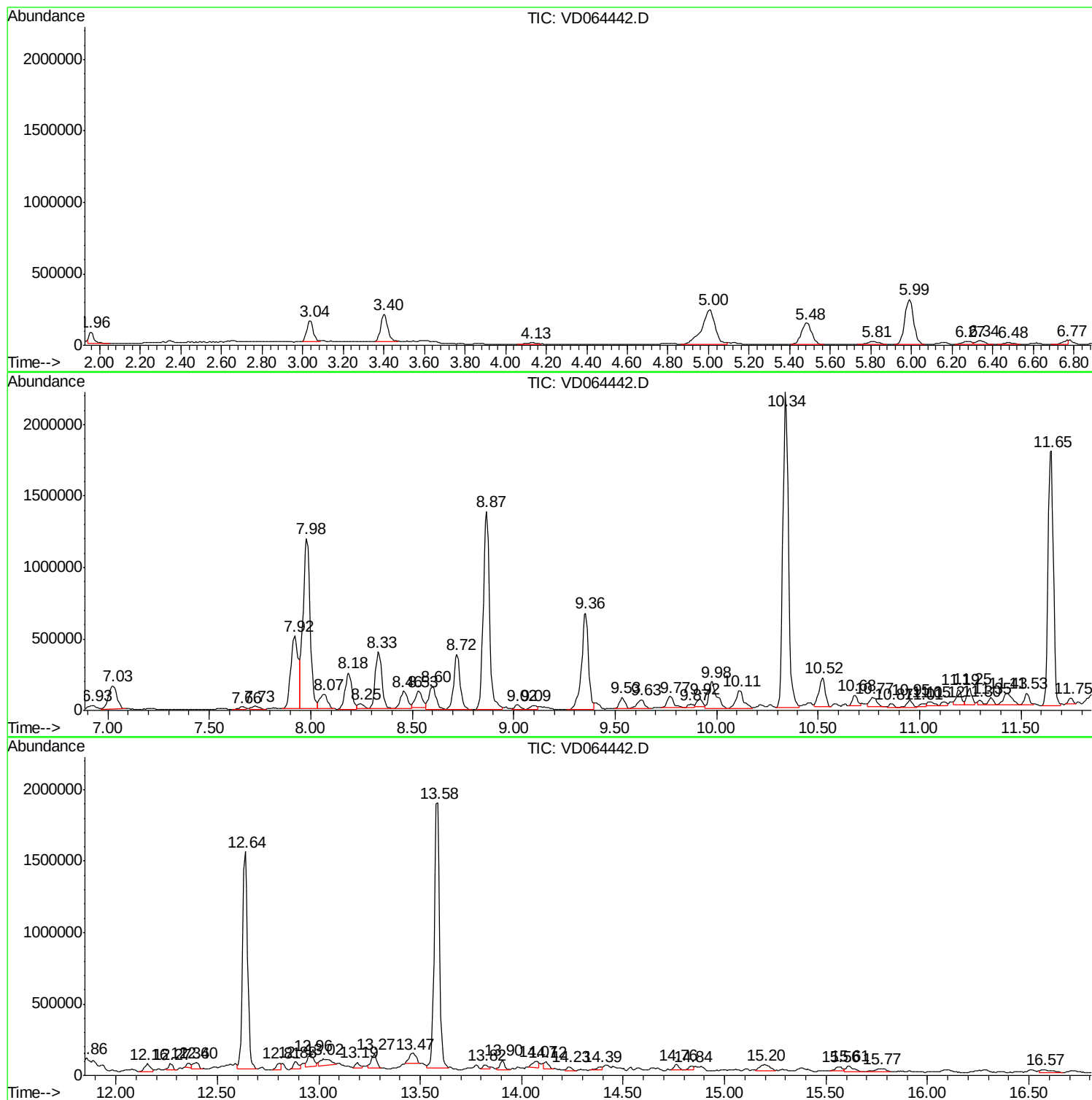
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
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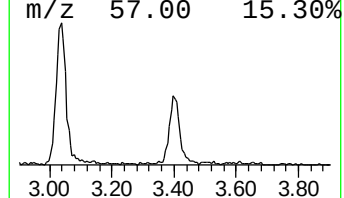
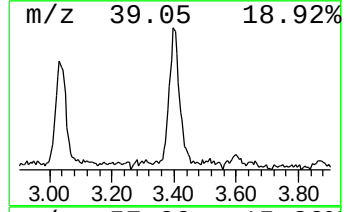
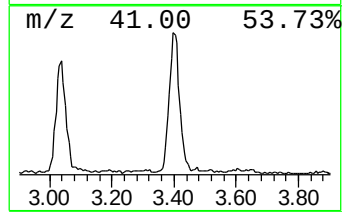
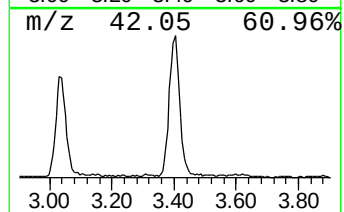
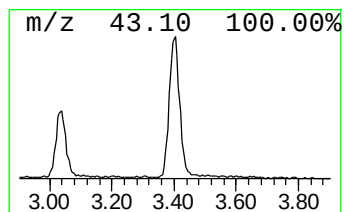
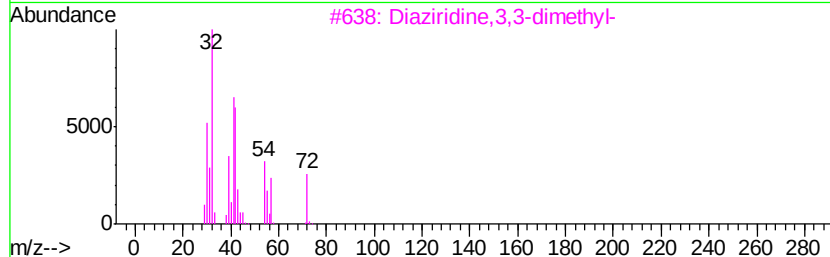
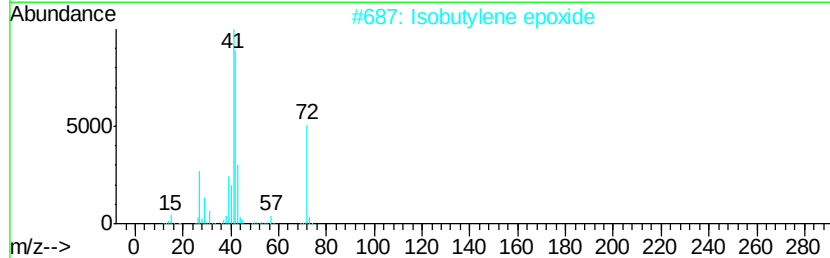
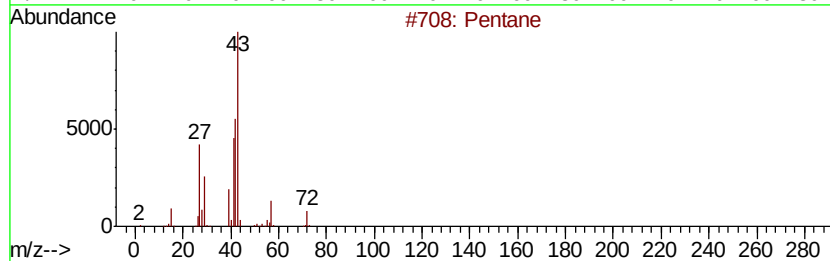
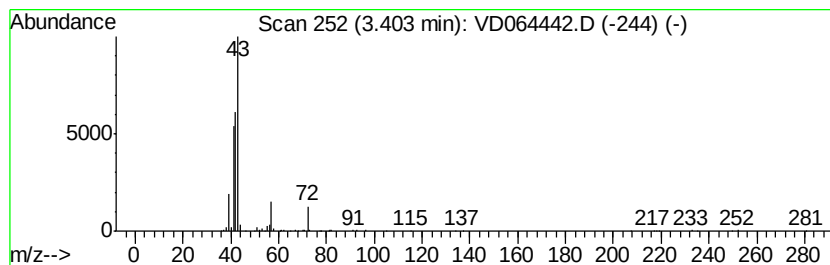
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	7.51 ug/l	446166	Pentafluorobenzene	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	86
2			Isobutylene epoxide	72	C4H8O	000558-30-5	38
3			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
4			1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9
5			Butane, 2-methyl-	72	C5H12	000078-78-4	9



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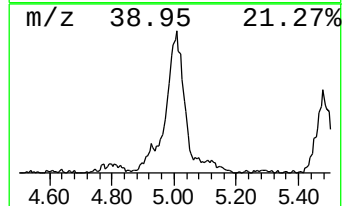
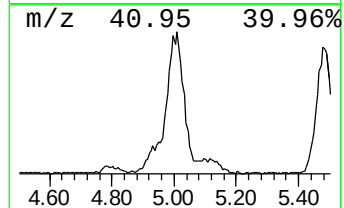
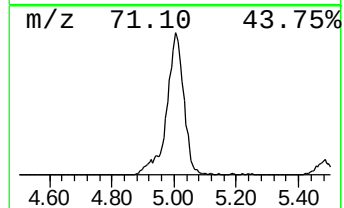
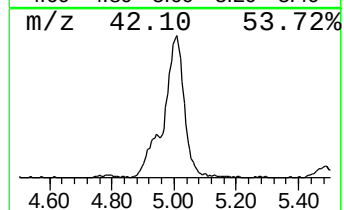
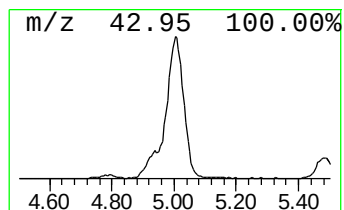
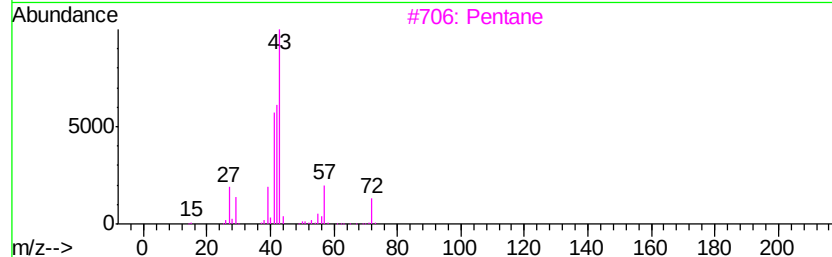
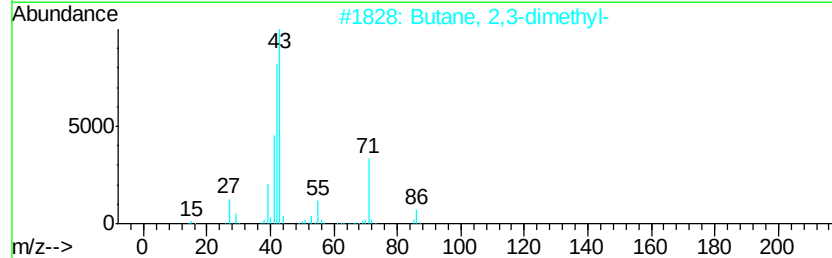
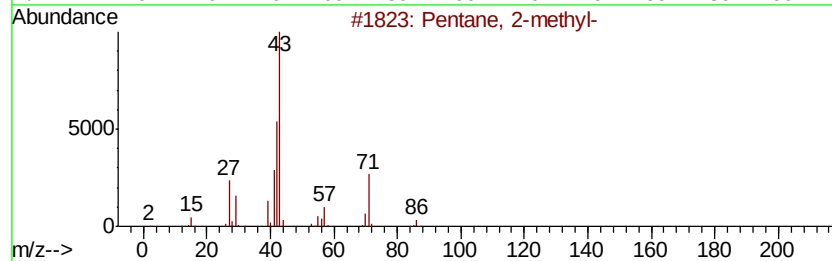
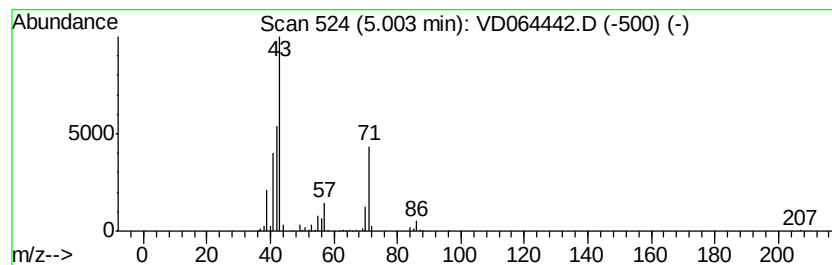
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	18.58 ug/l	1103150	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3		Pentane	72	C5H12	000109-66-0	38
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38



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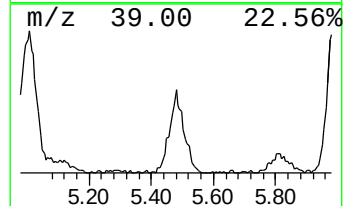
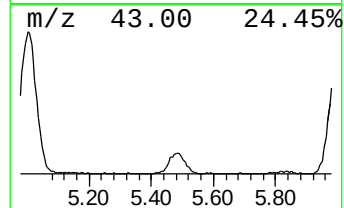
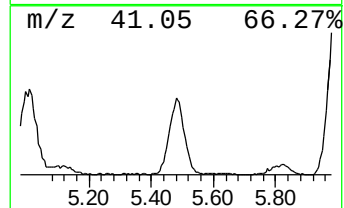
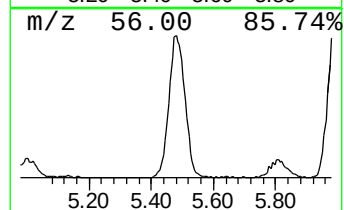
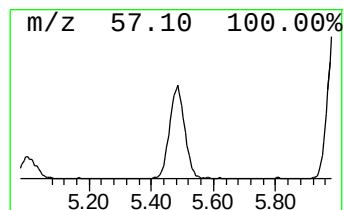
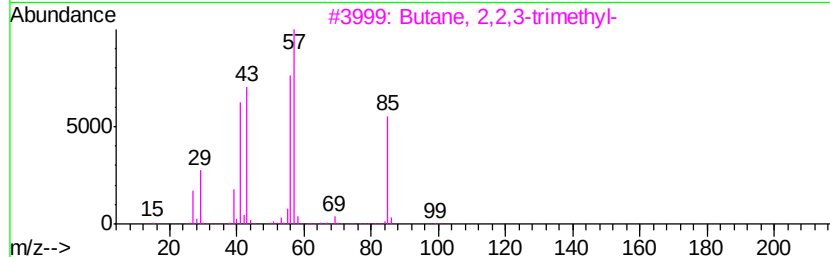
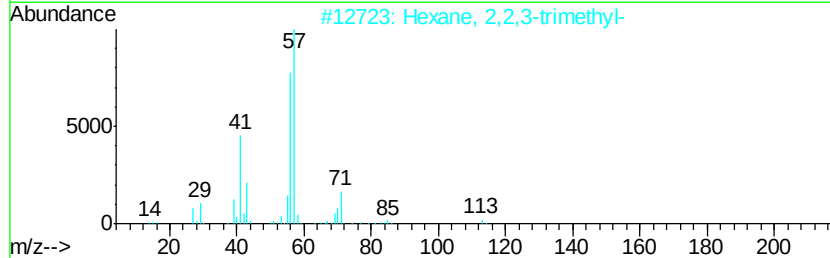
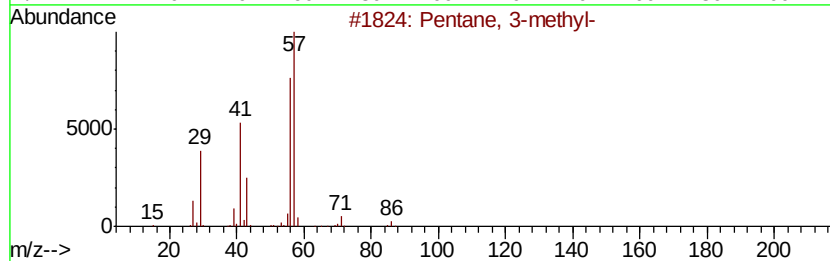
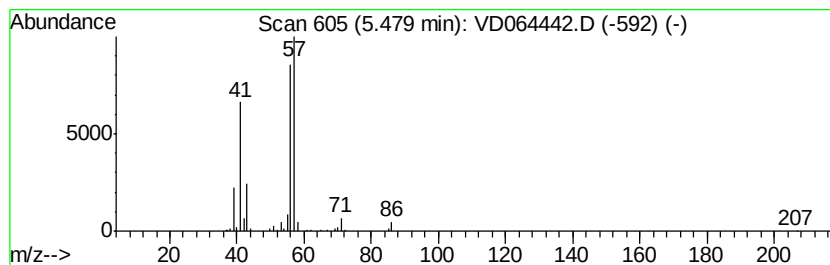
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	8.85 ug/l	525692	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
4		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64
5		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64



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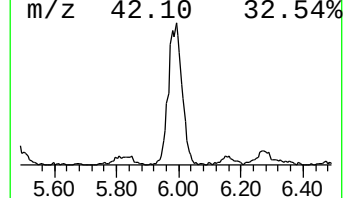
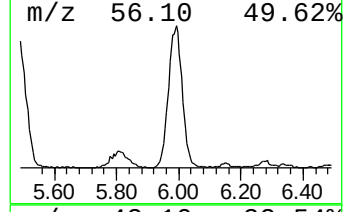
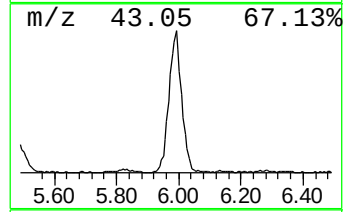
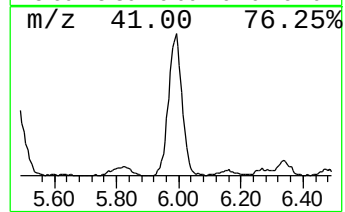
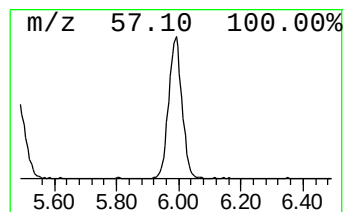
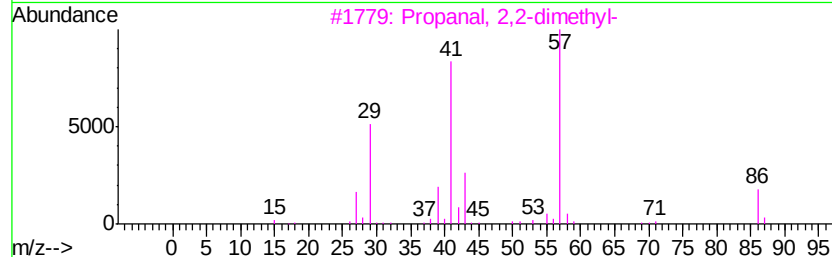
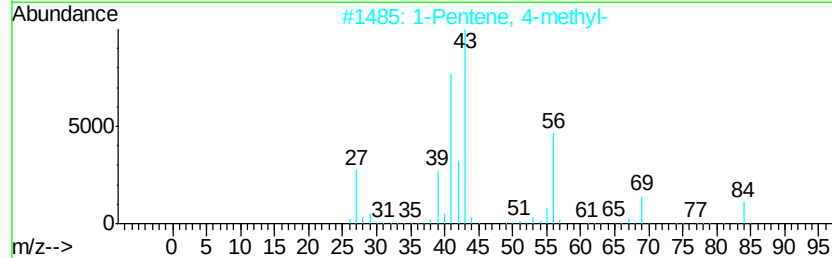
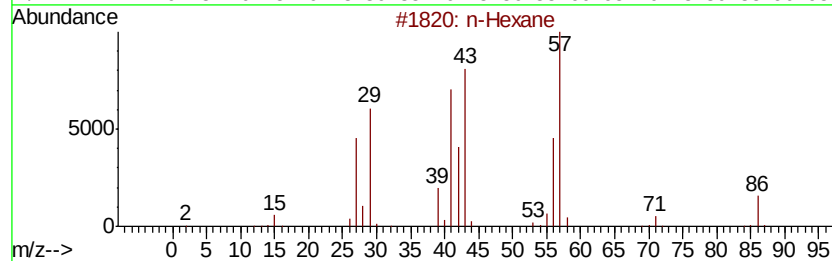
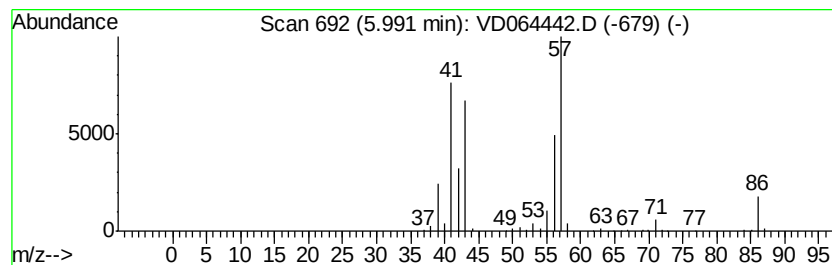
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Quant Title : SW846 8260

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

Peak Number 4 n-Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	16.01 ug/l	950279	Pentafluorobenzene	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	91
2			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
3			Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35
4			Methane, isocyanato-	57	C2H3NO	000624-83-9	32
5			Butanal, 2-methyl-	86	C5H10O	000096-17-3	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

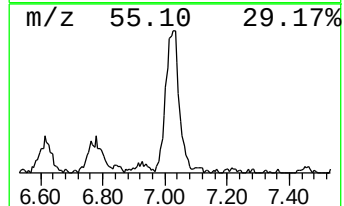
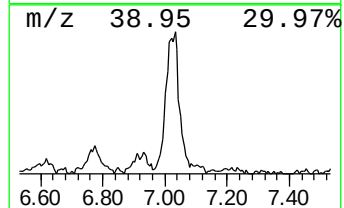
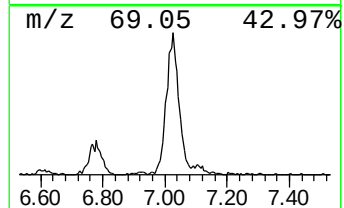
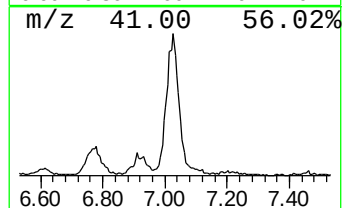
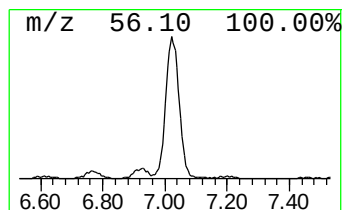
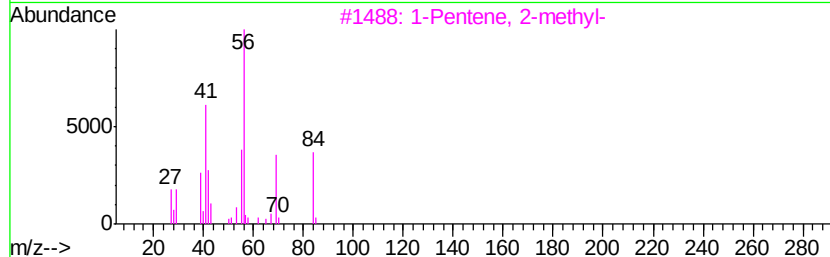
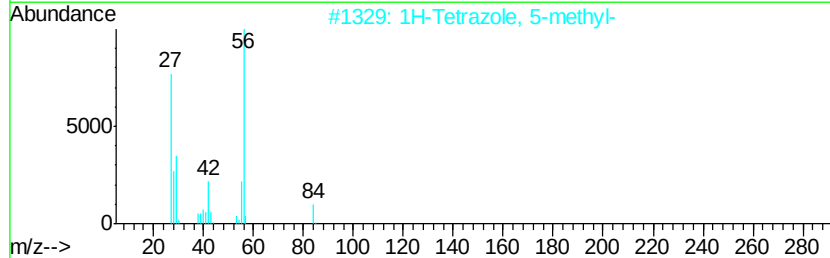
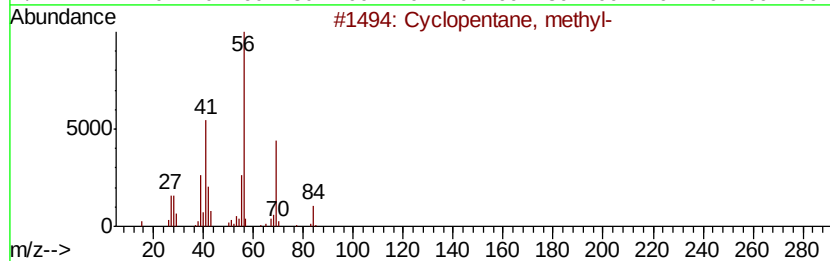
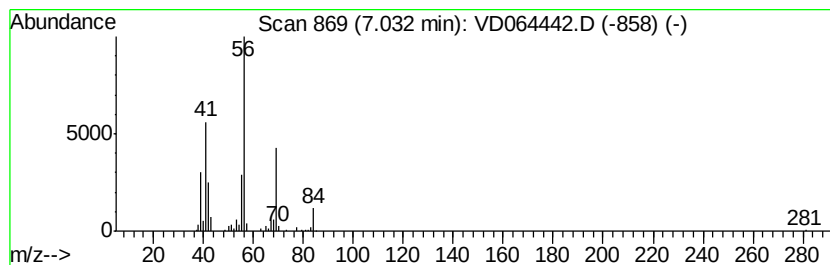
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Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	7.84 ug/l	465310	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
4		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

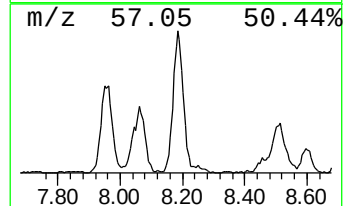
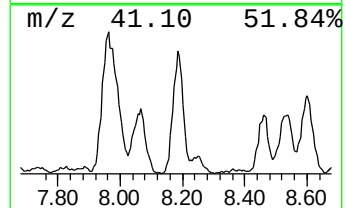
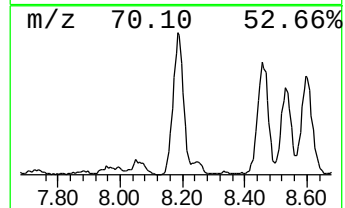
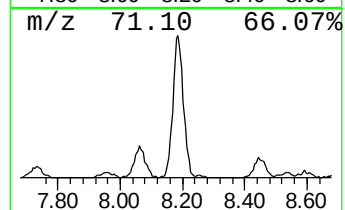
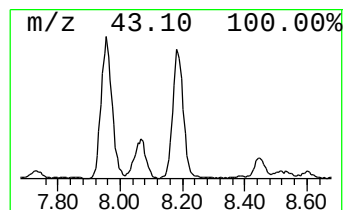
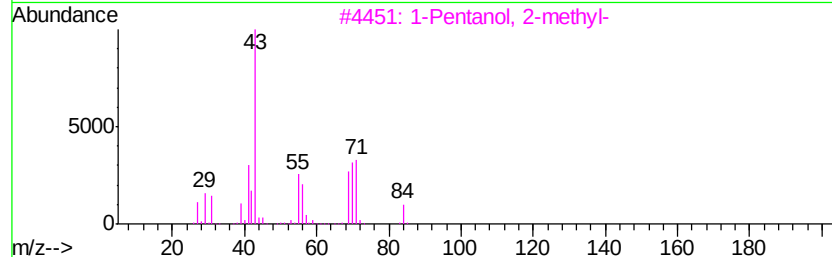
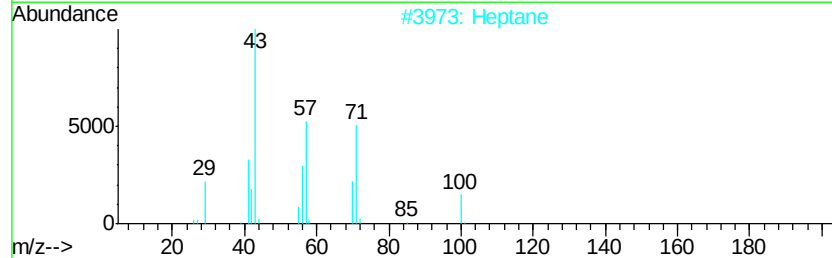
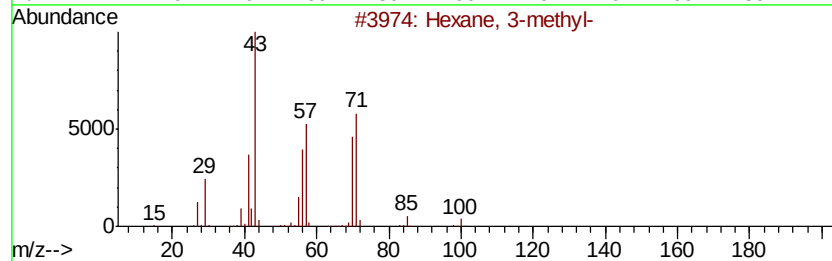
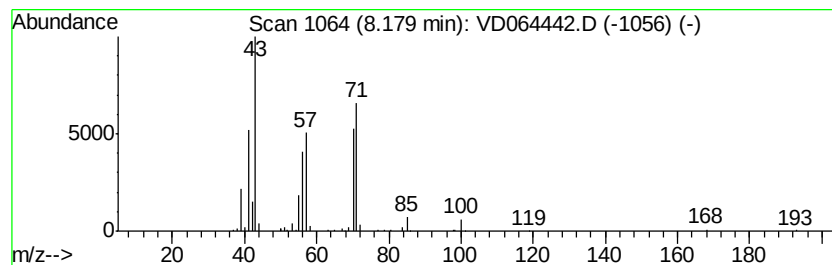
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	10.05 ug/l	596831	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
2		Heptane	100	C7H16	000142-82-5	72
3		1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	59
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

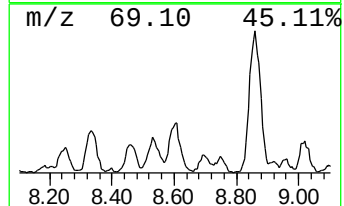
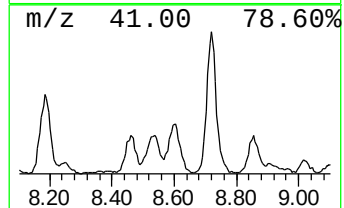
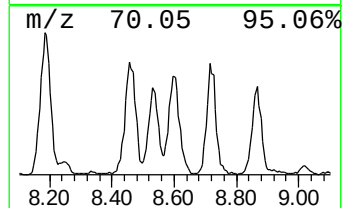
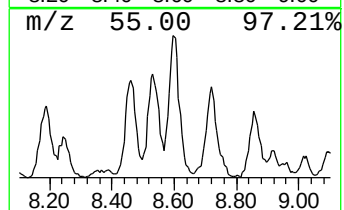
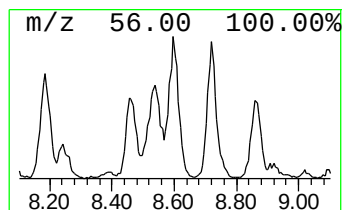
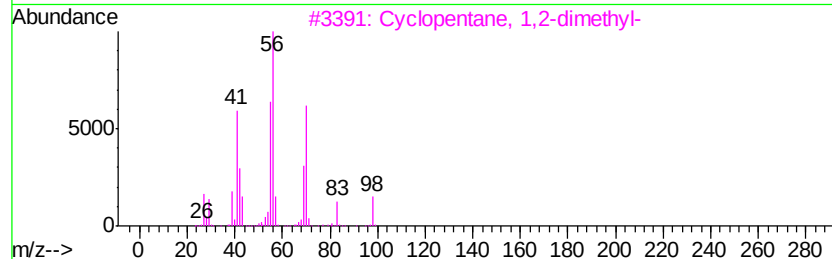
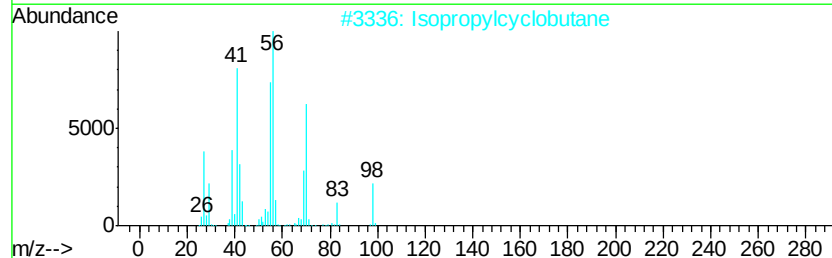
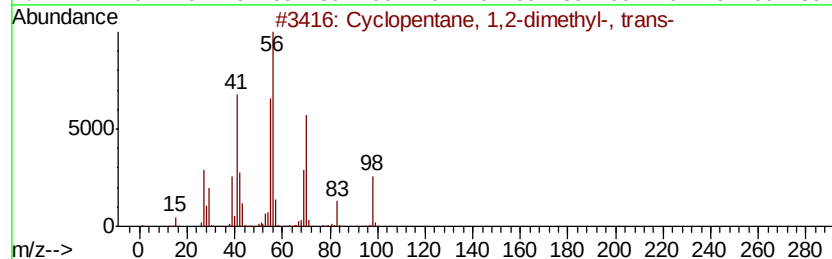
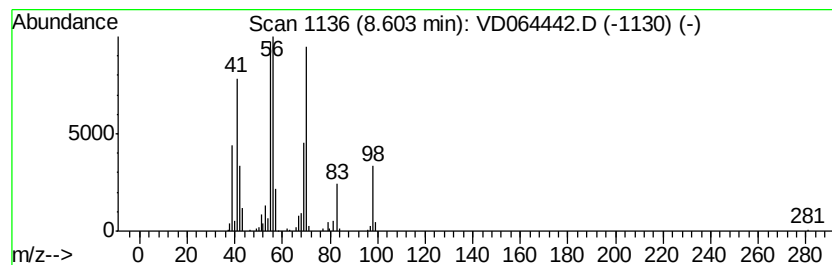
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Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,2-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.34 ug/l	377868	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
2		Isopropylcyclobutane	98	C7H14	000872-56-0	91
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4		1-Heptene	98	C7H14	000592-76-7	72
5		Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
EP-1

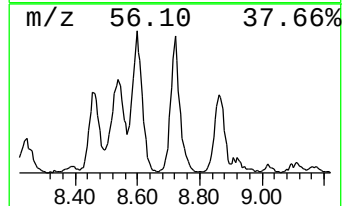
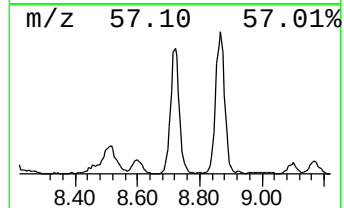
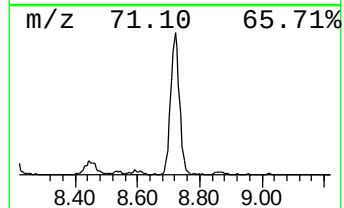
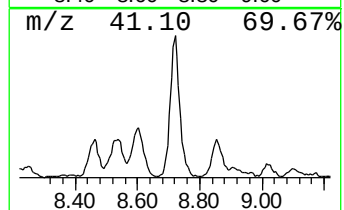
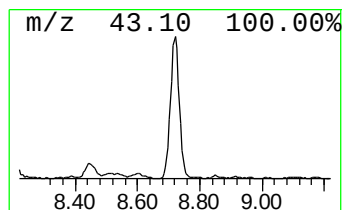
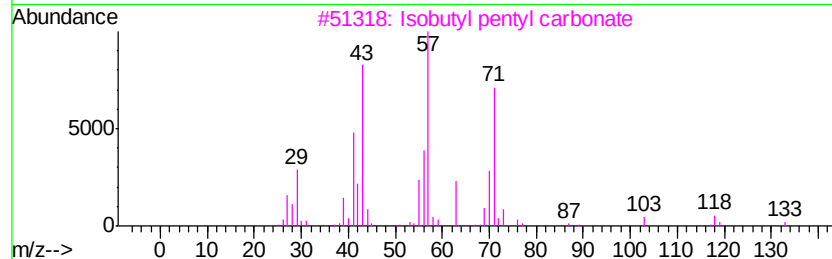
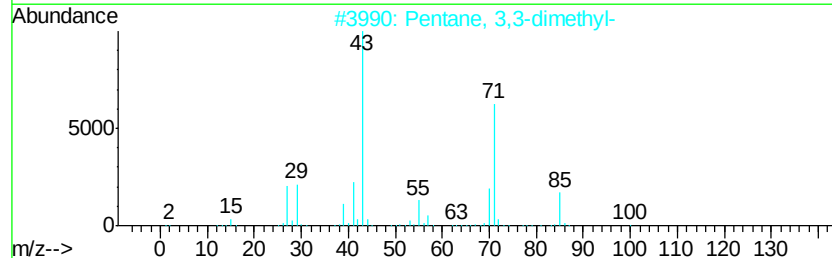
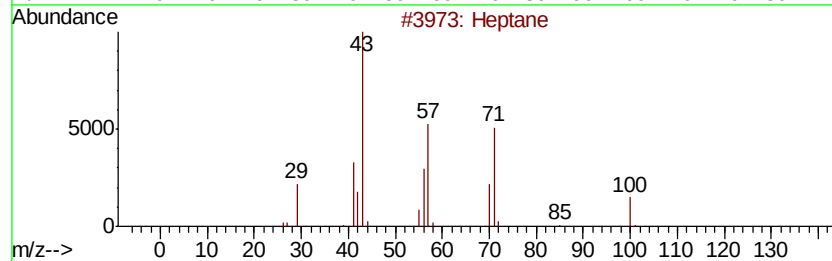
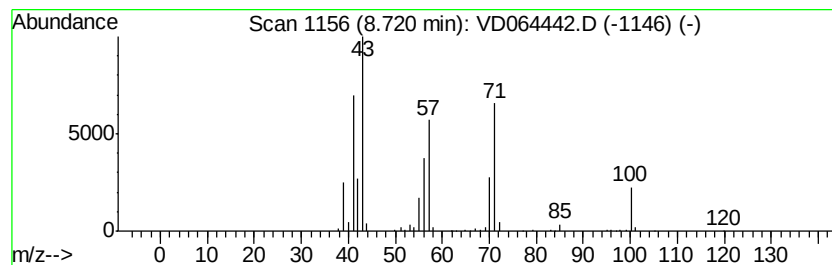
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Quant Title : SW846 8260

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

Peak Number 8 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	13.76 ug/l	819421	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	87
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	45
4		3-Hexanone	100	C6H12O	000589-38-8	43
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

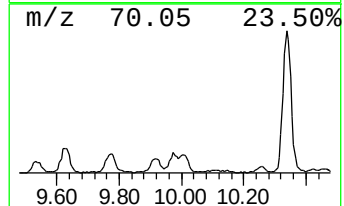
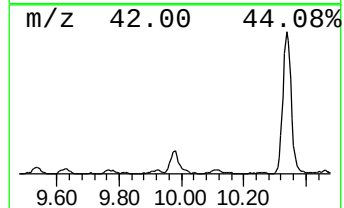
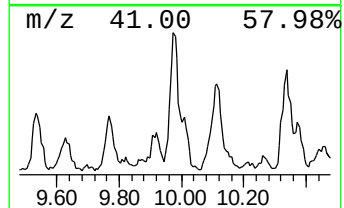
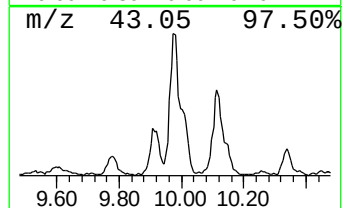
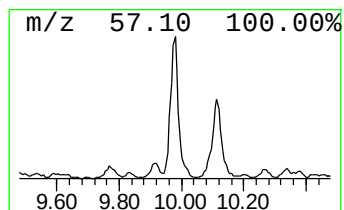
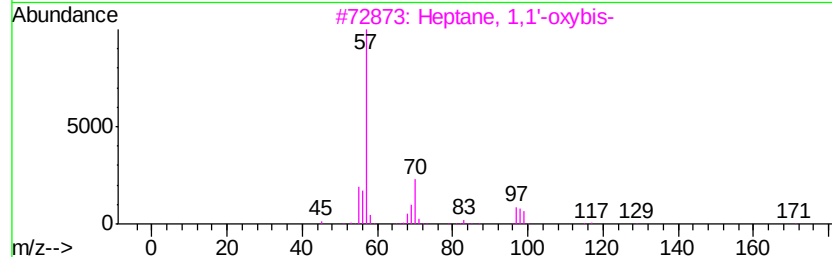
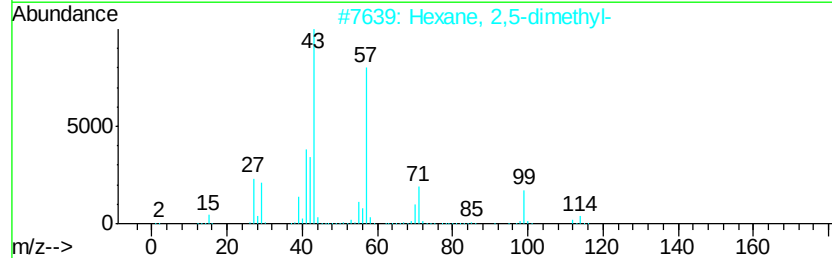
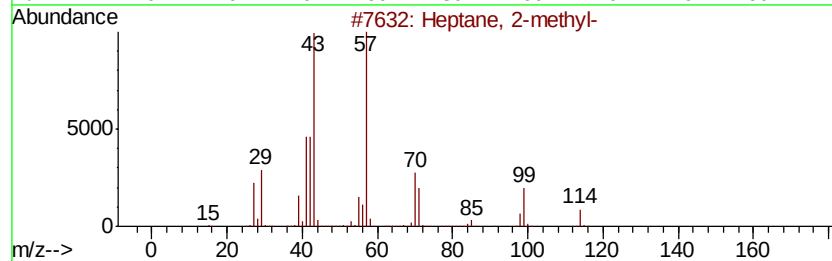
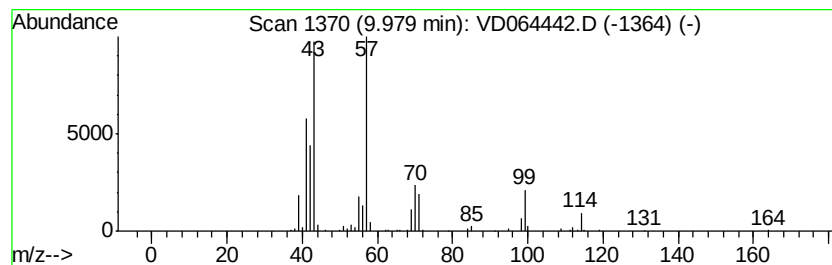
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Quant Title : SW846 8260

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

Peak Number 9 Heptane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	8.07 ug/l	480676	1,4-Difluorobenzene	8.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95	
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52	
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47	
4	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	43	
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	38	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

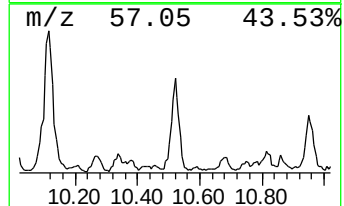
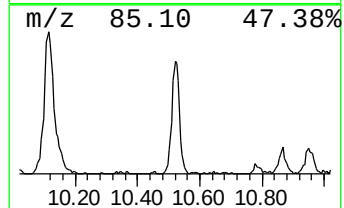
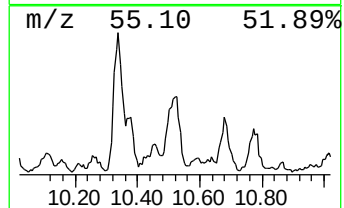
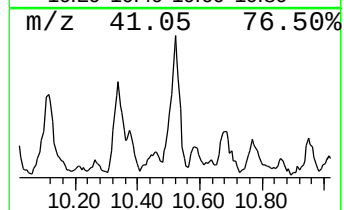
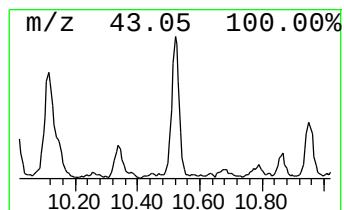
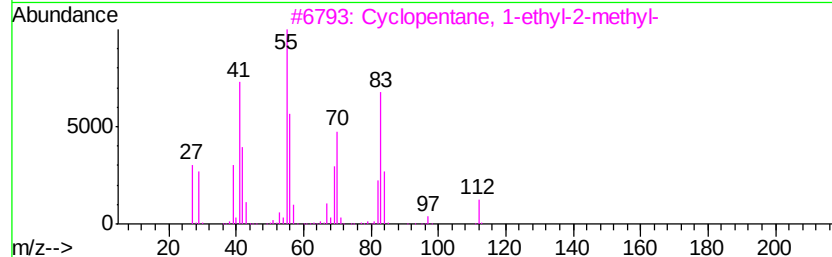
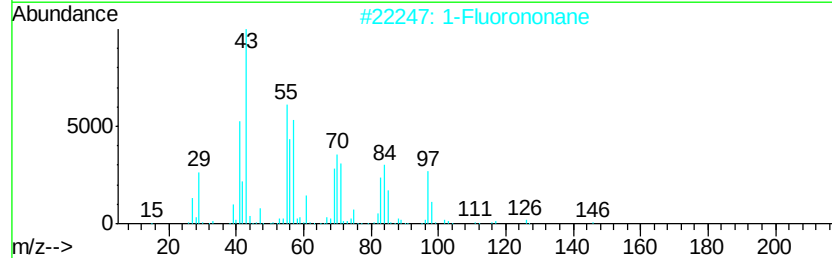
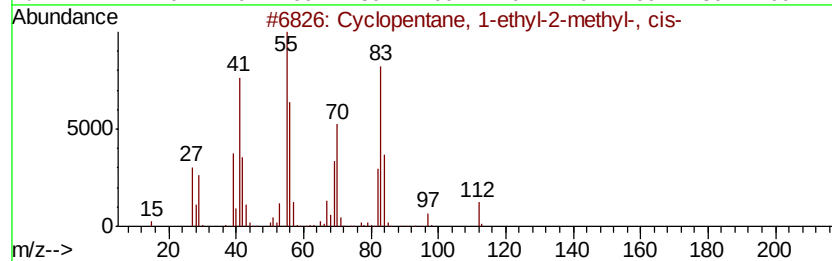
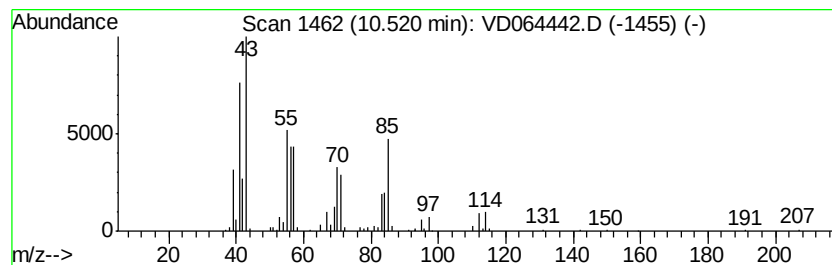
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Quant Title : SW846 8260

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

Peak Number 10 Cyclopentane, 1-ethyl-2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	6.86 ug/l	440861	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	60
2		1-Fluorononane	146	C9H19F	000463-18-3	50
3		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	49
4		Cyclopentane, propyl-	112	C8H16	002040-96-2	43
5		5-Undecene, 8-methyl-, (E)-	168	C12H24	039546-85-5	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120519\
Data File : VD064442.D
Acq On : 05 Dec 2019 18:00
Operator : VA/SY
Sample : K6177-01
Misc : 7.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.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
Pentane	3.40	7.5	ug/l	446166	1	7.98	2968670	50.0
Pentane, 2-methyl-	5.00	18.6	ug/l	1103150	1	7.98	2968670	50.0
Pentane, 3-methyl-	5.48	8.8	ug/l	525692	1	7.98	2968670	50.0
n-Hexane	5.99	16.0	ug/l	950279	1	7.98	2968670	50.0
Cyclopentane, met...	7.03	7.8	ug/l	465310	1	7.98	2968670	50.0
Hexane, 3-methyl-	8.18	10.1	ug/l	596831	1	7.98	2968670	50.0
Cyclopentane, 1,2...	8.60	6.3	ug/l	377868	2	8.87	2978280	50.0
Heptane	8.72	13.8	ug/l	819421	2	8.87	2978280	50.0
Heptane, 2-methyl-	9.98	8.1	ug/l	480676	2	8.87	2978280	50.0
Cyclopentane, 1-e...	10.52	6.9	ug/l	440861	3	11.64	3212200	50.0