

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065888.D
 Acq On : 29 Jun 2020 16:02
 Operator : VA/SY
 Sample : L3129-09
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11982

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\82D062620S.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	2.497	92	98	105	rBV	83117	144172	8.05%	0.909%
2	4.020	348	357	366	rBV	28952	76889	4.29%	0.485%
3	4.150	369	379	400	rBV	612684	1710323	95.53%	10.784%
4	4.962	509	517	519	rBV3	10476	20272	1.13%	0.128%
5	5.214	547	560	577	rVB3	35064	131503	7.34%	0.829%
6	5.832	655	665	678	rBV2	34896	115946	6.48%	0.731%
7	6.156	708	720	734	rBV4	21717	68405	3.82%	0.431%
8	6.944	841	854	866	rBV2	119721	371108	20.73%	2.340%
9	7.208	888	899	914	rBV	192981	515628	28.80%	3.251%
10	7.479	933	945	962	rBV	680093	1761541	98.39%	11.107%
11	7.920	1010	1020	1025	rBV	51990	125427	7.01%	0.791%
12	7.979	1025	1030	1039	rVB	56804	120599	6.74%	0.760%
13	8.332	1080	1090	1100	rVB	61603	140333	7.84%	0.885%
14	8.579	1122	1132	1138	rBV2	41868	104692	5.85%	0.660%
15	8.732	1149	1158	1166	rBV	499335	1035456	57.83%	6.529%
16	8.797	1166	1169	1174	rVV4	10110	19398	1.08%	0.122%
17	8.867	1174	1181	1187	rVV	102743	203234	11.35%	1.281%
18	8.950	1187	1195	1207	rVB	904930	1790386	100.00%	11.289%
19	9.308	1246	1256	1269	rBV	552478	1061722	59.30%	6.694%
20	9.432	1270	1277	1289	rVB2	90086	192835	10.77%	1.216%
21	9.685	1312	1320	1333	rVB2	137431	302093	16.87%	1.905%
22	10.126	1388	1395	1404	rBV6	7611	22661	1.27%	0.143%
23	10.232	1404	1413	1421	rVV	88652	164349	9.18%	1.036%
24	10.344	1424	1432	1438	rVV	123781	243880	13.62%	1.538%
25	10.408	1438	1443	1444	rVV2	41175	62129	3.47%	0.392%
26	10.438	1444	1448	1455	rVV2	81282	155382	8.68%	0.980%
27	10.508	1455	1460	1463	rVV4	13166	25504	1.42%	0.161%
28	10.555	1463	1468	1472	rVV	62424	109918	6.14%	0.693%
29	10.608	1472	1477	1480	rVV	47325	93667	5.23%	0.591%
30	10.644	1481	1483	1492	rVB4	46677	82525	4.61%	0.520%
31	10.726	1492	1497	1505	rBV3	11947	26347	1.47%	0.166%
32	10.844	1511	1517	1531	rVB2	100392	237964	13.29%	1.500%
33	10.985	1533	1541	1547	rBV	91508	164200	9.17%	1.035%
34	11.091	1553	1559	1565	rBV	156966	265152	14.81%	1.672%

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35	11.132	1565	1566	1575	rVB4	12984	19545	1.09%	0.123%
36	11.308	1589	1596	1601	rVB2	47810	85387	4.77%	0.538%
37	11.373	1601	1607	1613	rVB2	61084	105521	5.89%	0.665%
38	11.485	1619	1626	1632	rBV3	25331	56456	3.15%	0.356%
39	11.649	1648	1654	1661	rVB	100114	190391	10.63%	1.200%
40	11.726	1661	1667	1673	rBV	91831	187755	10.49%	1.184%
41	11.785	1673	1677	1683	rVV2	87077	149136	8.33%	0.940%
42	11.867	1683	1691	1692	rVV4	28562	56230	3.14%	0.355%
43	11.891	1692	1695	1702	rVB2	33585	57314	3.20%	0.361%
44	11.955	1702	1706	1711	rBV3	13381	23721	1.32%	0.150%
45	12.014	1711	1716	1722	rVB3	26253	44148	2.47%	0.278%
46	12.085	1722	1728	1738	rBV	83378	156756	8.76%	0.988%
47	12.179	1738	1744	1752	rVB3	19790	38842	2.17%	0.245%
48	12.255	1752	1757	1766	rVB2	27344	50801	2.84%	0.320%
49	12.361	1769	1775	1777	rBV3	47075	84387	4.71%	0.532%
50	12.385	1777	1779	1790	rVB3	51695	97676	5.46%	0.616%
51	12.502	1790	1799	1804	rBV5	24827	50401	2.82%	0.318%
52	12.591	1808	1814	1816	rBV2	19375	28719	1.60%	0.181%
53	12.638	1816	1822	1826	rBV2	67504	108341	6.05%	0.683%
54	12.832	1850	1855	1860	rVB4	18821	33209	1.85%	0.209%
55	12.885	1860	1864	1868	rBV3	28835	49342	2.76%	0.311%
56	12.955	1868	1876	1883	rVB4	107294	238513	13.32%	1.504%
57	13.120	1899	1904	1913	rBV6	11179	25375	1.42%	0.160%
58	13.273	1918	1930	1935	rVV2	76559	195706	10.93%	1.234%
59	13.320	1936	1938	1947	rVB8	15742	23759	1.33%	0.150%
60	13.432	1952	1957	1958	rBV3	17072	24448	1.37%	0.154%
61	13.467	1958	1963	1974	rVB2	108308	206881	11.56%	1.304%
62	13.579	1977	1982	1986	rBV2	69507	121142	6.77%	0.764%
63	13.779	2011	2016	2018	rVV3	27346	43161	2.41%	0.272%
64	13.814	2020	2022	2026	rVB2	22700	29822	1.67%	0.188%
65	13.902	2032	2037	2041	rBV2	69704	100210	5.60%	0.632%
66	14.032	2057	2059	2062	rBV3	13218	18901	1.06%	0.119%
67	14.061	2062	2064	2069	rVB4	22693	29963	1.67%	0.189%
68	14.120	2069	2074	2080	rBV2	37249	59652	3.33%	0.376%
69	14.232	2088	2093	2098	rBV6	25489	47806	2.67%	0.301%
70	14.285	2098	2102	2106	rVV7	18366	32345	1.81%	0.204%
71	14.361	2110	2115	2119	rVV6	22365	46559	2.60%	0.294%

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72	14.414	2119	2124	2126	rVV3	42636	71547	4.00%	0.451%
73	14.449	2126	2130	2133	rVV4	58468	99558	5.56%	0.628%
74	14.490	2133	2137	2140	rVV	28239	47131	2.63%	0.297%
75	14.538	2140	2145	2146	rVV4	29442	52424	2.93%	0.331%
76	14.573	2149	2151	2155	rVV4	43549	62799	3.51%	0.396%
77	14.626	2155	2160	2164	rVB8	17711	36870	2.06%	0.232%
78	14.720	2172	2176	2179	rBV4	25964	49055	2.74%	0.309%
79	14.755	2180	2182	2189	rVB7	28599	45403	2.54%	0.286%
80	14.838	2189	2196	2200	rBV4	60150	135179	7.55%	0.852%
81	14.890	2201	2205	2210	rVB5	34547	60315	3.37%	0.380%
82	15.008	2220	2225	2226	rBV5	17536	29480	1.65%	0.186%
83	15.037	2227	2230	2236	rVV3	29866	41091	2.30%	0.259%
84	15.102	2237	2241	2246	rVB5	42390	71817	4.01%	0.453%
85	15.173	2248	2253	2254	rBV5	17418	28446	1.59%	0.179%
86	15.367	2281	2286	2289	rBV7	17611	34574	1.93%	0.218%
87	15.408	2289	2293	2296	rVV	22119	41483	2.32%	0.262%
88	15.443	2297	2299	2304	rVB4	26887	45964	2.57%	0.290%
89	15.855	2364	2369	2374	rBV9	17640	48206	2.69%	0.304%
90	15.914	2376	2379	2384	rVV7	20216	40150	2.24%	0.253%
91	16.696	2506	2512	2527	rVB8	75206	234331	13.09%	1.478%

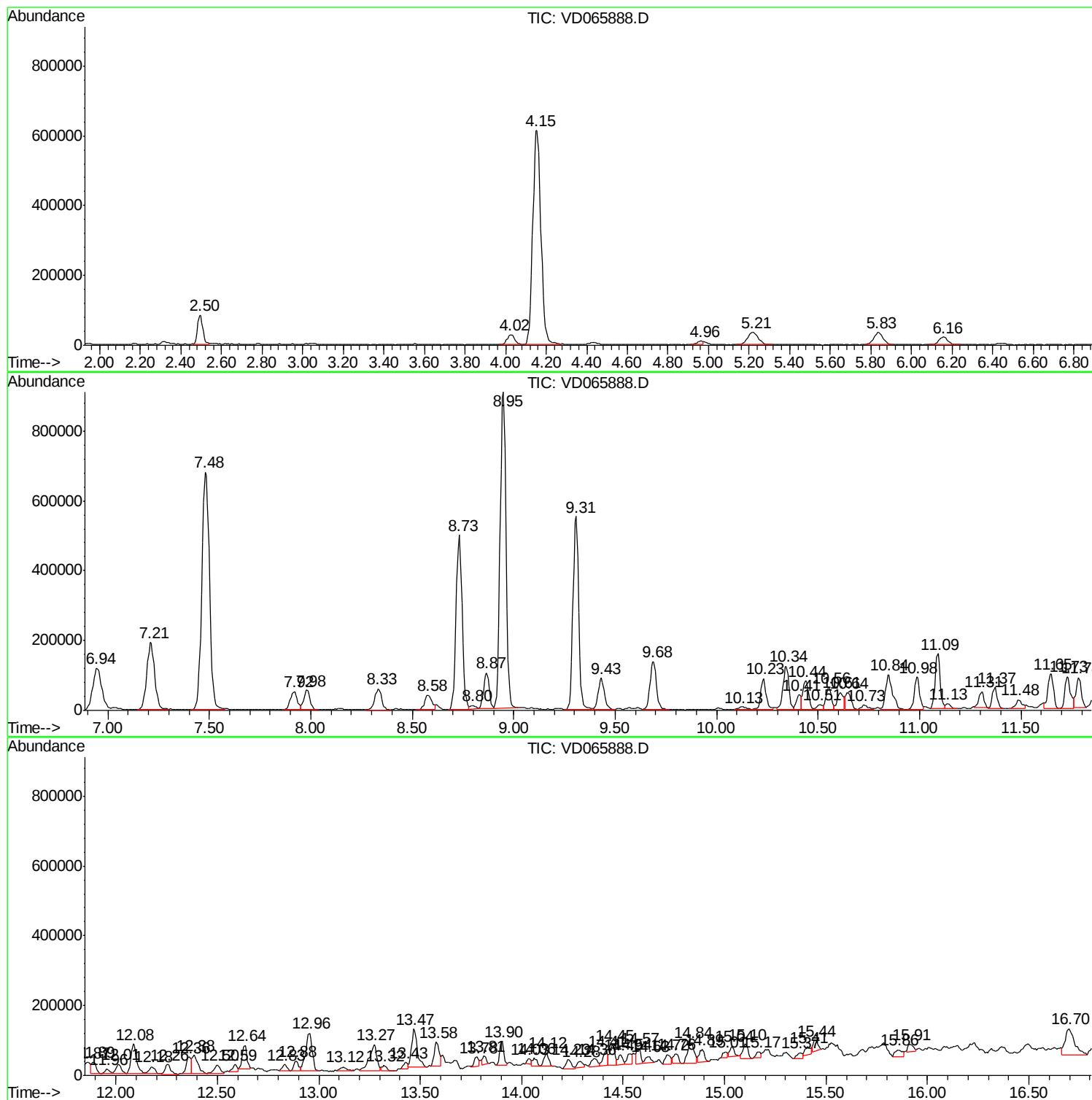
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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



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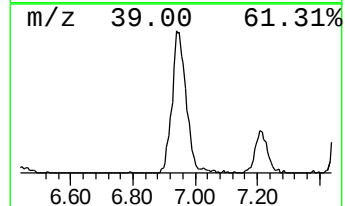
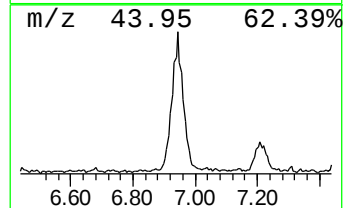
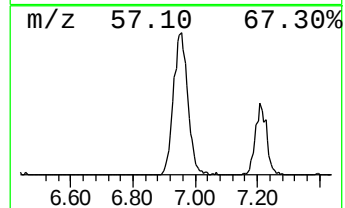
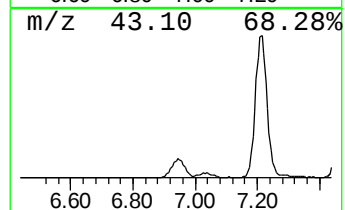
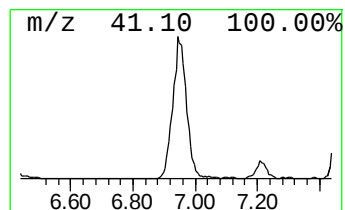
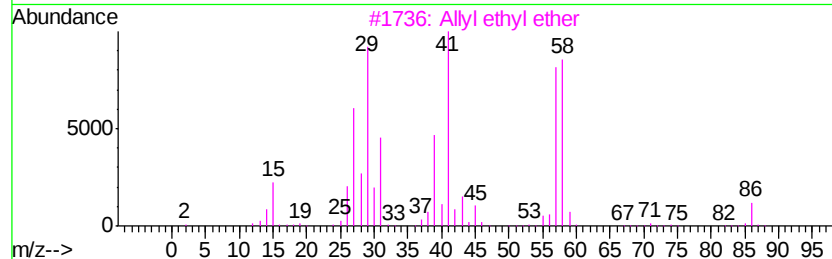
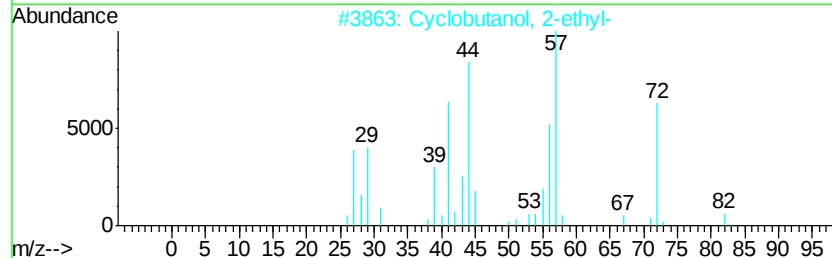
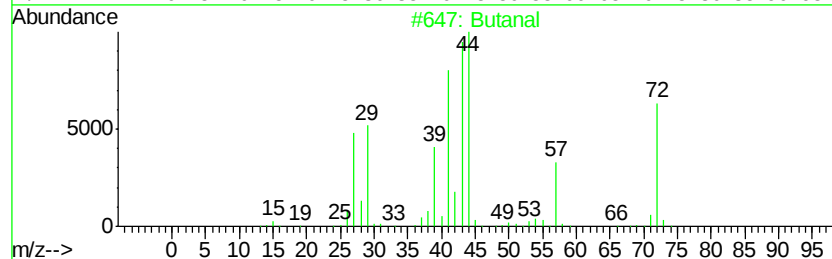
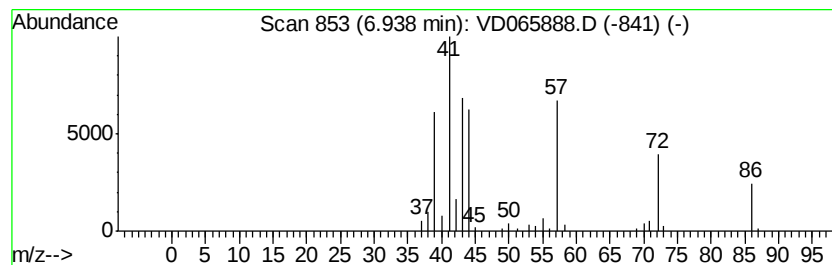
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 2 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	153.86 ug/l	371108	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	52
2		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	38
3		Allyl ethyl ether	86	C5H10O	000557-31-3	38
4		Diaziridine, 3,3-dimethyl-	72	C3H8N2	004901-76-2	37
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	35



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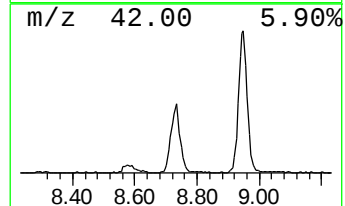
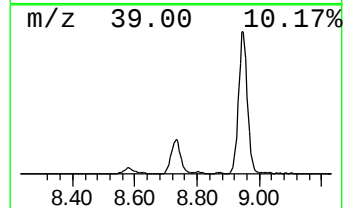
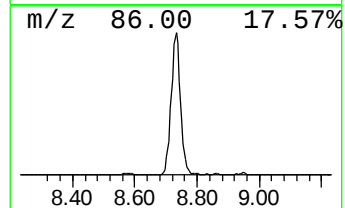
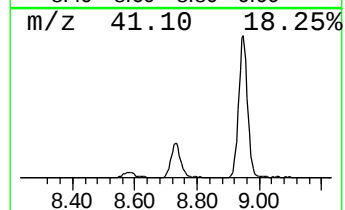
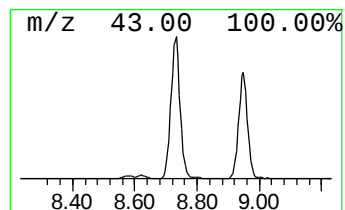
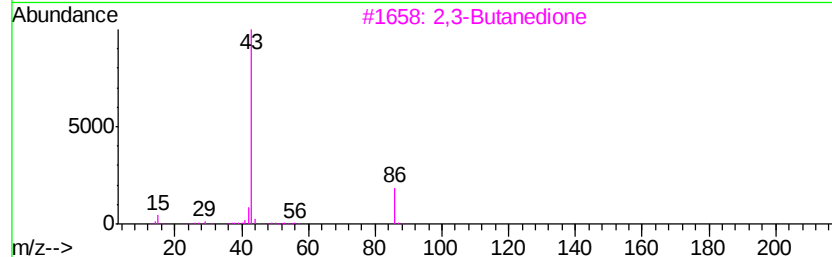
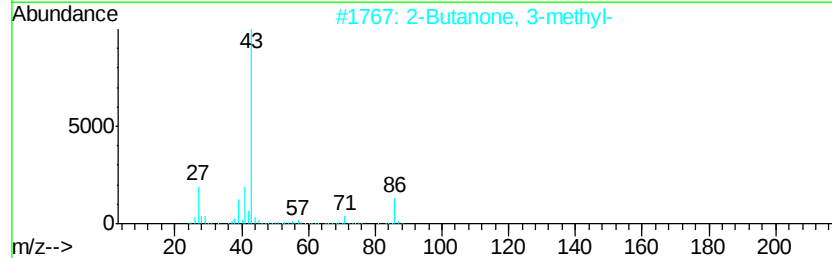
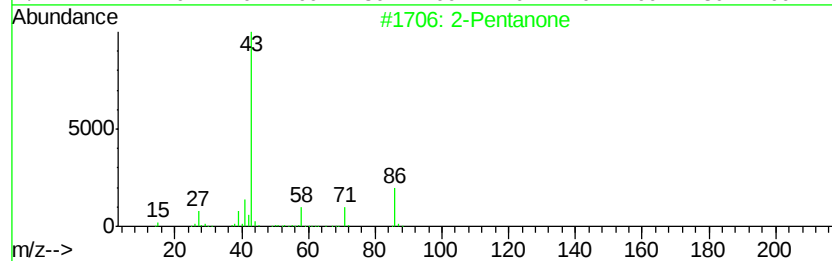
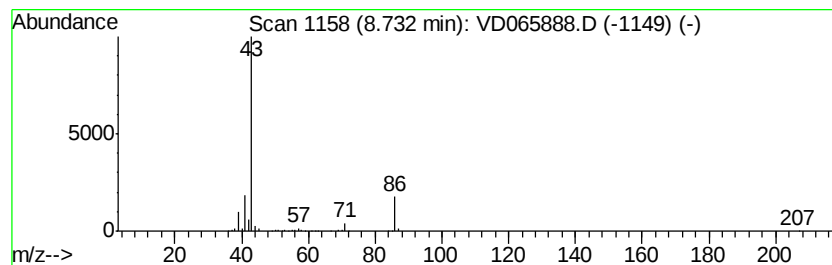
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 3 2-Pentanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	254.75 ug/l	1035460	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone	86	C5H10O	000107-87-9	64
2		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3		2,3-Butanedione	86	C4H6O2	000431-03-8	58
4		2,3-Hexanedione	114	C6H10O2	003848-24-6	9
5		2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	9



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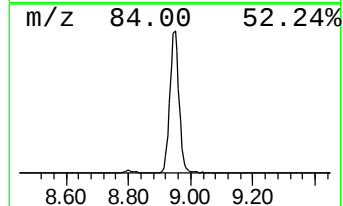
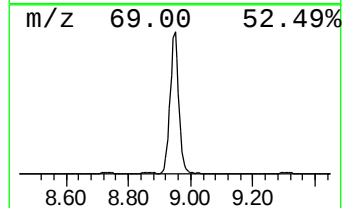
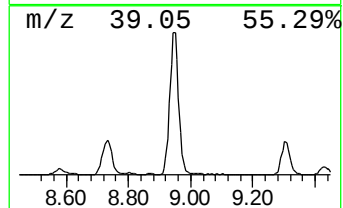
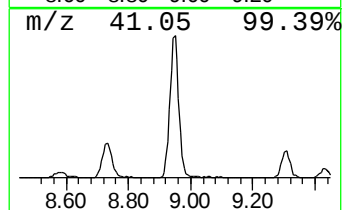
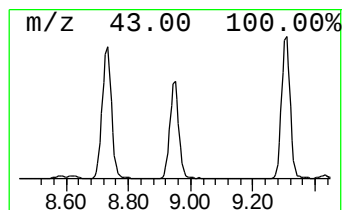
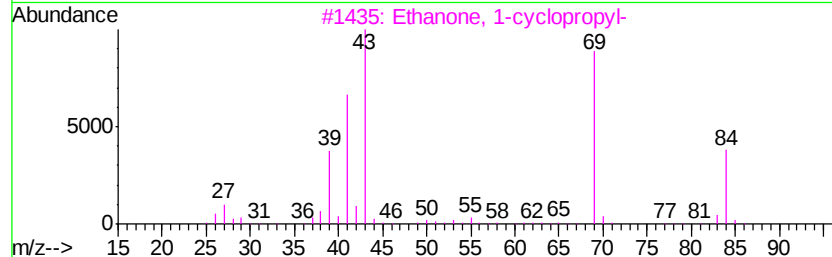
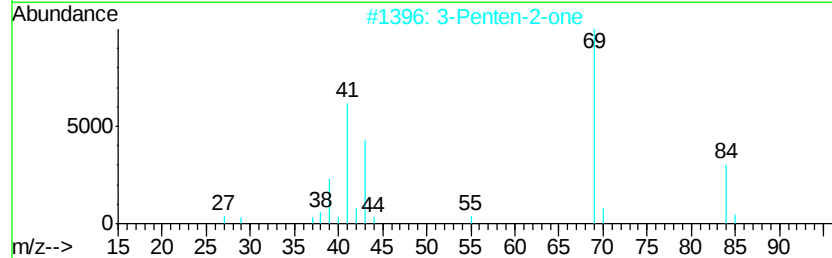
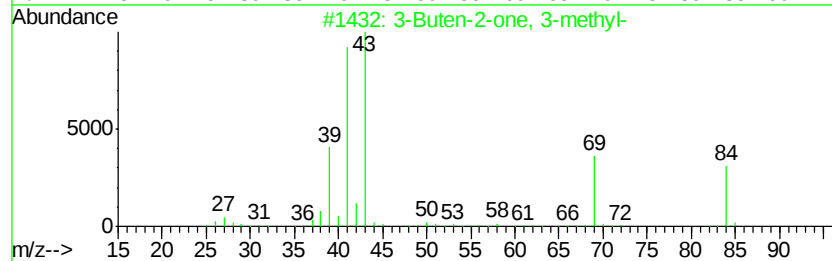
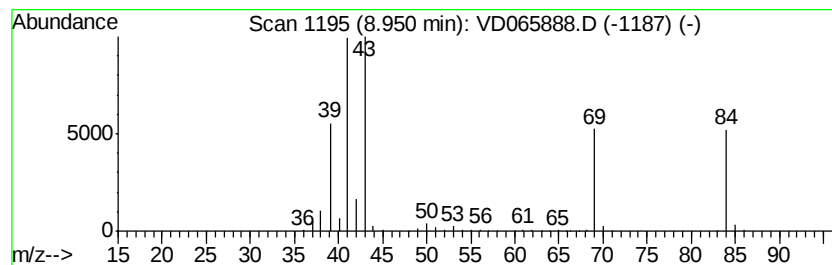
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 4 3-Buten-2-one, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	440.47 ug/l	1790390	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2		3-Penten-2-one	84	C5H8O	000625-33-2	86
3		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	58
4		3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	50
5		Methacrolein	70	C4H6O	000078-85-3	43



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ClientSampleId :
72-11982

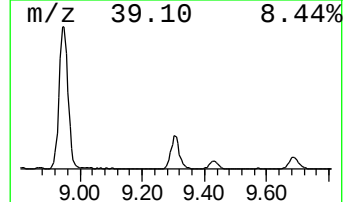
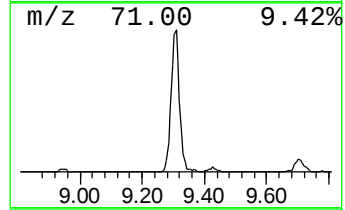
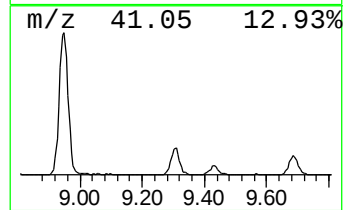
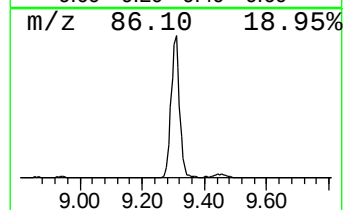
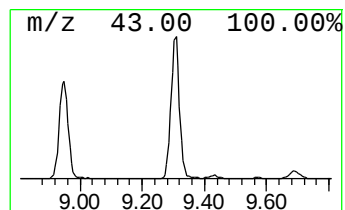
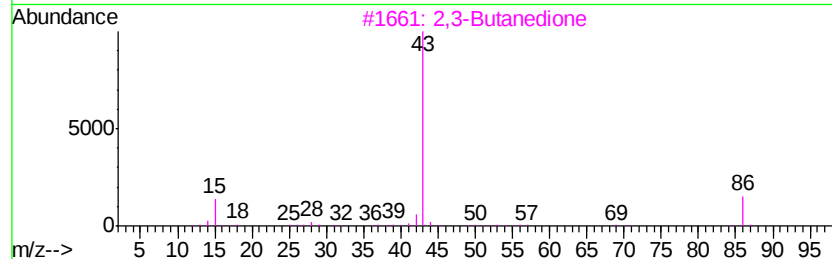
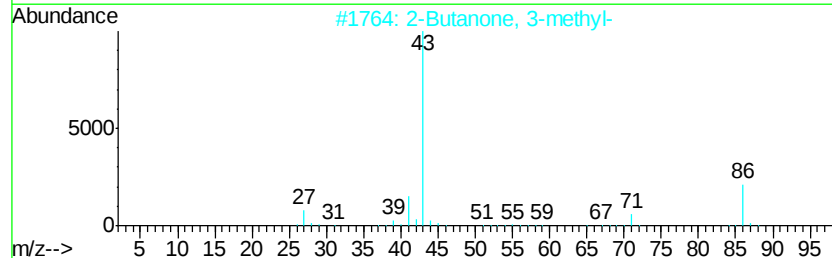
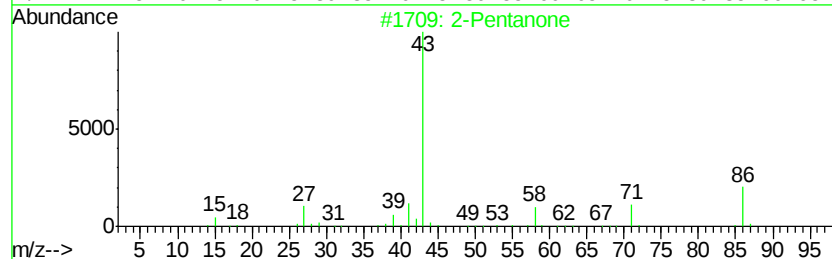
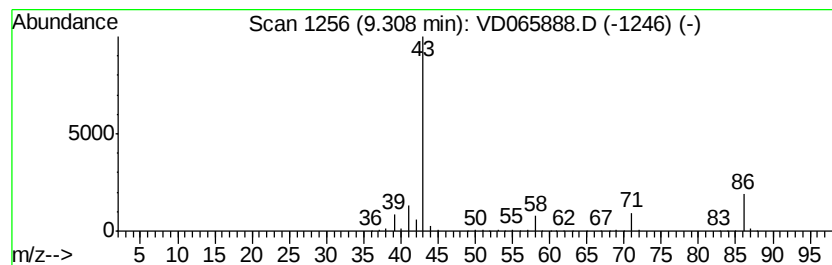
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Quant Title : SW846 8260

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

Peak Number 5 2-Butanone, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	261.21 ug/l	1061720	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone	86	C5H10O	000107-87-9	90
2		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
3		2,3-Butanedione	86	C4H6O2	000431-03-8	47
4		Butane	58	C4H10	000106-97-8	9
5		2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065888.D
Acq On : 29 Jun 2020 16:02
Operator : VA/SY
Sample : L3129-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11982

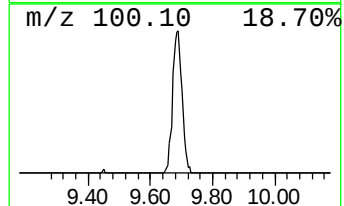
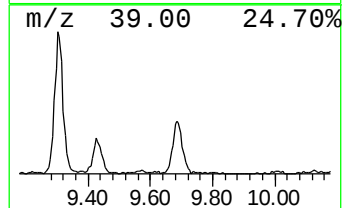
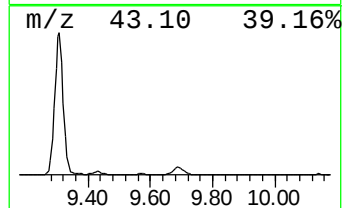
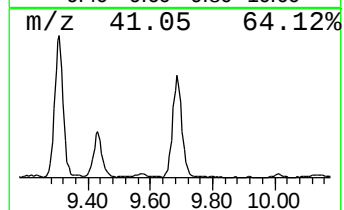
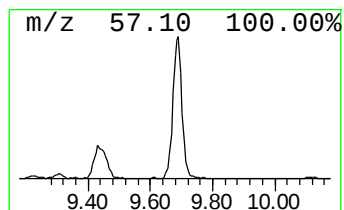
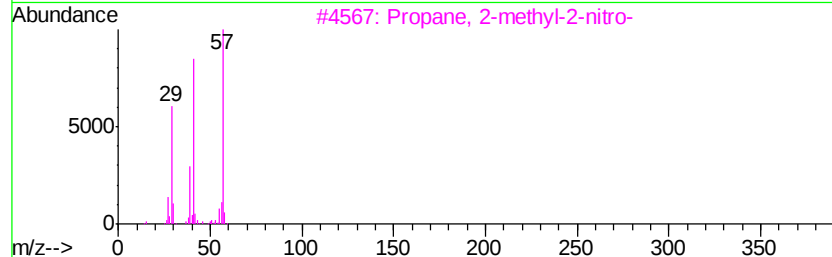
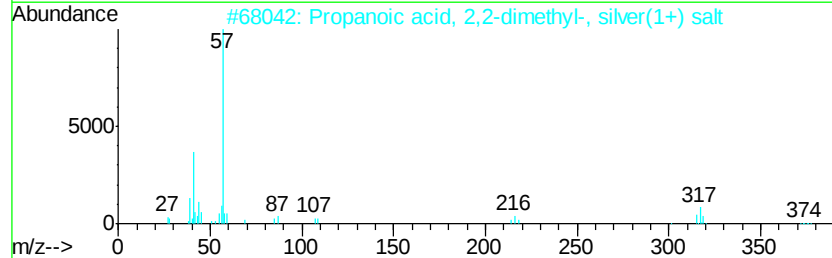
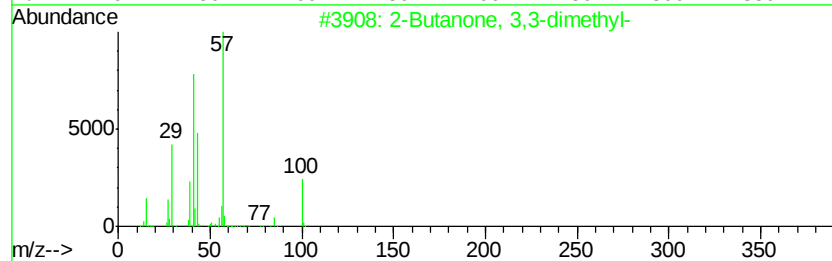
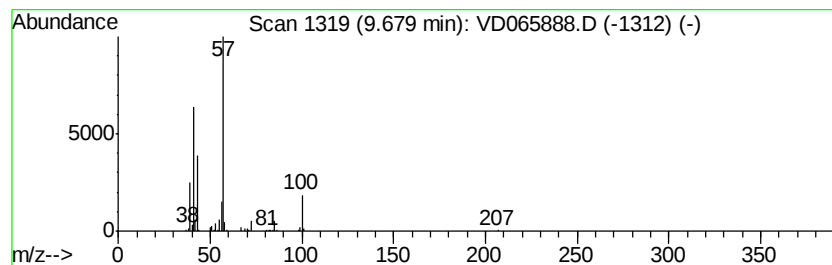
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Quant Title : SW846 8260

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

Peak Number 6 2-Butanone, 3,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	74.32 ug/l	302093	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	90
2		Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AqO2	007324-58-5	53
3		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	50
4		Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	40
5		3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065888.D
Acq On : 29 Jun 2020 16:02
Operator : VA/SY
Sample : L3129-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11982

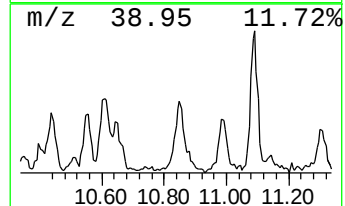
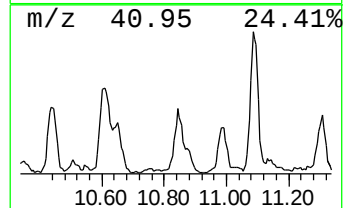
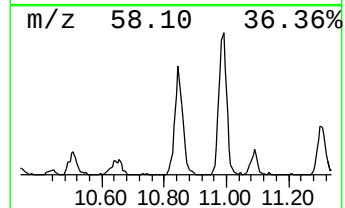
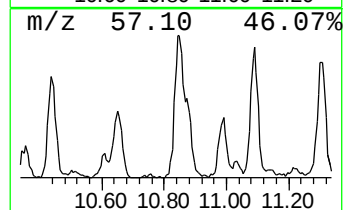
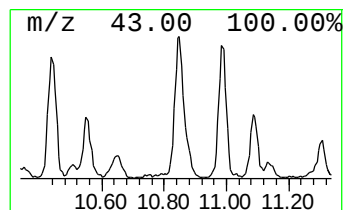
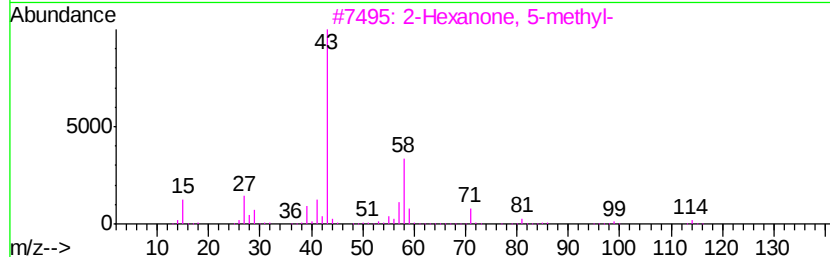
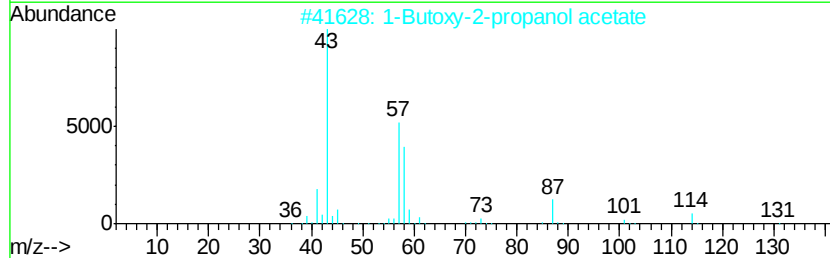
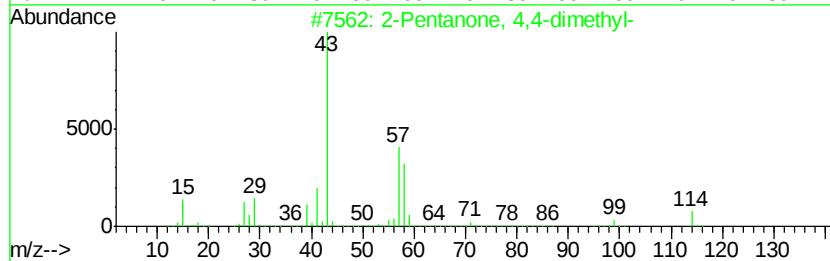
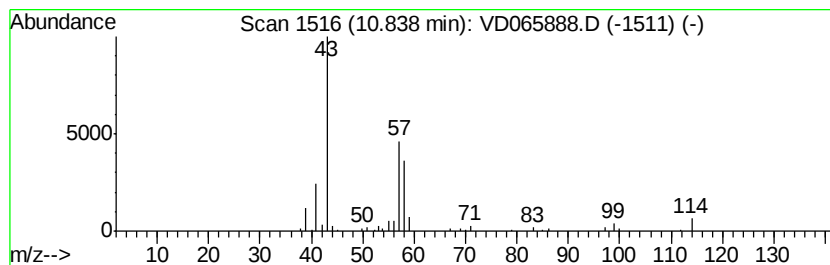
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Quant Title : SW846 8260

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

Peak Number 7 2-Pentanone, 4,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	62.49 ug/l	237964	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	90
2		1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	72
3		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	56
4		2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
5		2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065888.D
Acq On : 29 Jun 2020 16:02
Operator : VA/SY
Sample : L3129-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11982

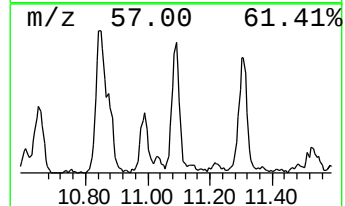
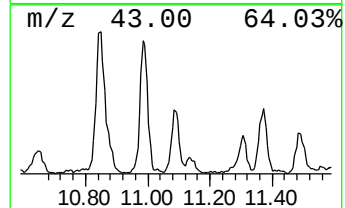
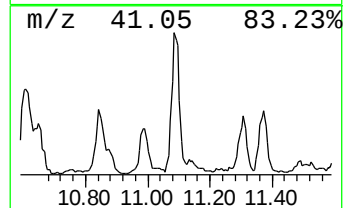
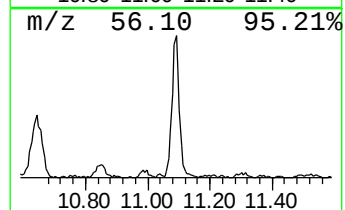
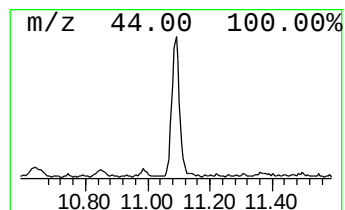
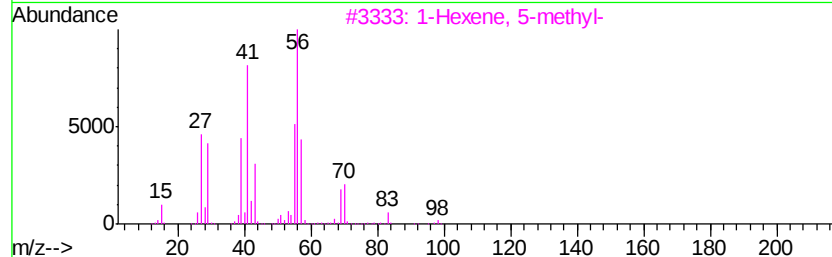
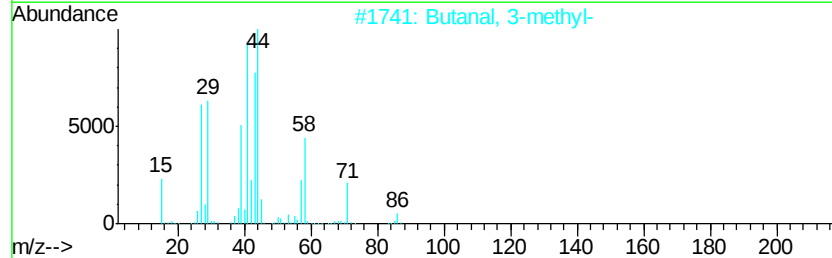
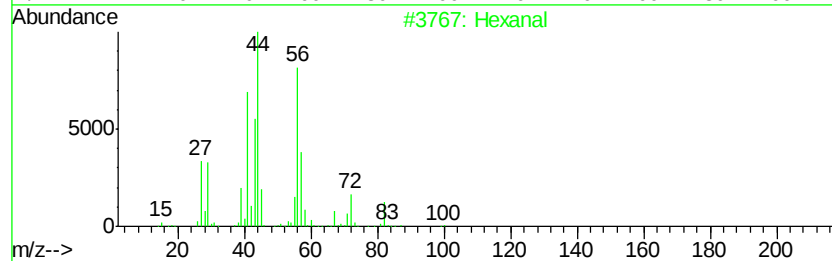
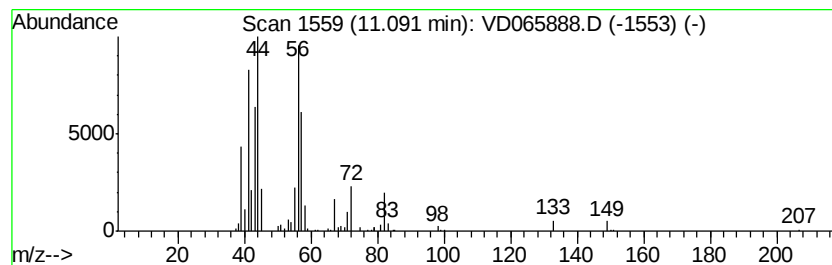
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Quant Title : SW846 8260

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

Peak Number 8 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	69.63 ug/l	265152	Chlorobenzene-d5	11.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	68
2	Butanal, 3-methyl-		86	C5H10O	000590-86-3	38
3	1-Hexene, 5-methyl-		98	C7H14	003524-73-0	27
4	Urea, trimethyl-		102	C4H10N2O	000632-14-4	25
5	Pentanal, 3-methyl-		100	C6H12O	015877-57-3	16



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065888.D
Acq On : 29 Jun 2020 16:02
Operator : VA/SY
Sample : L3129-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11982

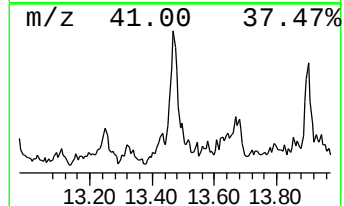
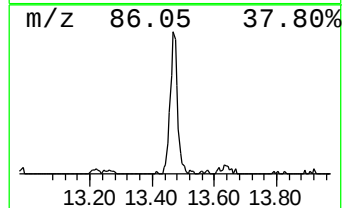
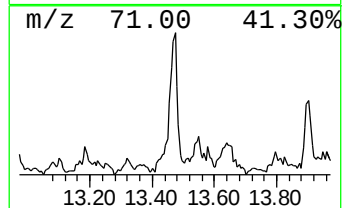
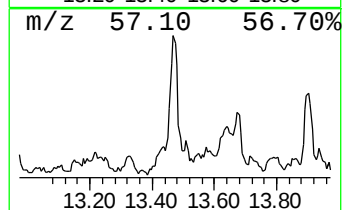
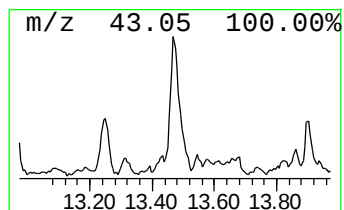
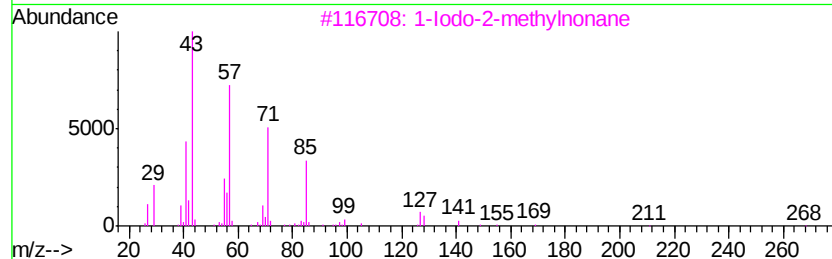
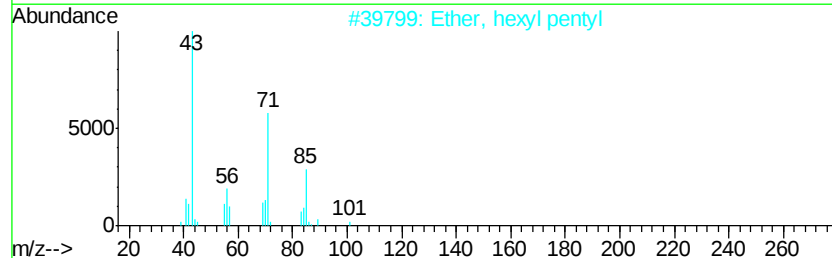
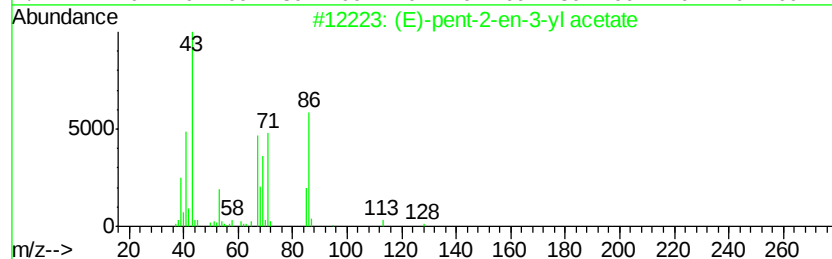
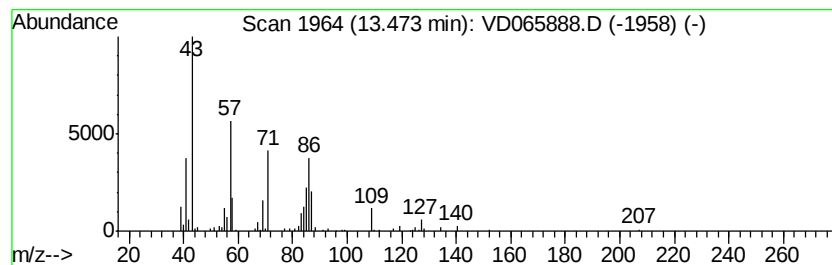
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Quant Title : SW846 8260

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

Peak Number 9 unknown13.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	85.39 ug/l	206881	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-pent-2-en-3-yl acetate	128	C7H12O2	1000374-05-0	38	
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	35	
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	25	
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	25	
5	Oxalic acid, monoamide, n-propyl...	285	C16H31NO3	1000309-65-0	23	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
Data File : VD065888.D
Acq On : 29 Jun 2020 16:02
Operator : VA/SY
Sample : L3129-09
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11982

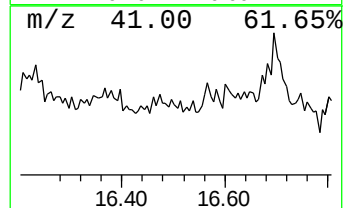
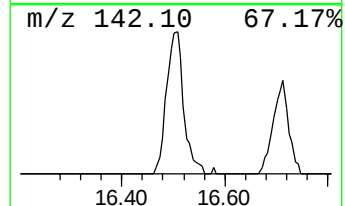
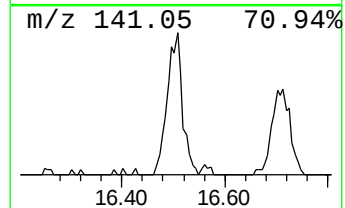
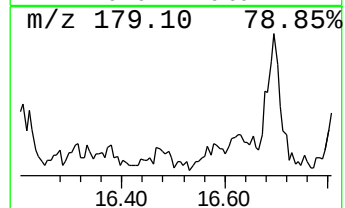
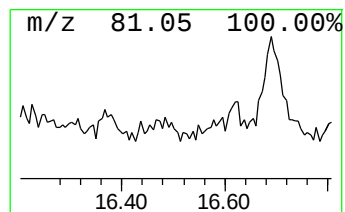
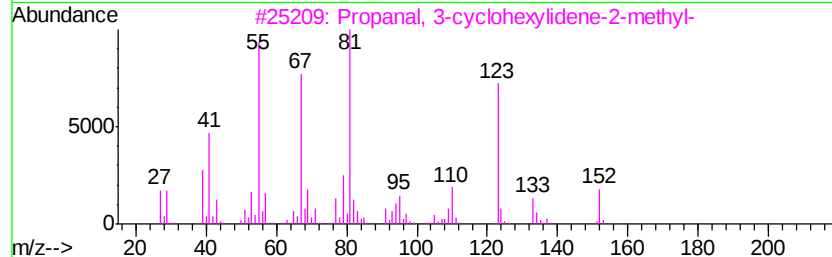
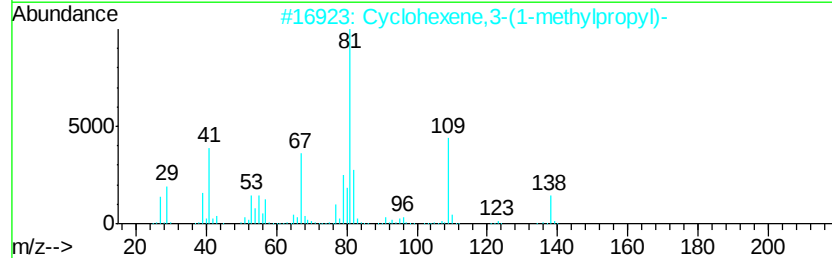
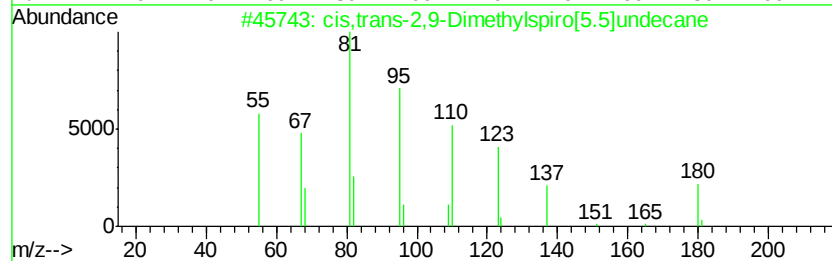
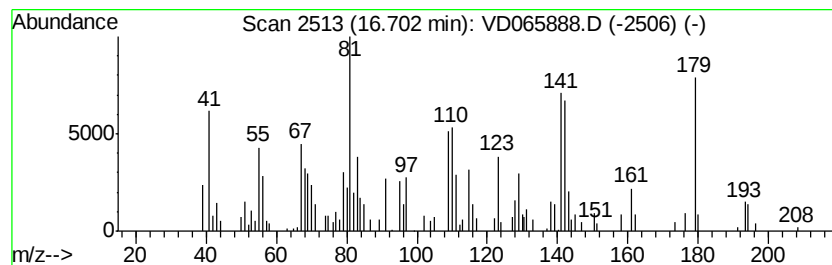
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.70 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	96.72 ug/l	234331	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2,9-Dimethylspiro[5.5]undecane	180	C13H24	095530-74-8	38
2		Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	15
3		Propanal, 3-cyclohexylidene-2-methyl-	152	C10H16O	053155-83-2	14
4		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	11
5		Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD062920\
 Data File : VD065888.D
 Acq On : 29 Jun 2020 16:02
 Operator : VA/SY
 Sample : L3129-09
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11982

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.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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2-Pentanone	8.73	254.8	ug/l	1035460	2	8.87	203234	50.0
3-Buten-2-one, 3-...	8.95	440.5	ug/l	1790390	2	8.87	203234	50.0
2-Butanone, 3-met...	9.31	261.2	ug/l	1061720	2	8.87	203234	50.0
2-Butanone, 3,3-d...	9.68	74.3	ug/l	302093	2	8.87	203234	50.0
2-Pentanone, 4,4-...	10.84	62.5	ug/l	237964	3	11.65	190391	50.0
Hexanal	11.09	69.6	ug/l	265152	3	11.65	190391	50.0
unknown13.47	13.47	85.4	ug/l	206881	4	13.58	121142	50.0
unknown16.70	16.70	96.7	ug/l	234331	4	13.58	121142	50.0