

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007254.D
 Acq On : 21 Jan 2022 15:26
 Operator : SY/MD
 Sample : N1217-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-72017

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_Y\methods\82Y011322S.M
 Title : SW846 8260

Signal : TIC: VY007254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.003	29	30	34	rVB	422	439	1.47%	0.148%
2	2.058	34	39	46	rBV2	887	1932	6.47%	0.650%
3	2.302	76	79	83	rVB2	340	482	1.61%	0.162%
4	2.357	83	88	89	rBV	400	472	1.58%	0.159%
5	2.461	101	105	107	rBV2	363	428	1.43%	0.144%
6	2.491	107	110	113	rVB	232	367	1.23%	0.123%
7	2.668	138	139	143	rVB2	382	343	1.15%	0.115%
8	2.845	164	168	169	rVV2	255	324	1.09%	0.109%
9	2.893	173	176	178	rBV	289	347	1.16%	0.117%
10	3.034	192	199	200	rVV2	241	388	1.30%	0.131%
11	3.113	210	212	217	rVB2	270	447	1.50%	0.150%
12	3.369	251	254	256	rBV2	387	388	1.30%	0.131%
13	3.588	289	290	294	rBV	236	305	1.02%	0.103%
14	3.948	339	349	365	rBV2	8968	25656	85.93%	8.631%
15	4.192	381	389	390	rBV2	975	1702	5.70%	0.573%
16	4.204	390	391	396	rVB2	765	938	3.14%	0.316%
17	4.722	471	476	477	rBV3	378	485	1.62%	0.163%
18	6.856	820	826	829	rBV2	243	481	1.61%	0.162%
19	6.984	839	847	848	rBV2	1462	2268	7.60%	0.763%
20	7.039	854	856	859	rVB2	301	347	1.16%	0.117%
21	7.722	961	968	974	rVV3	4644	11025	36.92%	3.709%
22	7.795	974	980	992	rVB2	4783	11525	38.60%	3.877%
23	8.149	1027	1038	1047	rVB2	5183	12037	40.31%	4.049%
24	8.234	1051	1052	1057	rVB2	270	348	1.17%	0.117%
25	8.569	1102	1107	1108	rBV2	430	611	2.05%	0.206%
26	8.587	1108	1110	1115	rVB2	278	439	1.47%	0.148%
27	8.697	1120	1128	1136	rVV2	10594	20312	68.03%	6.833%
28	9.142	1197	1201	1206	rBV4	1193	2062	6.91%	0.694%
29	9.209	1209	1212	1215	rBV2	229	300	1.00%	0.101%
30	9.331	1229	1232	1235	rBV	211	340	1.14%	0.114%
31	9.520	1258	1263	1265	rBV	222	429	1.44%	0.144%
32	10.081	1346	1355	1364	rBV	5108	11665	39.07%	3.924%
33	10.185	1364	1372	1381	rVV	15739	28841	96.59%	9.703%
34	10.246	1381	1382	1387	rVB2	577	638	2.14%	0.215%
35	10.423	1408	1411	1416	rBV3	227	375	1.26%	0.126%
36	10.587	1432	1438	1447	rVB	1413	2344	7.85%	0.789%

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37	10.697	1454	1456	1462	rVB3	300	503	1.68%	0.169%
38	10.953	1494	1498	1504	rVB3	690	1157	3.88%	0.389%
39	11.276	1546	1551	1553	rBV	275	323	1.08%	0.109%
40	11.319	1553	1558	1564	rVB3	750	1319	4.42%	0.444%

41	11.496	1580	1587	1594	rVV	17102	27462	91.98%	9.239%
42	11.599	1599	1604	1610	rVV3	1072	1660	5.56%	0.558%
43	11.709	1614	1622	1628	rVV2	4817	9148	30.64%	3.078%
44	11.776	1628	1633	1640	rVB3	177	445	1.49%	0.150%
45	12.032	1670	1675	1681	rBV	2903	4650	15.57%	1.564%

46	12.117	1684	1689	1690	rBV2	371	549	1.84%	0.185%
47	12.331	1720	1724	1729	rVB2	360	677	2.27%	0.228%
48	12.373	1729	1731	1734	rBV	324	354	1.19%	0.119%
49	12.489	1743	1750	1759	rVB3	17931	29858	100.00%	10.045%
50	12.672	1776	1780	1786	rVB3	730	1140	3.82%	0.384%

51	12.745	1786	1792	1796	rBV2	2892	4818	16.14%	1.621%
52	12.818	1801	1804	1809	rVB5	1707	2540	8.51%	0.854%
53	12.977	1823	1830	1834	rBV	1552	2077	6.96%	0.699%
54	13.068	1839	1845	1850	rBV3	665	1304	4.37%	0.439%
55	13.123	1850	1854	1860	rBV2	6639	9345	31.30%	3.144%

56	13.184	1860	1864	1870	rVB3	703	1110	3.72%	0.373%
57	13.288	1874	1881	1884	rVB5	915	1490	4.99%	0.501%
58	13.324	1884	1887	1890	rVB2	438	641	2.15%	0.216%
59	13.373	1892	1895	1898	rBV2	491	649	2.17%	0.218%
60	13.428	1898	1904	1913	rBV3	12679	22598	75.68%	7.602%

61	13.538	1920	1922	1924	rVB2	397	334	1.12%	0.112%
62	13.635	1933	1938	1941	rVV5	1873	3155	10.57%	1.061%
63	13.666	1941	1943	1947	rVV2	1067	1680	5.63%	0.565%
64	13.702	1947	1949	1953	rVV3	656	815	2.73%	0.274%
65	13.757	1953	1958	1966	rVB3	2494	3677	12.31%	1.237%

66	13.818	1966	1968	1971	rBV2	363	530	1.78%	0.178%
67	13.891	1974	1980	1983	rBV4	616	964	3.23%	0.324%
68	13.922	1983	1985	1988	rVV2	412	402	1.35%	0.135%
69	13.971	1988	1993	2000	rVB4	1451	2628	8.80%	0.884%
70	14.087	2008	2012	2016	rVB4	631	876	2.93%	0.295%

71	14.135	2019	2020	2025	rVV2	335	336	1.13%	0.113%
72	14.300	2044	2047	2049	rVB	655	580	1.94%	0.195%
73	14.336	2049	2053	2058	rBV4	798	982	3.29%	0.330%
74	14.483	2074	2077	2082	rBV3	423	756	2.53%	0.254%
75	14.684	2106	2110	2113	rBV5	770	1164	3.90%	0.392%

76	15.013	2161	2164	2166	rVB3	395	443	1.48%	0.149%
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77	15.123	2180	2182	2187	rVB2	298	401	1.34%	0.135%
78	15.208	2193	2196	2198	rBV3	344	555	1.86%	0.187%
79	15.245	2200	2202	2204	rVV2	367	383	1.28%	0.129%
80	15.306	2208	2212	2216	rBV4	516	1071	3.59%	0.360%
81	15.391	2220	2226	2229	rVB3	346	705	2.36%	0.237%
82	15.422	2229	2231	2233	rVB	548	403	1.35%	0.136%
83	15.544	2247	2251	2253	rVB3	302	299	1.00%	0.101%
84	15.592	2256	2259	2261	rVB2	361	357	1.20%	0.120%
85	15.647	2266	2268	2273	rVB3	298	495	1.66%	0.167%
86	15.891	2305	2308	2310	rBV3	371	587	1.97%	0.197%
87	15.958	2315	2319	2322	rBV4	267	549	1.84%	0.185%
88	16.043	2332	2333	2338	rVB4	353	394	1.32%	0.133%
89	16.287	2371	2373	2377	rVB2	682	740	2.48%	0.249%
90	16.330	2378	2380	2382	rBV2	409	391	1.31%	0.132%
91	16.367	2385	2386	2389	rVV2	525	437	1.46%	0.147%
92	16.428	2392	2396	2399	rBV4	518	866	2.90%	0.291%
93	16.476	2402	2404	2407	rVV3	391	364	1.22%	0.122%
94	16.543	2413	2415	2418	rBV3	463	343	1.15%	0.115%
95	16.586	2418	2422	2423	rBV3	404	473	1.58%	0.159%
96	16.617	2425	2427	2428	rBV2	567	468	1.57%	0.157%

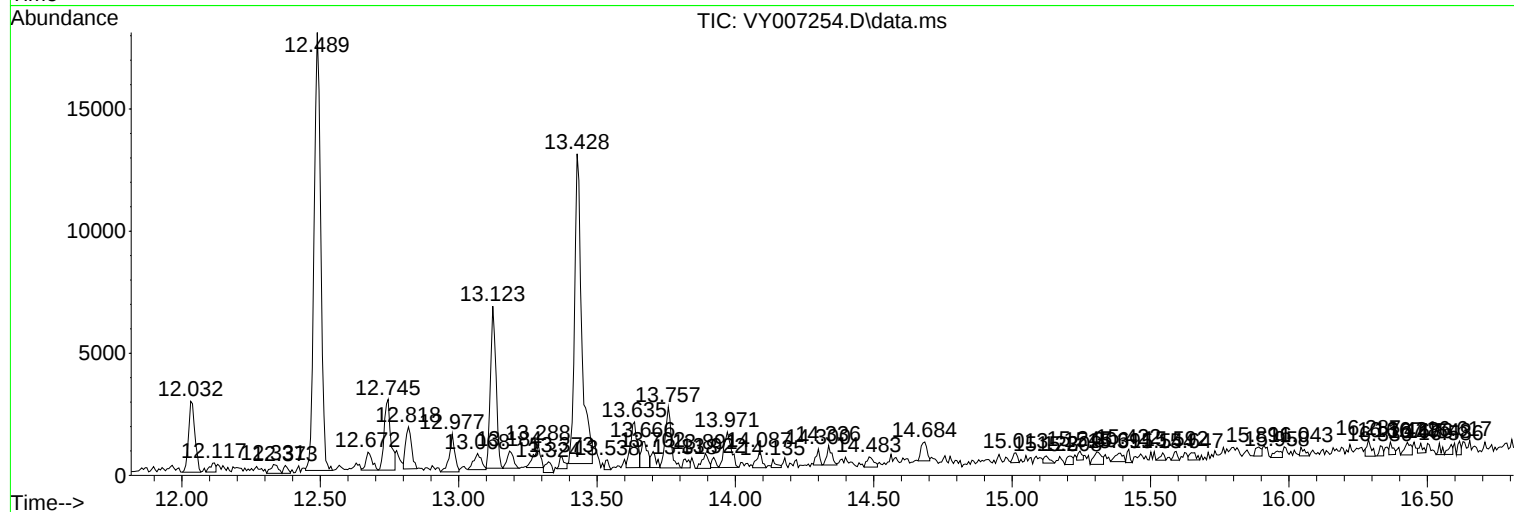
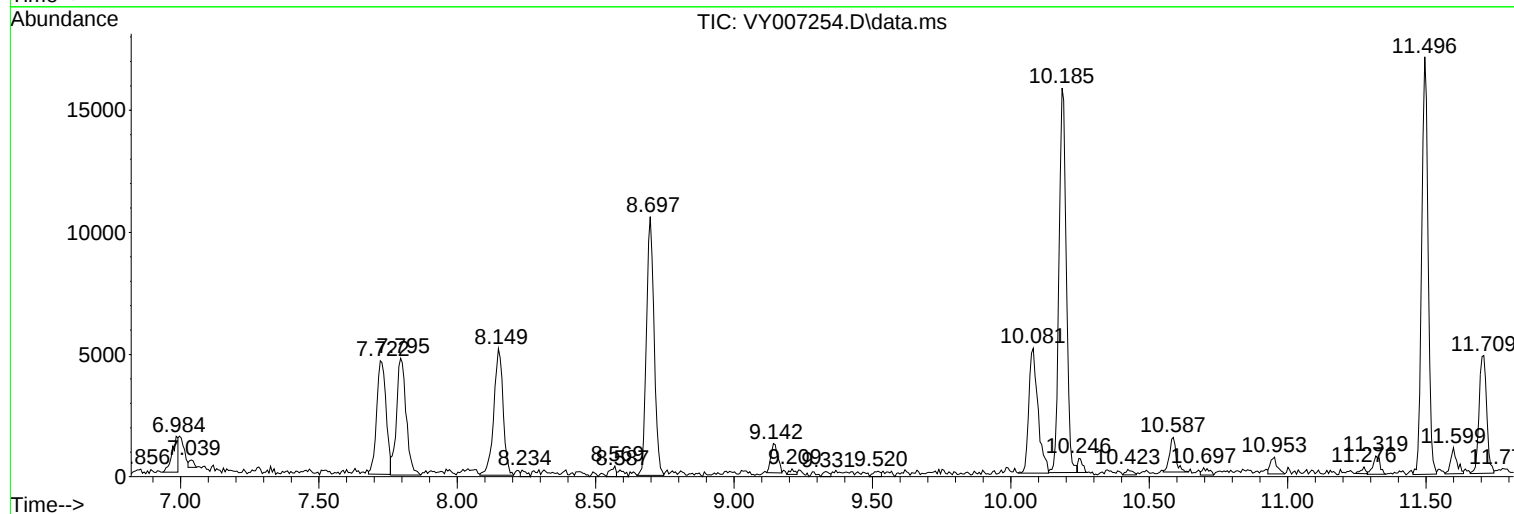
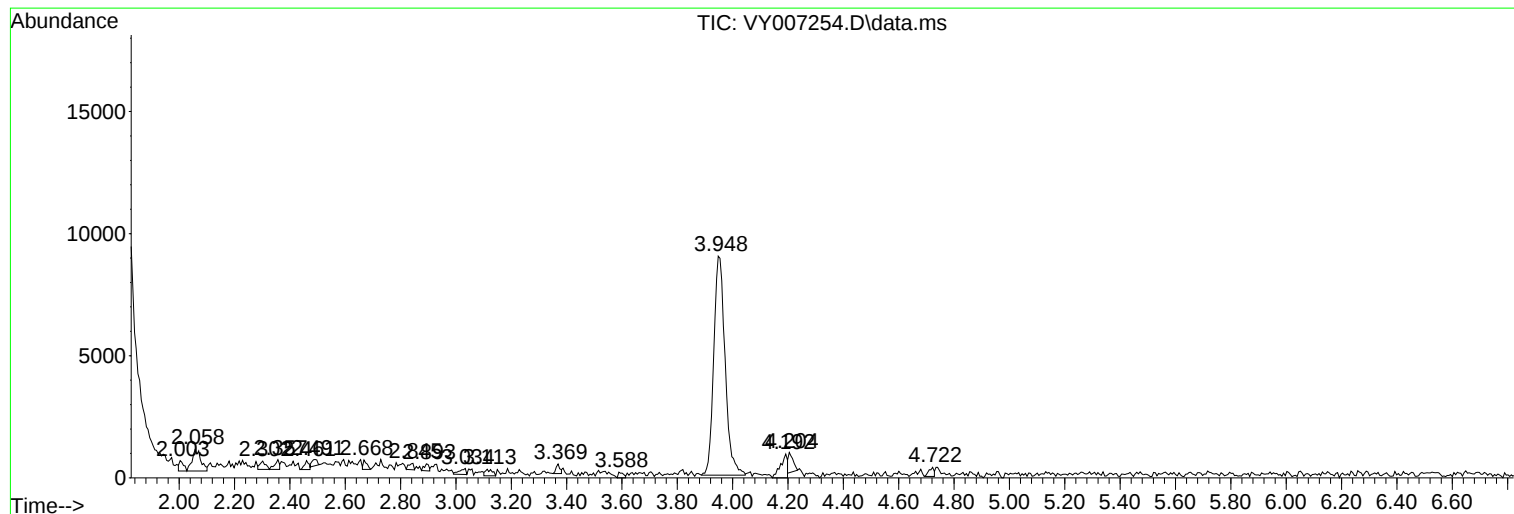
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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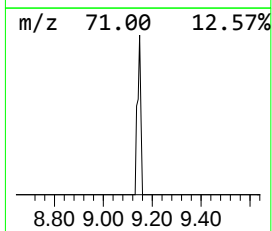
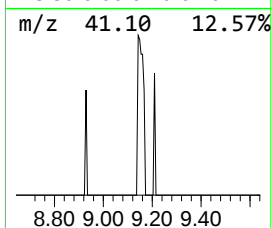
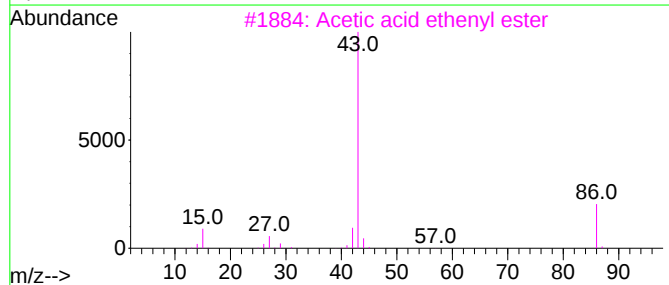
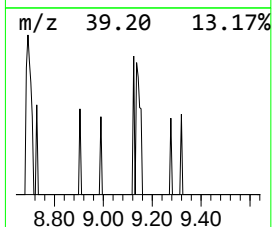
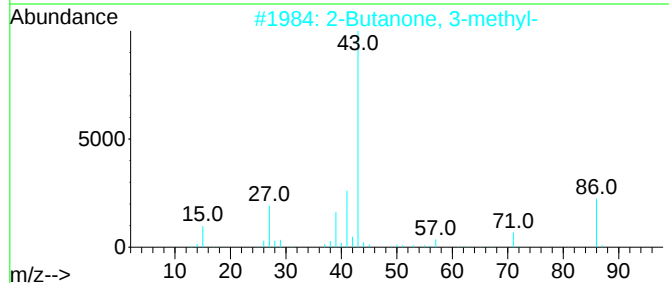
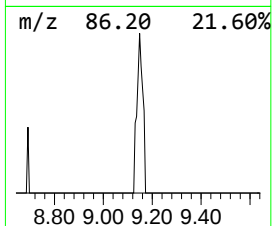
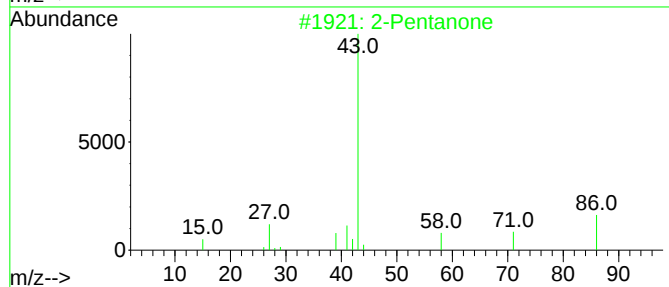
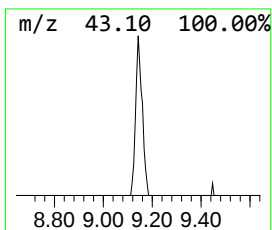
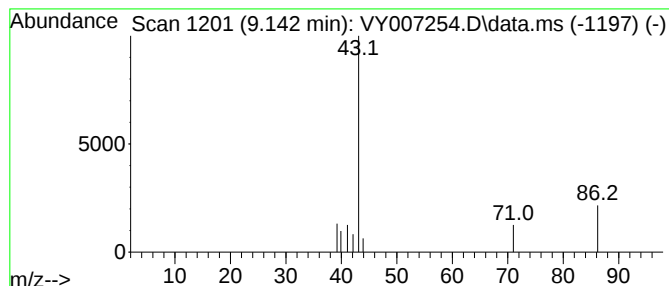
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.142	5.08 ug/l	2062	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone	86	C5H10O	000107-87-9	90
2			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
3			Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9
4			3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
5			2,3-Butanedione	86	C4H6O2	000431-03-8	5



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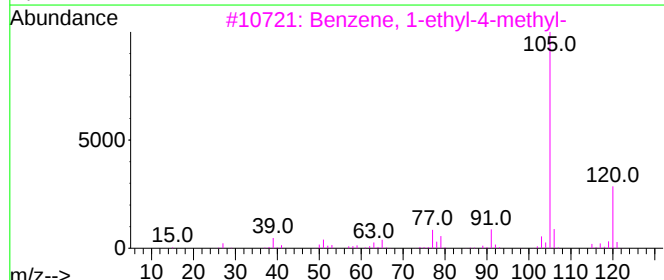
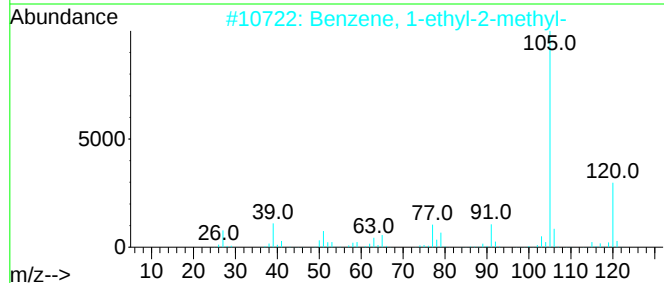
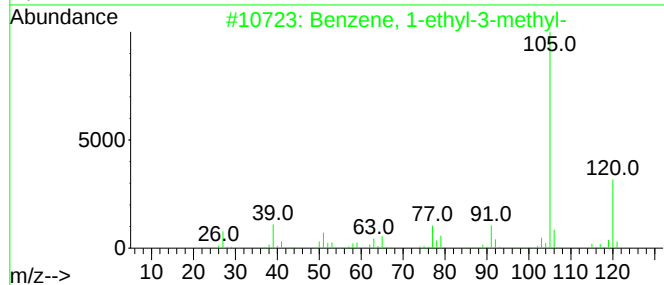
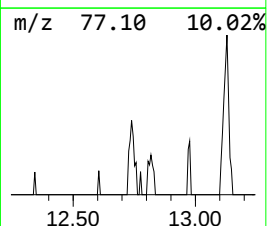
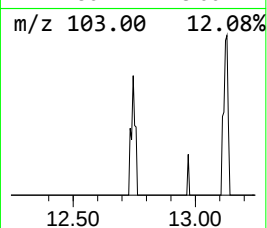
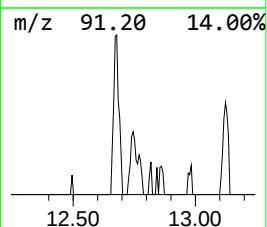
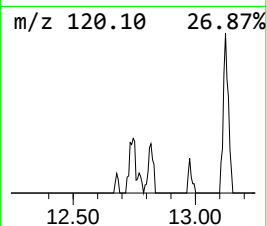
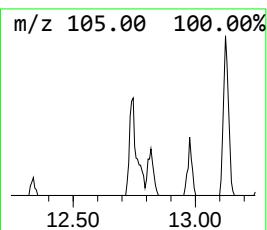
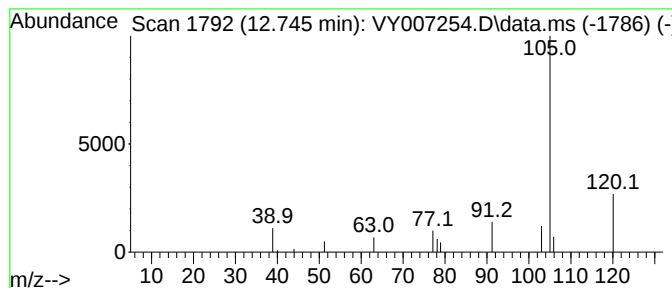
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Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	10.66 ug/l	4818	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64



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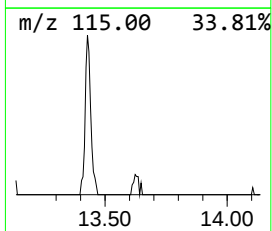
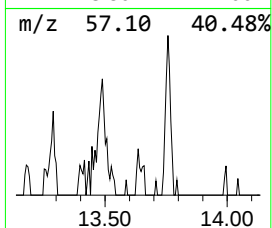
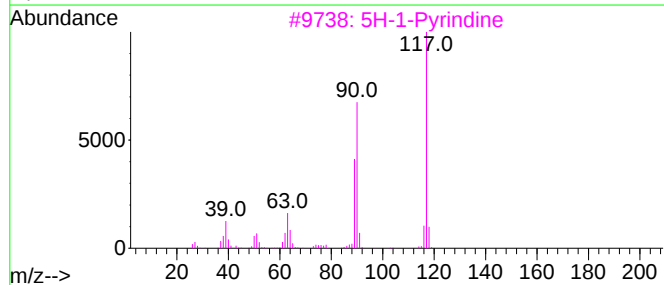
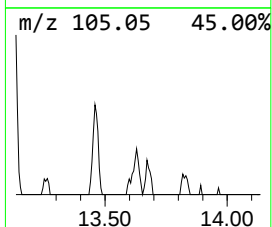
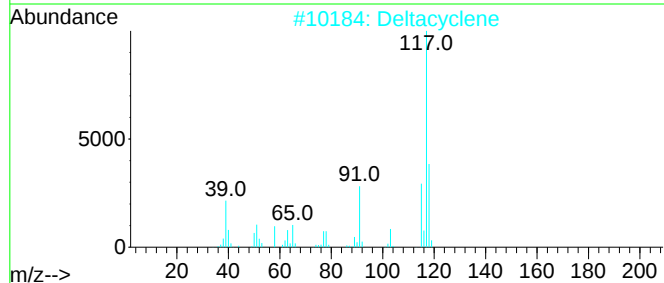
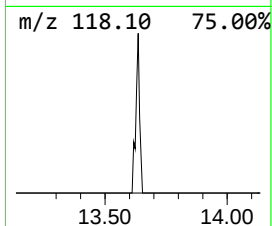
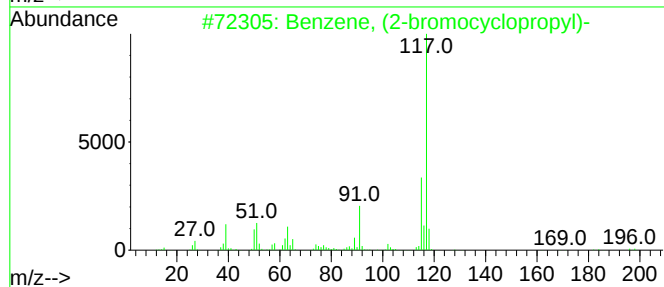
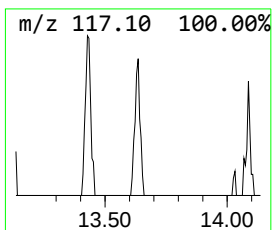
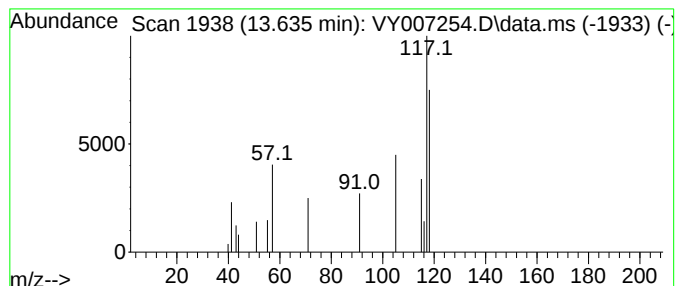
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Peak Number 5 unknown13.635 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.635	6.98 ug/l	3155	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	25
2			Deltacyclene	118	C9H10	007785-10-6	7
3			5H-1-Pyridine	117	C8H7N	000270-91-7	7
4			Indolizine	117	C8H7N	000274-40-8	4
5			Benzyl nitrile	117	C8H7N	000140-29-4	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007254.D
Acq On : 21 Jan 2022 15:26
Operator : SY/MD
Sample : N1217-06
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

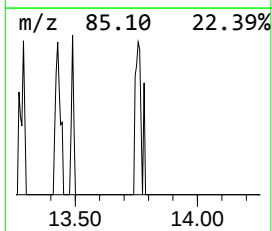
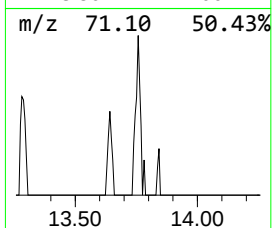
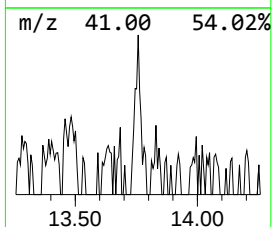
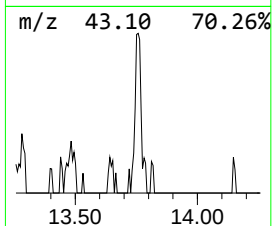
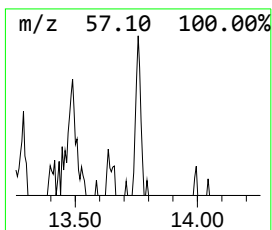
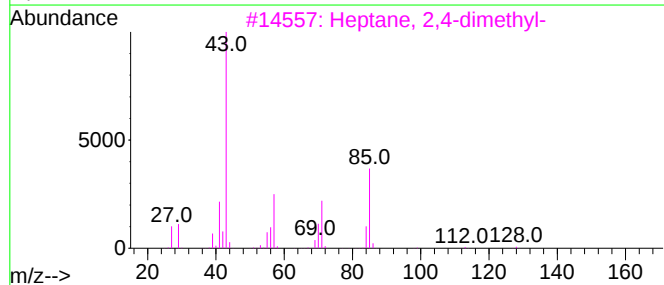
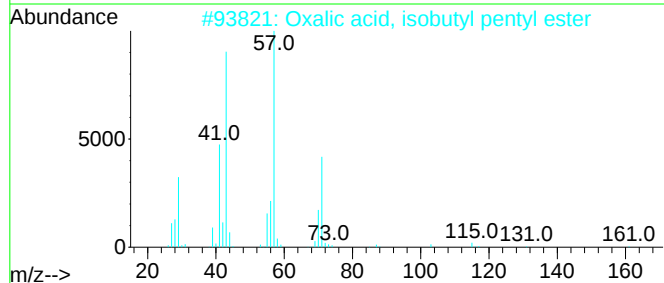
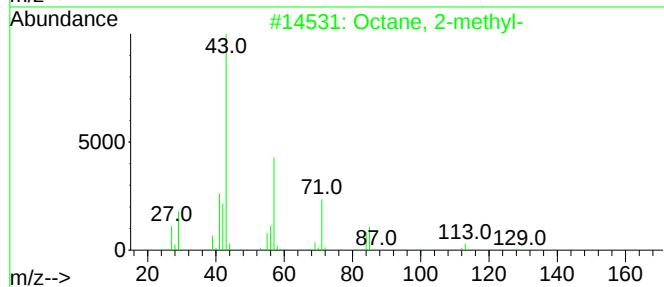
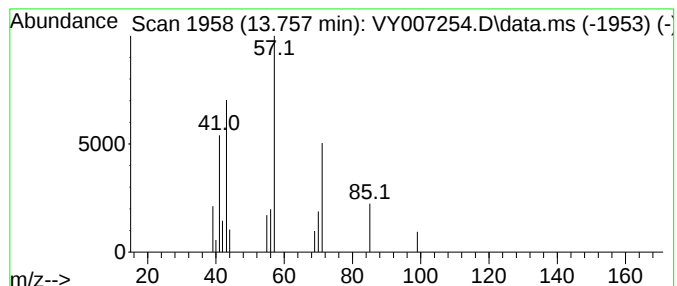
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	8.14 ug/l	3677	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4			Decane	142	C10H22	000124-18-5	53
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007254.D
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-72017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone	9.142	5.1	ug/l	2062	2	8.697	20312	50.0
Benzene, 1-ethy...	12.745	10.7	ug/l	4818	4	13.428	22598	50.0
unknown13.635	13.635	7.0	ug/l	3155	4	13.428	22598	50.0
Octane, 2-methyl-	13.757	8.1	ug/l	3677	4	13.428	22598	50.0