

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006194.D
 Acq On : 28 Sep 2021 17:32
 Operator : SY/MD
 Sample : M3933-03
 Misc : 1.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-3

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\82Y092821S.M

Title : SW846 8260

Signal : TIC: VY006194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	467	476	489	rVB3	9413	28251	3.43%	0.512%
2	5.759	637	646	658	rVB4	4605	14194	1.73%	0.257%
3	7.728	957	969	974	rBV	109778	261548	31.79%	4.737%
4	7.795	974	980	991	rVB	194226	427017	51.90%	7.733%
5	8.149	1028	1038	1049	rBV	122075	263939	32.08%	4.780%
6	8.697	1119	1128	1141	rVB	301114	593141	72.09%	10.742%
7	10.185	1364	1372	1379	rVV	482459	822832	100.00%	14.902%
8	10.581	1431	1437	1443	rBV2	6142	10580	1.29%	0.192%
9	11.489	1579	1586	1598	rBV	422688	702464	85.37%	12.722%
10	11.697	1613	1620	1627	rBV	5138	9648	1.17%	0.175%
11	12.337	1719	1725	1730	rBV	15532	27424	3.33%	0.497%
12	12.483	1742	1749	1762	rVB	349338	552776	67.18%	10.011%
13	12.940	1813	1824	1826	rBV9	4783	14321	1.74%	0.259%
14	13.276	1872	1879	1886	rBV9	4104	9388	1.14%	0.170%
15	13.428	1897	1904	1913	rVV	417708	637464	77.47%	11.545%
16	13.666	1938	1943	1953	rVB10	3624	9595	1.17%	0.174%
17	13.965	1987	1992	1997	rBV2	9025	15512	1.89%	0.281%
18	14.300	2042	2047	2050	rVV3	5436	9150	1.11%	0.166%
19	14.336	2050	2053	2057	rVV2	6506	8719	1.06%	0.158%
20	14.385	2057	2061	2064	rVV3	9147	13258	1.61%	0.240%
21	14.422	2064	2067	2072	rVB2	8591	11621	1.41%	0.210%
22	14.672	2102	2108	2115	rBV3	30356	61603	7.49%	1.116%
23	14.739	2115	2119	2124	rVV	20857	32485	3.95%	0.588%
24	14.788	2124	2127	2131	rVB2	6028	8916	1.08%	0.161%
25	14.952	2148	2154	2161	rBV	47533	116235	14.13%	2.105%
26	15.056	2166	2171	2178	rVV4	33332	73170	8.89%	1.325%
27	15.190	2188	2193	2196	rBV2	9792	17079	2.08%	0.309%
28	15.239	2196	2201	2206	rVV3	16539	33027	4.01%	0.598%
29	15.342	2213	2218	2223	rVV	29133	55204	6.71%	1.000%
30	15.397	2223	2227	2236	rVB9	13914	31649	3.85%	0.573%
31	15.531	2243	2249	2254	rBV3	19909	42878	5.21%	0.777%
32	15.659	2264	2270	2272	rBV3	21298	45444	5.52%	0.823%
33	15.690	2272	2275	2285	rVB	43178	88120	10.71%	1.596%
34	15.818	2286	2296	2302	rBV	66711	145667	17.70%	2.638%
35	15.891	2302	2308	2320	rVB3	23735	61930	7.53%	1.122%
36	16.037	2325	2332	2336	rBV8	6339	13743	1.67%	0.249%

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ClientSampleId :
191-0922-XYL-3

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\82Y092821S.M
Title : SW846 8260

37	16.190	2343	2357	2363	rBV	36109	114686	13.94%	2.077%
38	16.293	2369	2374	2379	rVV	17288	30804	3.74%	0.558%
39	16.336	2379	2381	2390	rVB6	5902	12857	1.56%	0.233%
40	16.488	2398	2406	2419	rVB3	31608	83820	10.19%	1.518%
41	16.708	2437	2442	2449	rVB10	3942	9527	1.16%	0.173%

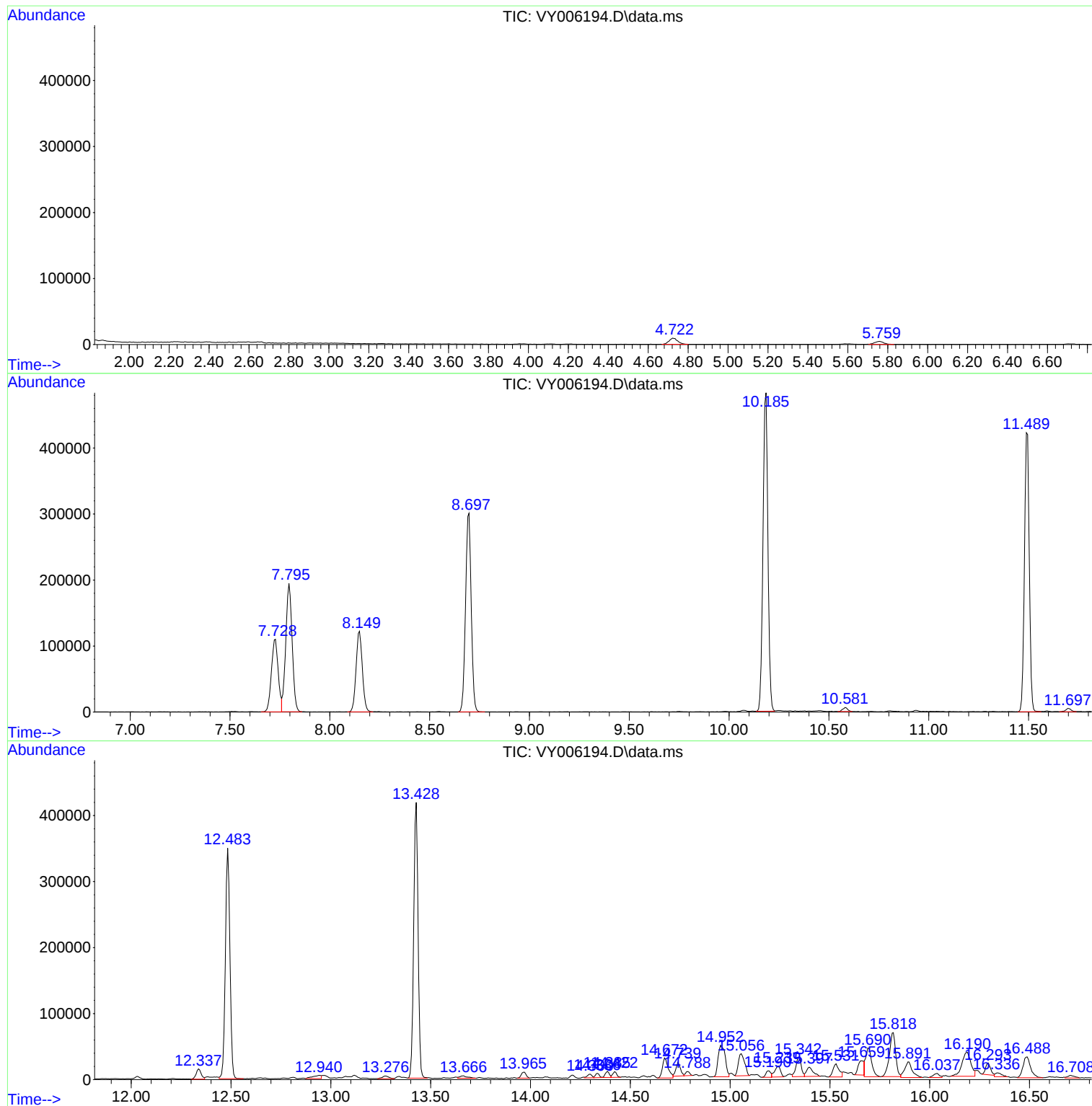
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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



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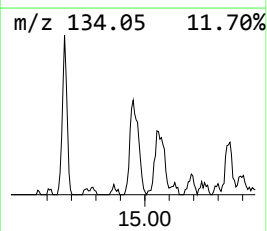
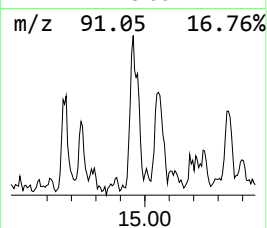
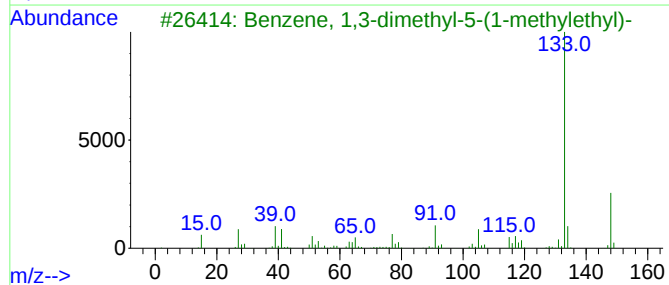
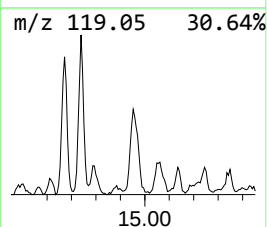
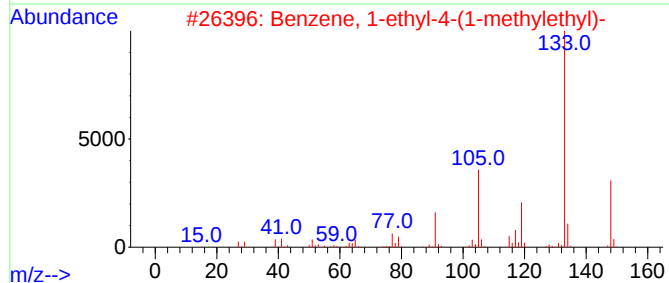
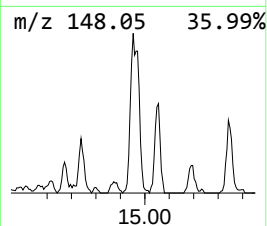
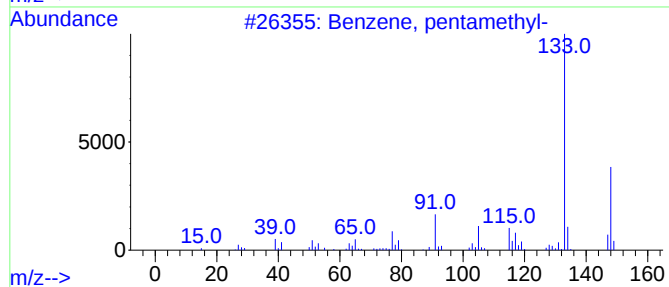
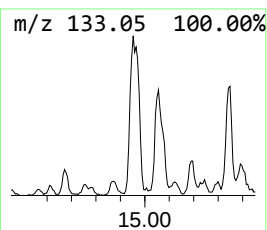
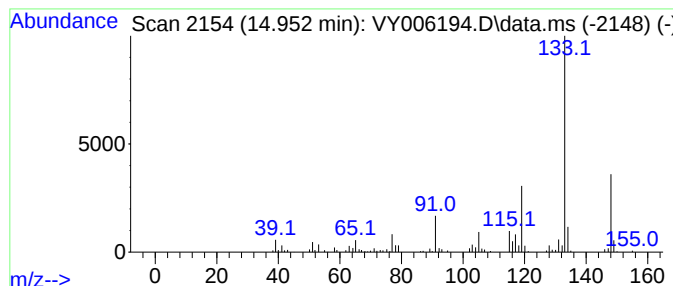
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, pentamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	9.12 ug/l	116235	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
3			Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	90
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
5			Benzene, 2,4-dimethyl-1-(1-methylethyl)-	148	C11H16	004706-89-2	87



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Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

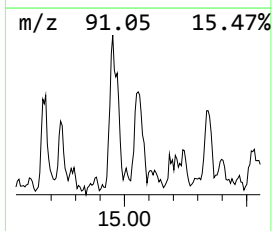
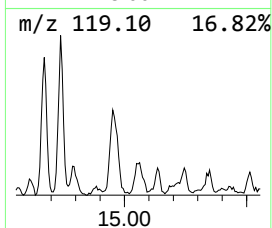
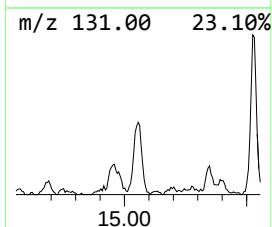
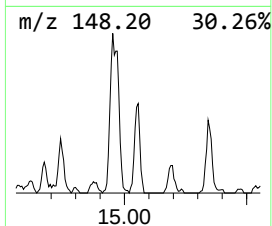
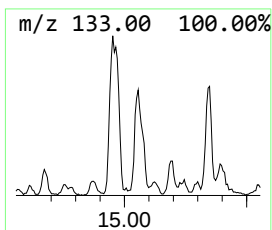
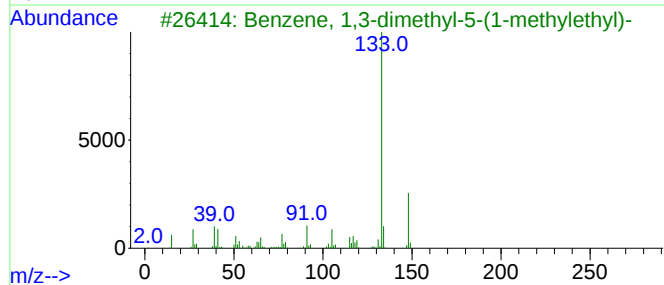
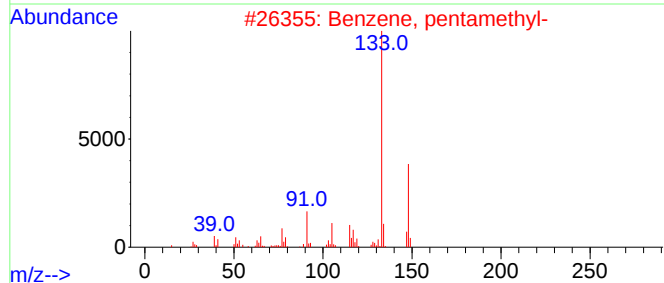
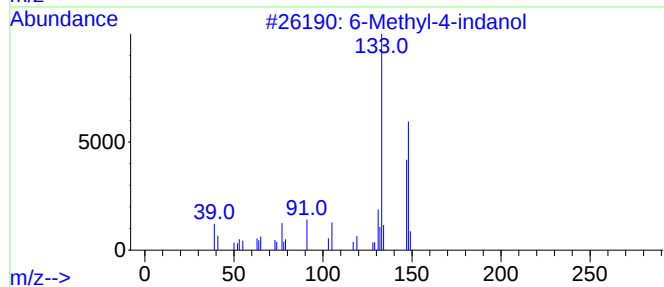
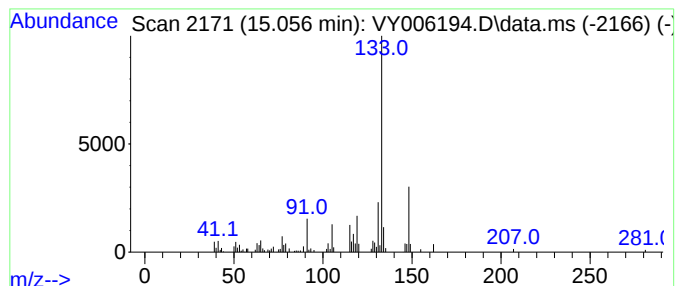
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
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Peak Number 2 6-Methyl-4-indanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.74 ug/l	73170	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Methyl-4-indanol	148	C10H12O	020294-32-0	87
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5			4-tert-Butyltoluene	148	C11H16	000098-51-1	70



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Misc : 1.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

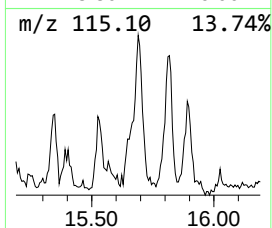
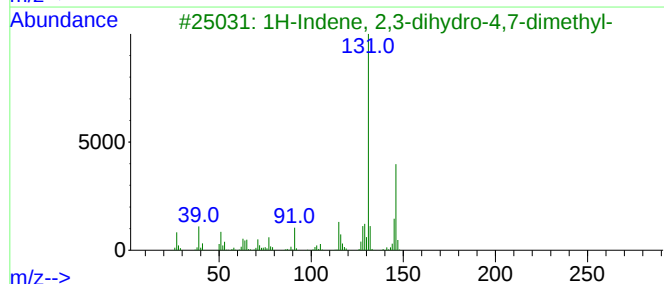
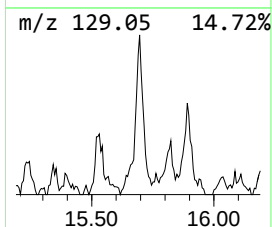
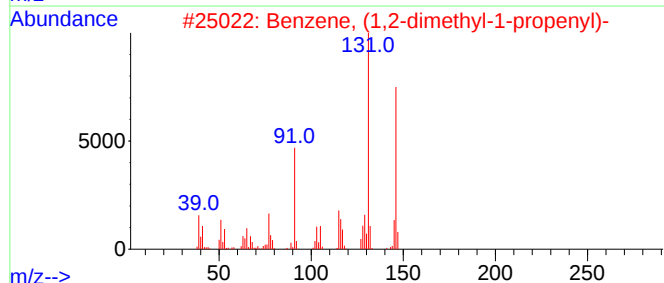
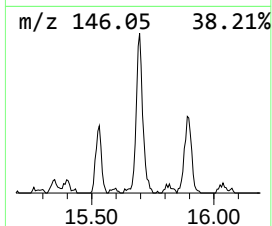
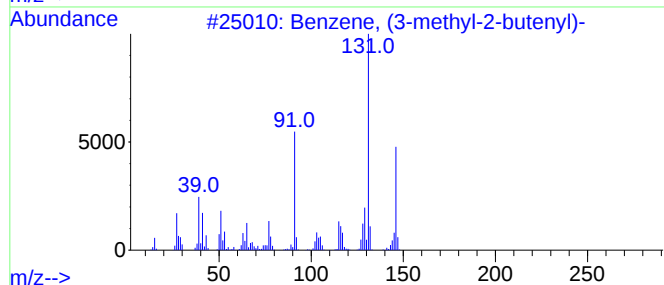
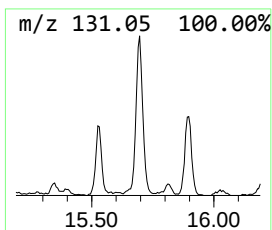
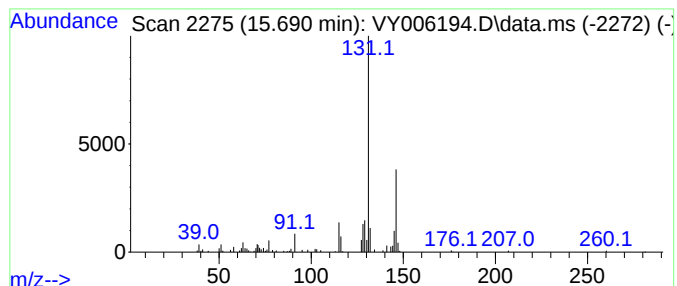
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.690	6.91 ug/l	88120	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

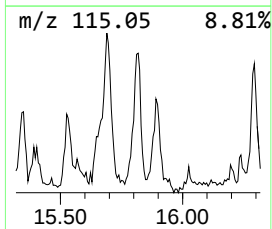
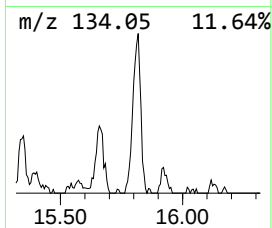
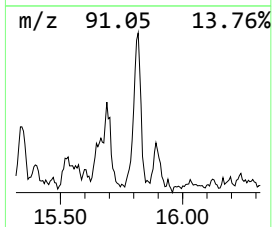
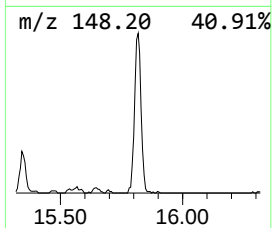
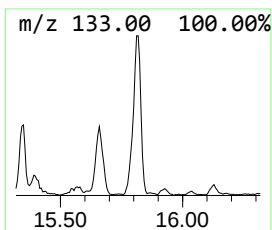
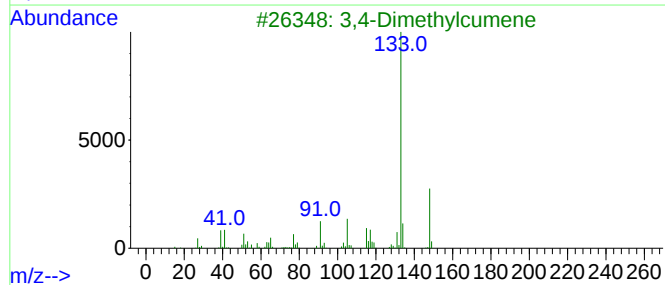
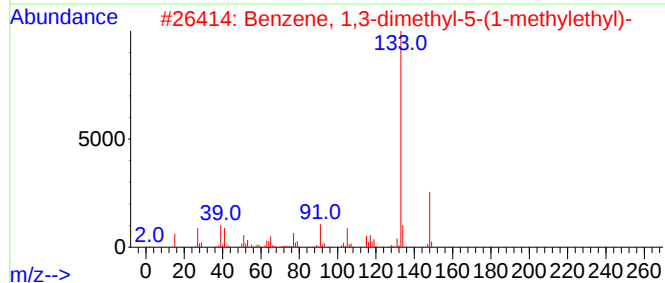
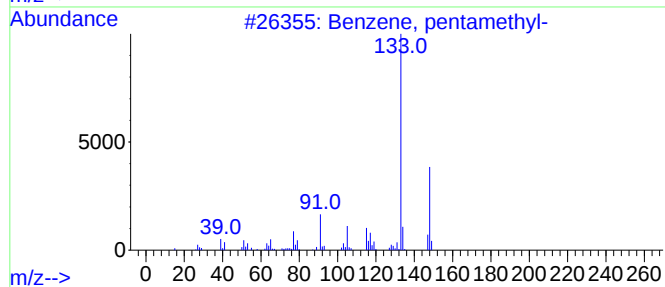
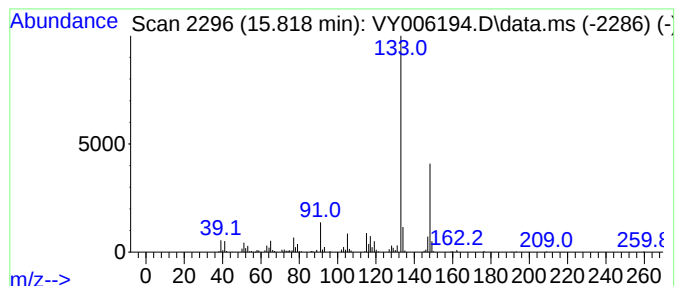
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.818	11.43 ug/l	145667	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	96
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91



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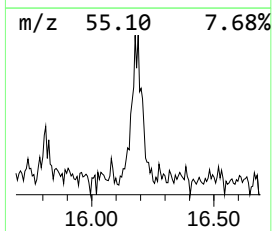
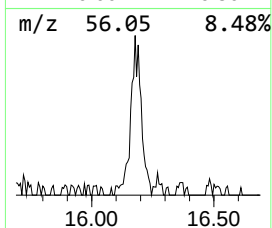
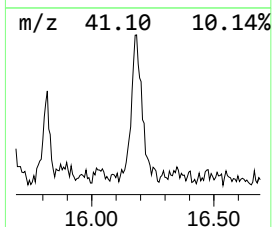
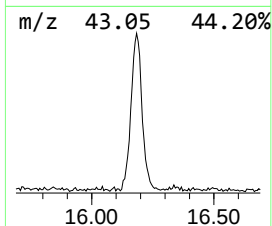
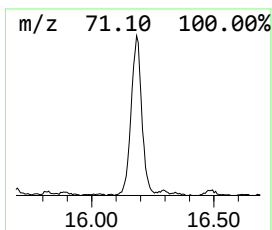
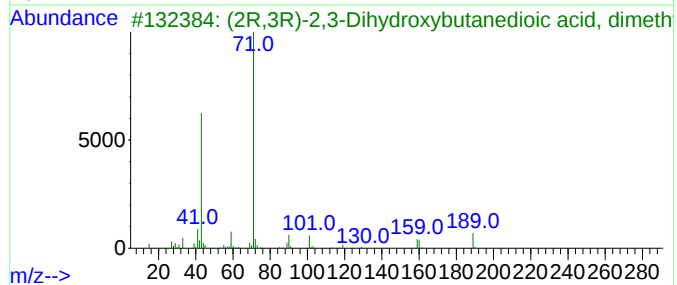
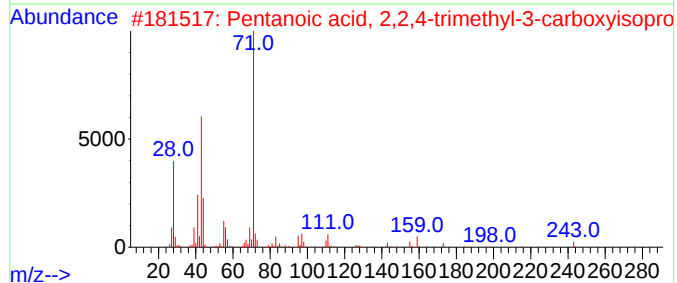
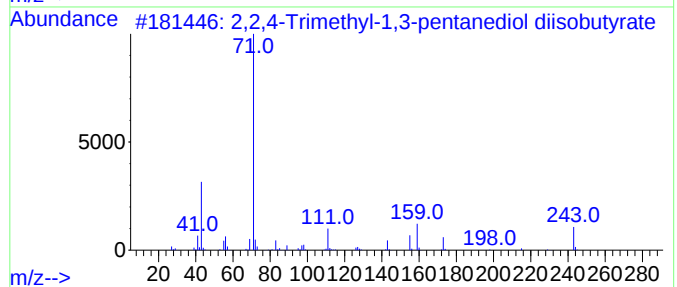
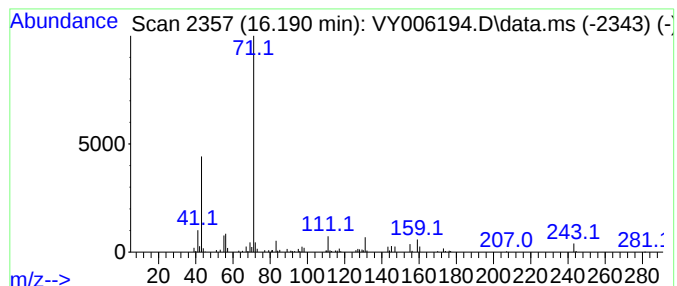
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 5 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.190	9.00 ug/l	114686	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78		
2	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	64		
3	(2R,3R)-2,3-Dihydroxybutanedioic...	248	C10H16O7	1000462-99-8	59		
4	Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	53		
5	Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	53		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006194.D
Acq On : 28 Sep 2021 17:32
Operator : SY/MD
Sample : M3933-03
Misc : 1.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

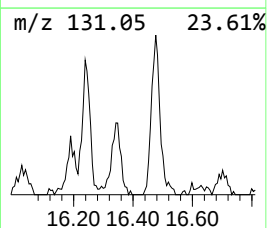
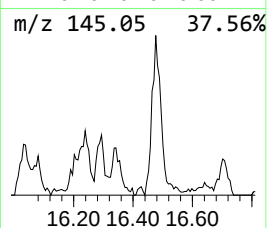
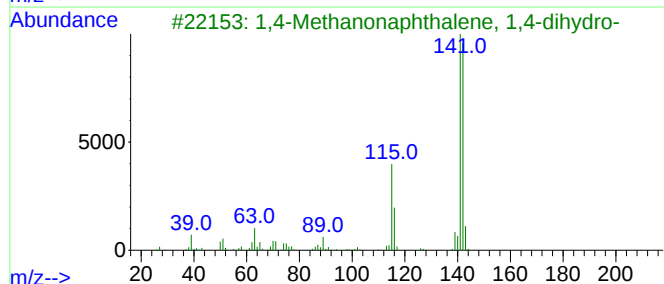
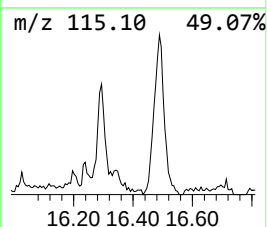
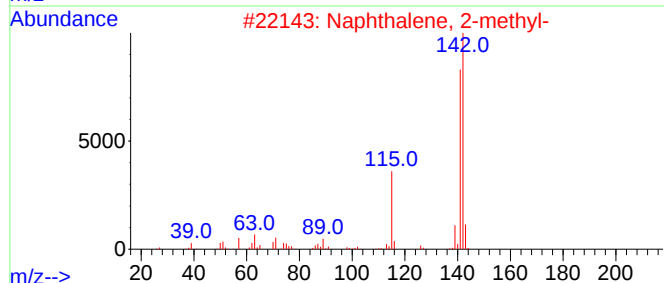
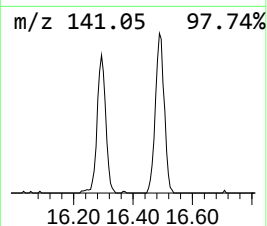
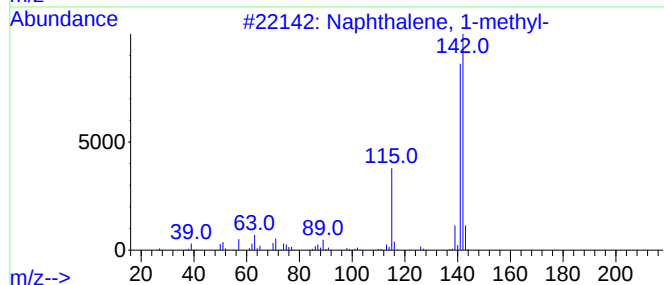
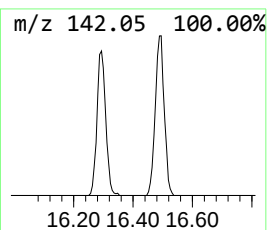
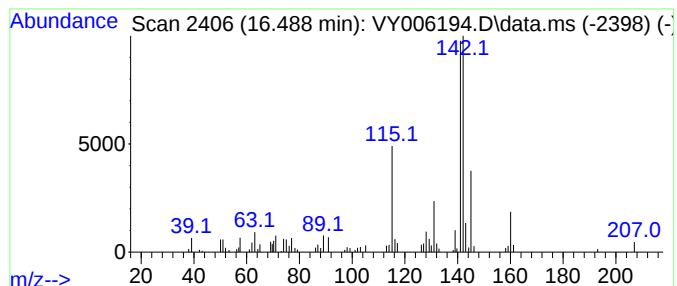
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	6.57 ug/l	83820	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
4			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
5			Benzocycloheptatriene	142	C11H10	000264-09-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006194.D
Acq On : 28 Sep 2021 17:32
Operator : SY/MD
Sample : M3933-03
Misc : 1.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.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
Benzene, pentam...	14.952	9.1	ug/l	116235	4	13.428	637464	50.0
6-Methyl-4-indanol	15.056	5.7	ug/l	73170	4	13.428	637464	50.0
Benzene, (3-met...	15.690	6.9	ug/l	88120	4	13.428	637464	50.0
Benzene, 1,3-di...	15.818	11.4	ug/l	145667	4	13.428	637464	50.0
2,2,4-Trimethyl...	16.190	9.0	ug/l	114686	4	13.428	637464	50.0
Naphthalene, 1-...	16.488	6.6	ug/l	83820	4	13.428	637464	50.0