

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022041.D
 Acq On : 28 Apr 2025 18:59
 Operator : SY/MD
 Sample : Q1875-01
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-25-0053

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\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY022041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.873	341	353	371	rBV	77409	233586	13.48%	1.593%
2	4.610	464	474	481	rBV6	6070	18362	1.06%	0.125%
3	7.634	960	970	976	rBV2	260788	630405	36.37%	4.300%
4	7.707	976	982	996	rVB	384499	859468	49.58%	5.862%
5	8.061	1030	1040	1055	rBV	192464	414908	23.94%	2.830%
6	8.616	1123	1131	1145	rBV	641770	1252310	72.25%	8.542%
7	10.103	1368	1375	1384	rBV	1013343	1733370	100.00%	11.823%
8	11.414	1581	1590	1603	rBV	923746	1473883	85.03%	10.053%
9	12.097	1697	1702	1713	rVB4	12860	21258	1.23%	0.145%
10	12.231	1718	1724	1733	rBV4	42436	74140	4.28%	0.506%
11	12.322	1733	1739	1745	rBV4	12974	22171	1.28%	0.151%
12	12.408	1745	1753	1763	rBV	682886	1087485	62.74%	7.418%
13	12.755	1803	1810	1816	rVB5	20100	39732	2.29%	0.271%
14	13.042	1852	1857	1862	rVB	35438	53123	3.06%	0.362%
15	13.206	1872	1884	1888	rBV3	17182	49881	2.88%	0.340%
16	13.261	1888	1893	1896	rBV	82284	128096	7.39%	0.874%
17	13.347	1901	1907	1922	rVB	875689	1443113	83.25%	9.843%
18	13.511	1930	1934	1936	rBV3	19154	29950	1.73%	0.204%
19	13.548	1936	1940	1943	rVV	71742	115656	6.67%	0.789%
20	13.584	1943	1946	1956	rVB2	65449	122529	7.07%	0.836%
21	13.743	1967	1972	1977	rVB	20055	30741	1.77%	0.210%
22	13.822	1977	1985	1992	rBV2	695332	1157654	66.79%	7.896%
23	13.889	1992	1996	2003	rVB	128782	192793	11.12%	1.315%
24	14.023	2009	2018	2021	rBV	421565	636303	36.71%	4.340%
25	14.066	2021	2025	2032	rVV	777584	1126205	64.97%	7.682%
26	14.133	2032	2036	2043	rVV	49519	83808	4.83%	0.572%
27	14.212	2044	2049	2052	rVV	91149	141251	8.15%	0.963%
28	14.255	2052	2056	2061	rVV	152052	227301	13.11%	1.550%
29	14.298	2061	2063	2067	rVV	14813	19733	1.14%	0.135%
30	14.481	2089	2093	2098	rBV	60939	92335	5.33%	0.630%
31	14.529	2098	2101	2105	rVB2	13223	20067	1.16%	0.137%
32	14.602	2105	2113	2119	rBV3	135893	275029	15.87%	1.876%
33	14.718	2126	2132	2136	rBV	65613	112064	6.47%	0.764%
34	14.755	2136	2138	2142	rVV3	30298	40275	2.32%	0.275%
35	14.859	2150	2155	2158	rBV2	56757	92228	5.32%	0.629%
36	14.901	2158	2162	2169	rVV2	109283	203282	11.73%	1.387%

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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\82Y042225S.M
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37	14.993	2173	2177	2184	rVB2	47568	71004	4.10%	0.484%
38	15.145	2195	2202	2209	rVV	174568	283650	16.36%	1.935%
39	15.218	2209	2214	2223	rVV	9095	27157	1.57%	0.185%
40	15.858	2314	2319	2325	rVB3	13926	24274	1.40%	0.166%

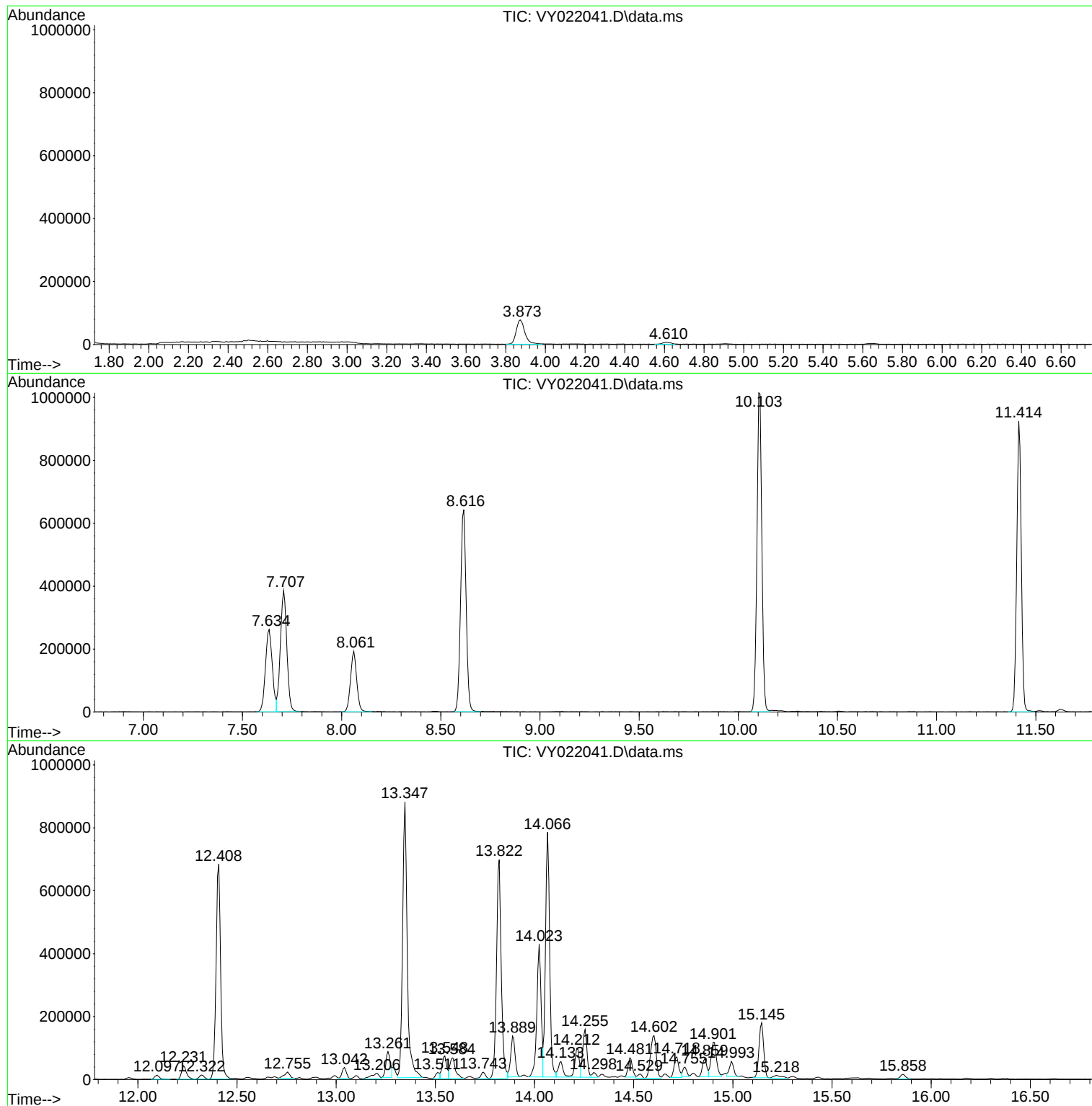
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



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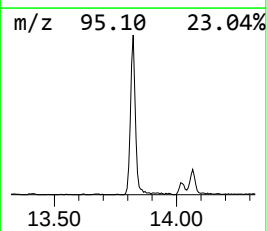
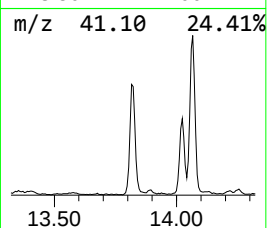
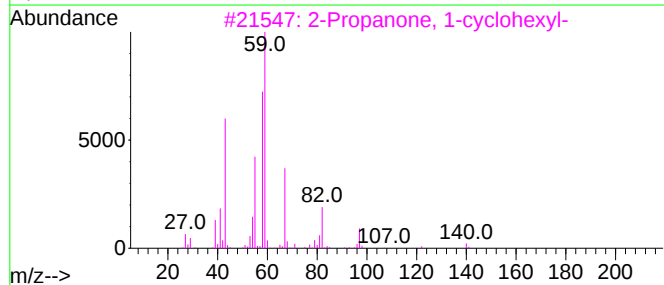
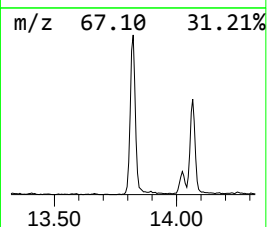
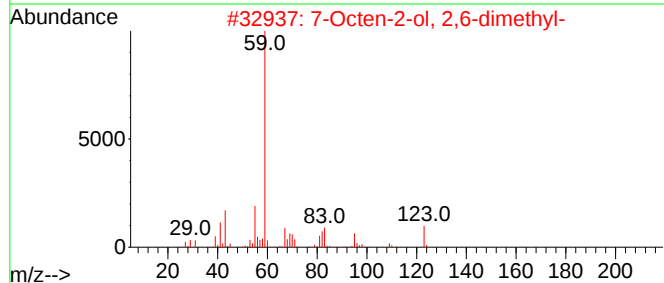
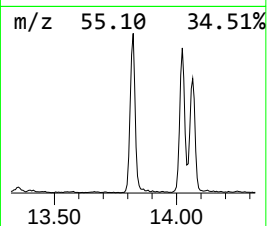
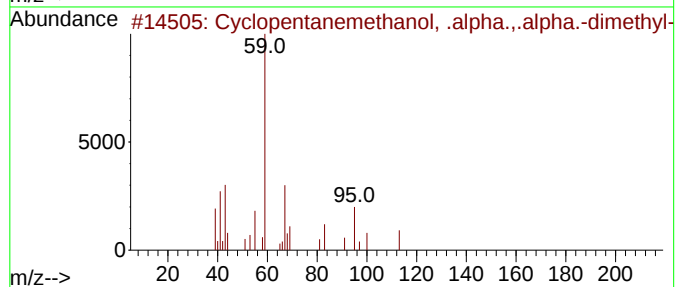
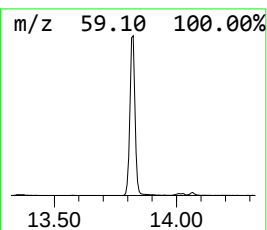
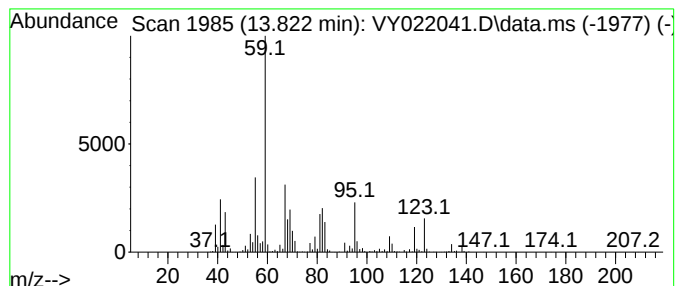
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentanemethanol, .alph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	40.11 ug/l	1157650	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	50
2			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	50
3			2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	40
4			Carbonic acid, 3-fluorophenyl 2-...	214	C10H11FO4	1010331-46-3	37
5			1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	37



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Instrument :
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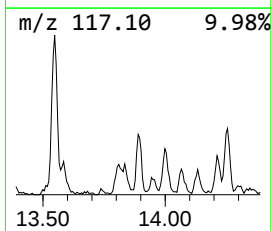
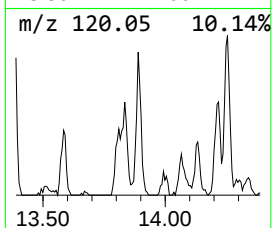
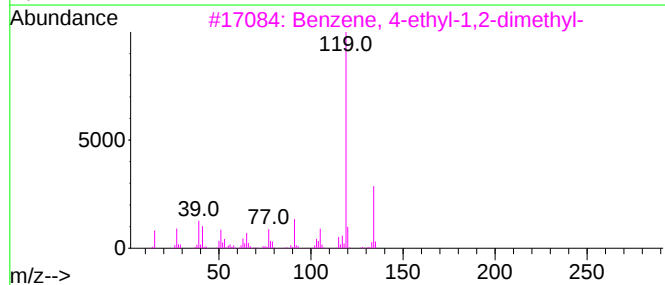
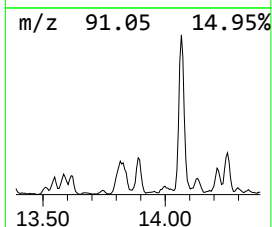
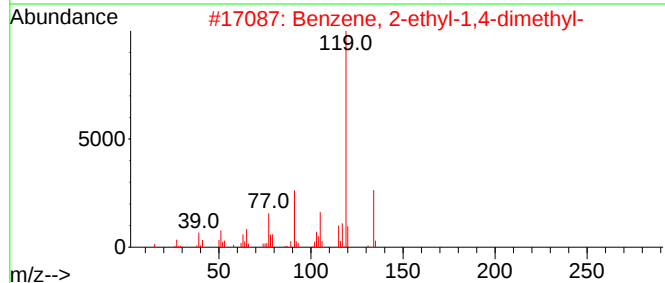
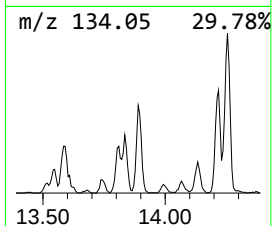
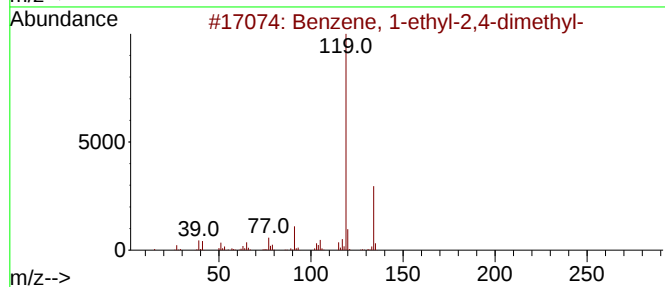
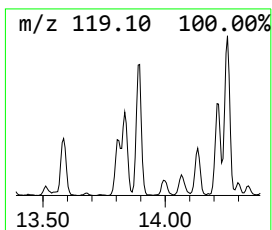
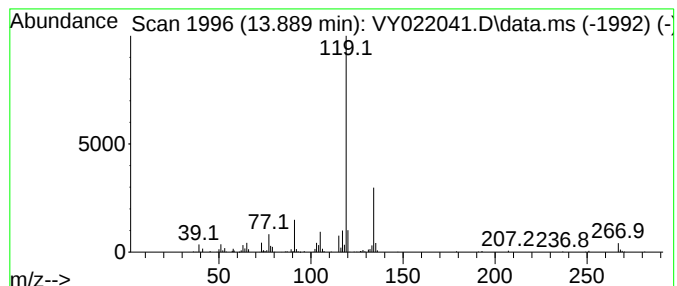
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Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.68 ug/l	192793	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

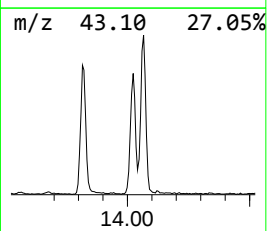
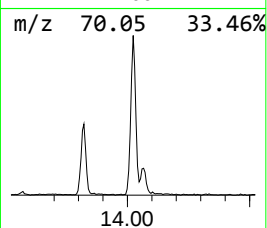
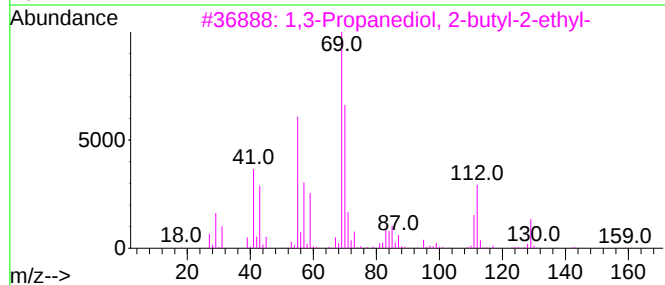
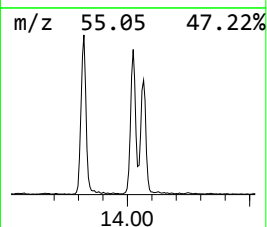
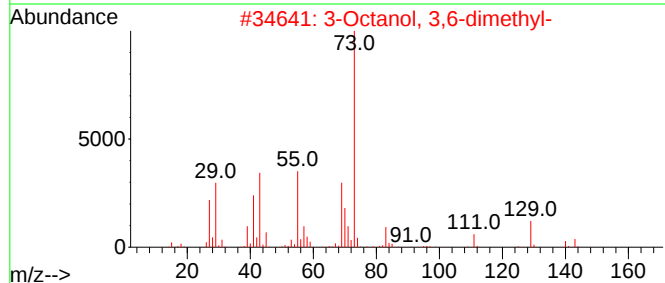
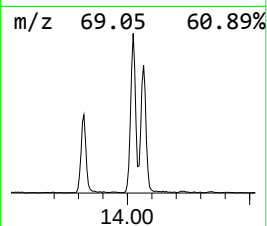
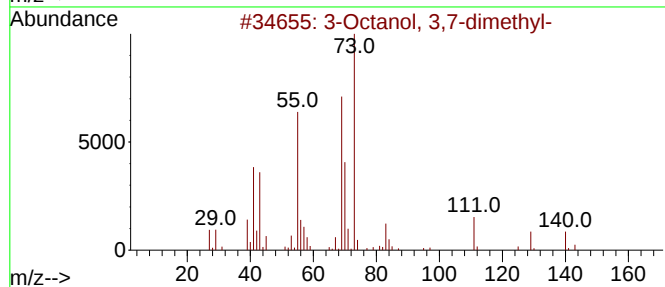
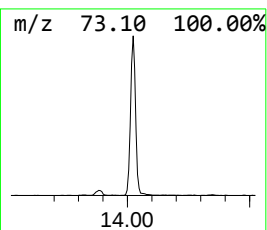
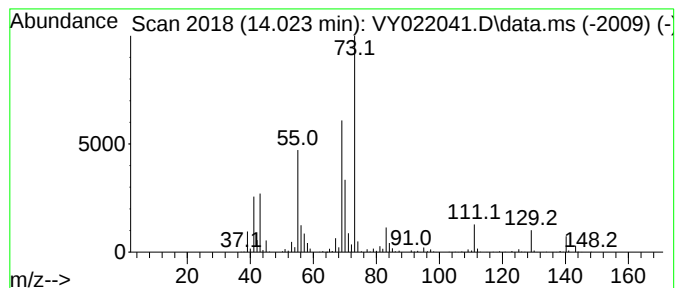
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 3 3-Octanol, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.023	22.05 ug/l	636303	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	90
2			3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	47
3			1,3-Propanediol, 2-butyl-2-ethyl-	160	C9H20O2	000115-84-4	47
4			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38
5			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	22



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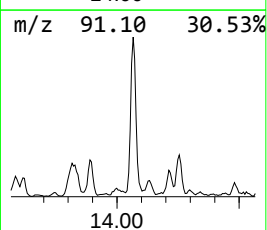
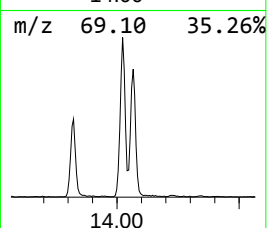
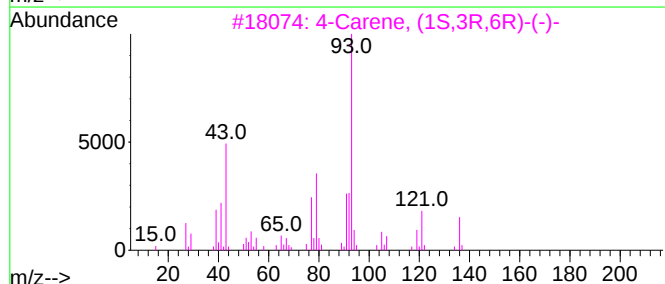
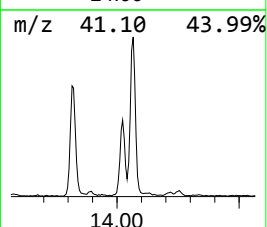
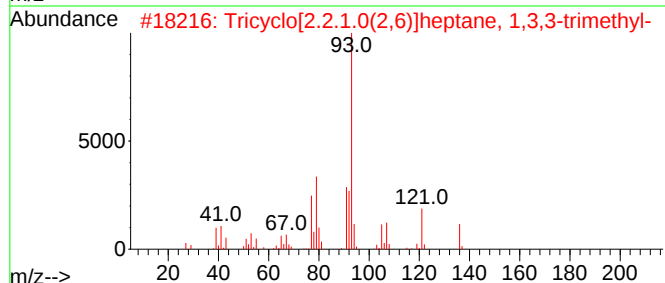
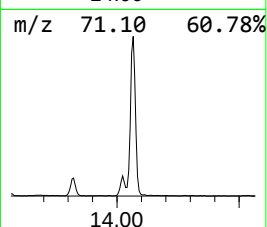
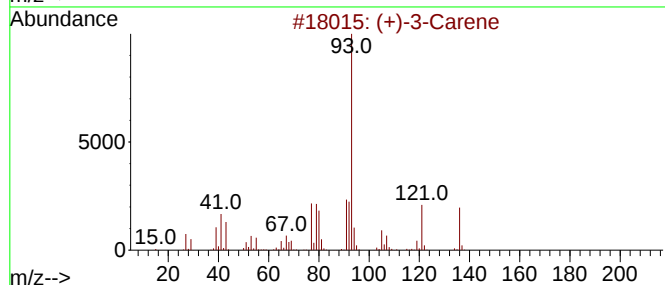
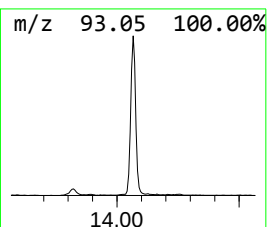
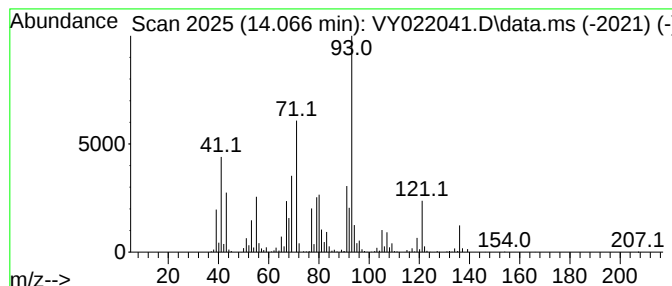
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Peak Number 4 (+)-3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.066	39.02 ug/l	1126210	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-3-Carene	136	C10H16	000498-15-7	93
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	92
3	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	92
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	89
5	3-Carene	136	C10H16	013466-78-9	87



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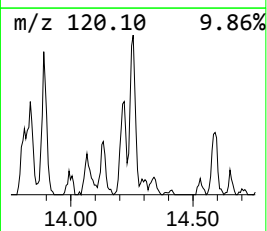
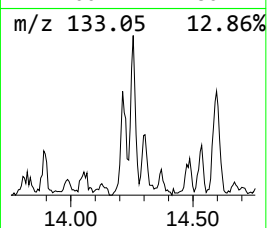
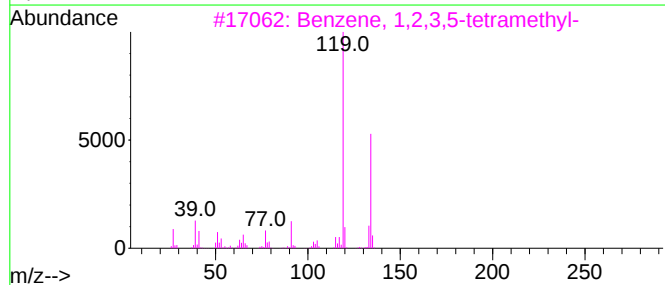
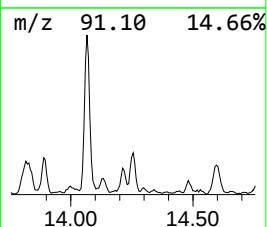
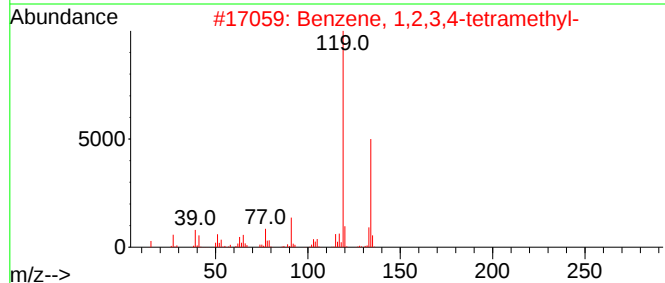
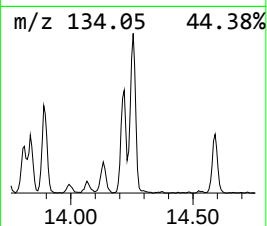
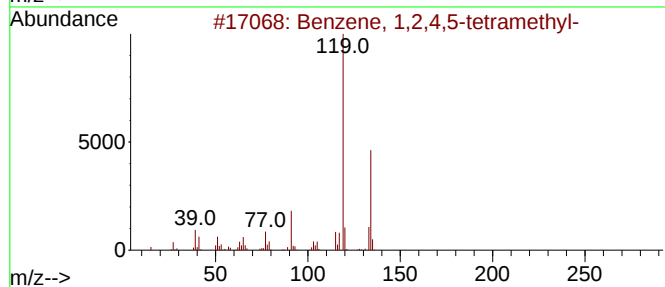
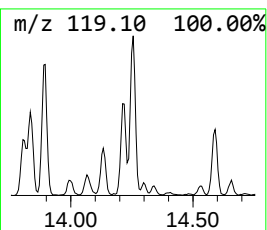
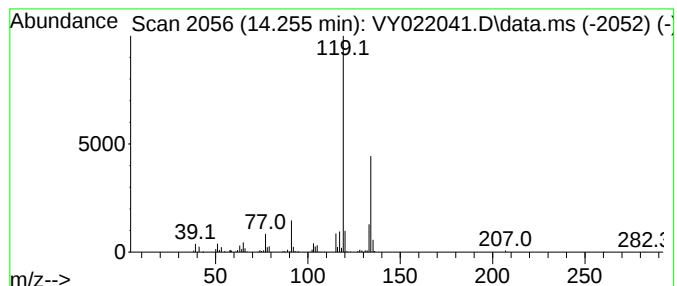
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	7.88 ug/l	227301	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022041.D
Acq On : 28 Apr 2025 18:59
Operator : SY/MD
Sample : Q1875-01
Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

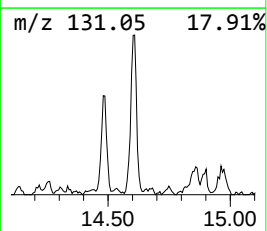
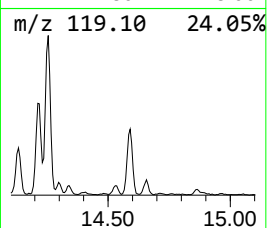
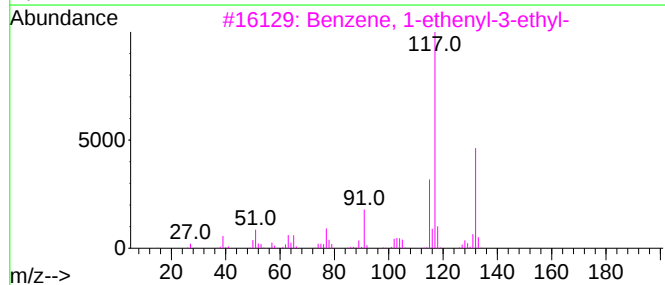
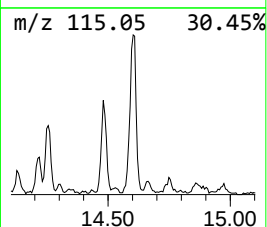
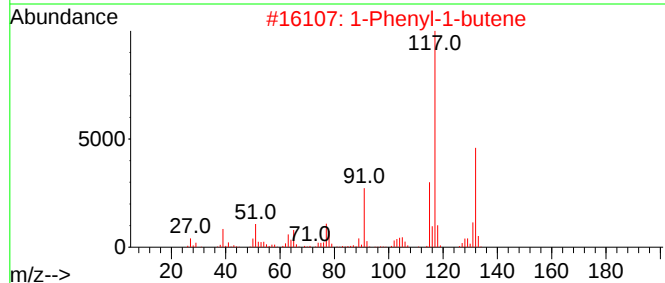
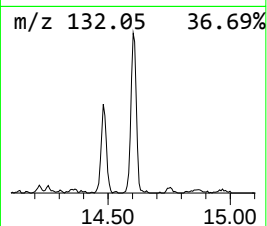
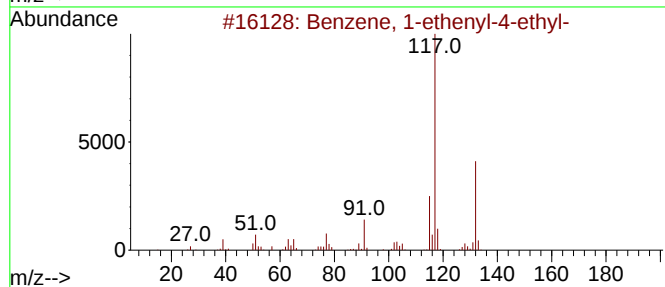
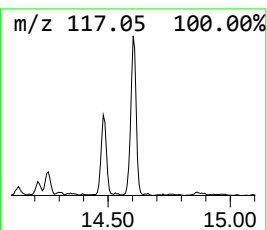
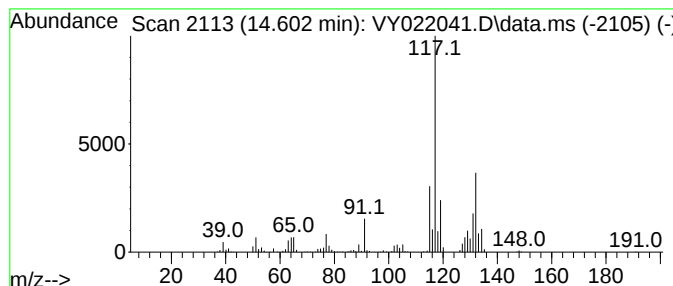
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	9.53 ug/l	275029	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5			Indan, 1-methyl-	132	C10H12	000767-58-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022041.D
Acq On : 28 Apr 2025 18:59
Operator : SY/MD
Sample : Q1875-01
Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

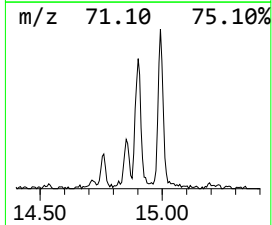
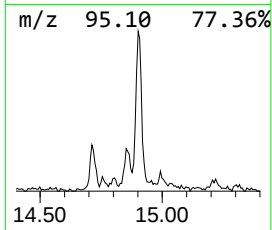
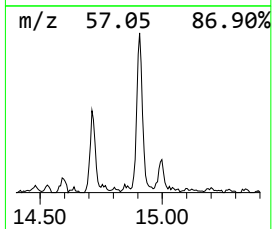
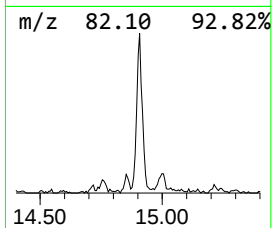
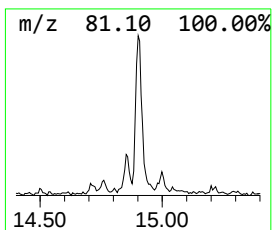
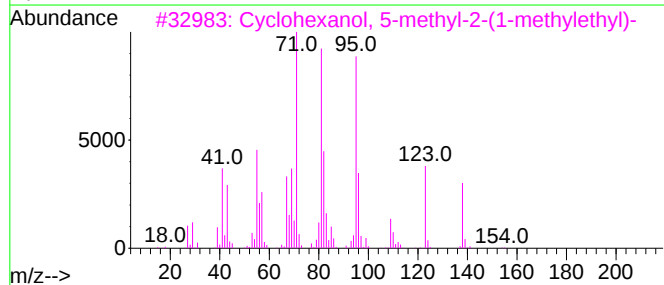
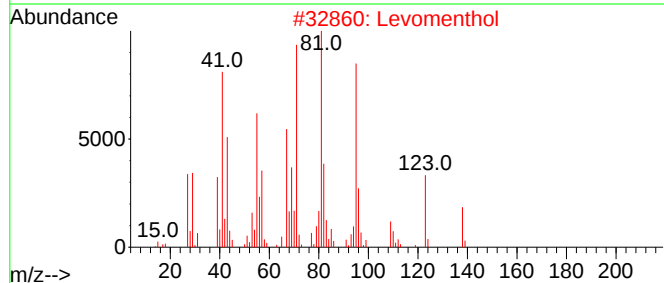
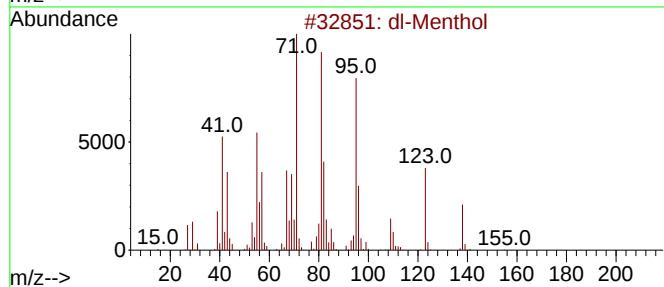
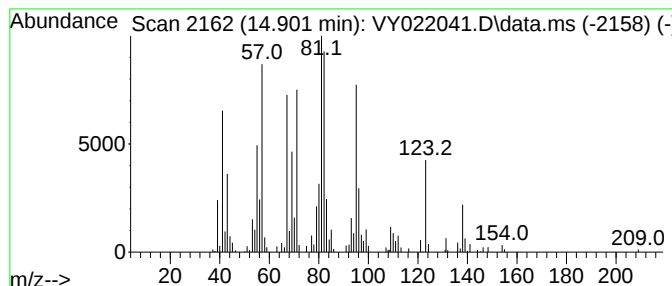
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 7 dl-Menthol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.901	7.04 ug/l	203282	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			dl-Menthol	156	C10H20O	000089-78-1	72
2			Levomenthol	156	C10H20O	002216-51-5	72
3			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	64
4			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	60
5			L-Menthyl chloroformate	218	C11H19ClO2	014602-86-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022041.D
Acq On : 28 Apr 2025 18:59
Operator : SY/MD
Sample : Q1875-01
Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentanemet...	13.822	40.1	ug/l	1157650	4	13.347	1443110	50.0
Benzene, 1-ethy...	13.889	6.7	ug/l	192793	4	13.347	1443110	50.0
3-Octanol, 3,7-...	14.023	22.1	ug/l	636303	4	13.347	1443110	50.0
(+)-3-Carene	14.066	39.0	ug/l	1126210	4	13.347	1443110	50.0
Benzene, 1,2,4,...	14.255	7.9	ug/l	227301	4	13.347	1443110	50.0
Benzene, 1-ethe...	14.602	9.5	ug/l	275029	4	13.347	1443110	50.0
dl-Menthol	14.901	7.0	ug/l	203282	4	13.347	1443110	50.0