

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018142.D
 Acq On : 03 May 2024 14:58
 Operator : SY/MD
 Sample : P2355-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16173

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\82Y050124S.M

Title : SW846 8260

Signal : TIC: VY018142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	14	rVB3	7343	12516	1.04%	0.159%
2	2.113	43	48	52	rBV8	4993	12564	1.04%	0.159%
3	2.211	60	64	68	rBV2	8232	14129	1.17%	0.179%
4	3.247	227	234	239	rVB5	6304	14253	1.18%	0.181%
5	3.942	342	348	354	rBV	7259	17405	1.44%	0.221%
6	4.704	462	473	485	rBV6	9534	32691	2.70%	0.414%
7	6.978	837	846	856	rBV3	11246	33268	2.75%	0.422%
8	7.716	955	967	972	rBV2	166684	404446	33.46%	5.125%
9	7.783	972	978	989	rVB	287585	654960	54.19%	8.299%
10	8.136	1027	1036	1048	rBV2	134503	305776	25.30%	3.874%
11	8.685	1116	1126	1136	rBV	450907	905088	74.88%	11.468%
12	9.185	1197	1208	1213	rBV7	6700	17432	1.44%	0.221%
13	9.612	1268	1278	1290	rVB	40976	85068	7.04%	1.078%
14	9.746	1290	1300	1309	rBV	83647	177073	14.65%	2.244%
15	9.959	1326	1335	1347	rVB2	20728	44446	3.68%	0.563%
16	10.112	1351	1360	1364	rVV	39909	76013	6.29%	0.963%
17	10.179	1364	1371	1377	rVV	704966	1208720	100.00%	15.316%
18	10.246	1377	1382	1395	rVV	46165	105745	8.75%	1.340%
19	10.368	1395	1402	1408	rVV	72303	130136	10.77%	1.649%
20	10.423	1408	1411	1418	rVV6	8931	20332	1.68%	0.258%
21	10.490	1418	1422	1427	rVV5	10330	18702	1.55%	0.237%
22	10.557	1427	1433	1442	rVV6	12834	31543	2.61%	0.400%
23	10.642	1442	1447	1453	rVV3	14156	26710	2.21%	0.338%
24	10.947	1493	1497	1505	rVB3	9501	17080	1.41%	0.216%
25	11.489	1576	1586	1593	rBV	658321	1058723	87.59%	13.415%
26	11.703	1614	1621	1626	rBV	14170	30872	2.55%	0.391%
27	12.032	1668	1675	1685	rVB5	11208	26905	2.23%	0.341%
28	12.337	1716	1725	1731	rBV	77864	142755	11.81%	1.809%
29	12.483	1741	1749	1757	rVV	467738	750025	62.05%	9.503%
30	12.587	1761	1766	1770	rVB4	11988	20430	1.69%	0.259%
31	12.806	1797	1802	1807	rBV6	13155	23636	1.96%	0.299%
32	12.892	1810	1816	1821	rBV3	35721	72704	6.01%	0.921%
33	13.081	1837	1847	1849	rBV8	9385	24912	2.06%	0.316%
34	13.337	1877	1889	1892	rBV4	39878	86273	7.14%	1.093%
35	13.367	1892	1894	1898	rVV2	25467	34070	2.82%	0.432%
36	13.428	1898	1904	1912	rVB	523562	843852	69.81%	10.692%

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ClientSampleId :
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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\82Y050124S.M
Title : SW846 8260

37	13.660	1934	1942	1950	rVB10	8154	29633	2.45%	0.375%
38	13.958	1987	1991	1998	rBV3	8887	16059	1.33%	0.203%
39	14.727	2105	2117	2132	rBV4	48286	165941	13.73%	2.103%
40	15.233	2193	2200	2208	rBV	70855	124922	10.34%	1.583%
41	15.312	2210	2213	2219	rVB4	7720	12560	1.04%	0.159%
42	15.434	2225	2233	2246	rVB3	10173	35180	2.91%	0.446%
43	16.293	2368	2374	2380	rVB2	7575	12905	1.07%	0.164%
44	16.482	2399	2405	2412	rBV7	6227	13679	1.13%	0.173%

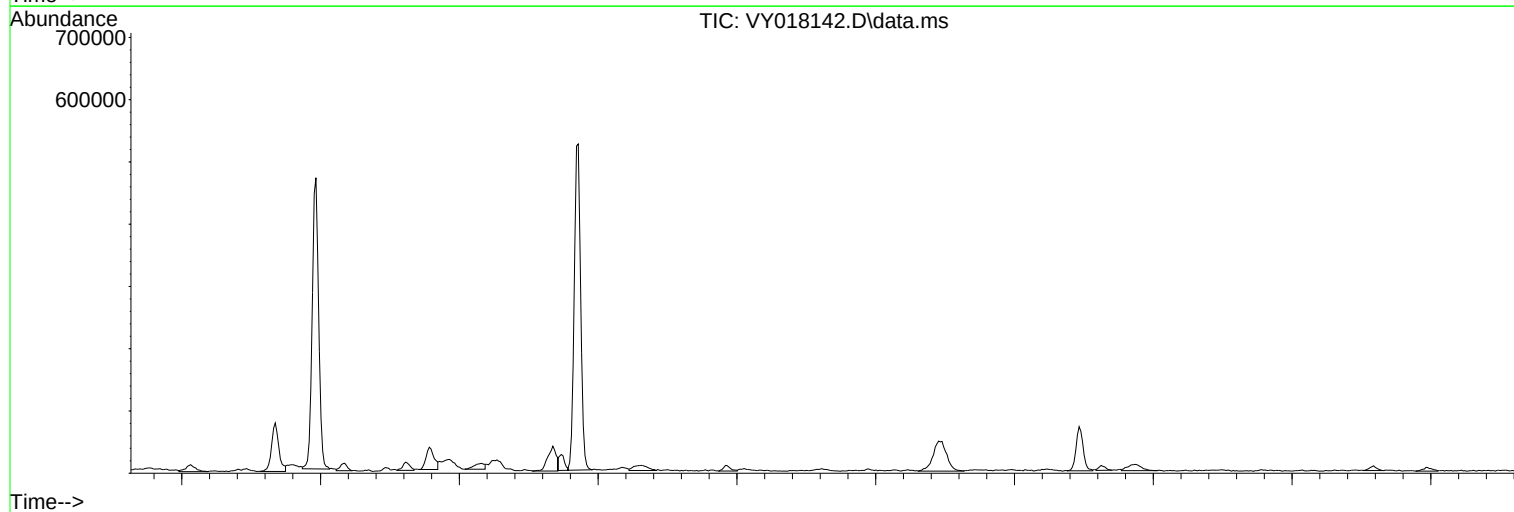
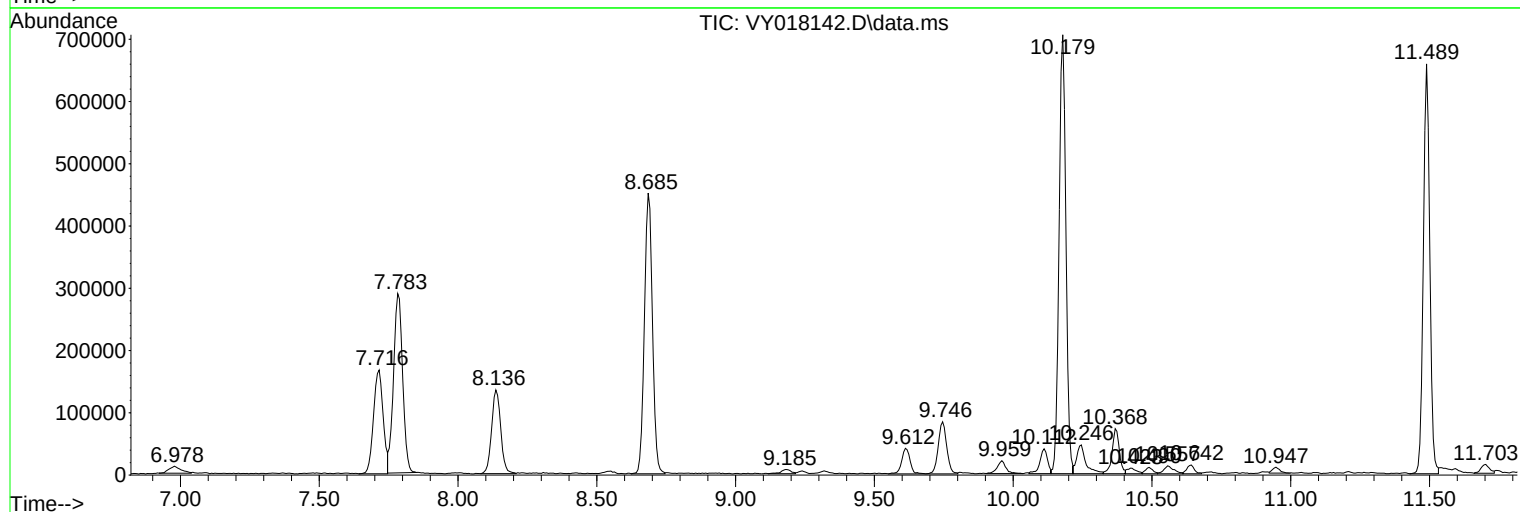
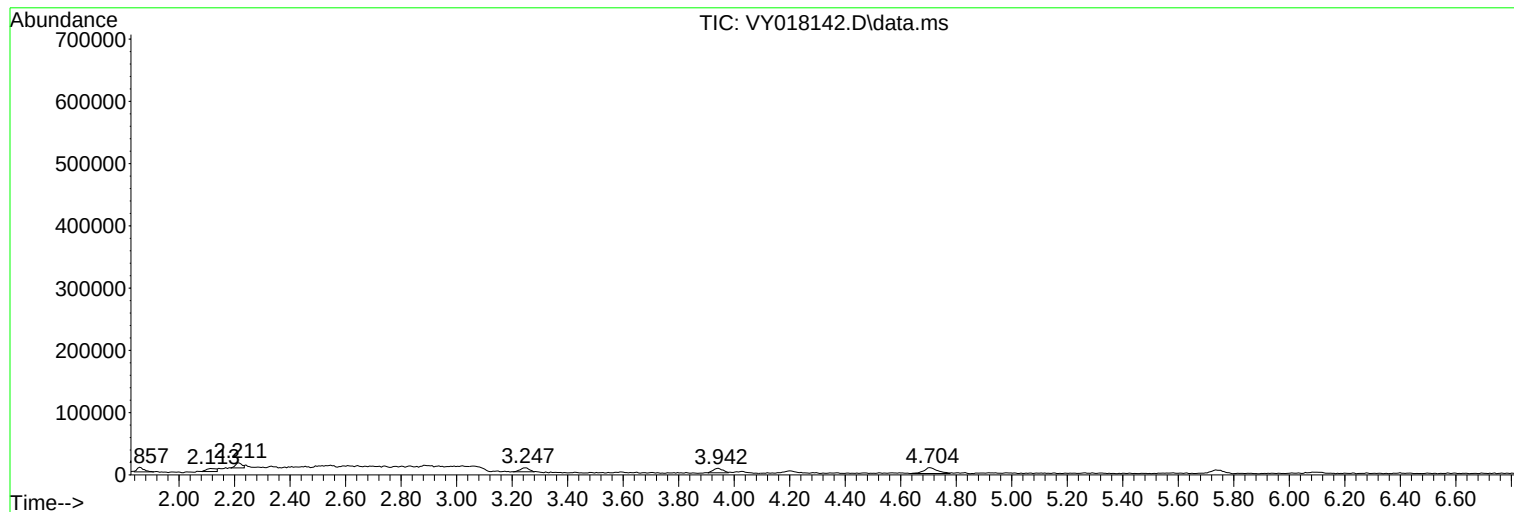
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
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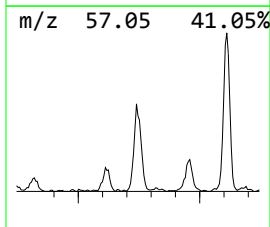
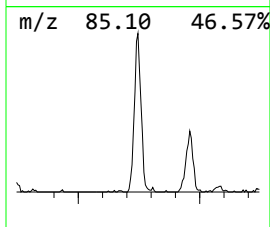
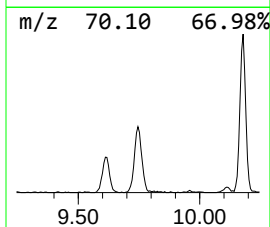
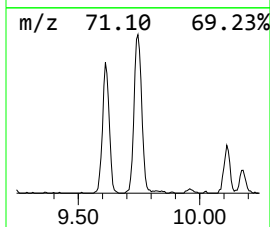
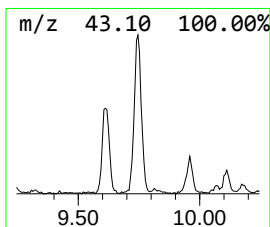
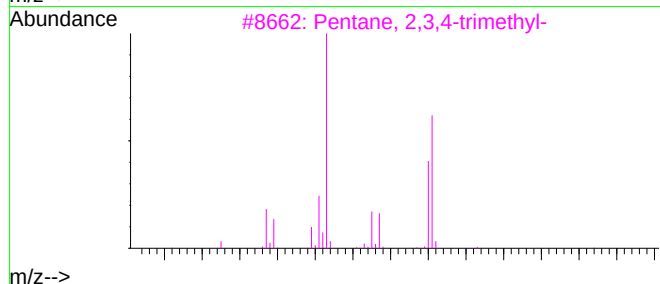
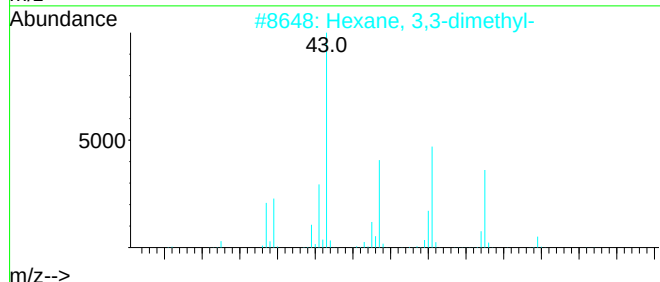
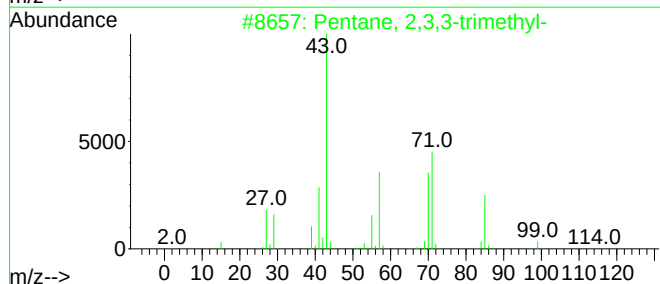
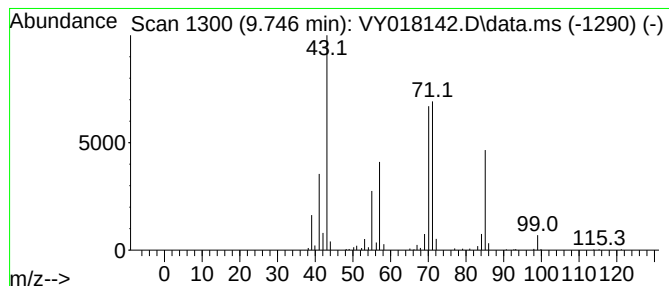
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.746	9.78 ug/l	177073	1,4-Difluorobenzene	8.685	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	50



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VB16173

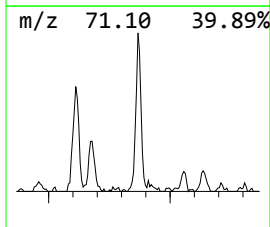
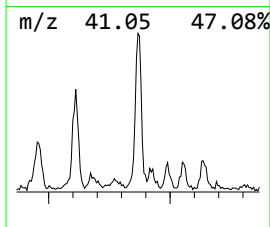
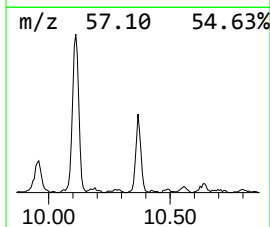
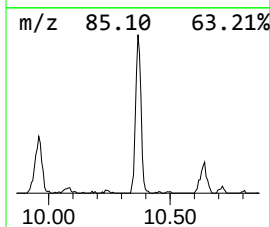
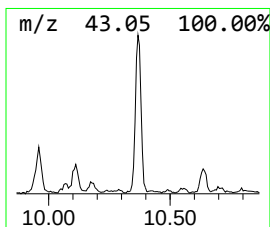
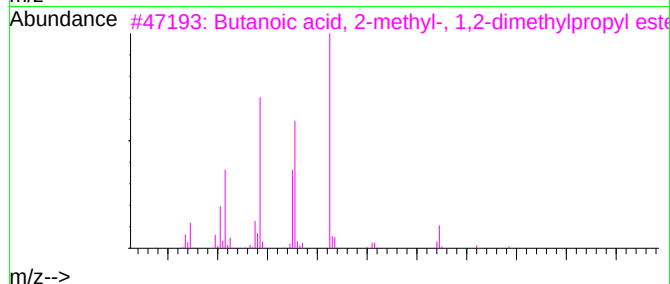
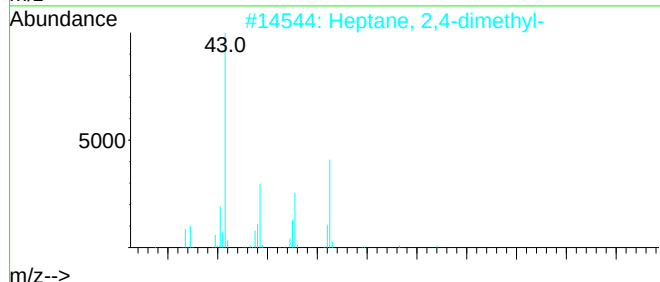
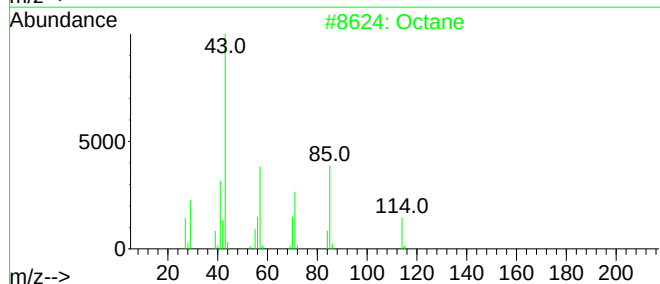
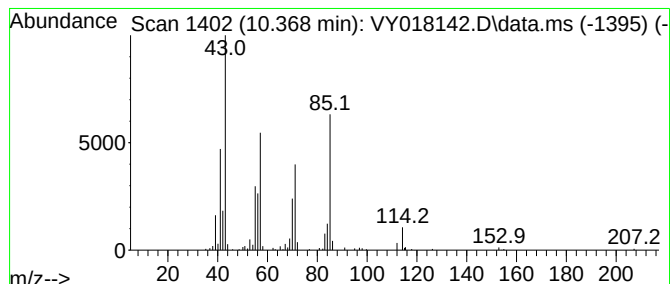
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.368	6.15 ug/l	130136	Chlorobenzene-d5	11.489	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Butanoic acid, 2-methyl-, 1,2-di...	172	C10H20O2	084696-83-3	59
4	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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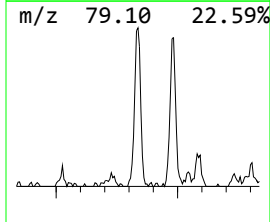
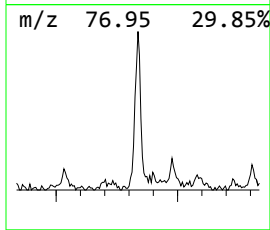
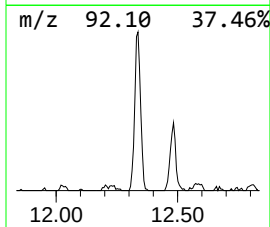
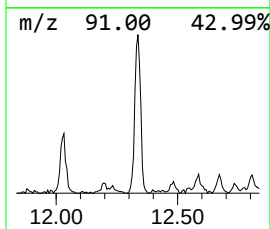
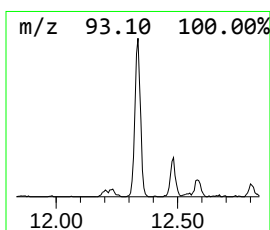
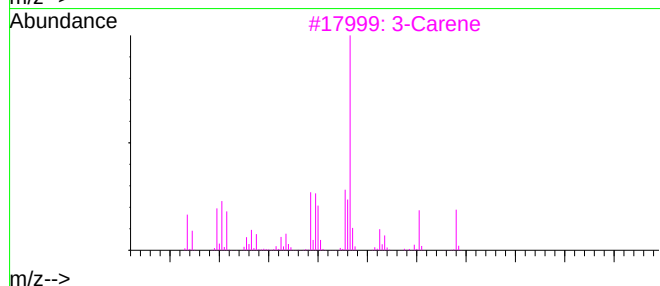
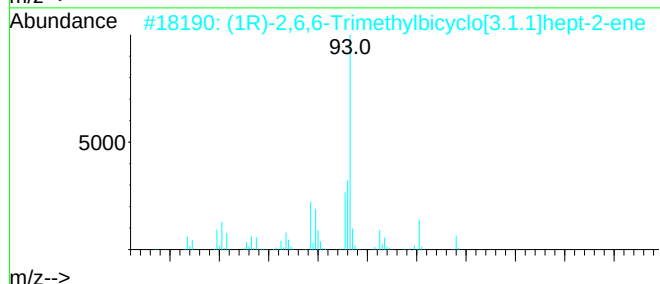
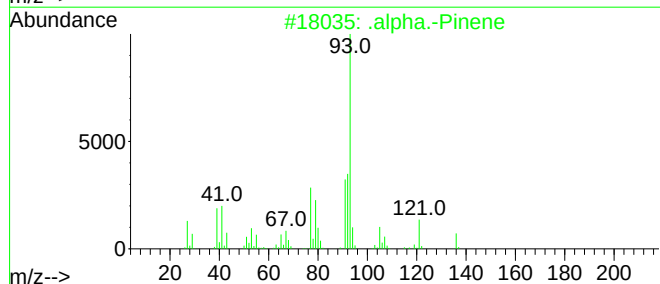
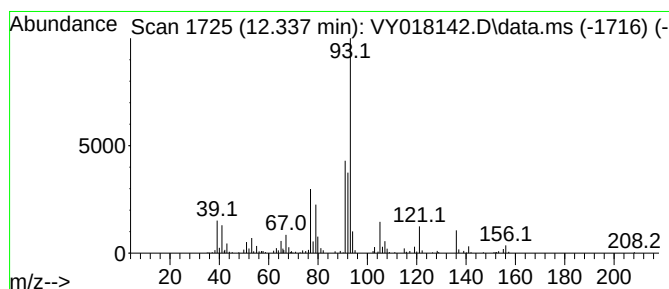
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

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

Peak Number 3 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	6.74 ug/l	142755	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
3	3-Carene	136	C10H16	013466-78-9	90
4	Tricyclo[2.2.1.0(2,6)]heptane, 1,1-dimethyl-2-(3-methylbut-3-en-1-yl)-	136	C10H16	000488-97-1	87
5	Cyclopropane, 1,1-dimethyl-2-(3-methylbut-3-en-1-yl)-	136	C10H16	068998-21-0	87



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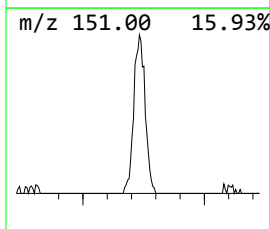
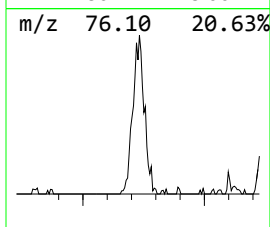
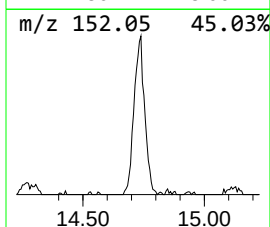
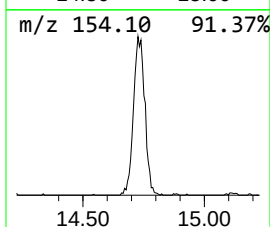
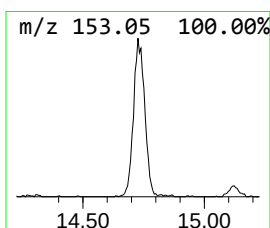
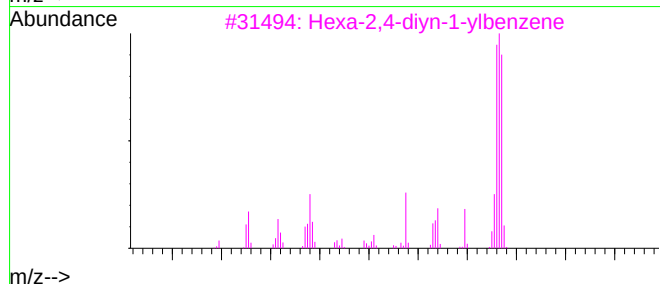
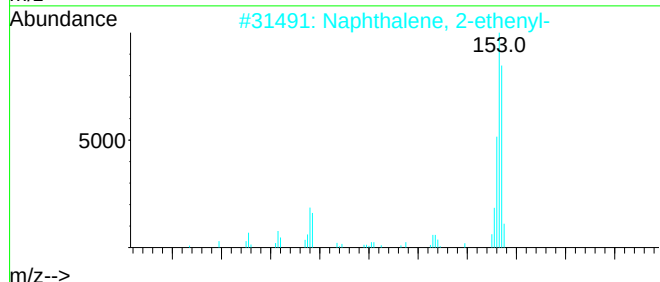
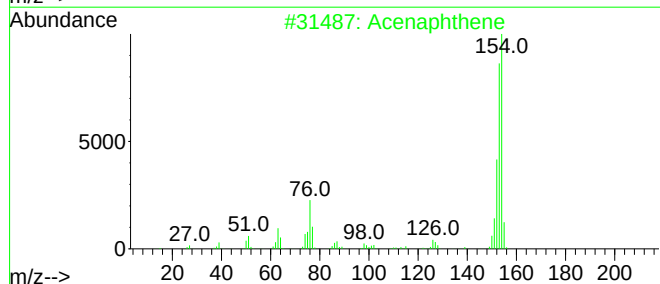
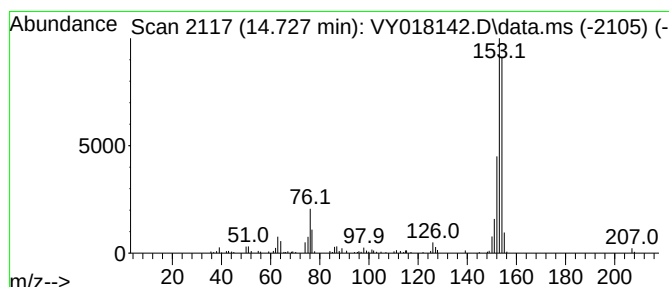
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	9.83 ug/l	165941	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	92
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260

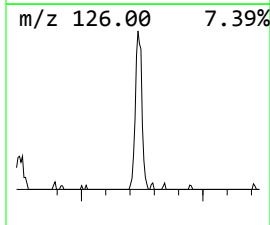
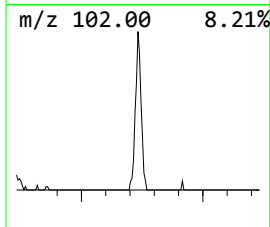
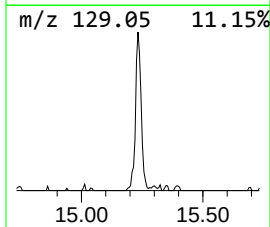
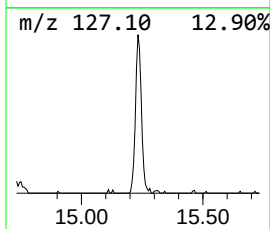
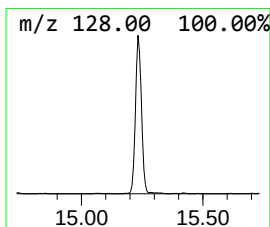
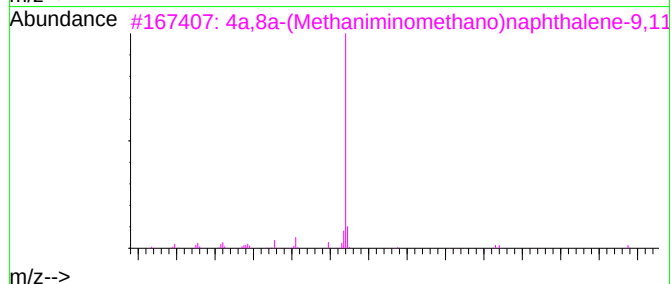
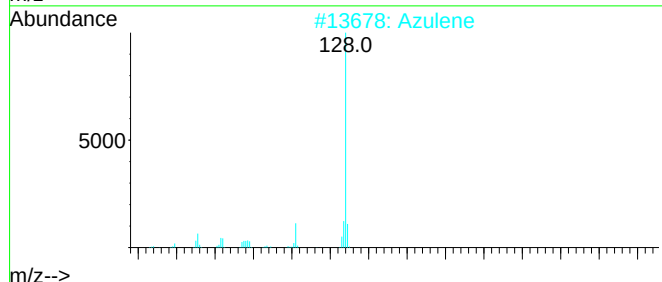
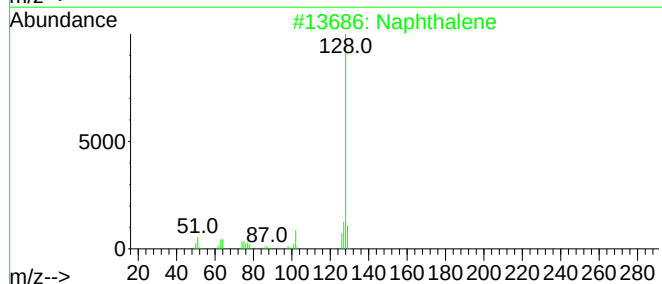
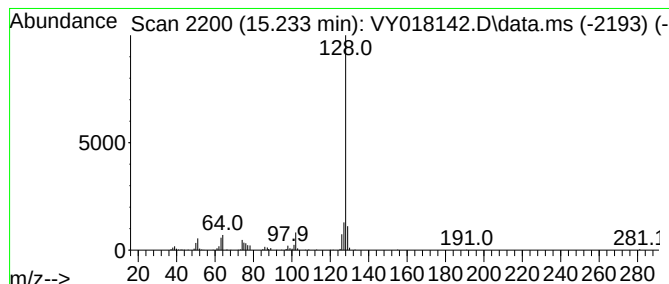
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	7.40 ug/l	124922	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	90
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4	N-Methyl-9-aza-tricyclo[6.2.2.0(...	185	C12H11NO	013131-19-6	64
5	1,2-Benzenedicarbonitrile	128	C8H4N2	000091-15-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
Data File : VY018142.D
Acq On : 03 May 2024 14:58
Operator : SY/MD
Sample : P2355-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VB16173

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.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
Pentane, 2,3,3-...	9.746	9.8	ug/l	177073	2	8.685	905088	50.0
Octane	10.368	6.2	ug/l	130136	3	11.489	1058720	50.0
.alpha.-Pinene	12.337	6.7	ug/l	142755	3	11.489	1058720	50.0
Naphthalene, 2-...	14.727	9.8	ug/l	165941	4	13.428	843852	50.0
Azulene	15.233	7.4	ug/l	124922	4	13.428	843852	50.0