

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018261.D
 Acq On : 14 May 2024 16:22
 Operator : SY/MD
 Sample : P2474-01
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB02

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_Y\methods\82Y050724S.M
 Title : SW846 8260

Signal : TIC: VY018261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	85	91	98	rVB2	6382	12273	1.44%	0.237%
2	3.936	339	347	355	rBV3	5609	14711	1.73%	0.284%
3	4.186	378	388	396	rBV	15836	43103	5.06%	0.831%
4	4.704	464	473	490	rVB3	15584	53434	6.27%	1.031%
5	5.734	635	642	651	rBV6	4273	12057	1.41%	0.233%
6	6.119	697	705	712	rVB4	5044	15946	1.87%	0.308%
7	7.710	956	966	972	rBV2	116703	274592	32.21%	5.297%
8	7.783	972	978	991	rVB	201970	455411	53.43%	8.785%
9	8.136	1027	1036	1045	rBV	94889	213679	25.07%	4.122%
10	8.685	1117	1126	1137	rBV	325341	639134	74.98%	12.328%
11	10.179	1362	1371	1379	rBV	496066	852418	100.00%	16.442%
12	11.490	1578	1586	1599	rBV	420802	690277	80.98%	13.315%
13	12.483	1742	1749	1758	rBV	271567	433285	50.83%	8.358%
14	13.422	1897	1903	1913	rVB	292238	456309	53.53%	8.802%
15	13.623	1932	1936	1939	rVV3	6515	10890	1.28%	0.210%
16	13.666	1939	1943	1950	rVB3	12703	24375	2.86%	0.470%
17	13.818	1965	1968	1973	rVB2	7586	12113	1.42%	0.234%
18	13.885	1973	1979	1981	rVV2	15594	25629	3.01%	0.494%
19	13.910	1981	1983	1988	rVV	19359	28796	3.38%	0.555%
20	13.971	1988	1993	1999	rVB2	47659	77282	9.07%	1.491%
21	14.074	2005	2010	2016	rVB3	20495	35667	4.18%	0.688%
22	14.148	2016	2022	2027	rBV7	4340	11335	1.33%	0.219%
23	14.209	2027	2032	2037	rVV2	20962	35772	4.20%	0.690%
24	14.294	2037	2046	2049	rVV	49493	83816	9.83%	1.617%
25	14.330	2049	2052	2057	rVV	77246	117224	13.75%	2.261%
26	14.379	2057	2060	2063	rVV2	29393	43528	5.11%	0.840%
27	14.416	2063	2066	2073	rVV2	21377	36408	4.27%	0.702%
28	14.483	2073	2077	2079	rVV3	6773	10420	1.22%	0.201%
29	14.519	2079	2083	2087	rVV	16011	26599	3.12%	0.513%
30	14.568	2087	2091	2095	rVV3	24016	47234	5.54%	0.911%
31	14.611	2095	2098	2102	rVV	28465	40039	4.70%	0.772%
32	14.672	2102	2108	2115	rVV5	57461	129701	15.22%	2.502%
33	14.739	2115	2119	2124	rVV	24330	40560	4.76%	0.782%
34	14.867	2135	2140	2146	rVV5	4463	9349	1.10%	0.180%
35	14.946	2148	2153	2164	rVV2	34459	80221	9.41%	1.547%
36	15.050	2165	2170	2178	rVB2	18700	31790	3.73%	0.613%

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Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

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\82Y050724S.M
Title : SW846 8260

37	15.233	2195	2200	2206	rVB2	14813	26855	3.15%	0.518%
38	15.349	2213	2219	2222	rVV4	6167	11275	1.32%	0.217%
39	15.391	2223	2226	2237	rVB4	4081	9679	1.14%	0.187%
40	15.525	2242	2248	2253	rBV6	5070	11070	1.30%	0.214%

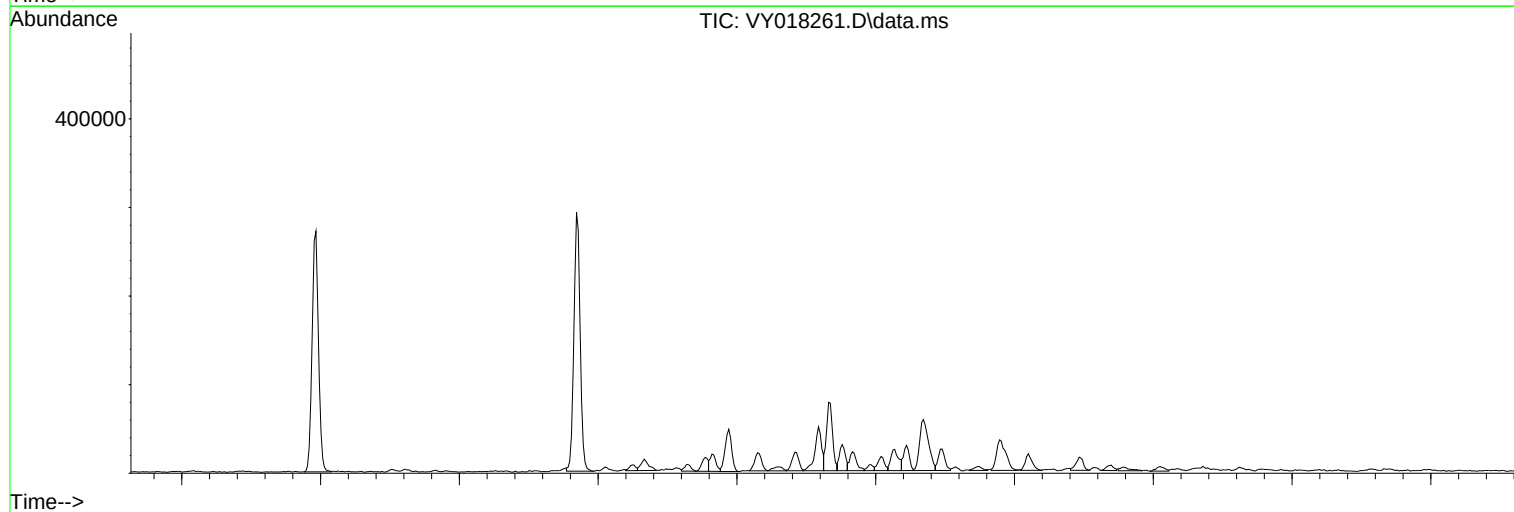
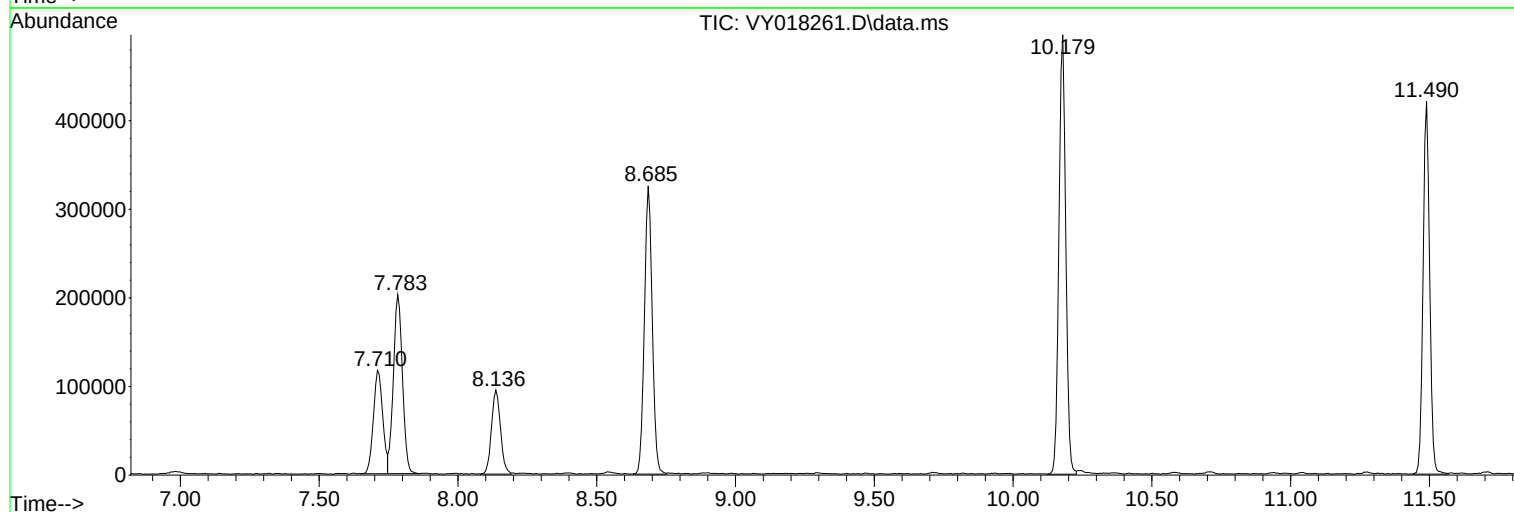
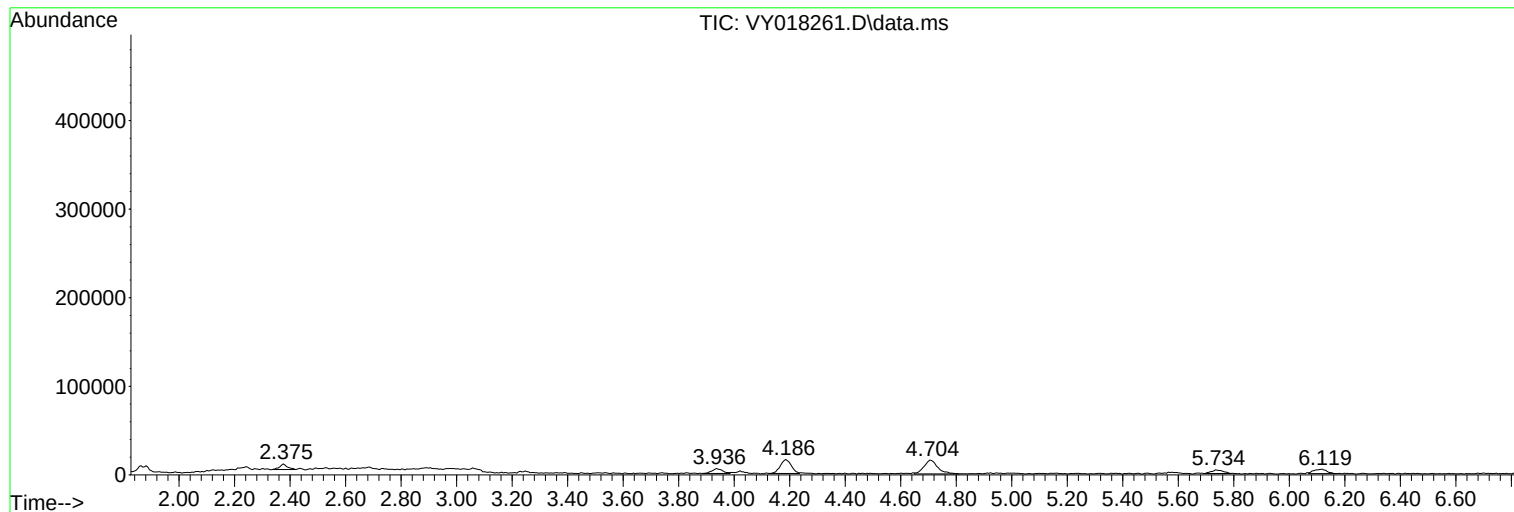
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

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



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B-114-SB02

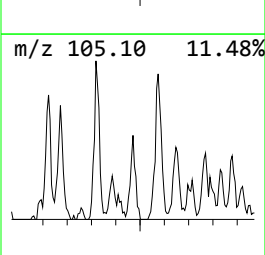
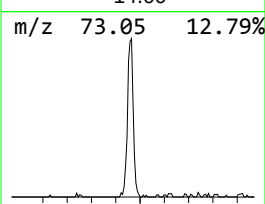
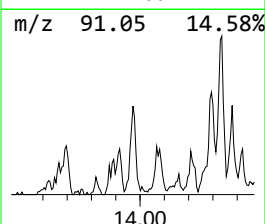
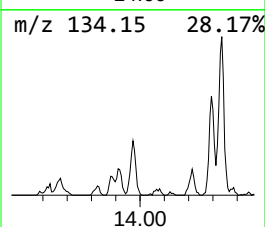
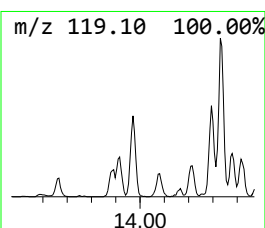
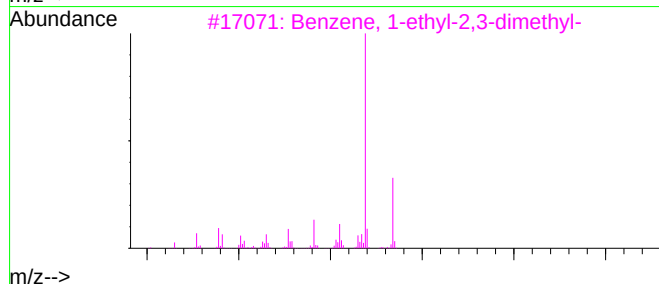
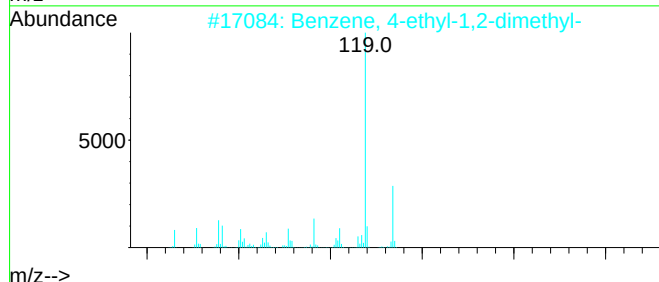
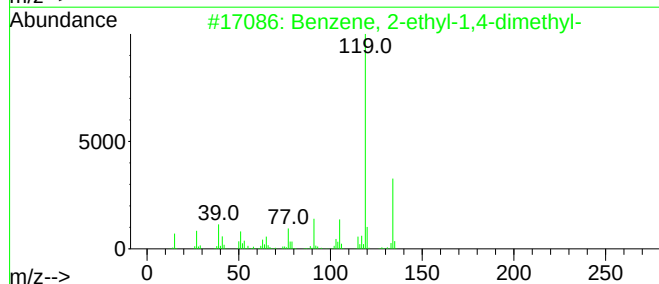
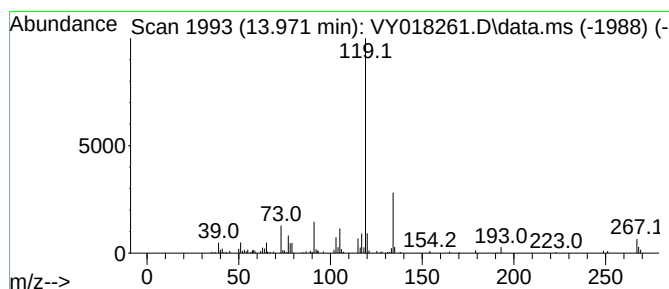
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	8.47 ug/l	77282	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

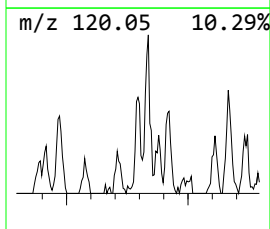
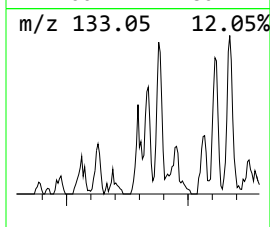
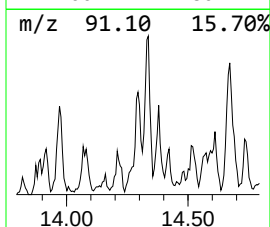
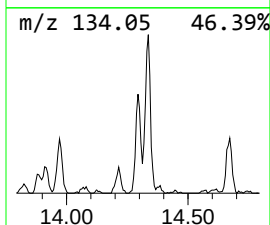
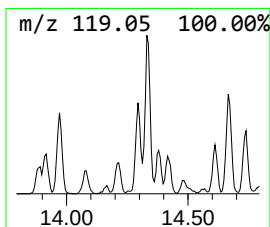
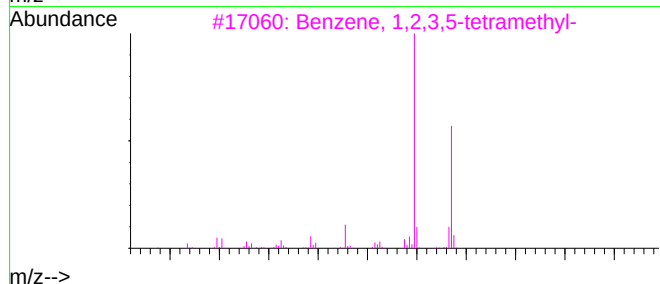
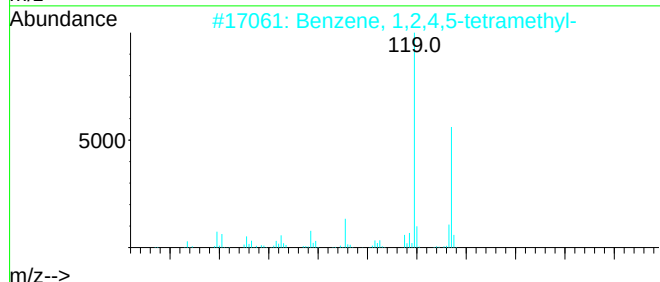
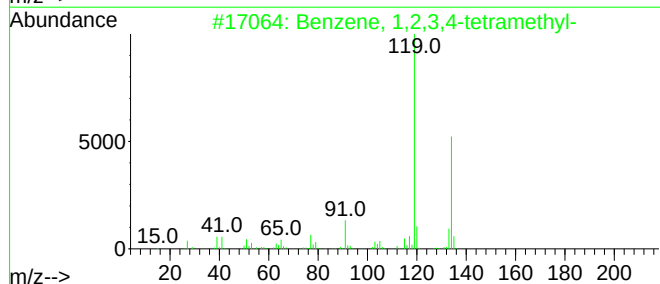
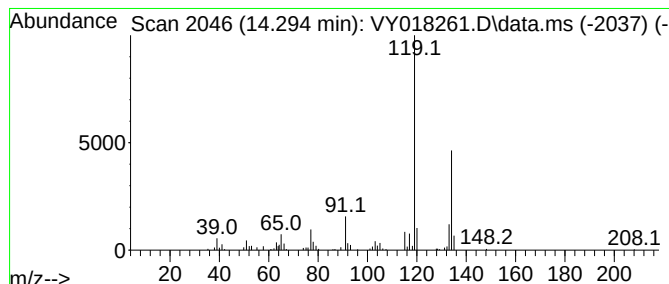
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	9.18 ug/l	83816	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

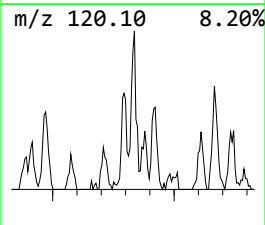
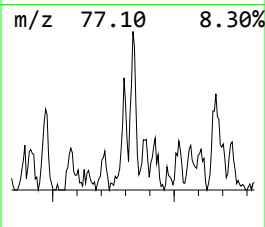
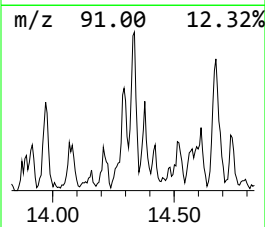
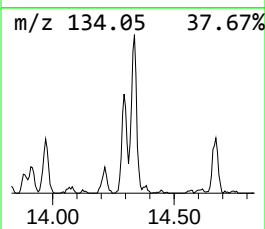
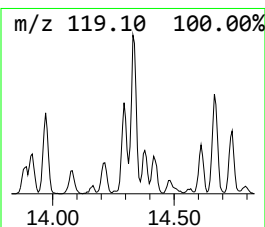
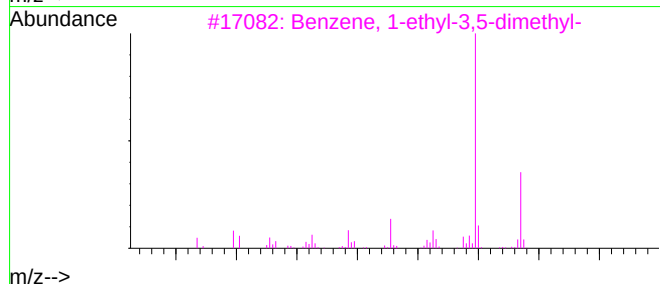
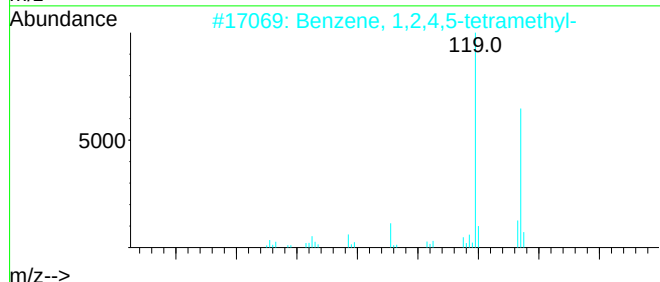
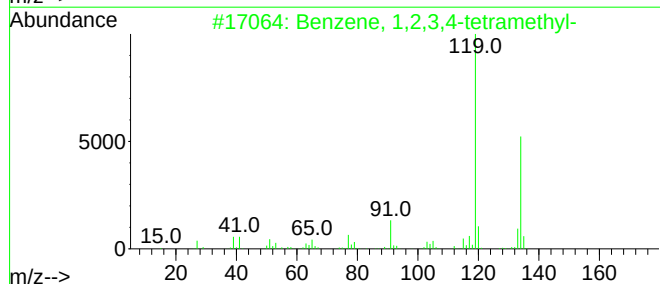
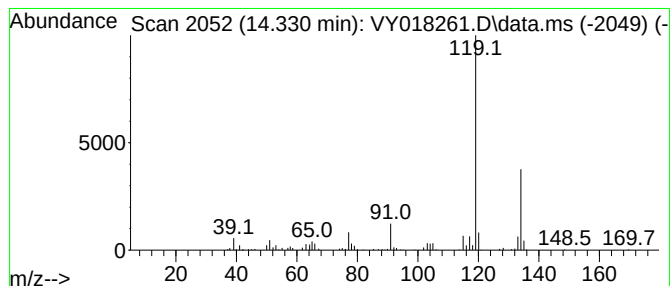
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	12.84 ug/l	117224	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



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ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

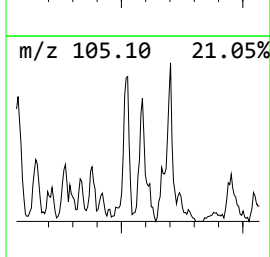
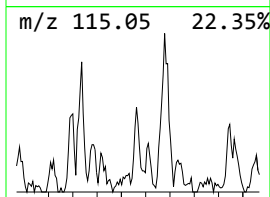
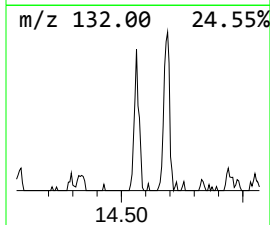
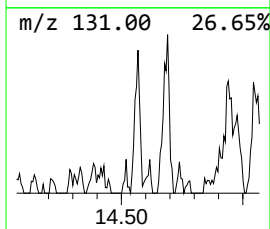
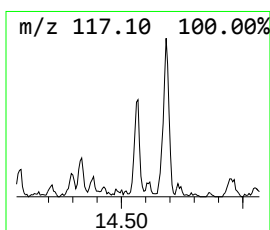
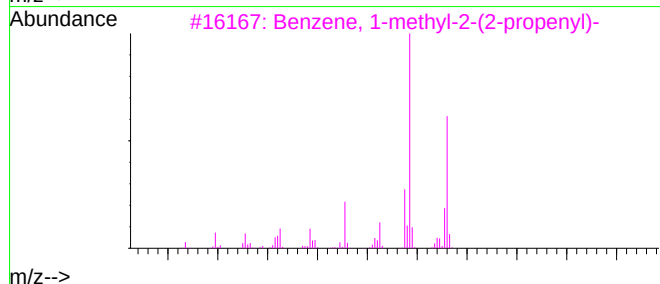
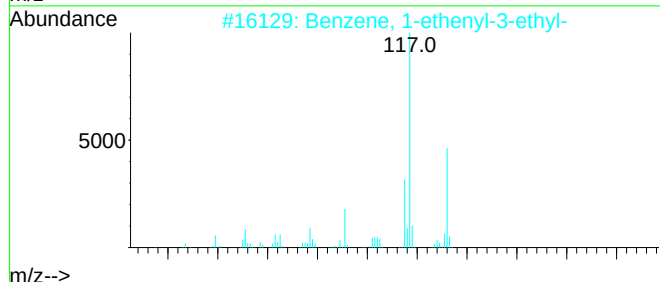
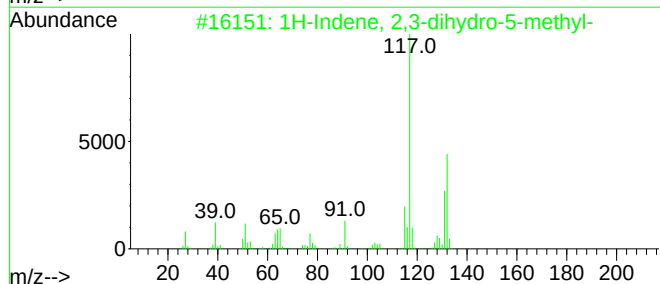
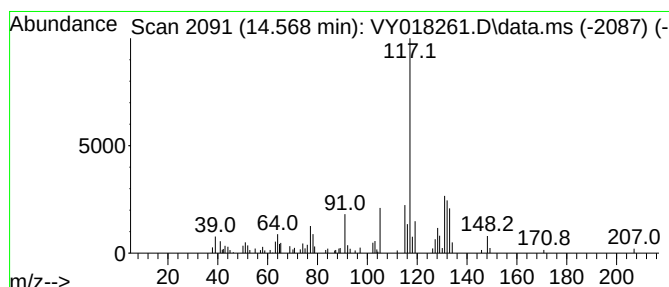
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	5.18 ug/l	47234	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	53
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	52
4	Indan, 1-methyl-	132	C10H12	000767-58-8	49
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49



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MSVOA_Y
ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

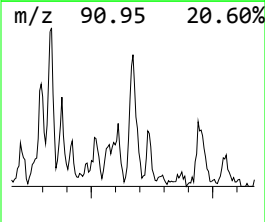
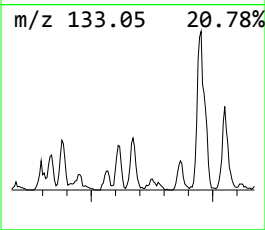
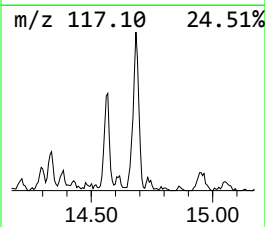
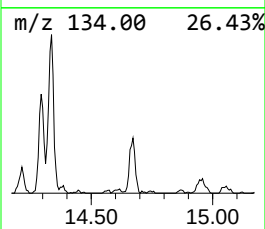
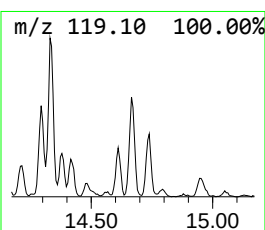
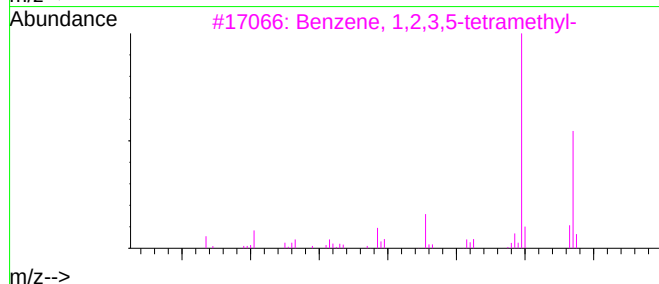
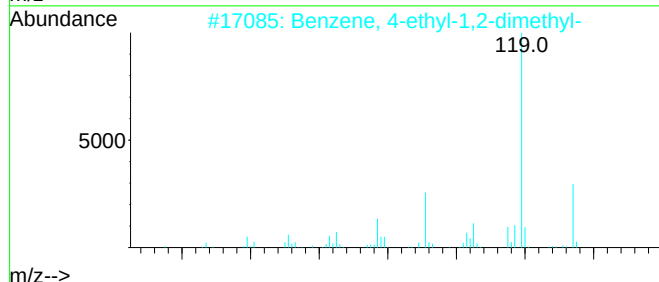
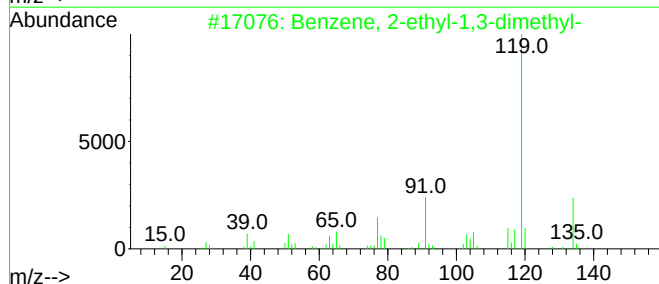
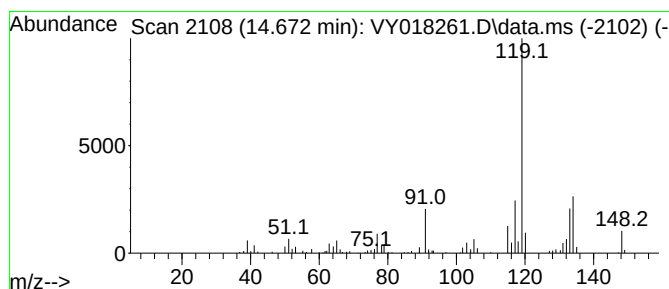
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	14.21 ug/l	129701	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	62
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
Data File : VY018261.D
Acq On : 14 May 2024 16:22
Operator : SY/MD
Sample : P2474-01
Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260

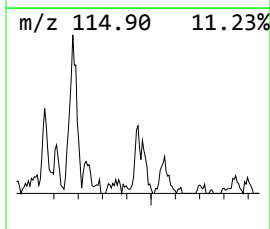
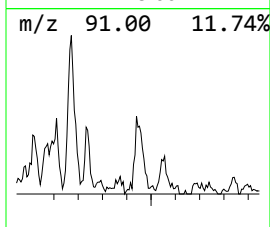
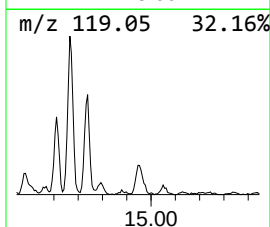
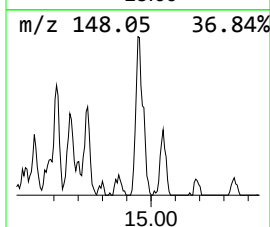
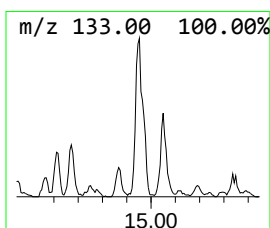
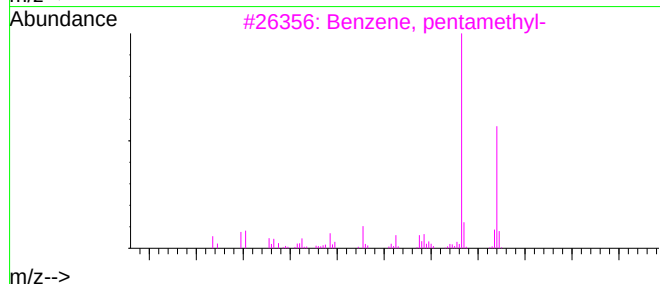
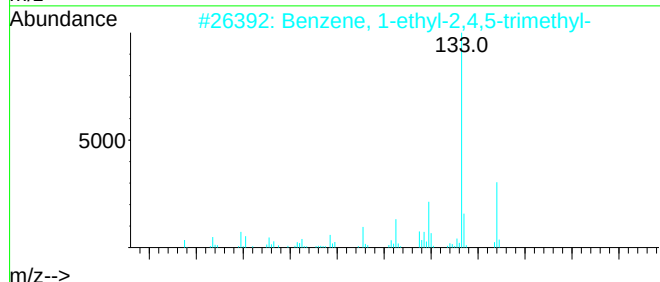
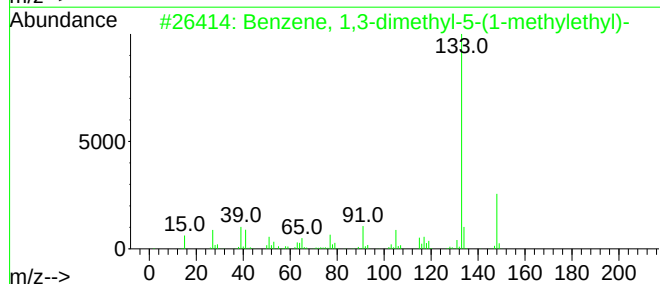
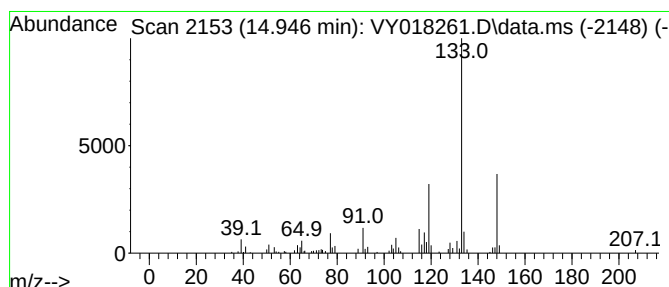
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	8.79 ug/l	80221	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
Data File : VY018261.D
Acq On : 14 May 2024 16:22
Operator : SY/MD
Sample : P2474-01
Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.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, 2-ethy...	13.971	8.5	ug/l	77282	4	13.428	456309	50.0
Benzene, 1,2,3,...	14.294	9.2	ug/l	83816	4	13.428	456309	50.0
Benzene, 1,2,4,...	14.331	12.8	ug/l	117224	4	13.428	456309	50.0
1H-Indene, 2,3-...	14.568	5.2	ug/l	47234	4	13.428	456309	50.0
Benzene, 2-ethy...	14.672	14.2	ug/l	129701	4	13.428	456309	50.0
Benzene, 1,3-di...	14.946	8.8	ug/l	80221	4	13.428	456309	50.0