

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016853.D
 Acq On : 26 Dec 2023 15:18
 Operator : SY/MD
 Sample : 06016-03
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-322-4-6

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\82Y122023S.M
 Title : SW846 8260

Signal : TIC: VY016853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.735	468	478	489	rBV2	9420	27937	3.95%	0.601%
2	7.002	841	850	859	rBV	5909	20798	2.94%	0.447%
3	7.734	960	970	975	rBV2	92117	215173	30.41%	4.627%
4	7.801	975	981	994	rVB	137424	318285	44.98%	6.844%
5	8.155	1028	1039	1051	rBV	89493	206110	29.13%	4.432%
6	8.703	1119	1129	1140	rBV	274504	528720	74.73%	11.369%
7	10.191	1365	1373	1382	rBV	377747	634878	89.73%	13.651%
8	10.587	1432	1438	1446	rVB	18480	32226	4.55%	0.693%
9	10.959	1494	1499	1504	rBV2	3809	7136	1.01%	0.153%
10	11.325	1552	1559	1566	rBV2	8731	13964	1.97%	0.300%
11	11.502	1579	1588	1603	rBV	436141	707539	100.00%	15.214%
12	12.495	1744	1751	1764	rBV2	283742	448086	63.33%	9.635%
13	13.434	1898	1905	1920	rVB	389533	610407	86.27%	13.125%
14	13.635	1928	1938	1941	rBV	22262	41100	5.81%	0.884%
15	13.678	1941	1945	1955	rVB3	27322	58480	8.27%	1.257%
16	13.830	1966	1970	1975	rVV	12733	19349	2.73%	0.416%
17	13.898	1975	1981	1983	rVV2	22572	36121	5.11%	0.777%
18	13.928	1983	1986	1990	rVV	22912	33789	4.78%	0.727%
19	13.983	1990	1995	2001	rVB2	57516	85517	12.09%	1.839%
20	14.086	2006	2012	2017	rVB3	16707	26547	3.75%	0.571%
21	14.221	2030	2034	2039	rBV2	14652	22211	3.14%	0.478%
22	14.306	2039	2048	2051	rVV	41276	67544	9.55%	1.452%
23	14.343	2051	2054	2059	rVV	69407	100056	14.14%	2.151%
24	14.391	2059	2062	2065	rVV	14799	20778	2.94%	0.447%
25	14.428	2065	2068	2075	rVB2	10659	14638	2.07%	0.315%
26	14.532	2081	2085	2088	rBV3	7411	9701	1.37%	0.209%
27	14.574	2088	2092	2096	rVV	17267	27030	3.82%	0.581%
28	14.623	2096	2100	2104	rVB	23461	34167	4.83%	0.735%
29	14.684	2104	2110	2117	rBV3	46028	102955	14.55%	2.214%
30	14.745	2117	2120	2126	rVB	17418	25457	3.60%	0.547%
31	14.958	2149	2155	2165	rBV2	20606	47139	6.66%	1.014%
32	15.062	2166	2172	2177	rBV	12768	21971	3.11%	0.472%
33	15.245	2192	2202	2210	rBV	23939	50479	7.13%	1.085%
34	15.446	2230	2235	2241	rVB2	11572	16759	2.37%	0.360%
35	15.537	2244	2250	2257	rBV5	4668	9640	1.36%	0.207%
36	15.830	2293	2298	2303	rVB3	4533	7988	1.13%	0.172%

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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\82Y122023S.M
Title : SW846 8260

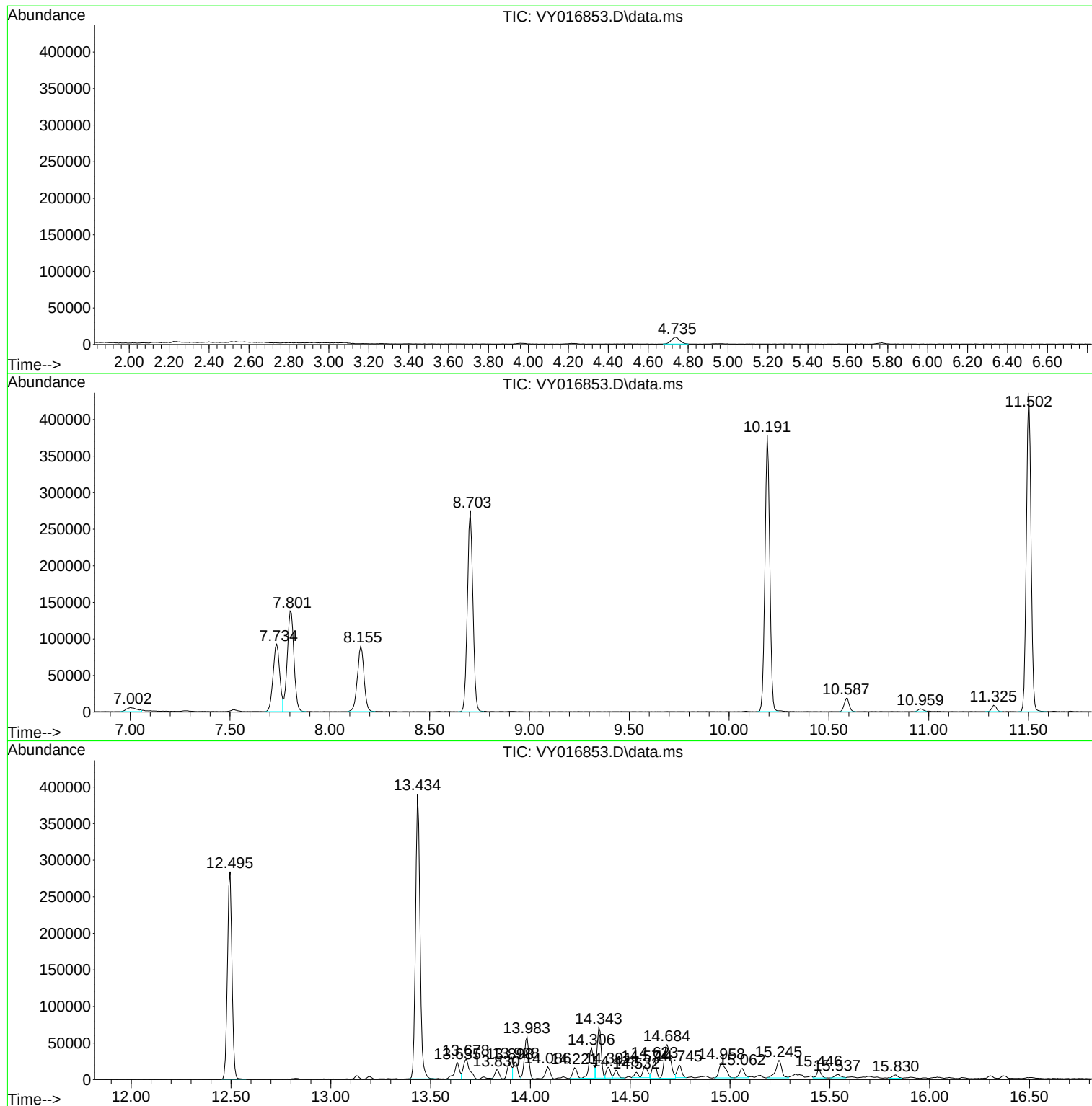
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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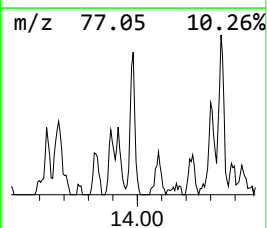
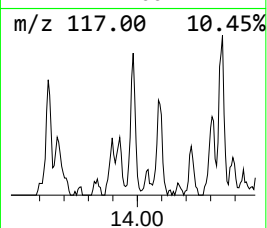
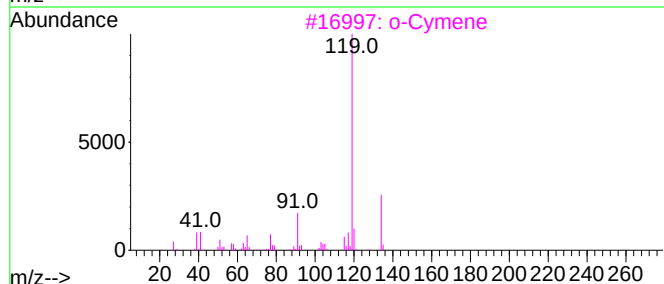
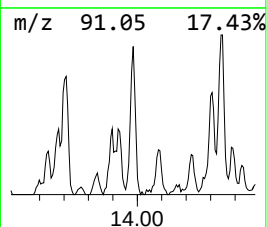
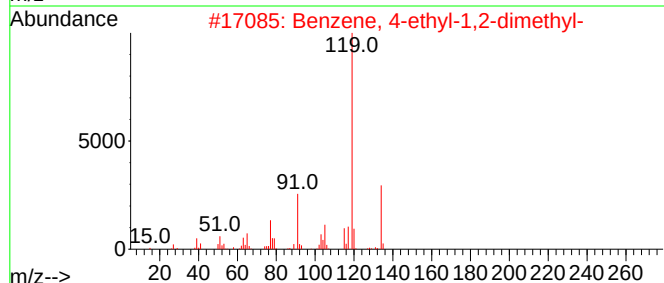
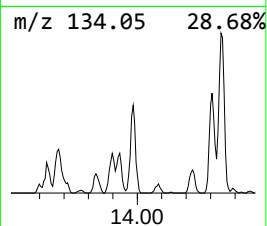
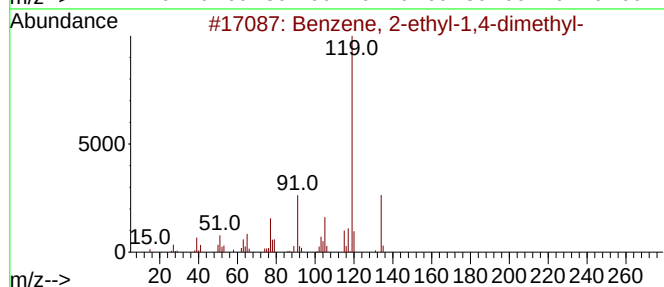
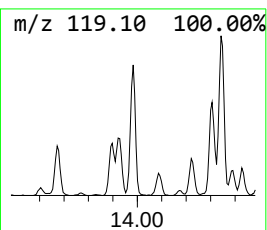
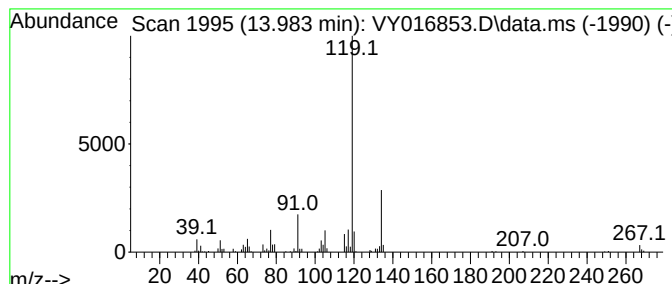
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	7.00 ug/l	85517	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			p-Cymene	134	C10H14	000099-87-6	94



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MSVOA_Y
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MR-322-4-6

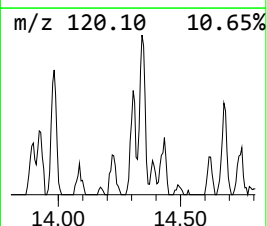
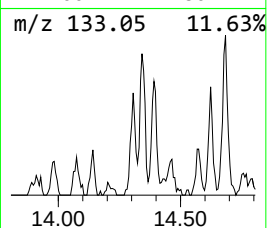
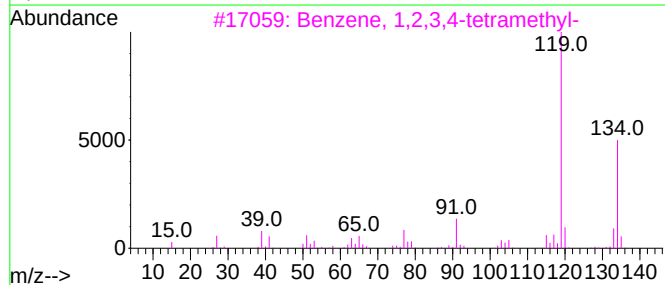
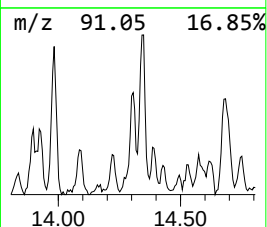
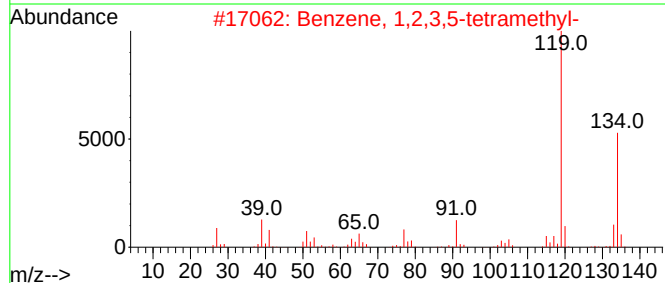
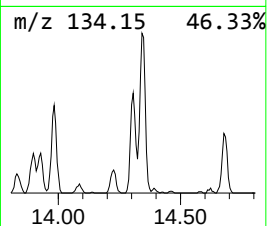
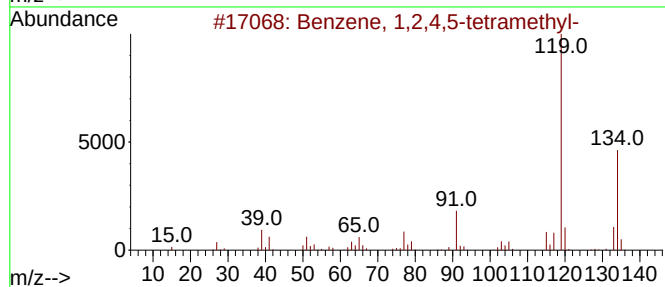
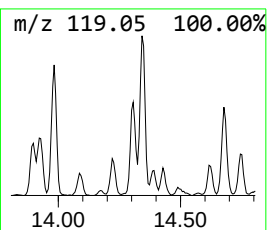
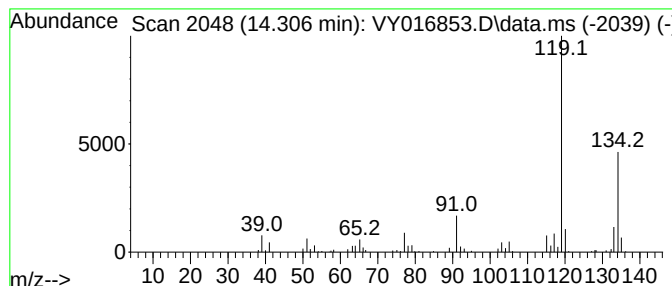
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	5.53 ug/l	67544	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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MSVOA_Y
ClientSampleId :
MR-322-4-6

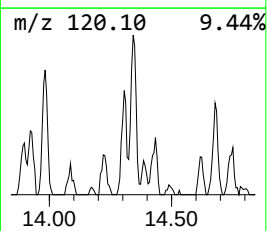
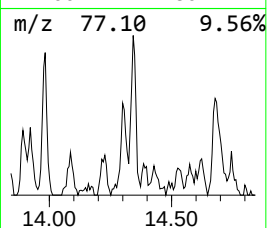
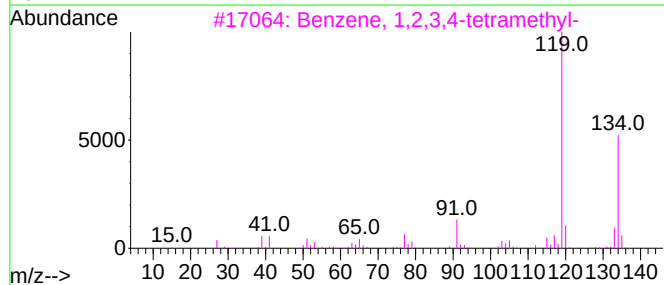
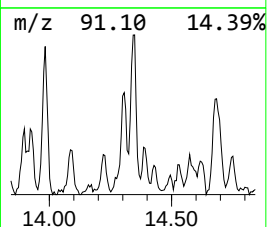
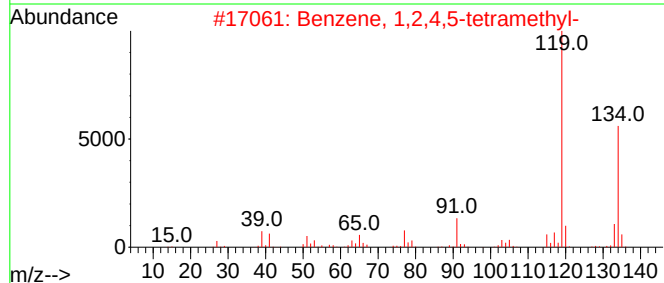
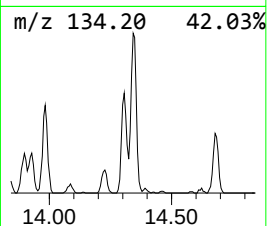
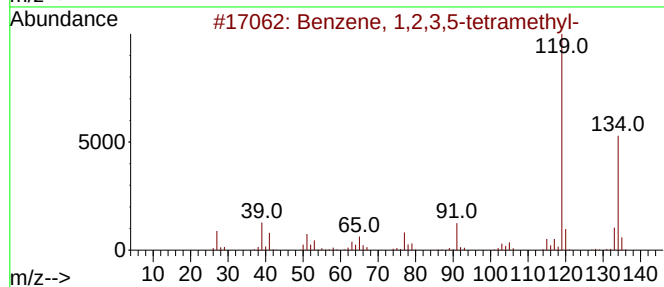
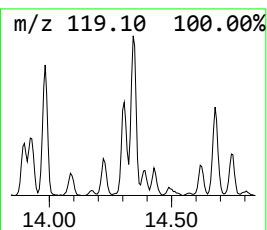
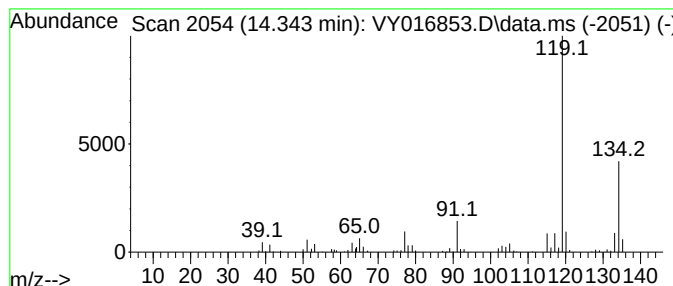
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	8.20 ug/l	100056	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			o-Cymene	134	C10H14	000527-84-4	93



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Instrument :
MSVOA_Y
ClientSampleId :
MR-322-4-6

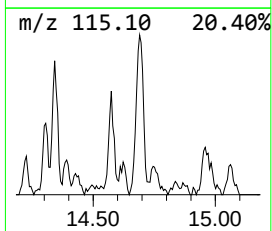
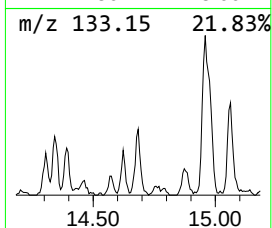
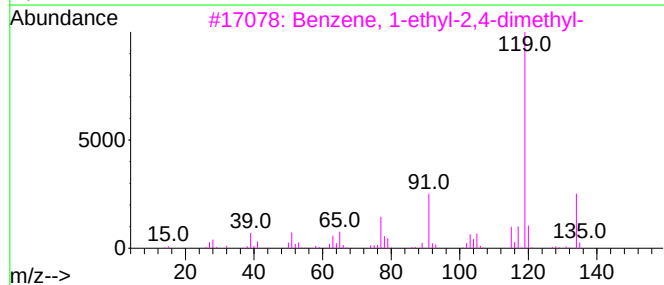
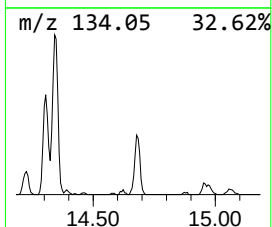
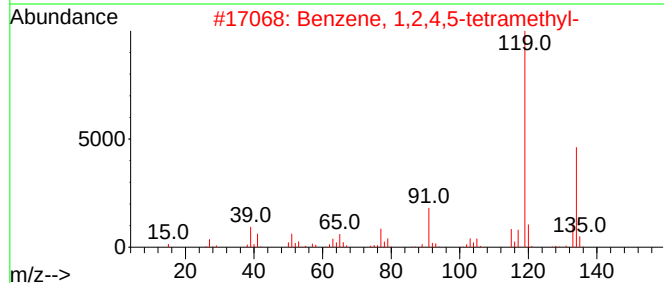
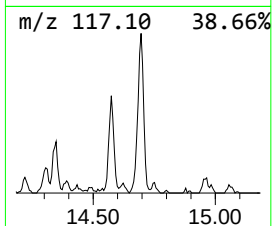
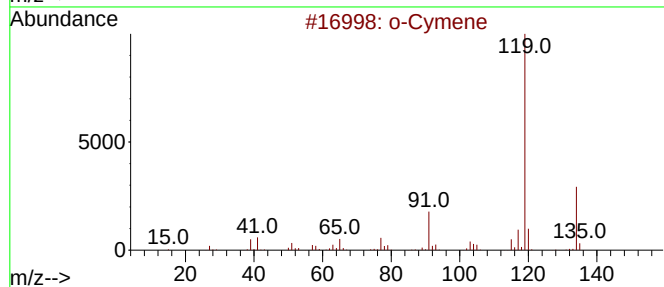
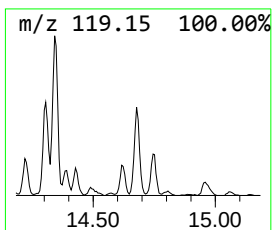
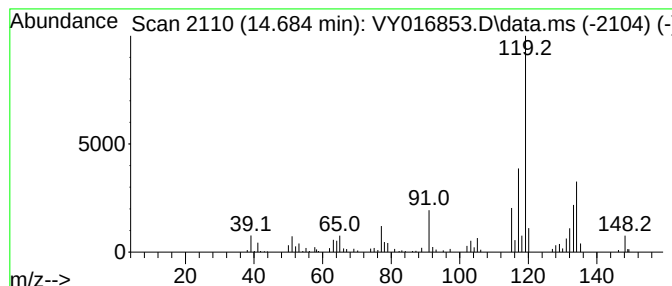
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.43 ug/l	102955	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	60
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4			p-Cymene	134	C10H14	000099-87-6	55
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55



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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
Benzene, 2-ethy...	13.983	7.0	ug/l	85517	4	13.434	610407	50.0
Benzene, 1,2,4,...	14.306	5.5	ug/l	67544	4	13.434	610407	50.0
Benzene, 1,2,3,...	14.342	8.2	ug/l	100056	4	13.434	610407	50.0
o-Cymene	14.684	8.4	ug/l	102955	4	13.434	610407	50.0