

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014828.D
 Acq On : 26 Jul 2023 02:22
 Operator : SY/MD
 Sample : 03741-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P26B

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\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.723	465	476	491	rBV2	16221	52074	5.59%	0.472%
2	4.942	499	512	524	rBV3	3346	12480	1.34%	0.113%
3	5.759	637	646	658	rVB3	6427	20000	2.15%	0.181%
4	6.990	836	848	864	rBV	75217	240114	25.76%	2.179%
5	7.728	959	969	974	rBV	131510	311688	33.44%	2.828%
6	7.795	974	980	993	rVB	213309	490573	52.64%	4.451%
7	8.149	1024	1038	1049	rBV2	142658	345294	37.05%	3.133%
8	8.697	1120	1128	1140	rBV	350496	677748	72.72%	6.149%
9	10.185	1365	1372	1382	rBV	555164	932004	100.00%	8.456%
10	10.581	1431	1437	1446	rVB2	48525	88458	9.49%	0.803%
11	10.953	1491	1498	1507	rBV	42604	75285	8.08%	0.683%
12	11.319	1553	1558	1566	rVB2	9537	16646	1.79%	0.151%
13	11.496	1579	1587	1599	rBV	524377	854793	91.72%	7.756%
14	12.483	1741	1749	1761	rBV	443003	713054	76.51%	6.470%
15	13.428	1897	1904	1919	rVB	552211	839739	90.10%	7.619%
16	13.623	1932	1936	1939	rBV	24148	32515	3.49%	0.295%
17	13.666	1939	1943	1953	rVB3	54655	110497	11.86%	1.003%
18	13.757	1953	1958	1961	rBV4	7025	10633	1.14%	0.096%
19	13.825	1964	1969	1974	rVB	26983	39950	4.29%	0.362%
20	13.885	1974	1979	1982	rBV	61953	106810	11.46%	0.969%
21	13.916	1982	1984	1988	rVV	74357	93213	10.00%	0.846%
22	13.971	1988	1993	2000	rVB	156182	237688	25.50%	2.157%
23	14.081	2005	2011	2016	rBV	56045	89063	9.56%	0.808%
24	14.129	2016	2019	2022	rBV2	8571	14782	1.59%	0.134%
25	14.160	2022	2024	2028	rVB3	9475	10965	1.18%	0.099%
26	14.215	2028	2033	2038	rBV	63742	94743	10.17%	0.860%
27	14.294	2038	2046	2049	rBV	204844	321241	34.47%	2.915%
28	14.337	2049	2053	2057	rVV	362939	529931	56.86%	4.808%
29	14.385	2057	2061	2064	rVV	85438	121046	12.99%	1.098%
30	14.422	2064	2067	2074	rVV	68996	97682	10.48%	0.886%
31	14.483	2074	2077	2079	rVV2	10498	11358	1.22%	0.103%
32	14.526	2079	2084	2087	rVV	50743	71522	7.67%	0.649%
33	14.568	2087	2091	2095	rVV2	84440	147395	15.81%	1.337%
34	14.611	2095	2098	2103	rVB	120312	168806	18.11%	1.532%
35	14.672	2103	2108	2115	rBV3	334559	674275	72.35%	6.118%
36	14.739	2115	2119	2125	rVV	130531	188246	20.20%	1.708%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	14.794	2125	2128	2131	rVB4	11353	15394	1.65%	0.140%
38	14.867	2137	2140	2145	rVB	27121	35252	3.78%	0.320%
39	14.946	2148	2153	2164	rVB	235430	528423	56.70%	4.795%
40	15.050	2164	2170	2178	rBV2	136144	233057	25.01%	2.115%
41	15.135	2181	2184	2188	rVB4	9337	13077	1.40%	0.119%
42	15.196	2188	2194	2195	rBV	21019	31232	3.35%	0.283%
43	15.239	2196	2201	2207	rVB	76175	137579	14.76%	1.248%
44	15.343	2207	2218	2223	rBV2	60162	126391	13.56%	1.147%
45	15.391	2223	2226	2230	rBV2	16494	24830	2.66%	0.225%
46	15.434	2230	2233	2242	rVB3	20222	31437	3.37%	0.285%
47	15.525	2242	2248	2255	rBV2	63774	126188	13.54%	1.145%
48	15.653	2264	2269	2270	rBV2	13338	18218	1.95%	0.165%
49	15.696	2271	2276	2287	rVB	33329	84119	9.03%	0.763%
50	15.818	2287	2296	2302	rBV	89684	170150	18.26%	1.544%
51	15.891	2302	2308	2316	rBV2	23114	48951	5.25%	0.444%
52	15.970	2316	2321	2324	rVB4	5975	9768	1.05%	0.089%
53	16.025	2324	2330	2335	rBV7	9939	27197	2.92%	0.247%
54	16.086	2336	2340	2346	rVB6	10236	21329	2.29%	0.194%
55	16.159	2346	2352	2358	rBV2	27331	53793	5.77%	0.488%
56	16.294	2367	2374	2380	rBV	88356	176026	18.89%	1.597%
57	16.361	2380	2385	2390	rBV	36188	62029	6.66%	0.563%
58	16.489	2397	2406	2418	rBV3	67354	204590	21.95%	1.856%

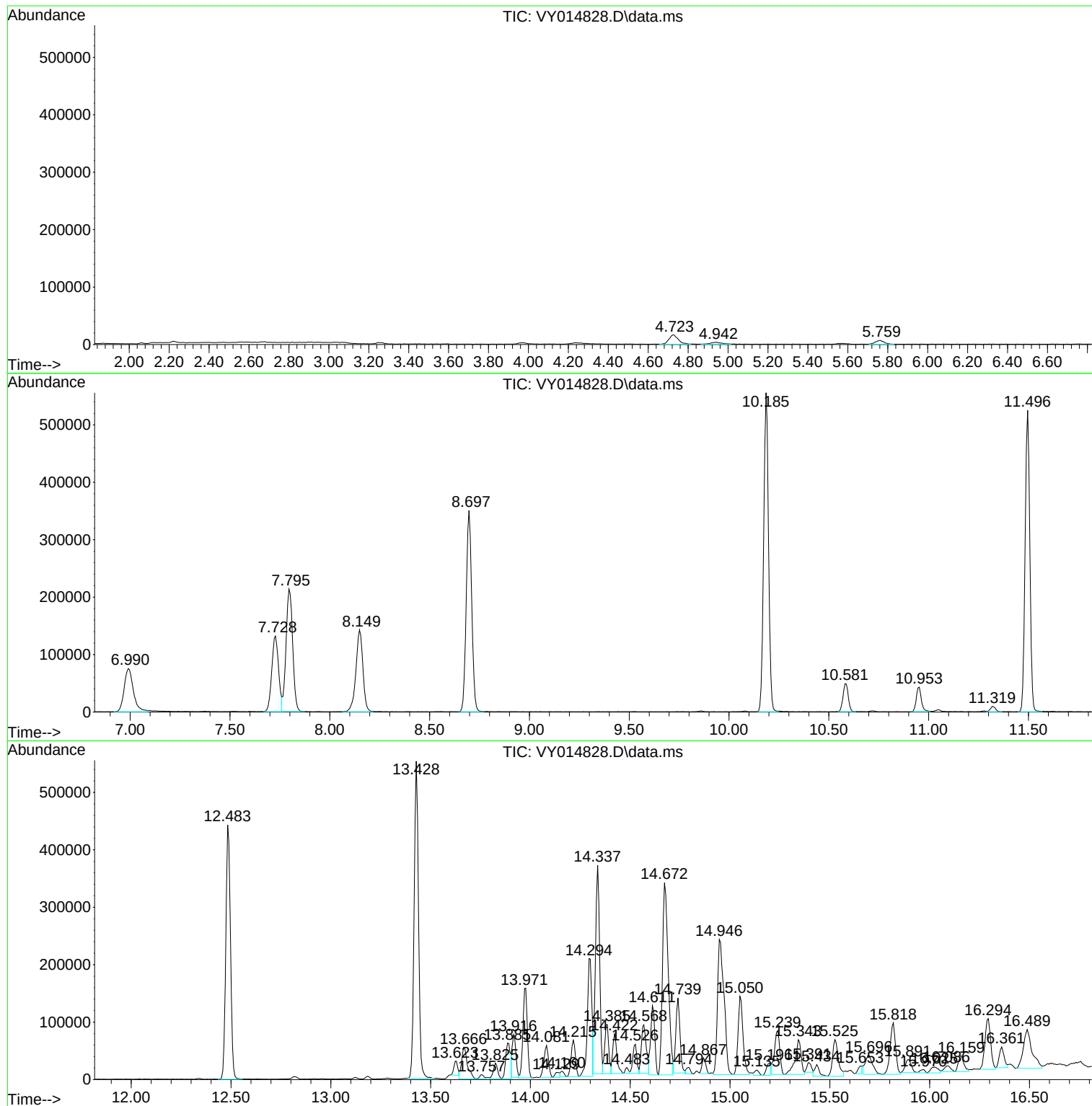
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
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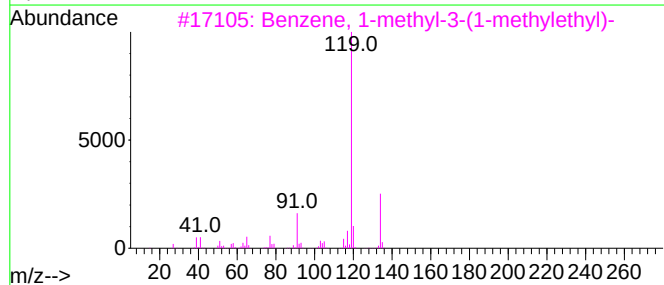
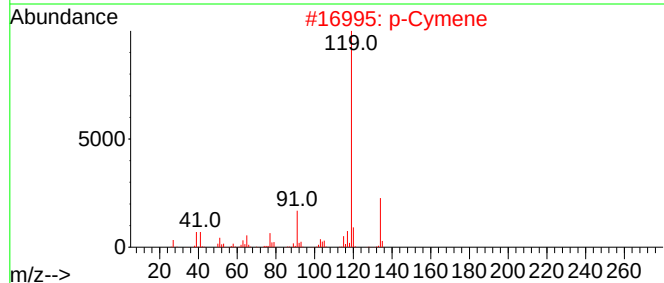
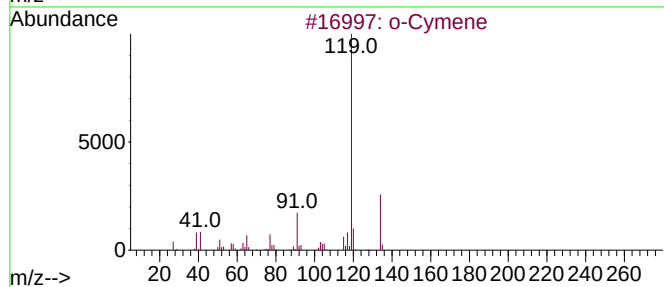
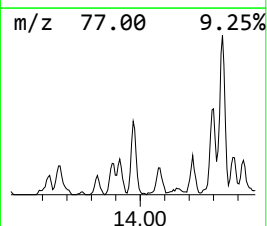
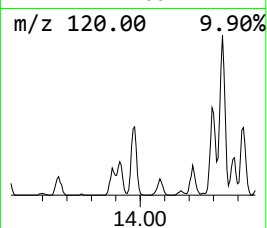
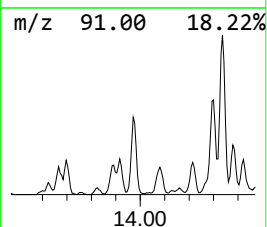
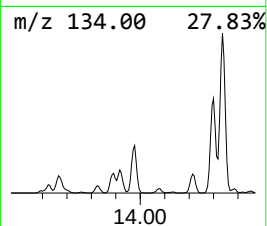
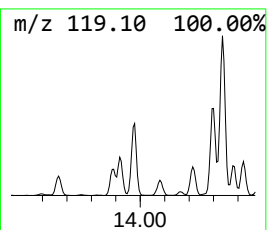
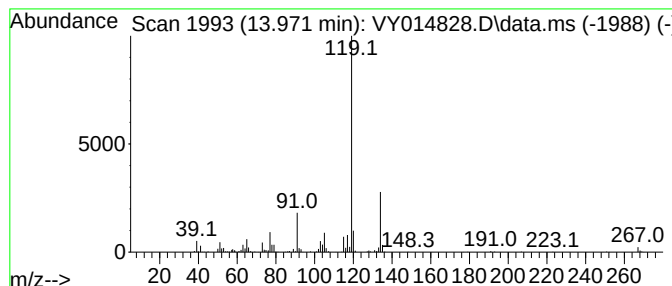
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	14.15 ug/l	237688	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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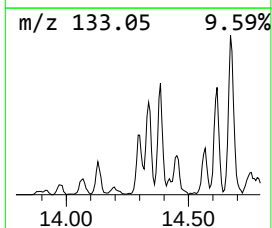
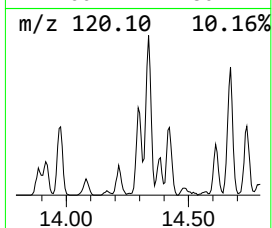
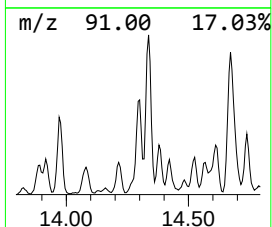
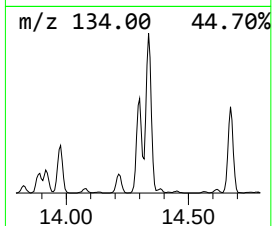
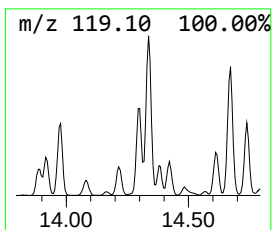
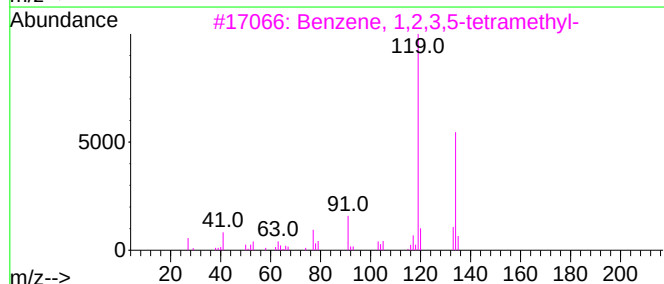
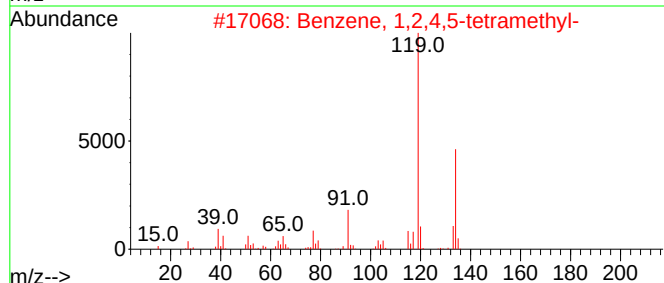
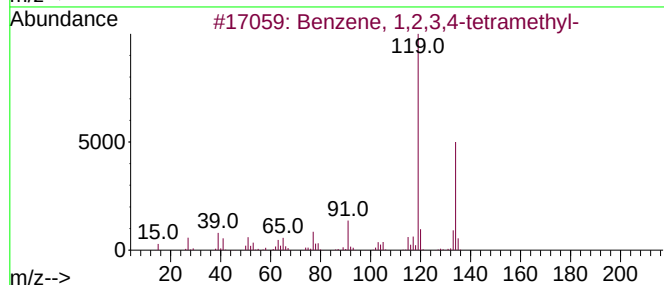
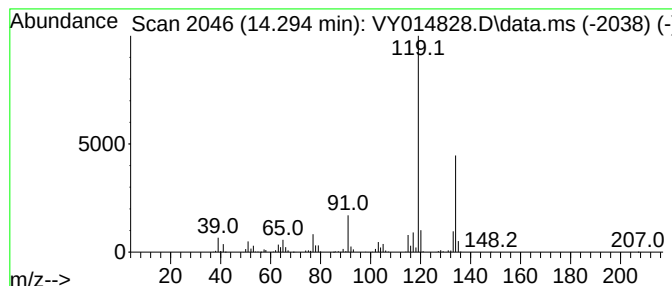
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	19.13 ug/l	321241	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	96
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
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Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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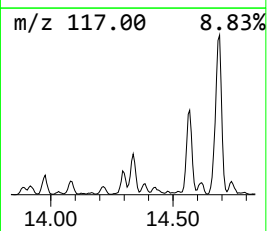
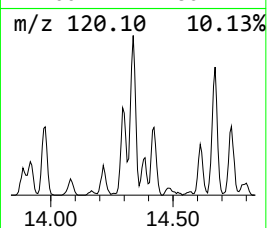
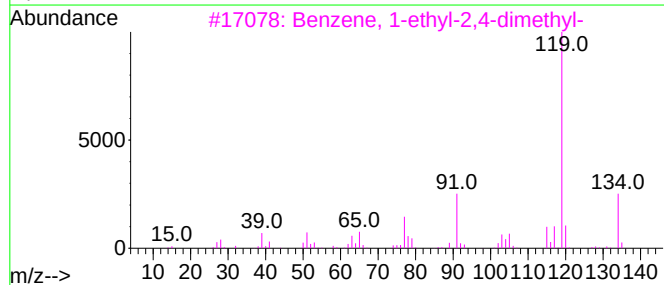
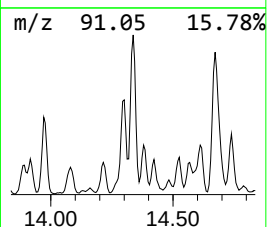
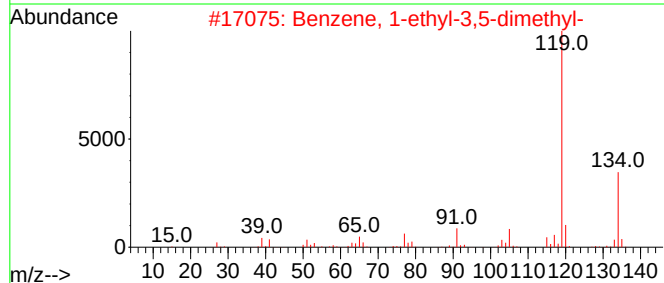
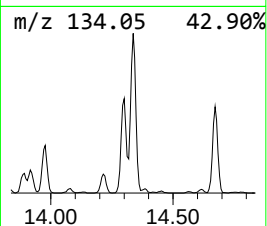
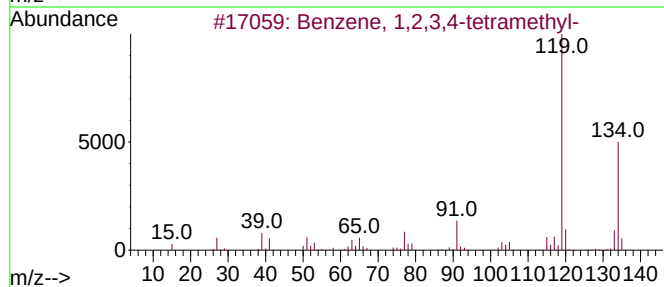
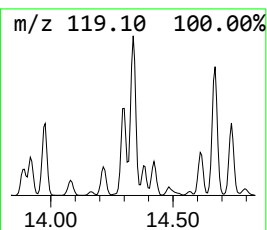
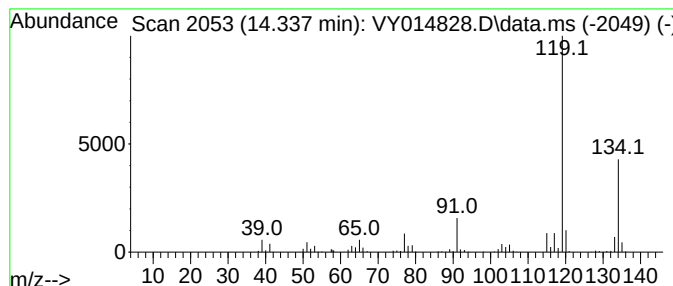
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.337	31.55 ug/l	529931	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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



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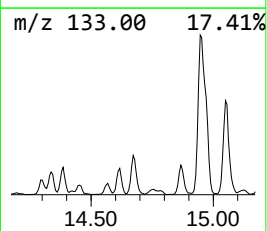
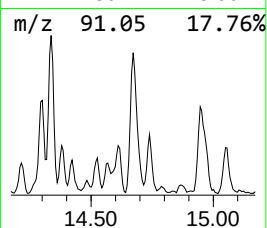
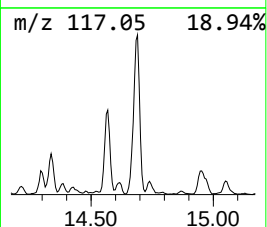
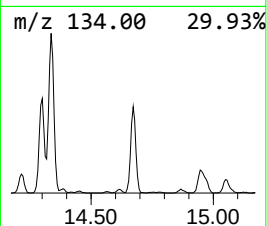
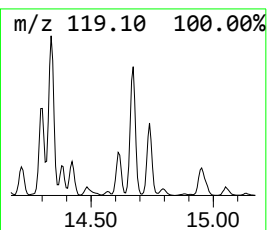
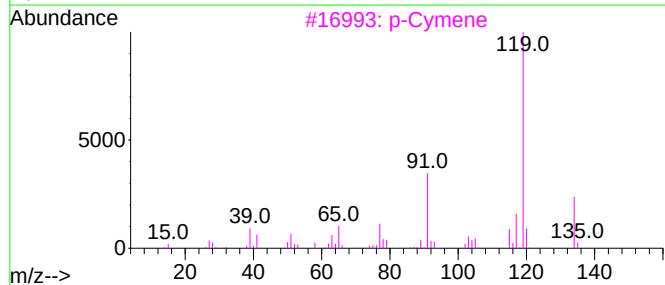
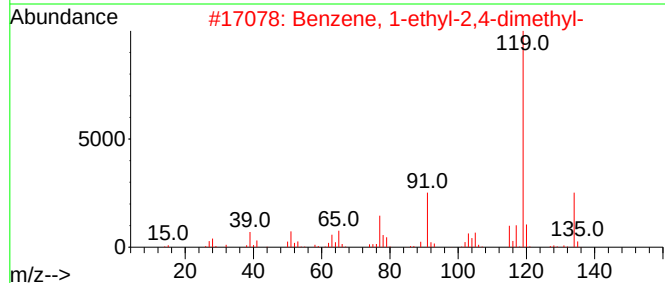
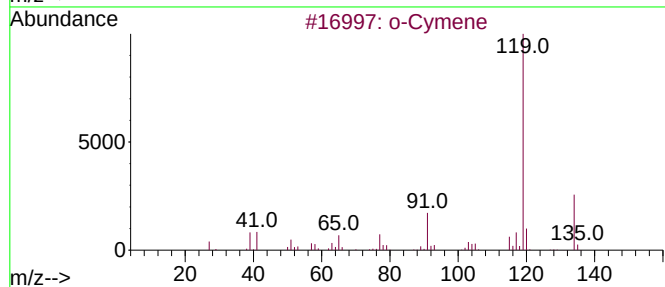
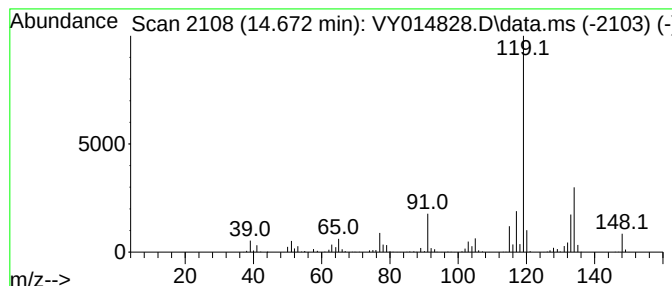
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	40.15 ug/l	674275	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3			p-Cymene	134	C10H14	000099-87-6	87
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87



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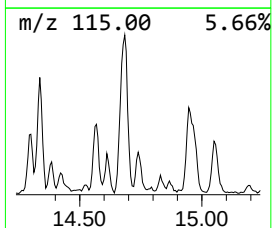
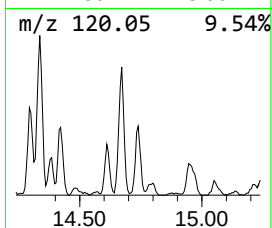
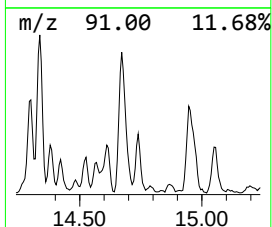
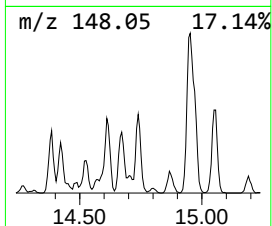
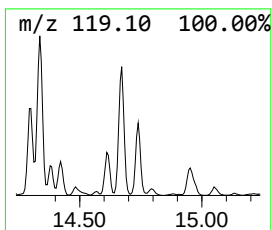
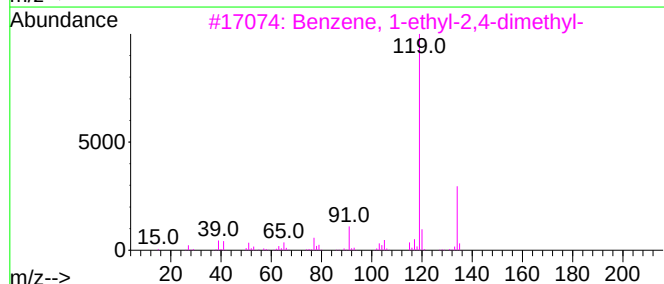
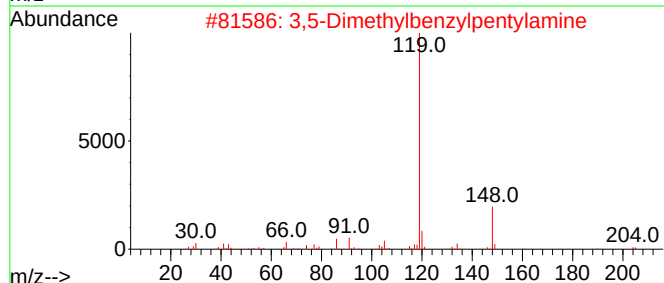
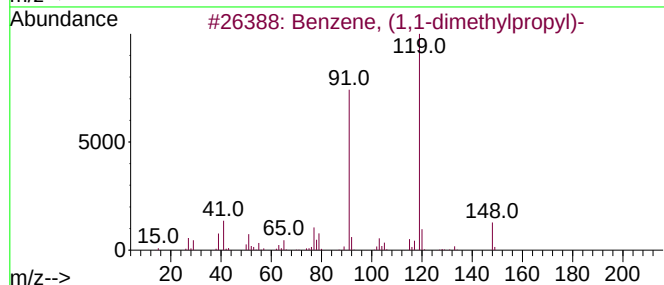
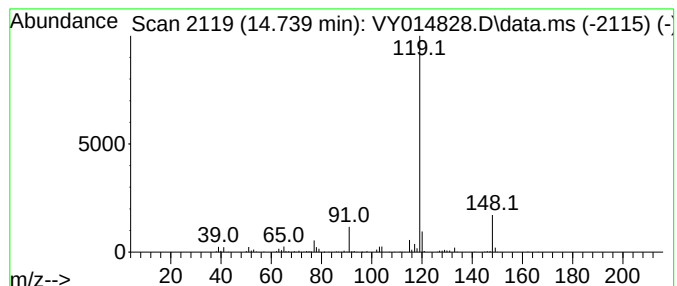
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1,1-dimethylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	11.21 ug/l	188246	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
2			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	72
5			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014828.D
Acq On : 26 Jul 2023 02:22
Operator : SY/MD
Sample : 03741-09
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

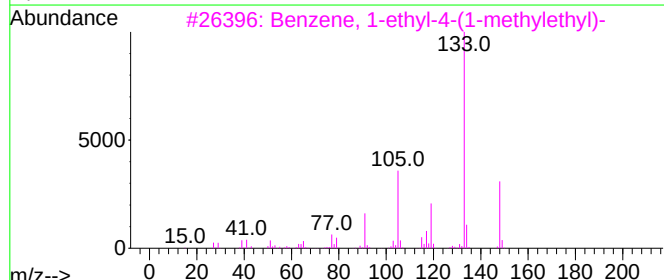
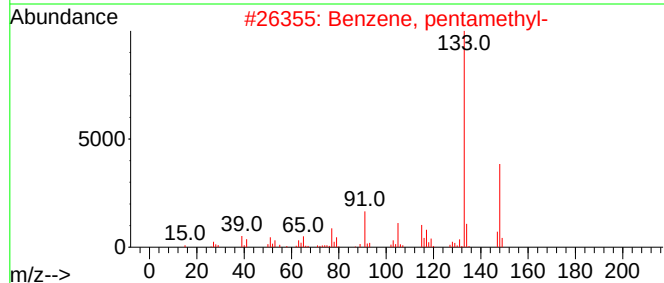
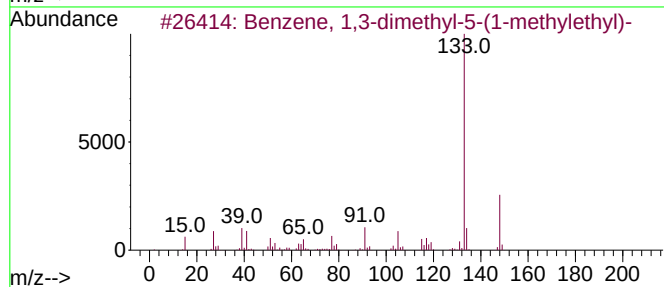
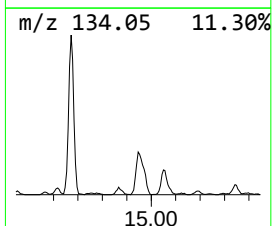
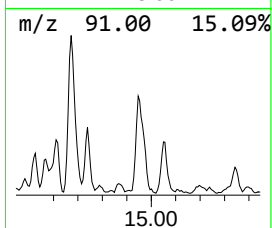
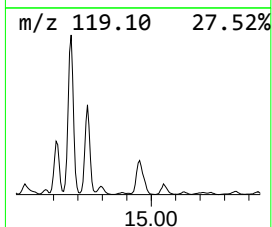
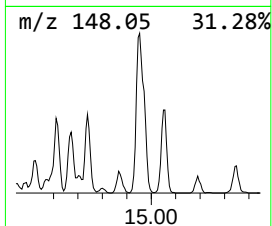
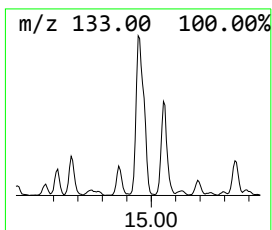
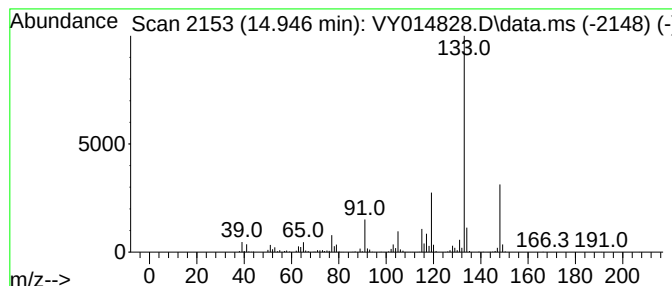
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	31.46 ug/l	528423	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	93
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014828.D
Acq On : 26 Jul 2023 02:22
Operator : SY/MD
Sample : 03741-09
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

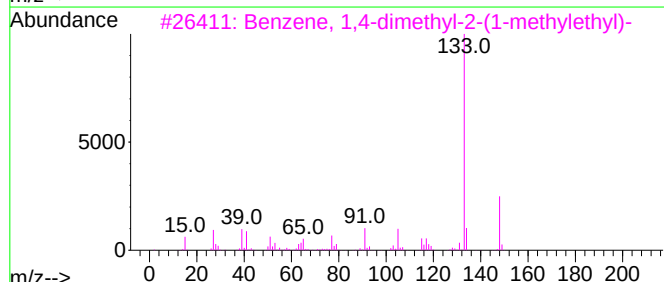
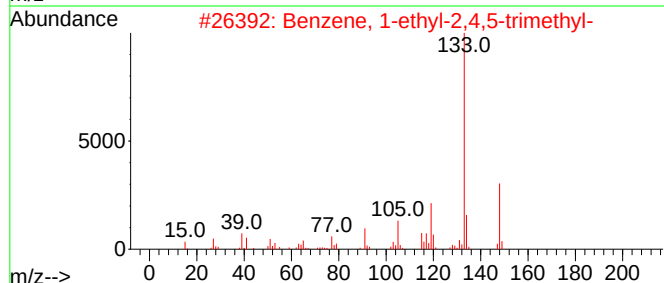
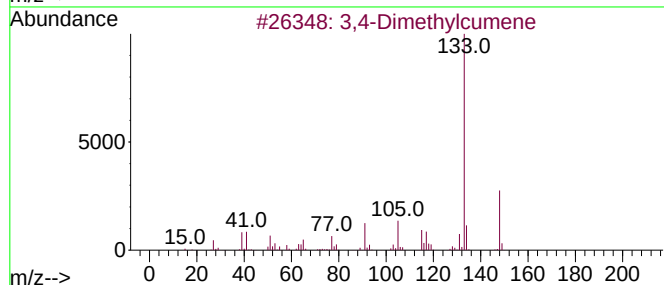
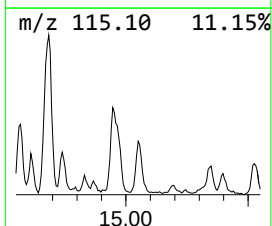
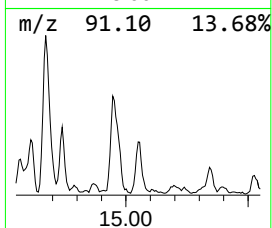
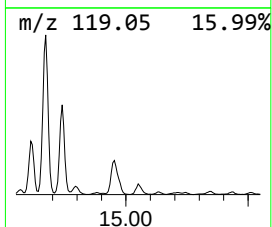
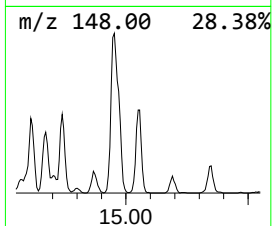
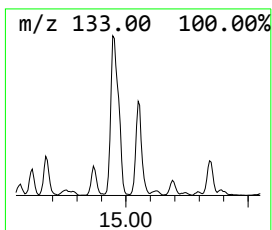
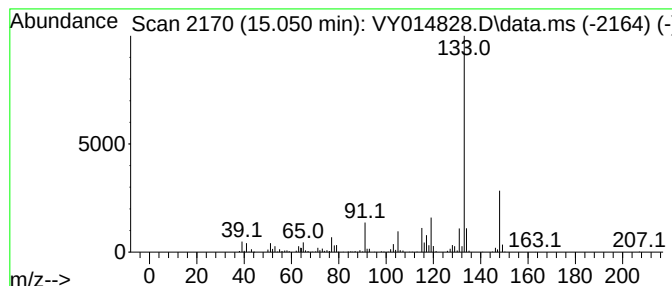
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 8 3,4-Dimethylcumene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	13.88 ug/l	233057	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	90
3			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014828.D
Acq On : 26 Jul 2023 02:22
Operator : SY/MD
Sample : 03741-09
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P26B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.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
o-Cymene	13.971	14.2	ug/l	237688	4	13.428	839739	50.0
Benzene, 1,2,3,...	14.294	19.1	ug/l	321241	4	13.428	839739	50.0
Benzene, 1-ethy...	14.337	31.6	ug/l	529931	4	13.428	839739	50.0
Benzene, 1-ethy...	14.672	40.1	ug/l	674275	4	13.428	839739	50.0
Benzene, (1,1-d...	14.739	11.2	ug/l	188246	4	13.428	839739	50.0
Benzene, 1,3-di...	14.946	31.5	ug/l	528423	4	13.428	839739	50.0
3,4-Dimethylcumene	15.050	13.9	ug/l	233057	4	13.428	839739	50.0