

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015603.D
 Acq On : 16 Sep 2023 05:31
 Operator : SY/MD
 Sample : 04419-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-08(33-35)

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\82Y082923S.M
 Title : SW846 8260

Signal : TIC: VY015603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	466	477	495	rBV	34488	113021	5.30%	0.456%
2	7.728	959	969	975	rBV	188373	456188	21.41%	1.839%
3	7.801	975	981	992	rVB	340338	766347	35.97%	3.090%
4	8.155	1029	1039	1051	rBV	204396	444258	20.85%	1.791%
5	8.697	1119	1128	1141	rBV	498102	988519	46.40%	3.986%
6	10.191	1365	1373	1383	rBV	774454	1332852	62.56%	5.374%
7	11.288	1544	1553	1564	rVB2	24812	55195	2.59%	0.223%
8	11.386	1564	1569	1578	rBV	20193	34949	1.64%	0.141%
9	11.496	1580	1587	1596	rBV	701389	1179713	55.37%	4.757%
10	11.709	1613	1622	1634	rBV2	85539	180510	8.47%	0.728%
11	12.038	1667	1676	1684	rBV2	46372	96105	4.51%	0.388%
12	12.398	1724	1735	1736	rBV5	22071	56734	2.66%	0.229%
13	12.447	1741	1743	1745	rVV2	19067	23931	1.12%	0.096%
14	12.489	1745	1750	1755	rVB	569270	869238	40.80%	3.505%
15	12.739	1784	1791	1795	rBV	661037	1057937	49.66%	4.266%
16	12.776	1795	1797	1800	rVV	279224	339029	15.91%	1.367%
17	12.819	1800	1804	1811	rVB	565741	852838	40.03%	3.439%
18	12.977	1823	1830	1838	rBV	314747	516197	24.23%	2.081%
19	13.123	1848	1854	1860	rBV	1404746	2130557	100.00%	8.591%
20	13.172	1860	1862	1867	rVB2	21236	30738	1.44%	0.124%
21	13.318	1879	1886	1891	rVB	77080	121365	5.70%	0.489%
22	13.373	1891	1895	1898	rBV2	44457	69704	3.27%	0.281%
23	13.434	1898	1905	1908	rVV	740466	1338932	62.84%	5.399%
24	13.465	1908	1910	1915	rVV	507217	616234	28.92%	2.485%
25	13.507	1915	1917	1925	rVB3	41459	61051	2.87%	0.246%
26	13.599	1926	1932	1933	rBV	212805	266081	12.49%	1.073%
27	13.629	1933	1937	1940	rVV2	643863	1002709	47.06%	4.043%
28	13.672	1940	1944	1953	rVB2	699592	1184431	55.59%	4.776%
29	13.757	1953	1958	1963	rBV3	75144	117147	5.50%	0.472%
30	13.831	1964	1970	1975	rVV	165566	247140	11.60%	0.996%
31	13.892	1975	1980	1982	rVV	334180	493486	23.16%	1.990%
32	13.922	1982	1985	1989	rVV	365303	511956	24.03%	2.064%
33	13.977	1989	1994	2000	rVV	719041	1035900	48.62%	4.177%
34	14.038	2000	2004	2007	rVV	48512	74062	3.48%	0.299%
35	14.087	2007	2012	2017	rVB	239939	369487	17.34%	1.490%
36	14.160	2017	2024	2028	rVB5	28723	59553	2.80%	0.240%

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37	14.221	2028	2034	2039	rBV	141680	226704	10.64%	0.914%
38	14.300	2039	2047	2050	rVV	361087	587077	27.56%	2.367%
39	14.343	2050	2054	2058	rVV	491910	725820	34.07%	2.927%
40	14.385	2058	2061	2065	rVV2	154320	228171	10.71%	0.920%
41	14.428	2065	2068	2074	rVV	87267	126496	5.94%	0.510%
42	14.483	2074	2077	2080	rVV	26423	38010	1.78%	0.153%
43	14.526	2080	2084	2087	rVV	104300	145564	6.83%	0.587%
44	14.568	2087	2091	2096	rVV	313547	518446	24.33%	2.090%
45	14.617	2096	2099	2103	rVB	126139	168053	7.89%	0.678%
46	14.690	2103	2111	2116	rBV3	451959	975229	45.77%	3.932%
47	14.745	2116	2120	2126	rVB2	103739	168543	7.91%	0.680%
48	14.837	2131	2135	2139	rBV	49435	71117	3.34%	0.287%
49	14.916	2143	2148	2149	rBV2	23745	35245	1.65%	0.142%
50	14.952	2149	2154	2157	rBV2	106172	175580	8.24%	0.708%
51	15.062	2165	2172	2182	rVB2	85146	180852	8.49%	0.729%
52	15.239	2190	2201	2207	rBV	238905	439467	20.63%	1.772%
53	15.355	2214	2220	2224	rVV3	42546	74313	3.49%	0.300%
54	15.403	2224	2228	2231	rVV	23545	38586	1.81%	0.156%
55	15.440	2232	2234	2242	rVB6	17677	25129	1.18%	0.101%
56	15.531	2243	2249	2256	rBV	52882	96786	4.54%	0.390%
57	15.702	2266	2277	2279	rBV4	28812	74534	3.50%	0.301%
58	15.824	2293	2297	2301	rBV2	14034	24122	1.13%	0.097%
59	15.897	2303	2309	2325	rVB4	23688	68216	3.20%	0.275%
60	16.300	2368	2375	2391	rVB	149296	310155	14.56%	1.251%
61	16.495	2400	2407	2418	rVB	85779	184969	8.68%	0.746%

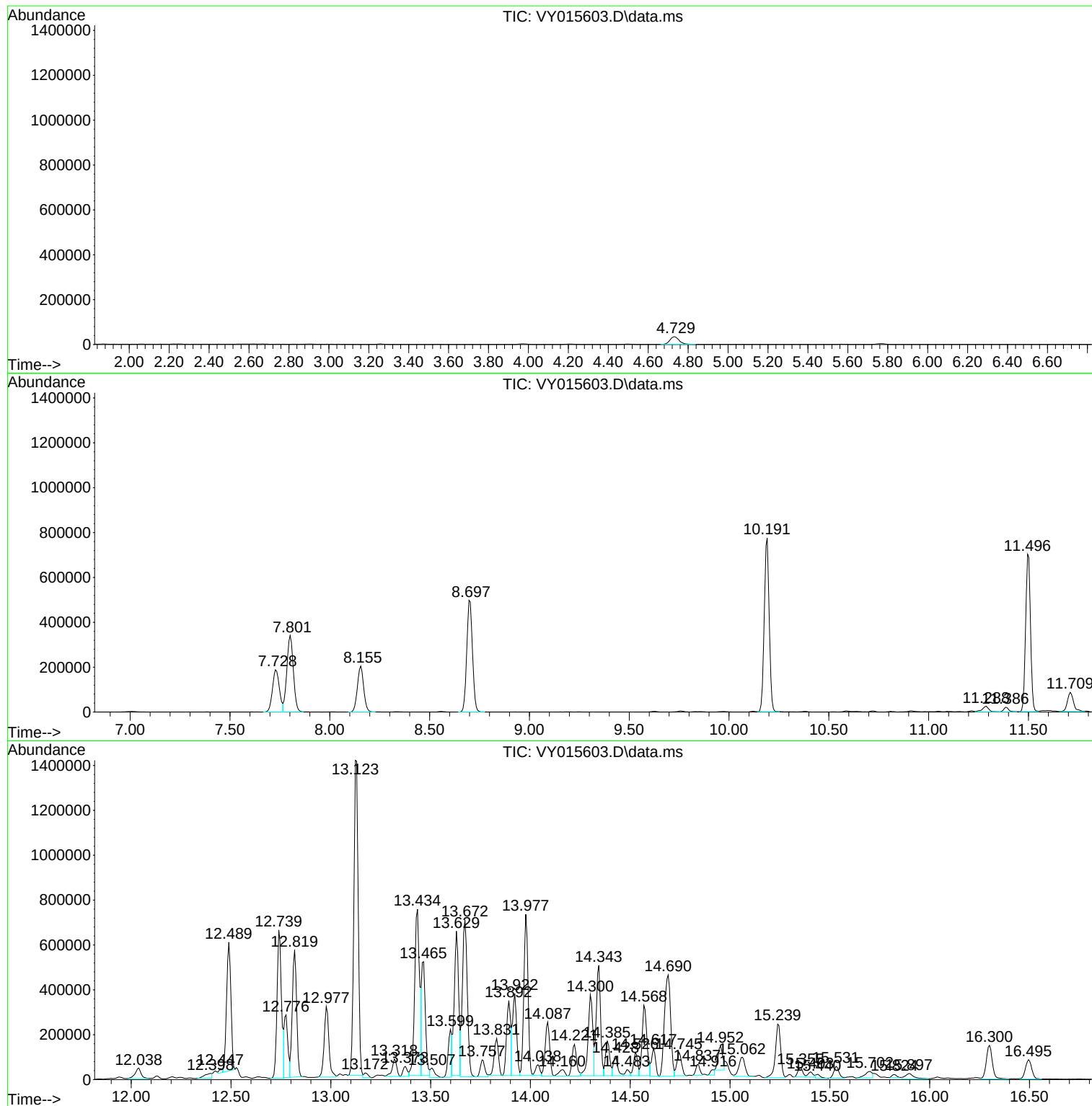
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
DB-08(33-35)

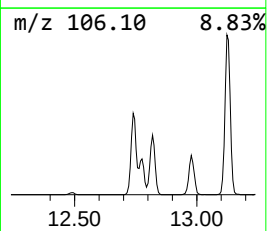
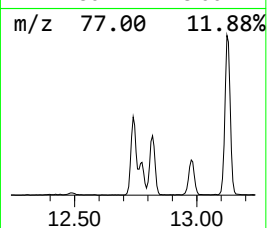
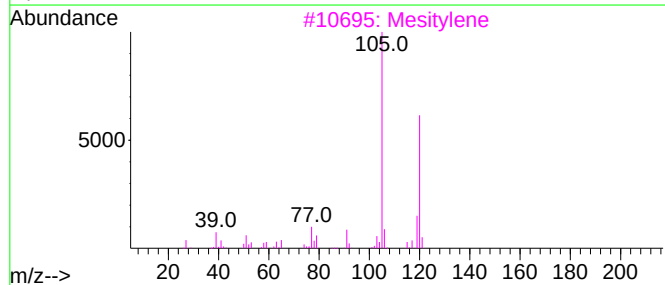
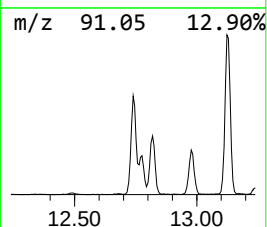
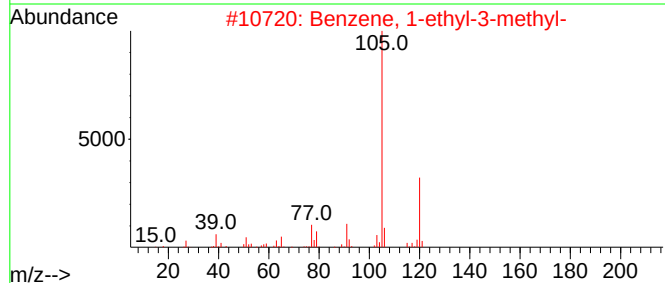
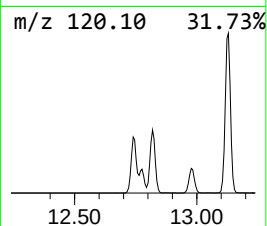
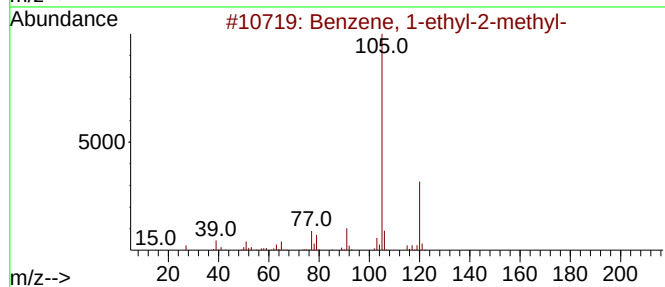
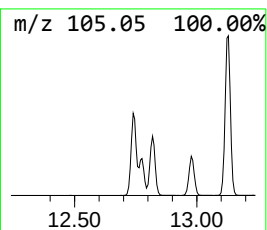
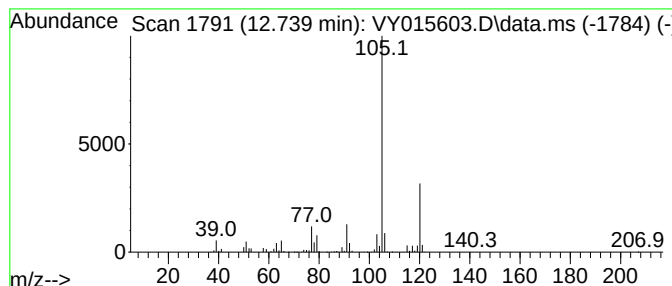
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	39.51 ug/l	1057940	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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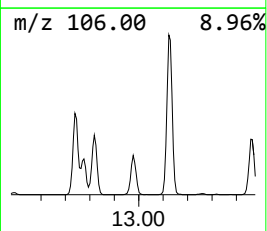
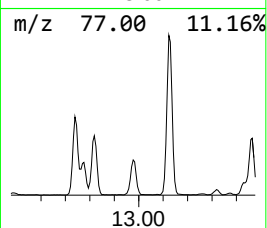
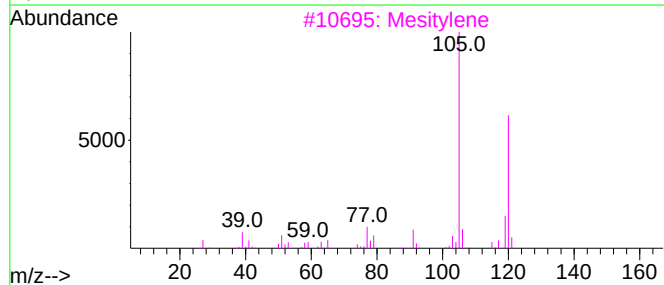
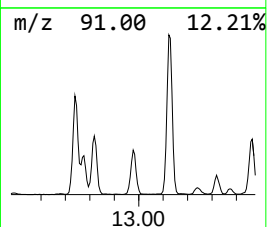
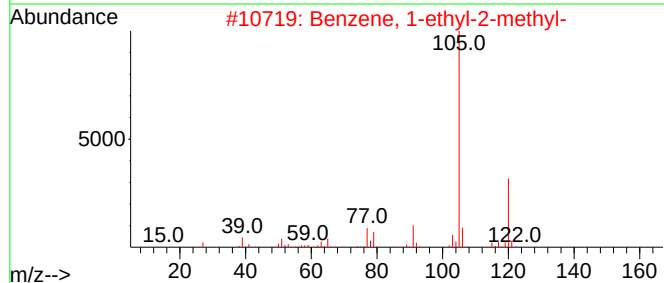
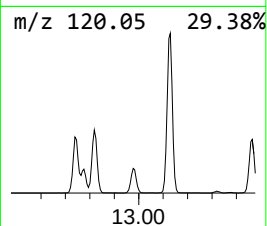
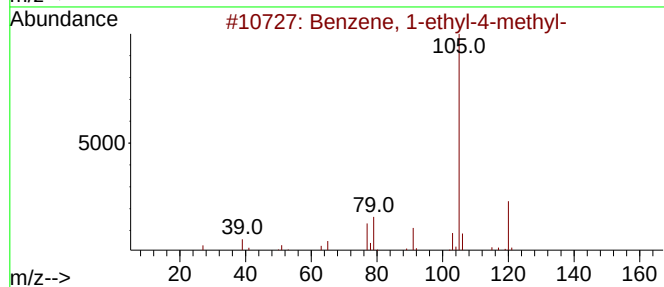
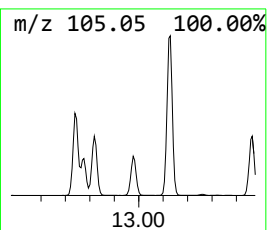
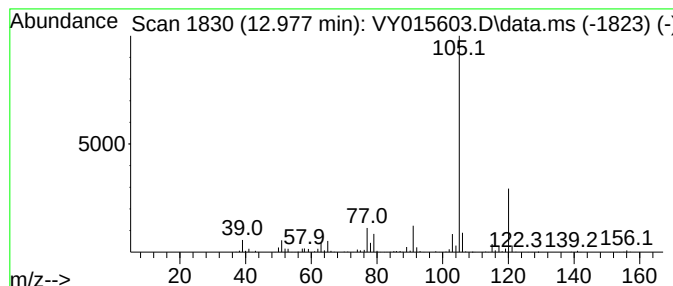
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	19.28 ug/l	516197	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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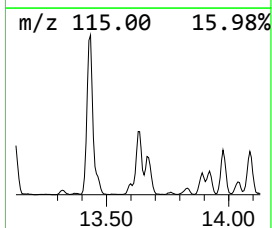
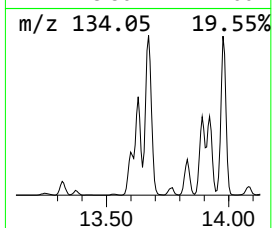
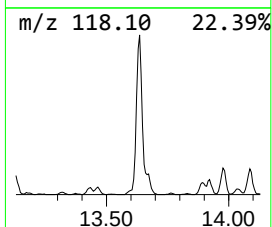
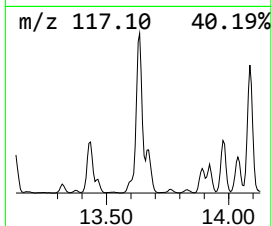
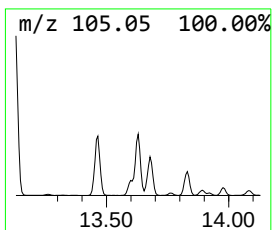
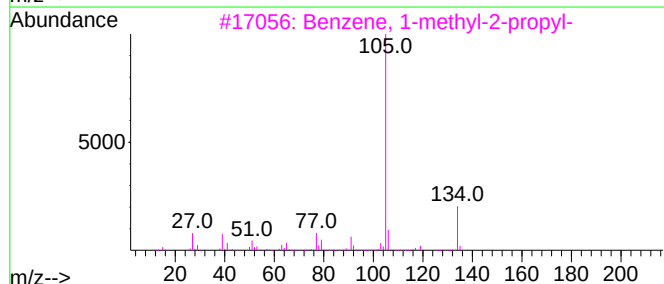
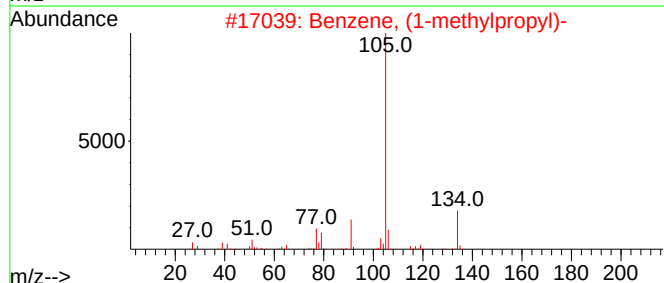
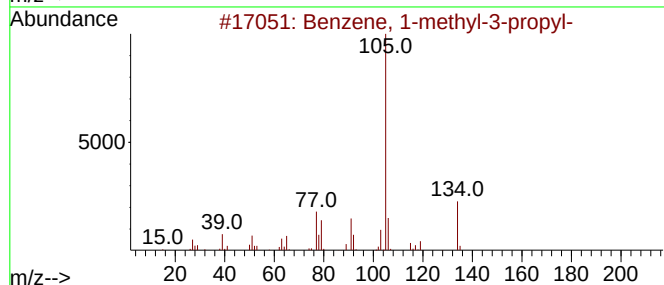
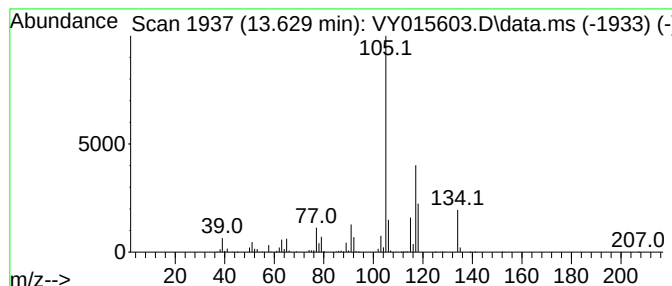
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	37.44 ug/l	1002710	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	30



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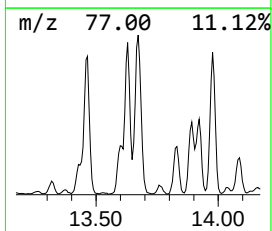
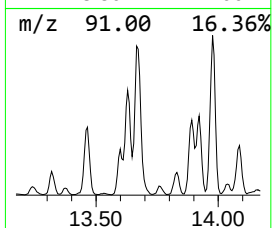
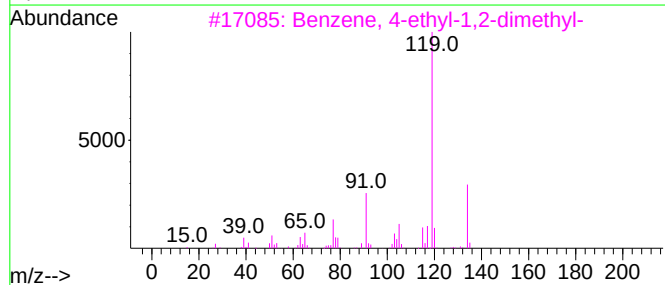
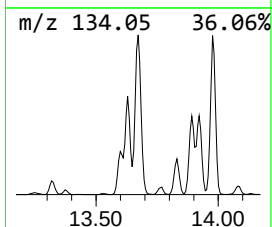
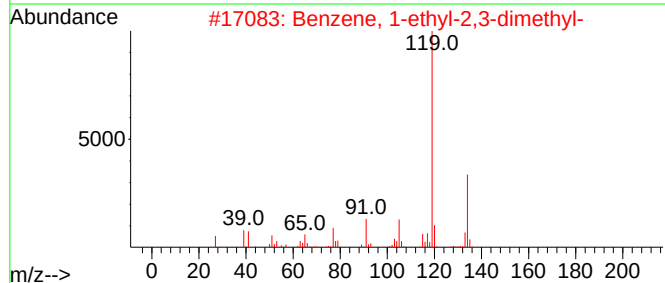
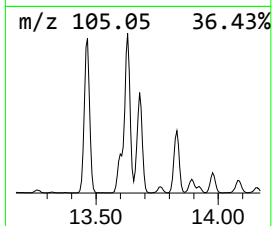
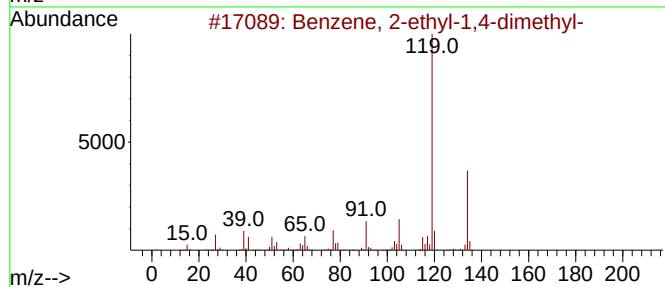
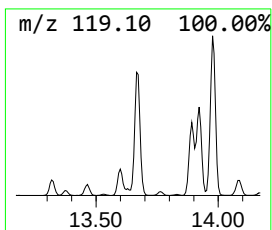
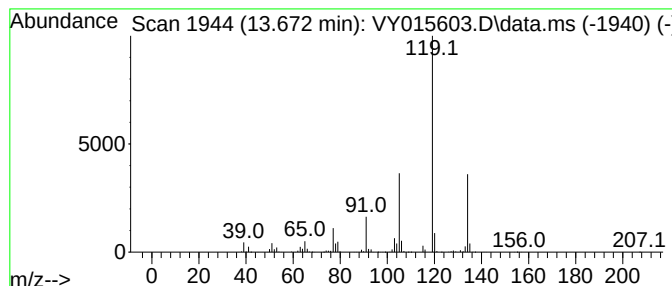
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	44.23 ug/l	1184430	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	87
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



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DB-08(33-35)

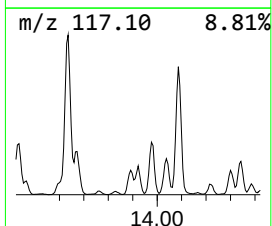
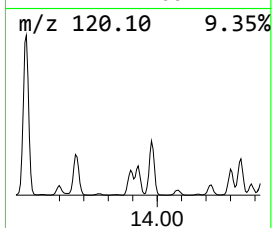
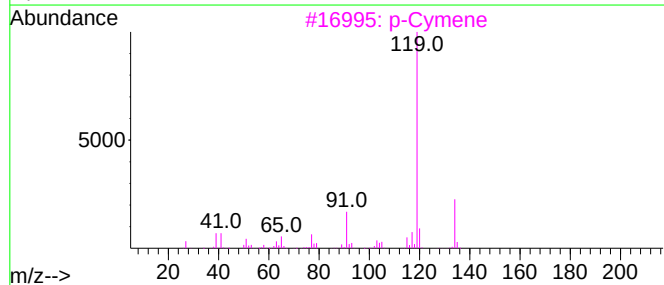
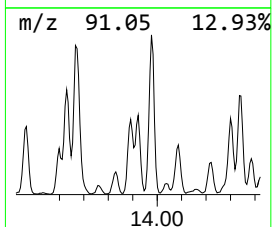
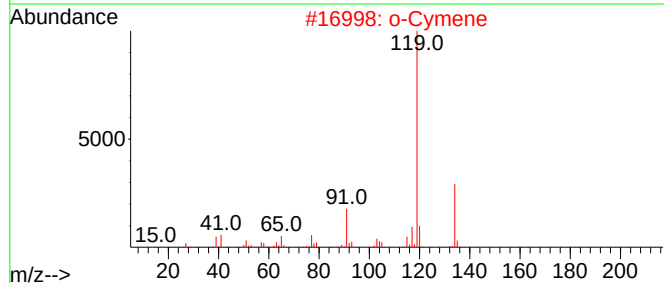
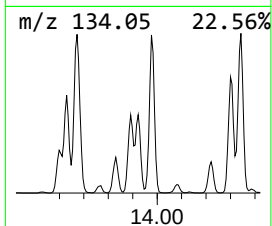
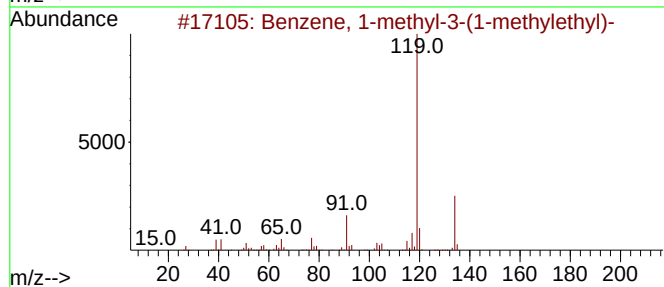
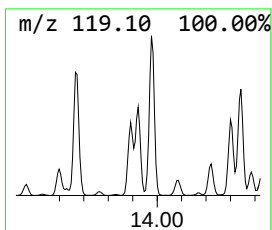
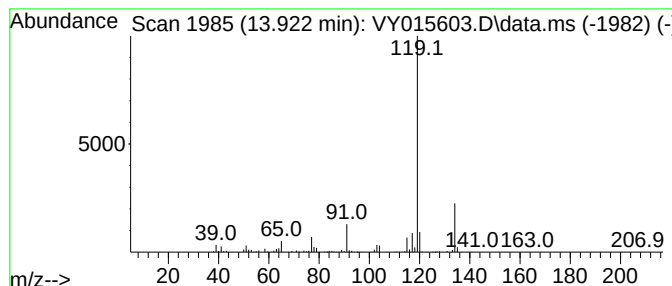
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	19.12 ug/l	511956	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

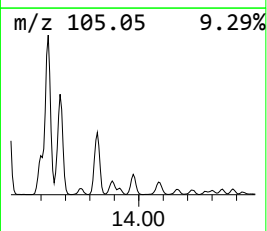
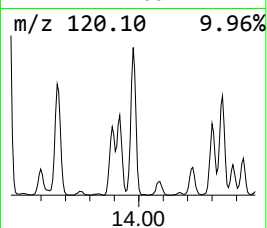
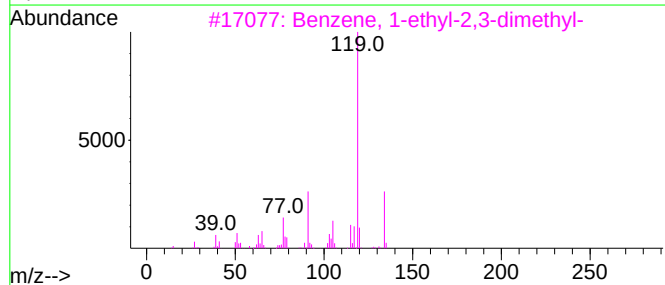
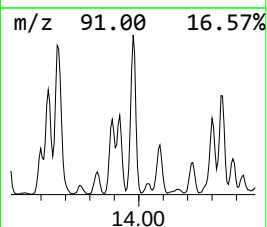
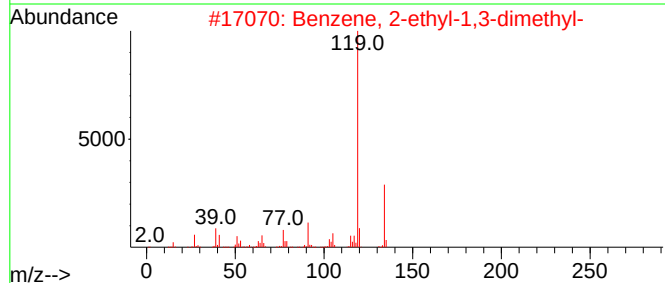
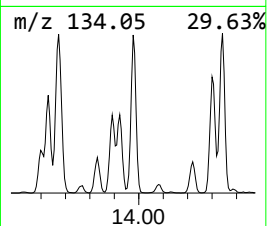
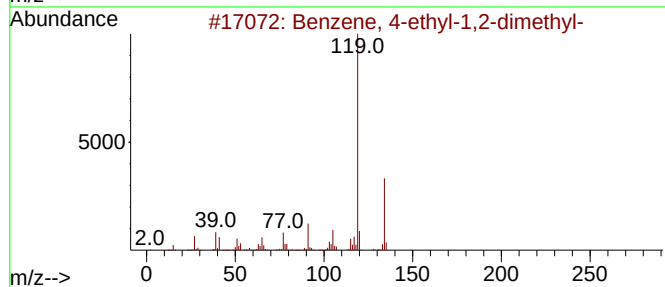
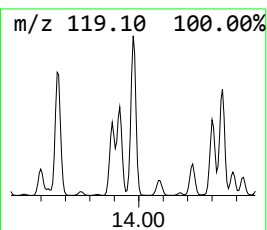
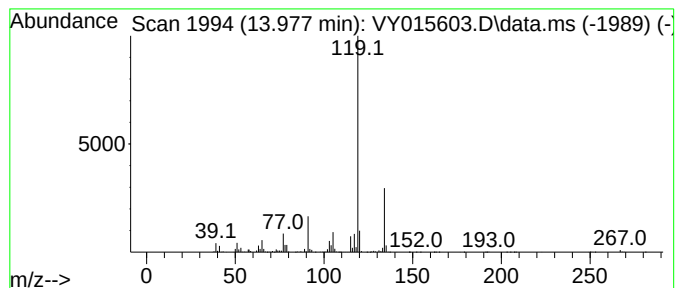
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	38.68 ug/l	1035900	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

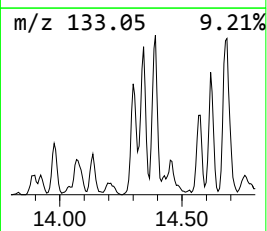
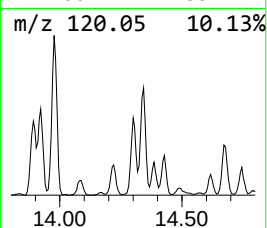
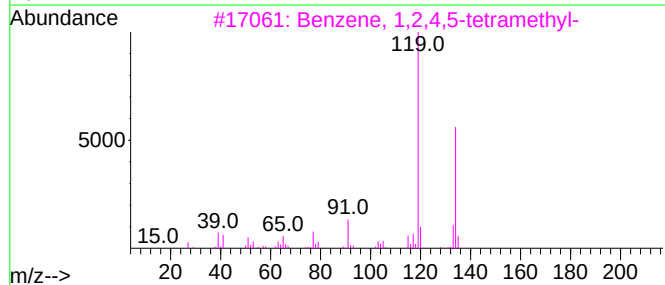
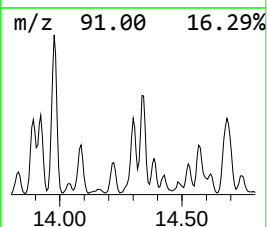
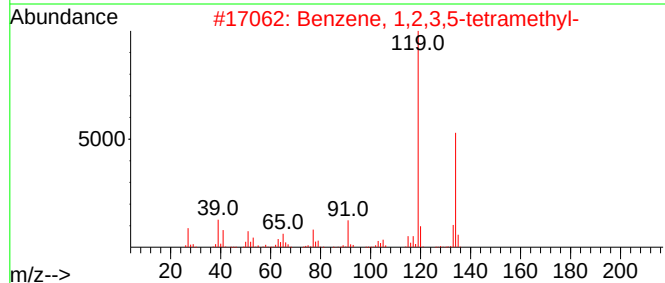
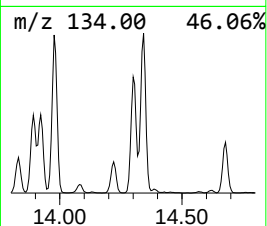
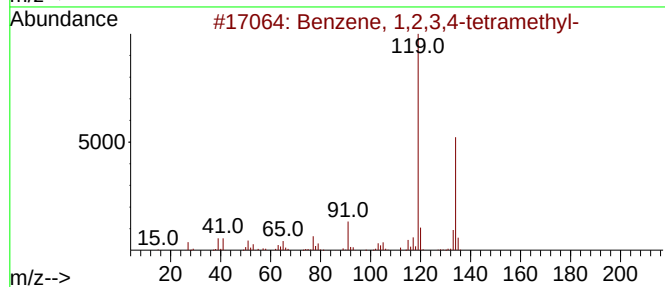
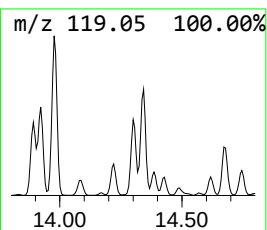
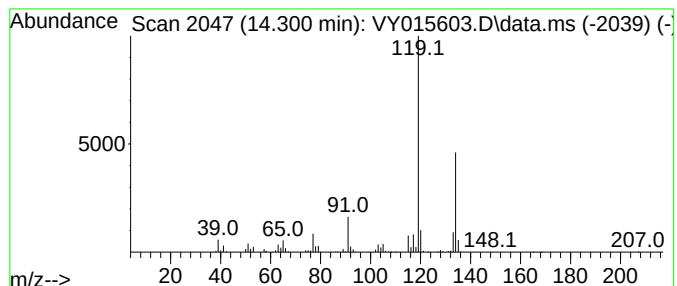
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	21.92 ug/l	587077	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

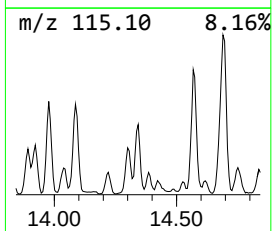
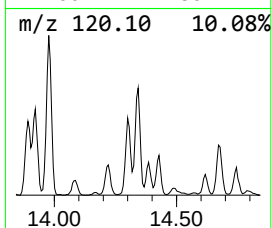
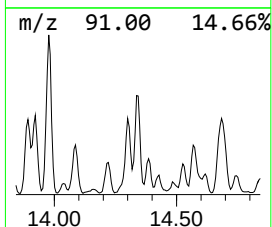
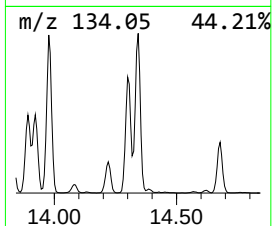
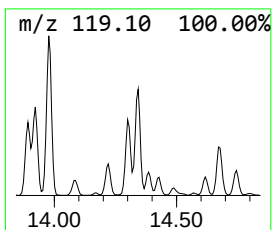
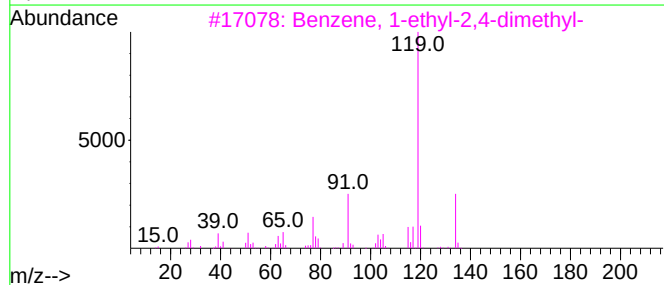
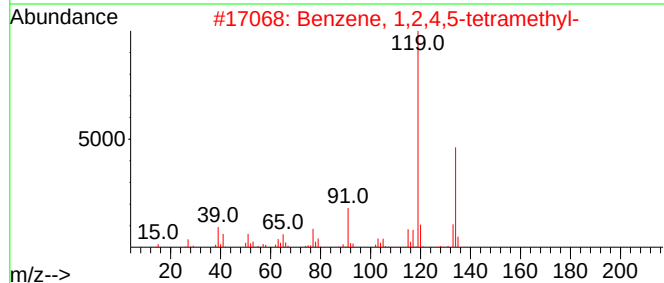
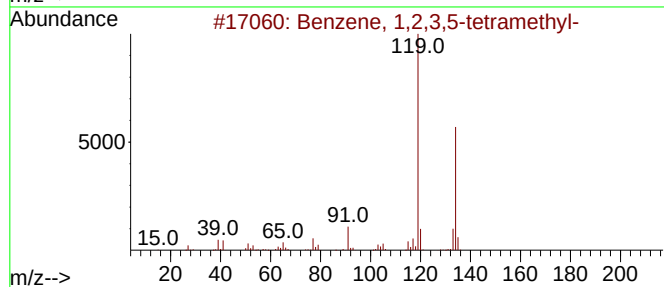
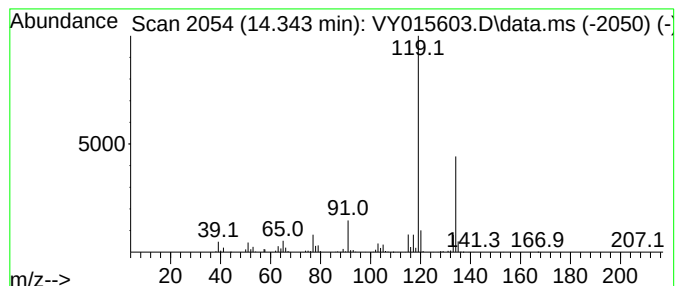
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.343	27.10 ug/l	725820	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	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

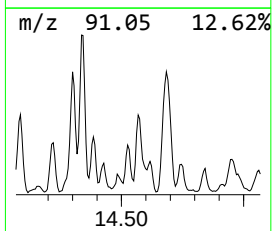
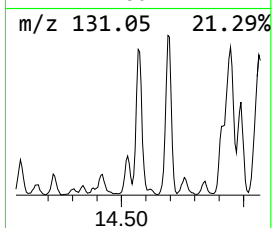
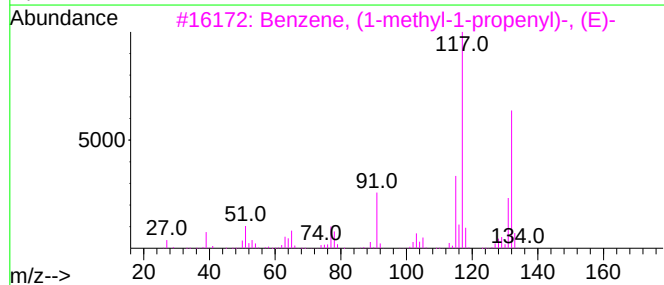
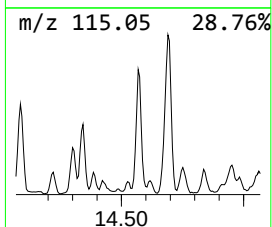
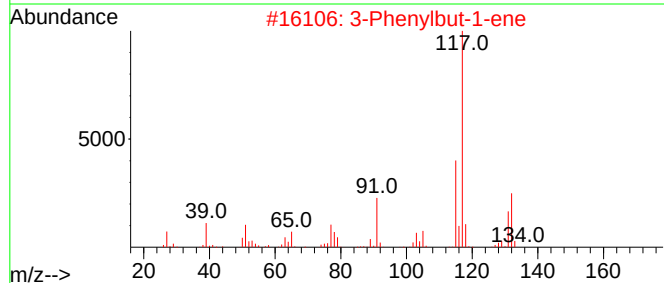
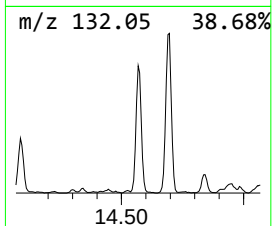
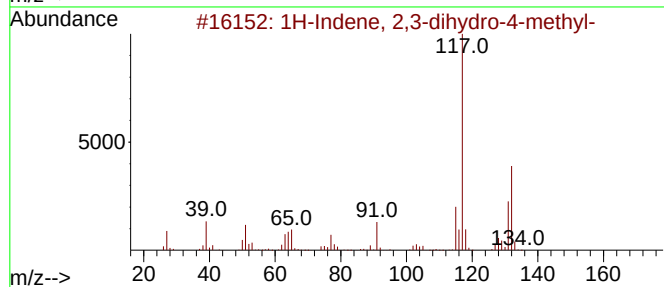
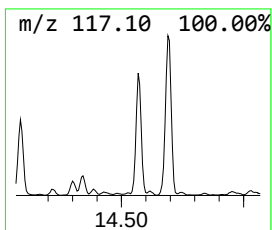
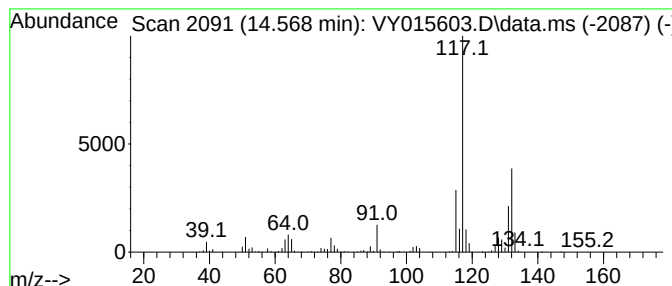
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	19.36 ug/l	518446	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

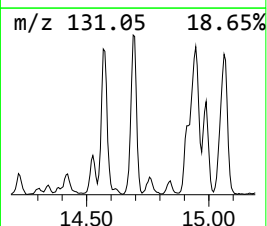
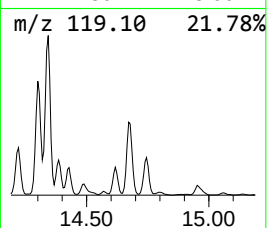
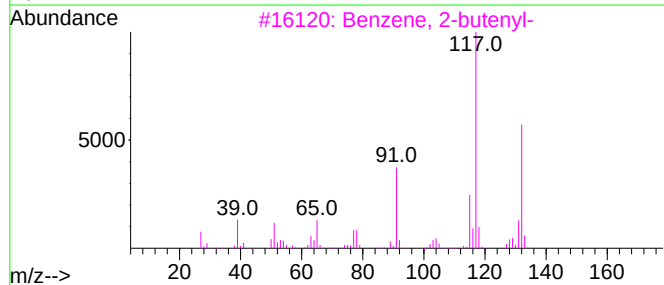
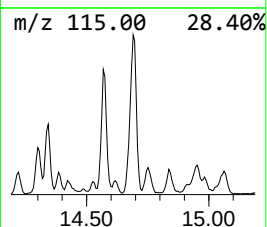
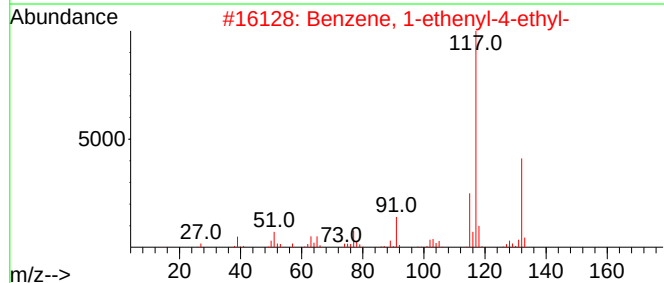
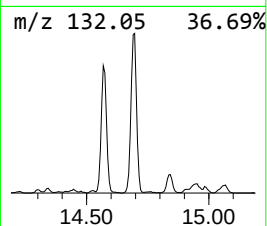
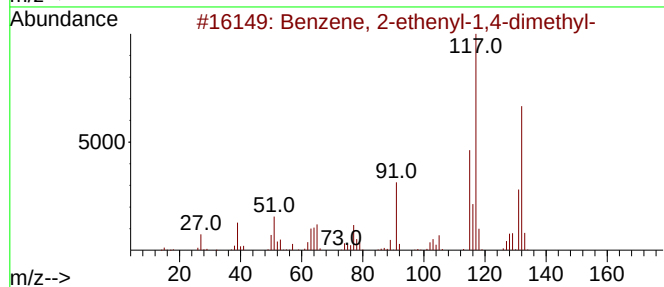
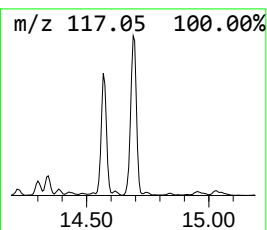
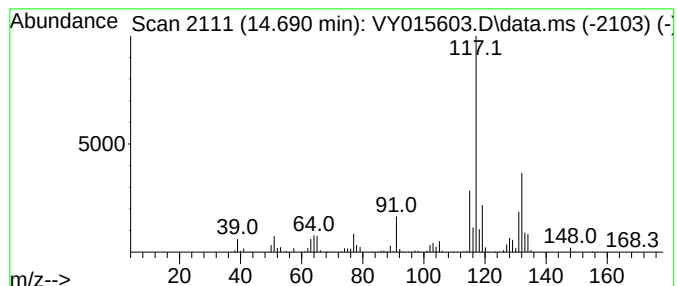
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	36.42 ug/l	975229	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015603.D
Acq On : 16 Sep 2023 05:31
Operator : SY/MD
Sample : 04419-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-08(33-35)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.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
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Benzene, 1-ethy...	12.977	19.3	ug/l	516197	4	13.434	1338930	50.0
Benzene, 1-meth...	13.629	37.4	ug/l	1002710	4	13.434	1338930	50.0
Benzene, 2-ethy...	13.672	44.2	ug/l	1184430	4	13.434	1338930	50.0
Benzene, 1-meth...	13.922	19.1	ug/l	511956	4	13.434	1338930	50.0
Benzene, 4-ethy...	13.977	38.7	ug/l	1035900	4	13.434	1338930	50.0
Benzene, 1,2,3,...	14.300	21.9	ug/l	587077	4	13.434	1338930	50.0
Benzene, 1,2,3,...	14.343	27.1	ug/l	725820	4	13.434	1338930	50.0
1H-Indene, 2,3-...	14.568	19.4	ug/l	518446	4	13.434	1338930	50.0
Benzene, 1-ethe...	14.690	36.4	ug/l	975229	4	13.434	1338930	50.0