

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016952.D
 Acq On : 09 Jan 2024 16:34
 Operator : SY/MD
 Sample : P1067-06
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-B-GRAB

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\82Y010224S.M
 Title : SW846 8260

Signal : TIC: VY016952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.746	467	480	500	rBV4	36097	175551	2.75%	0.262%
2	5.265	553	565	581	rVB3	18131	69570	1.09%	0.104%
3	6.819	811	820	829	rVB2	23650	69573	1.09%	0.104%
4	7.740	960	971	975	rBV	71072	177879	2.79%	0.265%
5	7.807	975	982	990	rVV2	186176	484133	7.59%	0.721%
6	7.892	990	996	1007	rVB2	58730	149145	2.34%	0.222%
7	8.020	1007	1017	1032	rBV	65941	161045	2.53%	0.240%
8	8.160	1032	1040	1054	rBV2	77669	201554	3.16%	0.300%
9	8.343	1054	1070	1081	rBV	303428	838833	13.16%	1.250%
10	8.563	1096	1106	1119	rVB	60229	138455	2.17%	0.206%
11	8.709	1121	1130	1143	rBV	299404	639258	10.03%	0.952%
12	9.203	1198	1211	1216	rBV2	184008	452501	7.10%	0.674%
13	9.258	1216	1220	1227	rVV	103248	195943	3.07%	0.292%
14	9.337	1227	1233	1237	rVV	36474	74378	1.17%	0.111%
15	9.477	1247	1256	1263	rVV4	36330	93644	1.47%	0.140%
16	9.630	1274	1281	1291	rVB	406044	782497	12.27%	1.166%
17	9.764	1291	1303	1310	rBV	558989	1245687	19.54%	1.856%
18	9.837	1310	1315	1318	rBV	147247	253335	3.97%	0.377%
19	9.971	1327	1337	1349	rBV	216767	563412	8.84%	0.839%
20	10.130	1357	1363	1368	rVB	230608	412570	6.47%	0.615%
21	10.197	1368	1374	1380	rBV	392291	730639	11.46%	1.089%
22	10.258	1380	1384	1389	rVB	79777	136169	2.14%	0.203%
23	10.386	1397	1405	1411	rVB3	236115	469512	7.37%	0.700%
24	10.630	1438	1445	1456	rBV5	118759	383990	6.02%	0.572%
25	10.727	1456	1461	1466	rVB	91692	164964	2.59%	0.246%
26	10.819	1466	1476	1481	rBV2	98407	197930	3.10%	0.295%
27	10.916	1481	1492	1500	rBV	164304	425261	6.67%	0.634%
28	11.105	1518	1523	1528	rBV2	78895	130523	2.05%	0.194%
29	11.160	1528	1532	1537	rVB3	50565	80467	1.26%	0.120%
30	11.221	1537	1542	1545	rBV2	89272	139564	2.19%	0.208%
31	11.294	1545	1554	1565	rVB3	426249	1080466	16.95%	1.610%
32	11.392	1565	1570	1580	rBV	356003	639233	10.03%	0.952%
33	11.507	1581	1589	1594	rVV2	406410	748357	11.74%	1.115%
34	11.605	1597	1605	1614	rVV	784057	1449972	22.75%	2.160%
35	11.715	1614	1623	1634	rVV	3308431	6374730	100.00%	9.497%
36	11.794	1634	1636	1641	rVB	59535	79312	1.24%	0.118%

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37	11.946	1657	1661	1666	rBV3	82952	133940	2.10%	0.200%
38	12.044	1666	1677	1685	rBV	833063	1681144	26.37%	2.505%
39	12.135	1685	1692	1696	rVB	154379	269813	4.23%	0.402%
40	12.215	1696	1705	1708	rBV3	136497	275437	4.32%	0.410%
41	12.251	1708	1711	1716	rVB5	87542	137993	2.16%	0.206%
42	12.349	1721	1727	1732	rBV	327575	640152	10.04%	0.954%
43	12.428	1737	1740	1742	rBV	74629	71272	1.12%	0.106%
44	12.452	1742	1744	1746	rBV2	91191	112060	1.76%	0.167%
45	12.538	1755	1758	1762	rVB	192239	233283	3.66%	0.348%
46	12.587	1762	1766	1771	rVB5	70823	127975	2.01%	0.191%
47	12.684	1771	1782	1786	rVB	344482	661593	10.38%	0.986%
48	12.745	1786	1792	1796	rBV	2014396	3347476	52.51%	4.987%
49	12.782	1796	1798	1801	rVV	1029525	1239853	19.45%	1.847%
50	12.824	1801	1805	1811	rVB2	1791629	2739464	42.97%	4.081%
51	12.983	1824	1831	1839	rBV	1173994	2068742	32.45%	3.082%
52	13.050	1839	1842	1846	rVV	226861	371244	5.82%	0.553%
53	13.135	1850	1856	1861	rVV	4208433	6108597	95.83%	9.101%
54	13.184	1861	1864	1869	rVB	122573	171650	2.69%	0.256%
55	13.239	1869	1873	1875	rBV3	91927	149509	2.35%	0.223%
56	13.300	1879	1883	1885	rVV	146455	245419	3.85%	0.366%
57	13.330	1885	1888	1892	rVV2	257474	426178	6.69%	0.635%
58	13.379	1892	1896	1899	rVV3	253564	406418	6.38%	0.606%
59	13.410	1899	1901	1903	rVV	128699	157395	2.47%	0.234%
60	13.471	1903	1911	1916	rVV	1195163	2389624	37.49%	3.560%
61	13.513	1916	1918	1925	rVB2	225410	287853	4.52%	0.429%
62	13.605	1925	1933	1935	rBV	410843	686166	10.76%	1.022%
63	13.635	1935	1938	1942	rVV2	1274168	2015017	31.61%	3.002%
64	13.678	1942	1945	1953	rVB2	1085729	1785080	28.00%	2.660%
65	13.763	1953	1959	1964	rBV3	671596	1072614	16.83%	1.598%
66	13.836	1964	1971	1975	rVV	277040	473455	7.43%	0.705%
67	13.897	1977	1981	1983	rVV	499231	743622	11.67%	1.108%
68	13.928	1983	1986	1991	rVV2	572314	842728	13.22%	1.256%
69	13.983	1991	1995	2000	rVV	1145751	1597924	25.07%	2.381%
70	14.037	2000	2004	2008	rVB2	150651	277173	4.35%	0.413%
71	14.092	2008	2013	2018	rVB	715644	1061709	16.65%	1.582%
72	14.159	2018	2024	2030	rVB5	172157	385367	6.05%	0.574%
73	14.226	2030	2035	2038	rBV2	277739	537884	8.44%	0.801%
74	14.306	2039	2048	2052	rVV3	519323	1557587	24.43%	2.321%
75	14.348	2052	2055	2059	rVV	644564	857844	13.46%	1.278%
76	14.391	2059	2062	2066	rVV2	402798	574603	9.01%	0.856%

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77	14.434	2066	2069	2073	rVB3	347292	445870	6.99%	0.664%
78	14.531	2082	2085	2088	rBV	138167	183351	2.88%	0.273%
79	14.580	2088	2093	2097	rVV2	367440	649025	10.18%	0.967%
80	14.623	2097	2100	2105	rVB	406455	568161	8.91%	0.846%
81	14.696	2105	2112	2116	rBV4	855444	1876881	29.44%	2.796%
82	14.745	2116	2120	2126	rVB2	535166	902949	14.16%	1.345%
83	14.848	2135	2137	2141	rVB2	87575	107846	1.69%	0.161%
84	14.958	2150	2155	2158	rBV2	305943	463781	7.28%	0.691%
85	15.068	2167	2173	2180	rBV3	228958	522060	8.19%	0.778%
86	15.226	2193	2199	2201	rBV2	356459	627403	9.84%	0.935%
87	15.452	2233	2236	2244	rVB6	113399	216490	3.40%	0.323%
88	15.623	2259	2264	2269	rVB2	196795	372060	5.84%	0.554%
89	16.171	2350	2354	2360	rVB3	64539	104622	1.64%	0.156%
90	16.305	2371	2376	2389	rVB	164040	360709	5.66%	0.537%
91	16.500	2402	2408	2422	rVB3	141434	386531	6.06%	0.576%

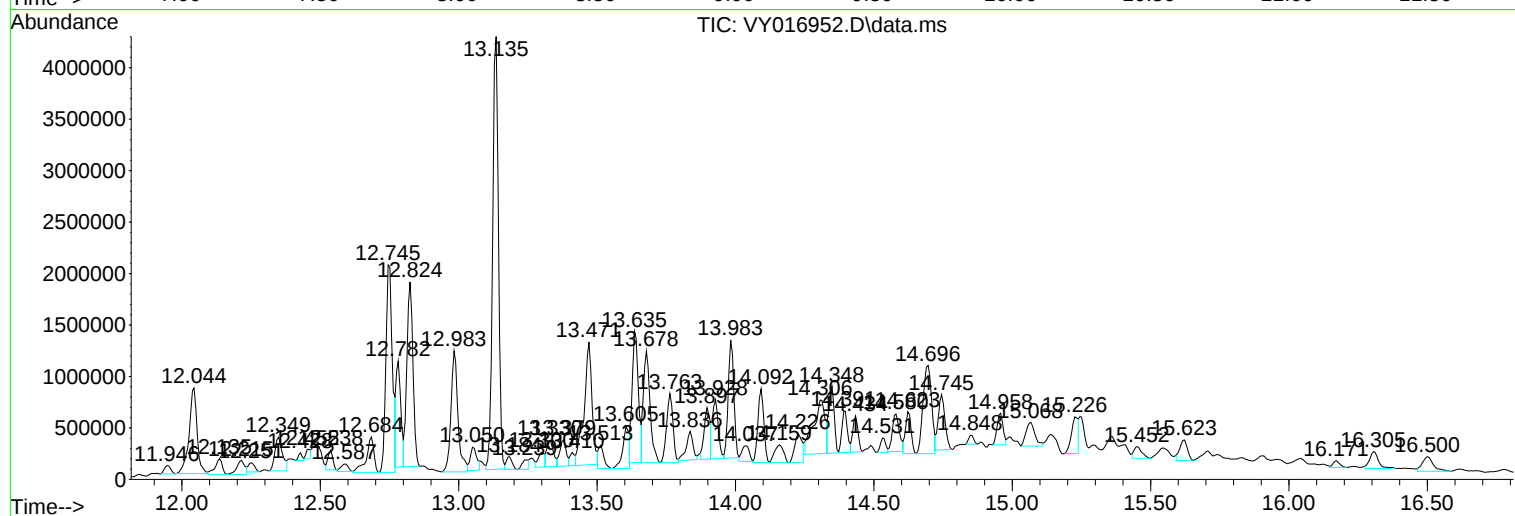
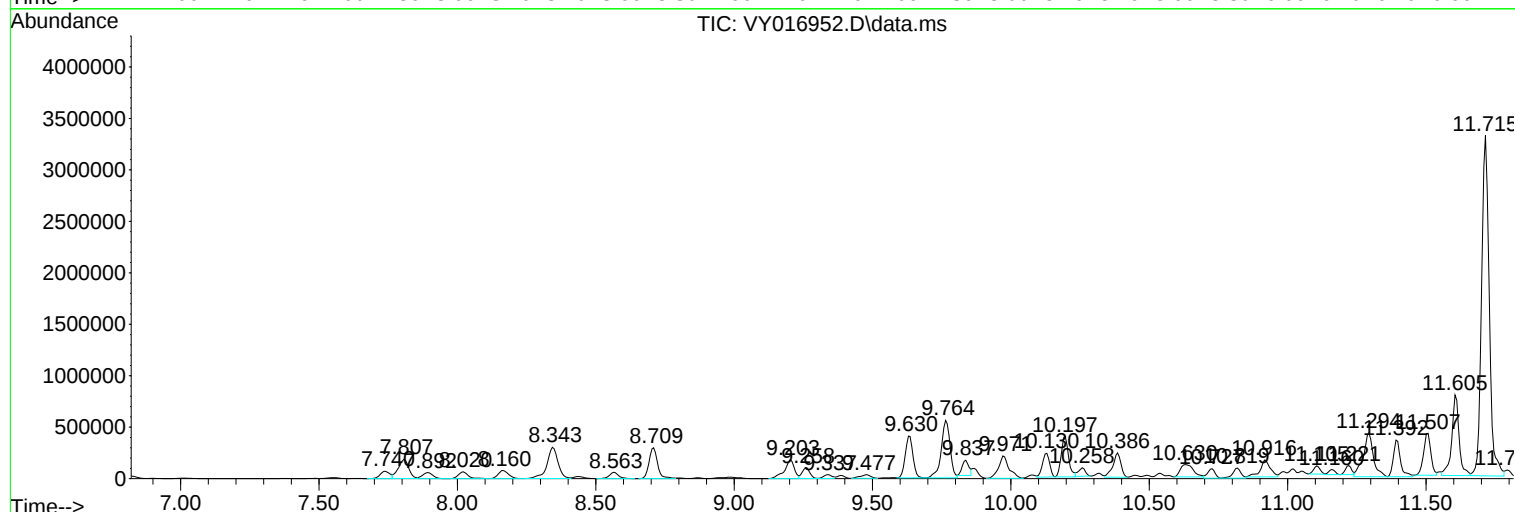
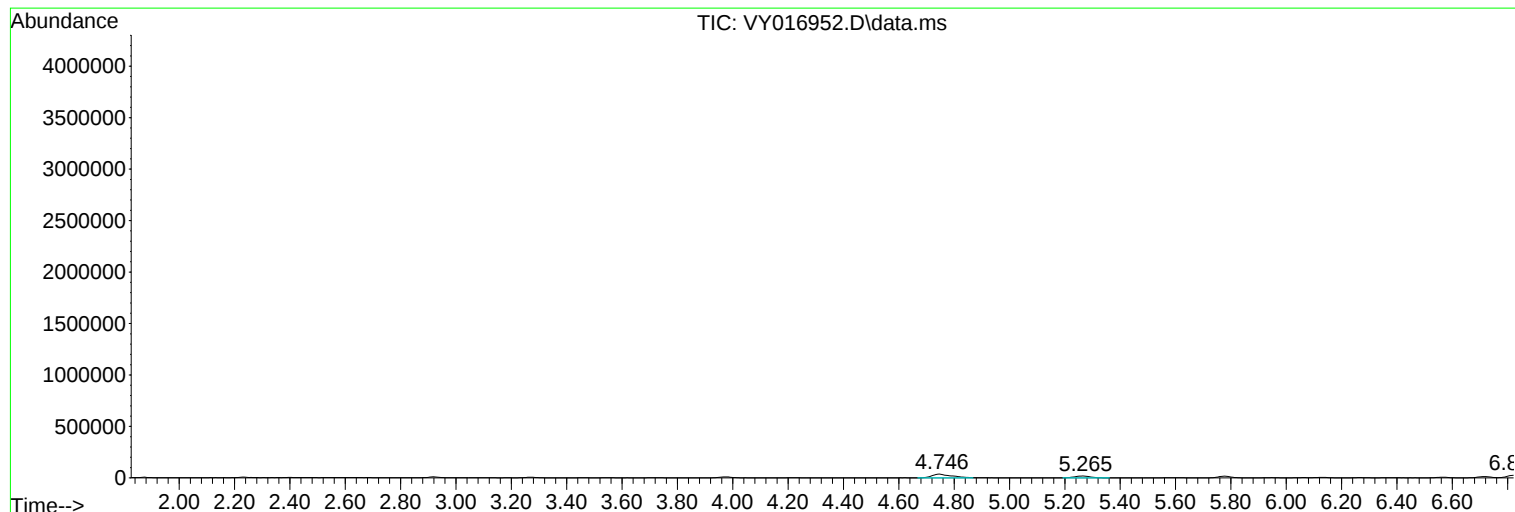
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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



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Instrument :
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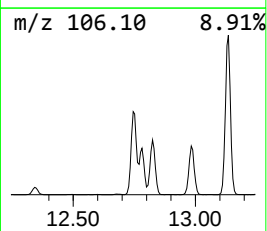
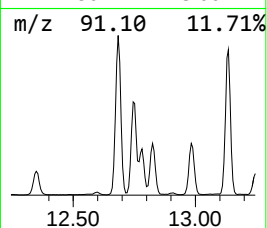
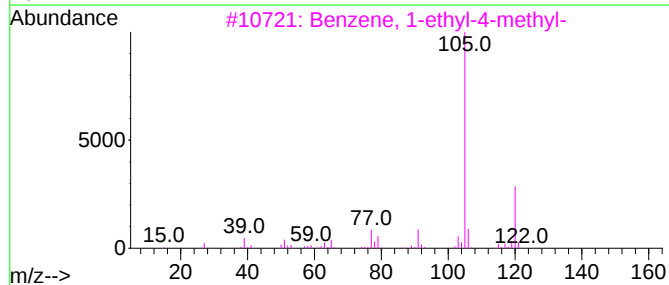
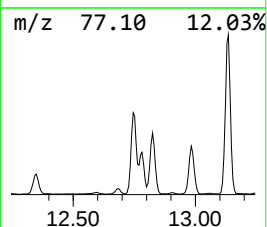
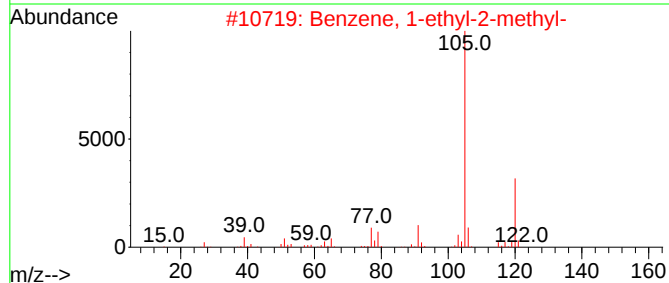
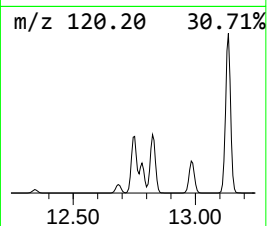
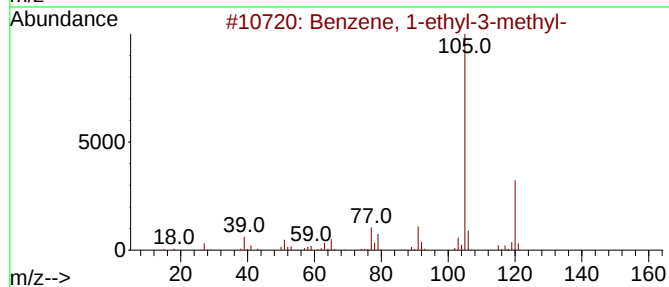
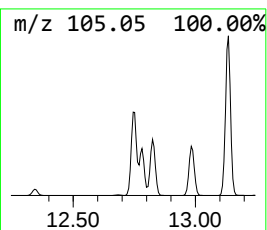
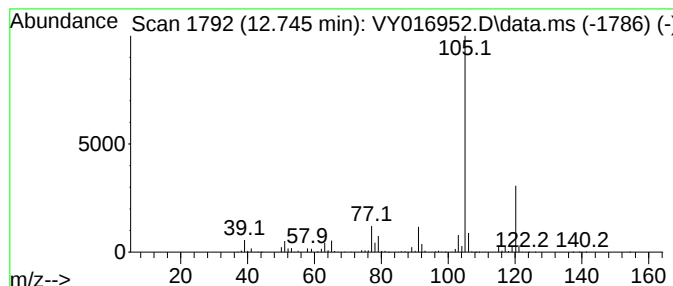
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	1063.40 ug/l	3347480	1,4-Dichlorobenzene-d4	13.440

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



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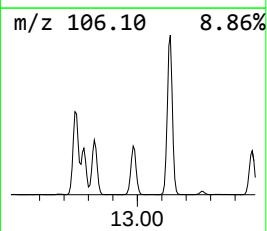
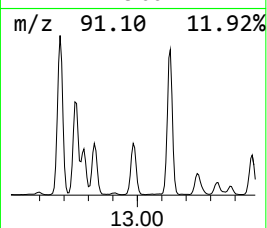
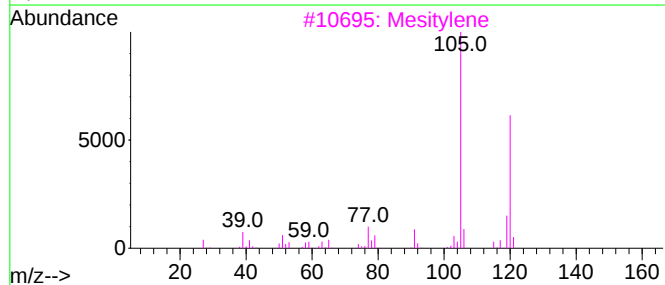
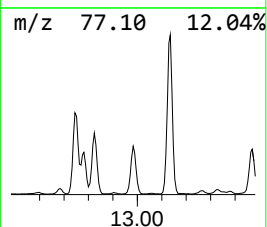
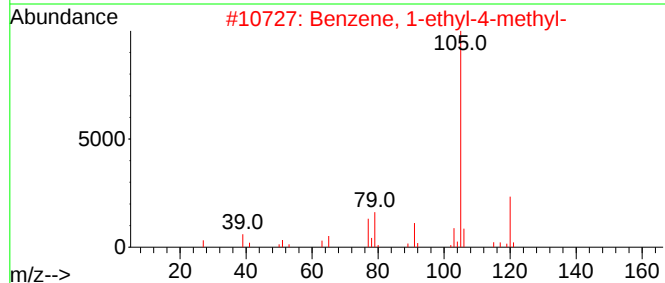
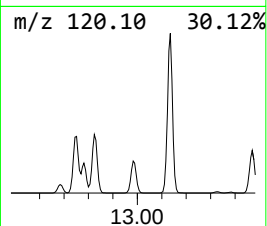
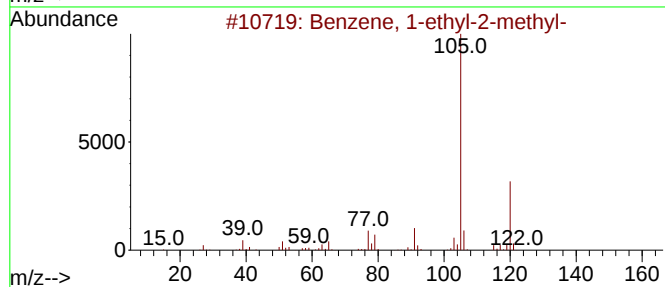
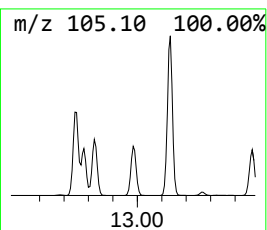
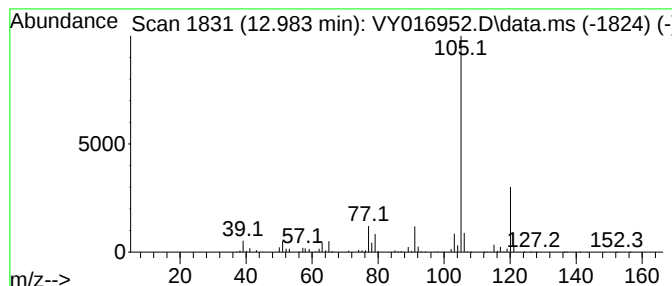
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	657.18 ug/l	2068740	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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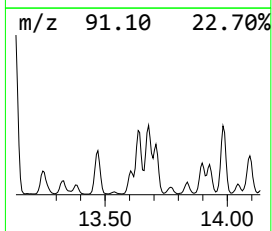
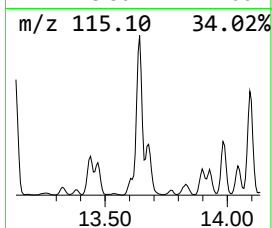
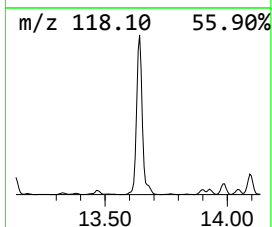
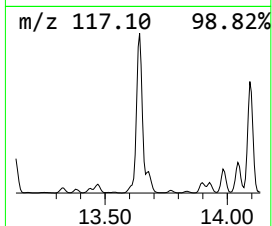
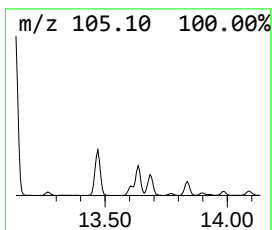
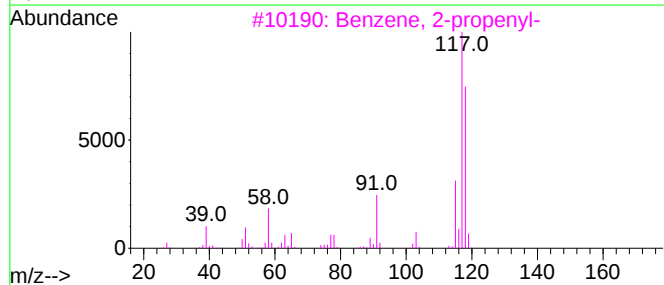
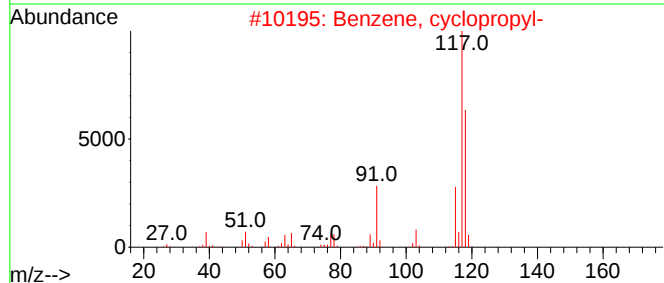
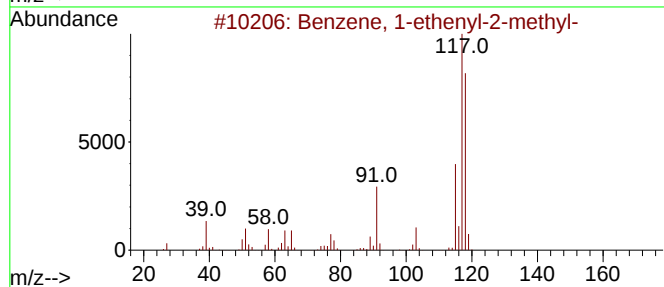
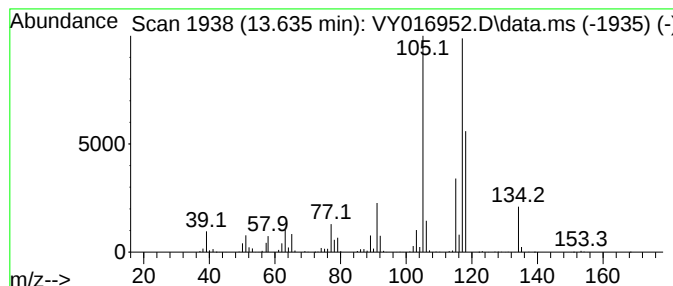
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.635	640.12 ug/l	2015020	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5			Indane	118	C9H10	000496-11-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

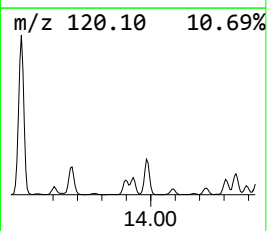
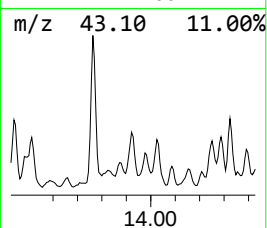
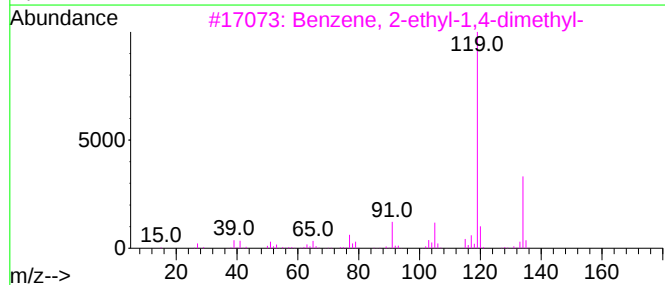
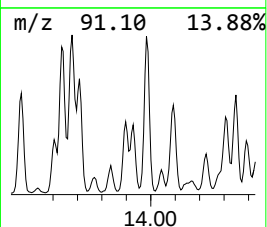
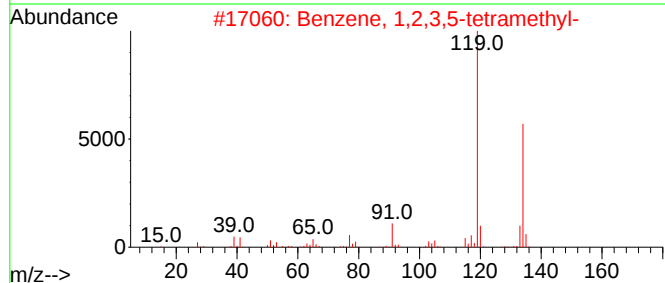
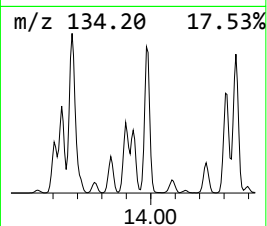
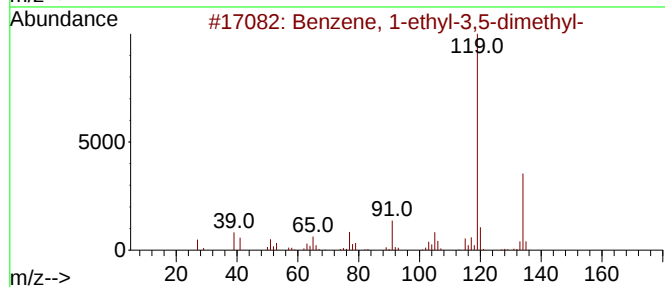
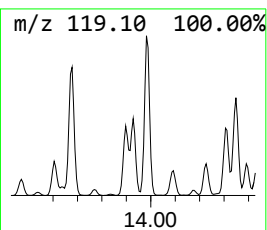
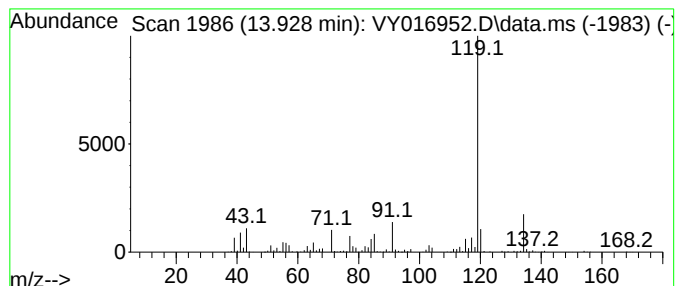
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.928	267.71 ug/l	842728	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

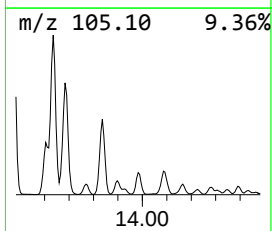
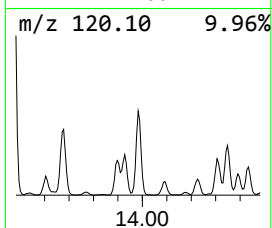
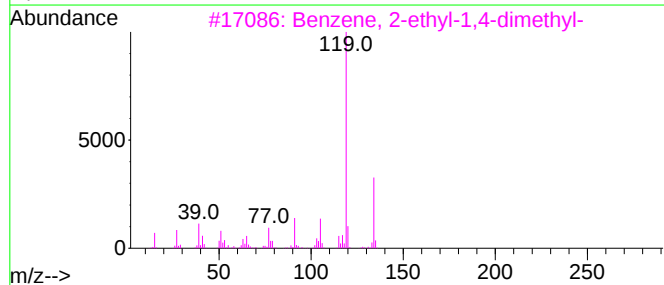
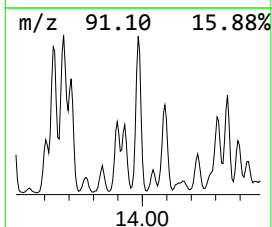
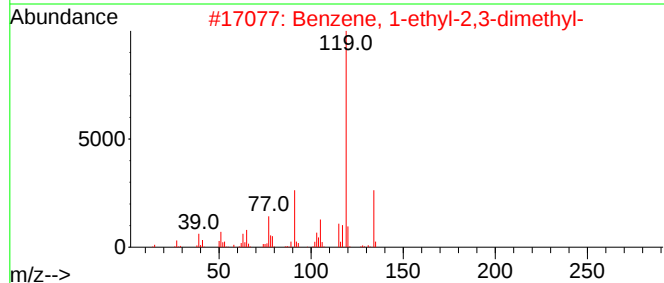
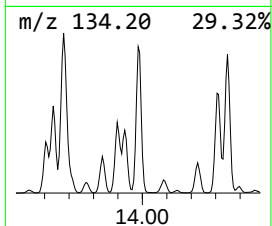
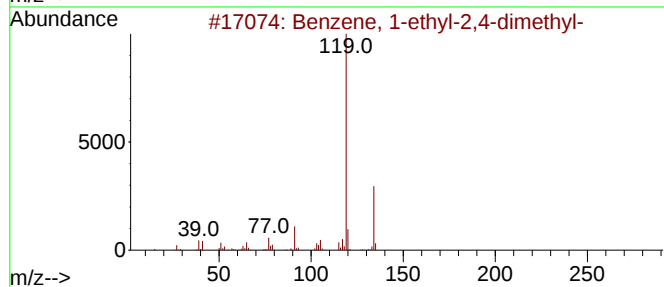
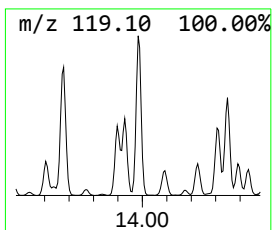
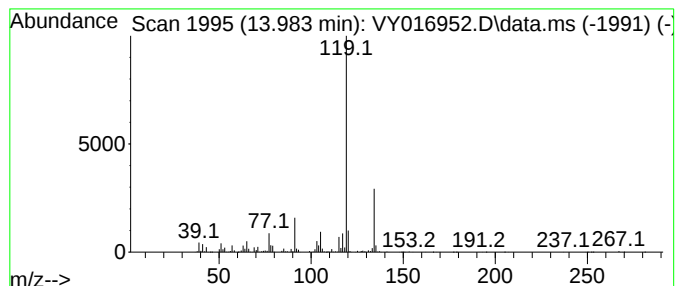
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	507.62 ug/l	1597920	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

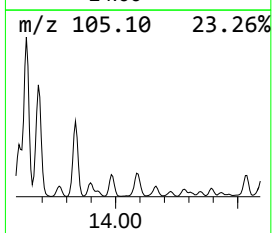
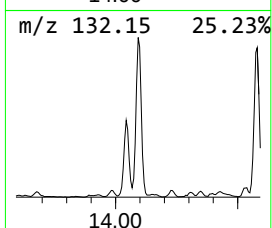
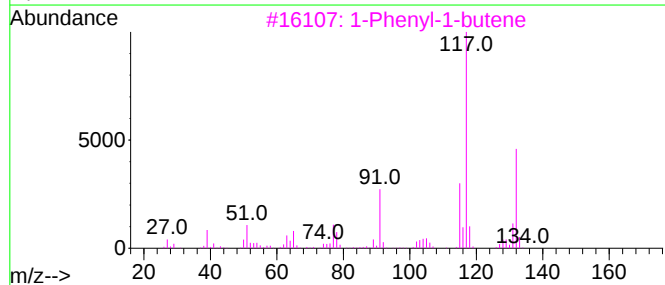
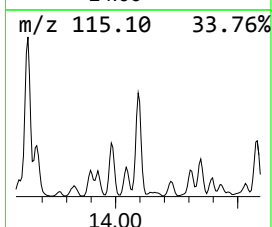
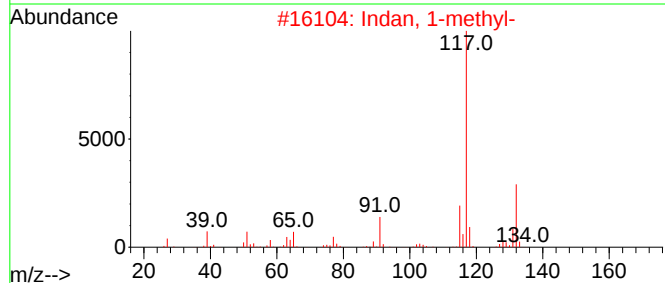
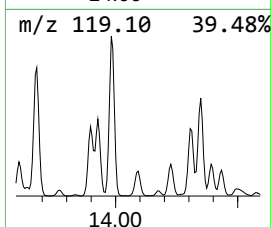
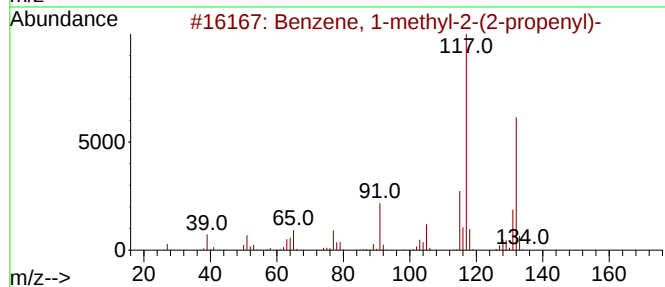
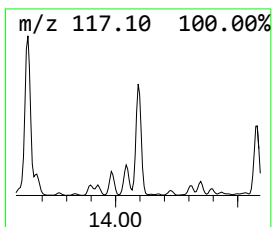
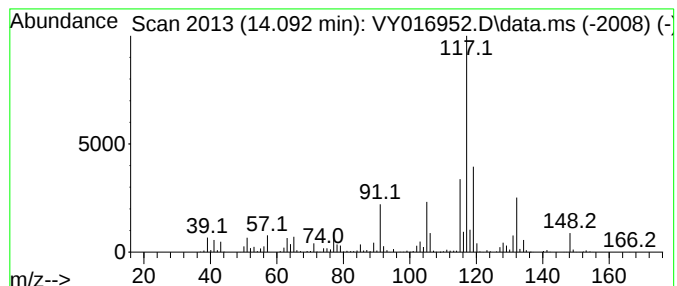
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	337.27 ug/l	1061710	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2			Indan, 1-methyl-	132	C10H12	000767-58-8	64
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

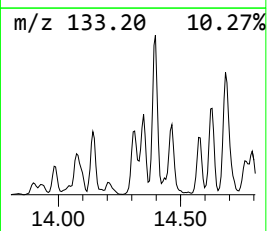
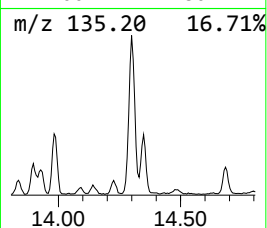
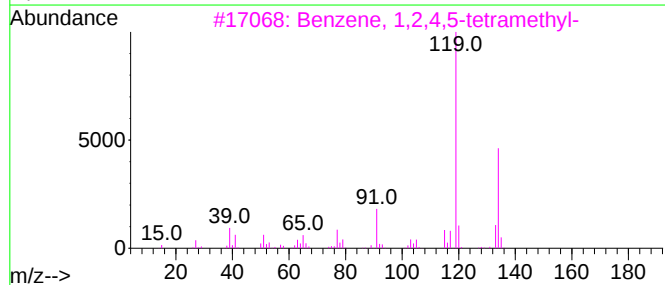
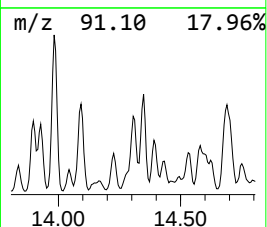
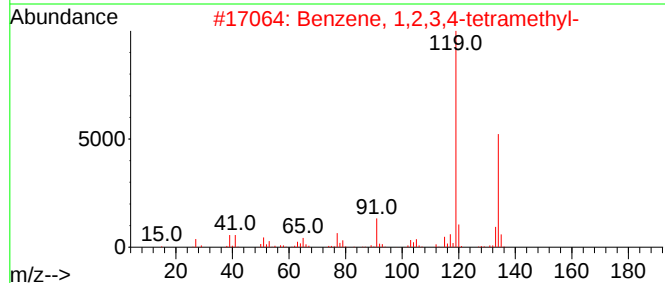
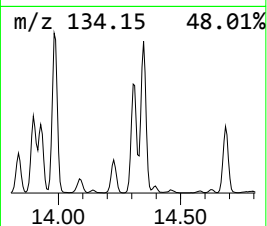
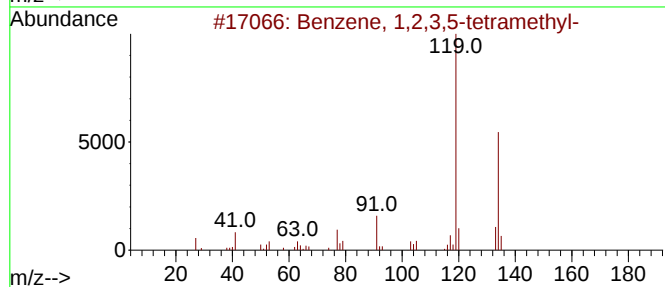
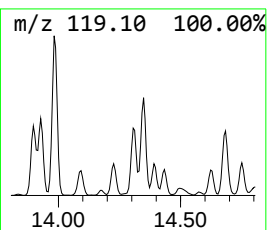
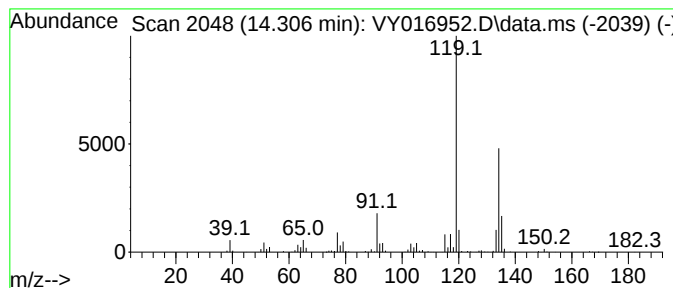
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	494.80 ug/l	1557590	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

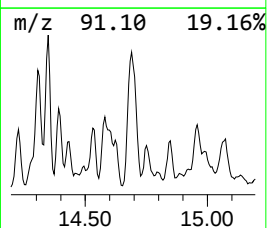
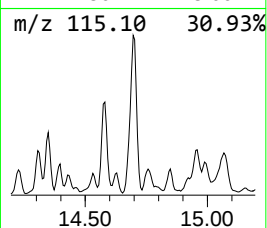
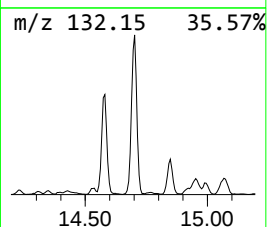
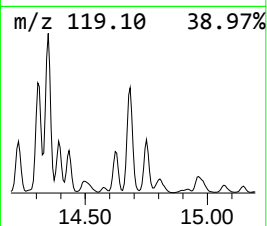
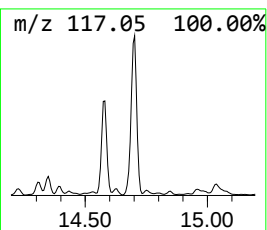
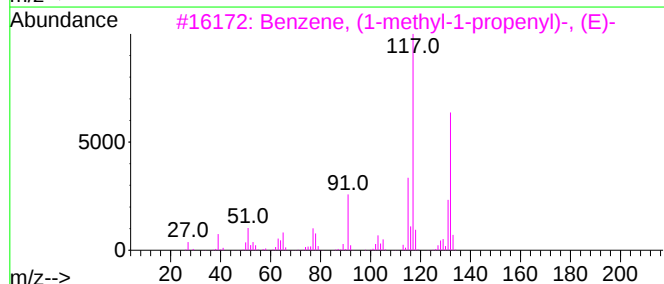
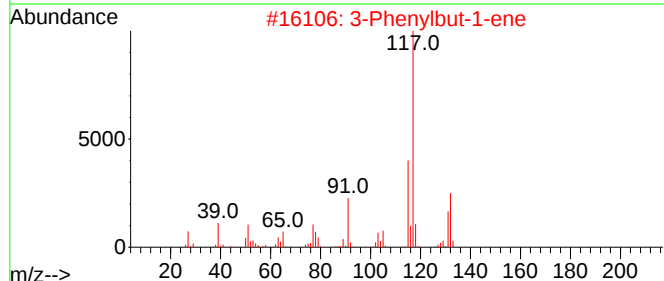
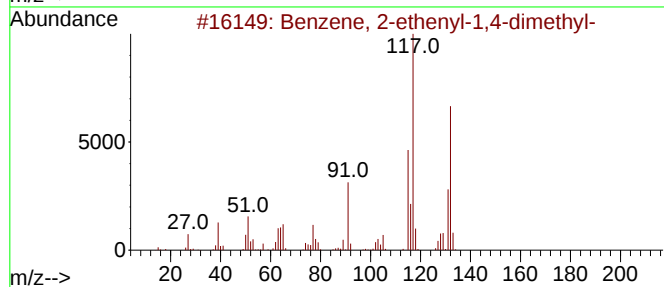
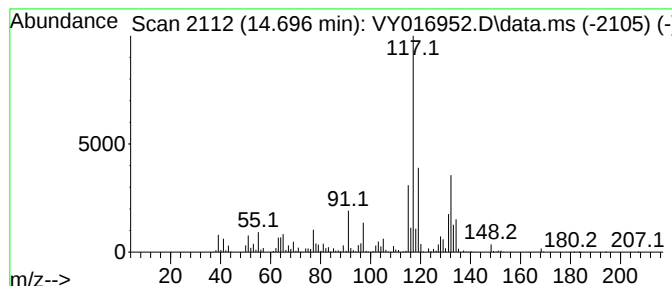
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	596.23 ug/l	1876880	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

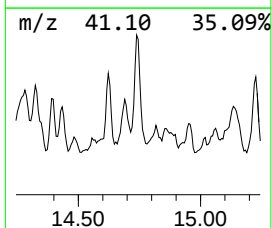
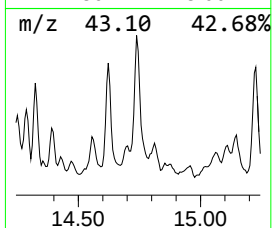
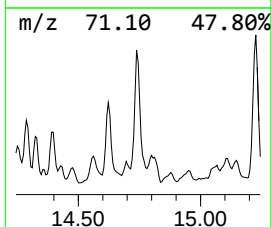
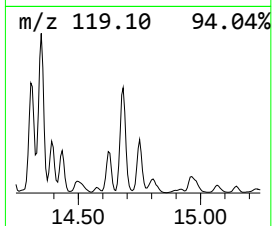
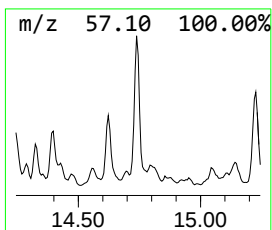
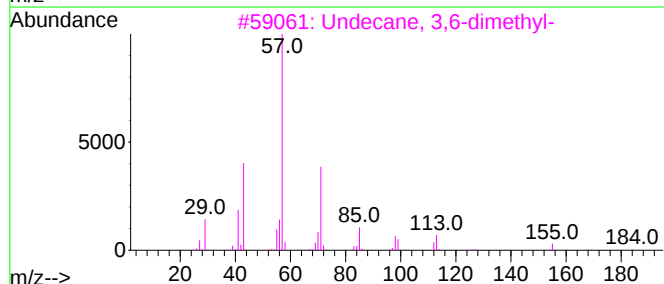
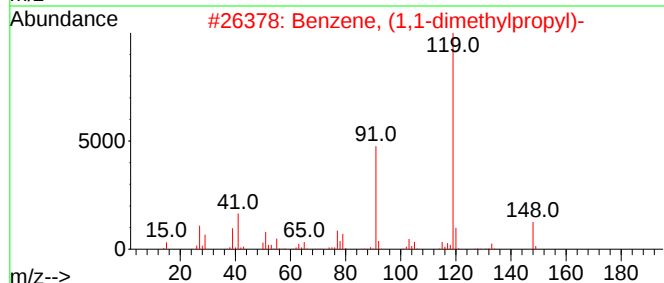
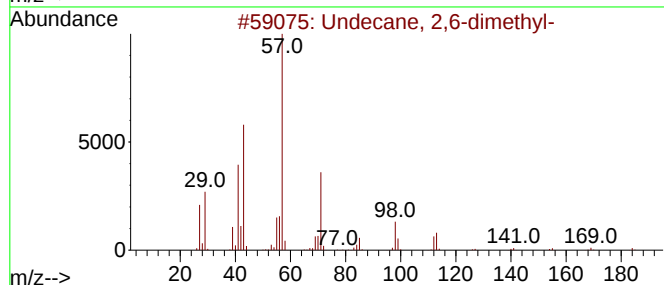
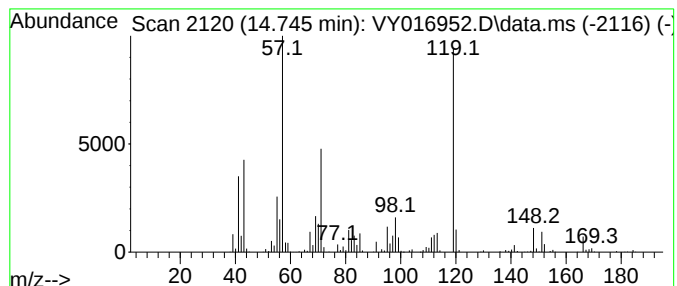
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Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	286.84 ug/l	902949	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	51
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	25
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016952.D
Acq On : 09 Jan 2024 16:34
Operator : SY/MD
Sample : P1067-06
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-B-GRAB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.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...	12.983	657.2	ug/l	2068740	4	13.440	157395	50.0
Benzene, 1-ethe...	13.635	640.1	ug/l	2015020	4	13.440	157395	50.0
Benzene, 1-ethy...	13.928	267.7	ug/l	842728	4	13.440	157395	50.0
Benzene, 1-ethy...	13.983	507.6	ug/l	1597920	4	13.440	157395	50.0
Benzene, 1-meth...	14.092	337.3	ug/l	1061710	4	13.440	157395	50.0
Benzene, 1,2,3,...	14.306	494.8	ug/l	1557590	4	13.440	157395	50.0
Benzene, 2-ethe...	14.696	596.2	ug/l	1876880	4	13.440	157395	50.0
Undecane, 2,6-d...	14.745	286.8	ug/l	902949	4	13.440	157395	50.0