

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
 Data File : Vw017688.D
 Acq On : 21 Dec 2020 16:01
 Operator : SY/VA
 Sample : L5176-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26878

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M

Title : Sw846 8260

Signal : TIC: Vw017688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	35	41	50	rBV	16400	39951	3.36%	0.224%
2	2.318	64	68	71	rBV2	8010	11976	1.01%	0.067%
3	3.129	199	201	210	rVB5	6603	13435	1.13%	0.075%
4	4.922	484	495	508	rVB3	11214	39687	3.34%	0.223%
5	7.135	849	858	871	rBV2	16098	48980	4.12%	0.275%
6	7.885	970	981	986	rBV2	165773	412215	34.69%	2.312%
7	7.945	986	991	1003	rVB	292513	646525	54.41%	3.626%
8	8.305	1040	1050	1063	rBV	170228	382725	32.21%	2.146%
9	8.842	1128	1138	1152	rBV	446620	886647	74.62%	4.973%
10	9.335	1207	1219	1226	rBV4	8292	21664	1.82%	0.121%
11	9.957	1316	1321	1326	rBV2	7313	14096	1.19%	0.079%
12	10.098	1335	1344	1354	rBV3	8748	22487	1.89%	0.126%
13	10.323	1373	1381	1388	rBV	667958	1188140	100.00%	6.663%
14	10.384	1388	1391	1397	rVB	15631	27834	2.34%	0.156%
15	10.506	1404	1411	1419	rVB2	26845	52547	4.42%	0.295%
16	10.665	1432	1437	1442	rBV3	8482	13809	1.16%	0.077%
17	10.762	1446	1453	1461	rVB5	13495	27607	2.32%	0.155%
18	10.847	1461	1467	1474	rVB6	6651	12889	1.08%	0.072%
19	10.933	1474	1481	1487	rBV3	10587	18892	1.59%	0.106%
20	11.036	1487	1498	1501	rBV7	11961	32155	2.71%	0.180%
21	11.110	1506	1510	1513	rVV4	9117	17170	1.45%	0.096%
22	11.177	1517	1521	1525	rVV	23630	41184	3.47%	0.231%
23	11.231	1525	1530	1535	rVB3	19800	38658	3.25%	0.217%
24	11.335	1542	1547	1551	rBV3	14582	25067	2.11%	0.141%
25	11.408	1551	1559	1571	rVB3	55960	157196	13.23%	0.882%
26	11.512	1571	1576	1581	rBV	52422	83917	7.06%	0.471%
27	11.634	1588	1596	1605	rBV	522120	908204	76.44%	5.093%
28	11.731	1607	1612	1616	rVV	63269	115096	9.69%	0.645%
29	11.841	1620	1630	1639	rVV2	259655	597689	50.30%	3.352%
30	11.914	1639	1642	1648	rVB3	34233	60719	5.11%	0.341%
31	11.975	1648	1652	1655	rBV5	8060	14823	1.25%	0.083%
32	12.061	1660	1666	1671	rVB3	16505	30306	2.55%	0.170%
33	12.164	1671	1683	1691	rBV2	223263	549976	46.29%	3.084%
34	12.250	1693	1697	1702	rVB	59020	93743	7.89%	0.526%
35	12.341	1702	1712	1713	rBV5	58840	122910	10.34%	0.689%
36	12.469	1727	1733	1737	rBV3	40898	99428	8.37%	0.558%
37	12.536	1742	1744	1747	rVV3	71403	108618	9.14%	0.609%

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38	12.567	1747	1749	1753	rVV	62095	72672	6.12%	0.408%
39	12.621	1753	1758	1767	rVV2	382025	699754	58.89%	3.924%
40	12.701	1767	1771	1775	rVB5	23917	32645	2.75%	0.183%
41	12.804	1780	1788	1792	rVB	93349	189538	15.95%	1.063%
42	12.865	1792	1798	1802	rBV	391573	669637	56.36%	3.755%
43	12.902	1802	1804	1806	rVV	94778	115833	9.75%	0.650%
44	12.938	1806	1810	1816	rVB3	400225	754050	63.46%	4.229%
45	12.993	1816	1819	1824	rVB2	61831	87734	7.38%	0.492%
46	13.042	1824	1827	1828	rBV3	12352	13868	1.17%	0.078%
47	13.103	1829	1837	1843	rBV	187708	422097	35.53%	2.367%
48	13.164	1843	1847	1854	rVB2	118293	217422	18.30%	1.219%
49	13.249	1854	1861	1866	rBV	589839	931058	78.36%	5.222%
50	13.292	1866	1868	1873	rVB	30889	35681	3.00%	0.200%
51	13.347	1873	1877	1879	rBV4	28344	43518	3.66%	0.244%
52	13.377	1879	1882	1886	rVB3	50580	73172	6.16%	0.410%
53	13.445	1887	1893	1897	rBV3	154161	285501	24.03%	1.601%
54	13.487	1897	1900	1904	rBV2	63263	80946	6.81%	0.454%
55	13.560	1907	1912	1915	rBV	348650	632716	53.25%	3.548%
56	13.627	1920	1923	1927	rVB3	49457	64229	5.41%	0.360%
57	13.719	1928	1938	1940	rBV4	83829	206746	17.40%	1.159%
58	13.755	1940	1944	1947	rVV3	334711	560129	47.14%	3.141%
59	13.792	1947	1950	1959	rVB3	231138	457343	38.49%	2.565%
60	13.877	1959	1964	1969	rBV2	289712	491863	41.40%	2.758%
61	13.951	1973	1976	1982	rVV	65059	117430	9.88%	0.659%
62	14.011	1982	1986	1988	rVV	119185	177914	14.97%	0.998%
63	14.042	1988	1991	1995	rVV	121729	183223	15.42%	1.028%
64	14.097	1995	2000	2004	rVB	180340	266327	22.42%	1.494%
65	14.207	2013	2018	2023	rVB	208602	334047	28.12%	1.873%
66	14.268	2023	2028	2034	rVB6	42553	87878	7.40%	0.493%
67	14.335	2034	2039	2043	rBV4	76135	151264	12.73%	0.848%
68	14.383	2043	2047	2050	rVV2	134573	211374	17.79%	1.185%
69	14.420	2050	2053	2056	rVV	94129	148483	12.50%	0.833%
70	14.457	2056	2059	2063	rVV	101248	127089	10.70%	0.713%
71	14.499	2063	2066	2069	rVV	68951	84072	7.08%	0.471%
72	14.548	2069	2074	2079	rVB4	94710	143727	12.10%	0.806%
73	14.603	2079	2083	2087	rBV6	47707	78269	6.59%	0.439%
74	14.639	2087	2089	2093	rVB3	40468	50152	4.22%	0.281%
75	14.688	2093	2097	2101	rBV2	100728	191367	16.11%	1.073%
76	14.725	2101	2103	2109	rVB3	85447	131848	11.10%	0.739%
77	14.810	2109	2117	2121	rBV3	207180	508560	42.80%	2.852%
78	14.853	2121	2124	2130	rVB5	103571	185191	15.59%	1.039%

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ClientSampleId :
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79	14.963	2137	2142	2146	rBV2	180614	338717	28.51%	1.900%
80	15.060	2154	2158	2163	rBV6	104034	196938	16.58%	1.104%

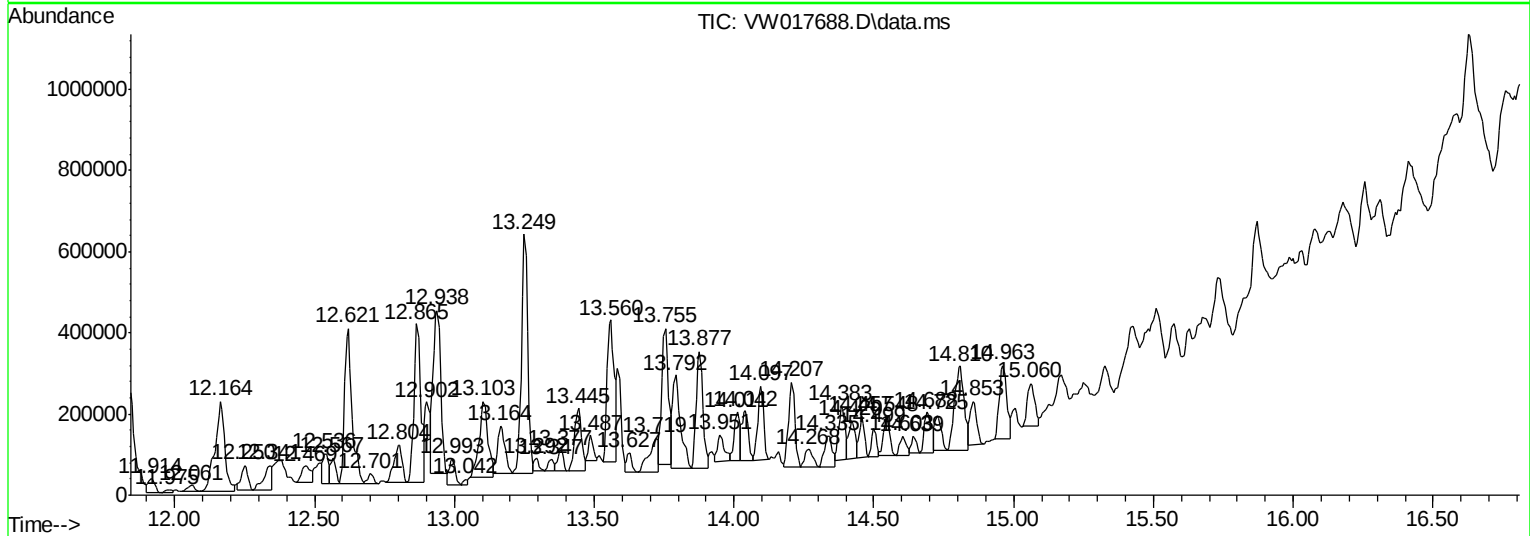
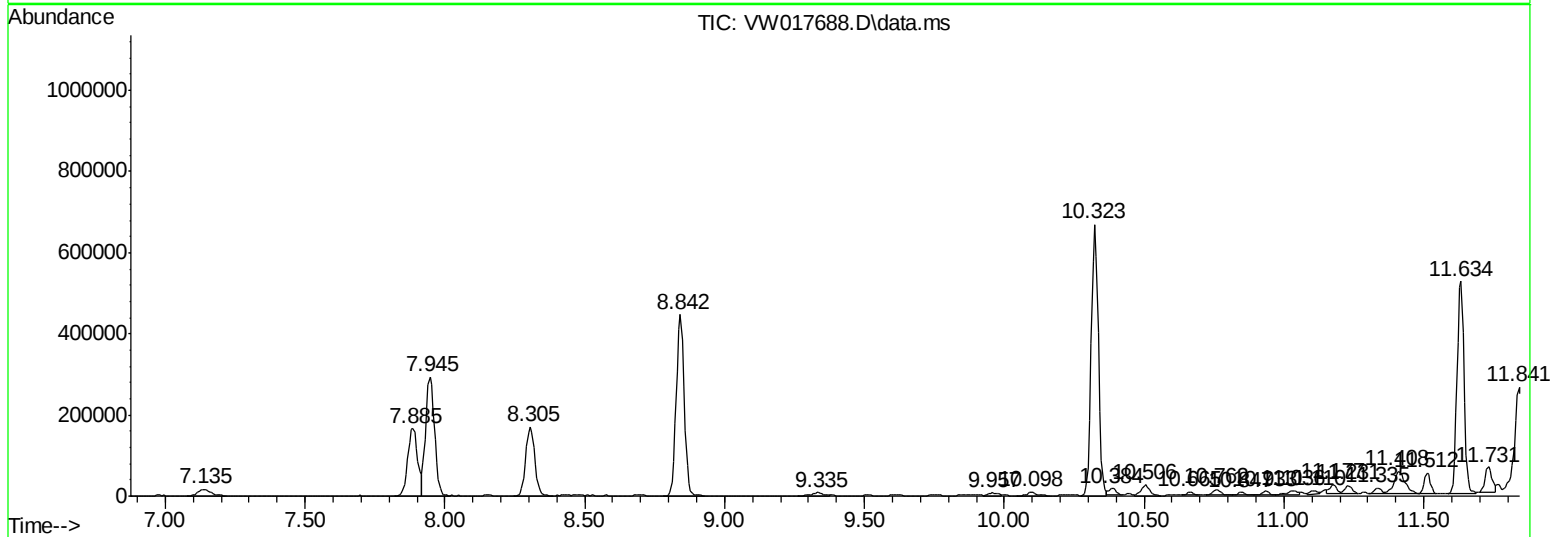
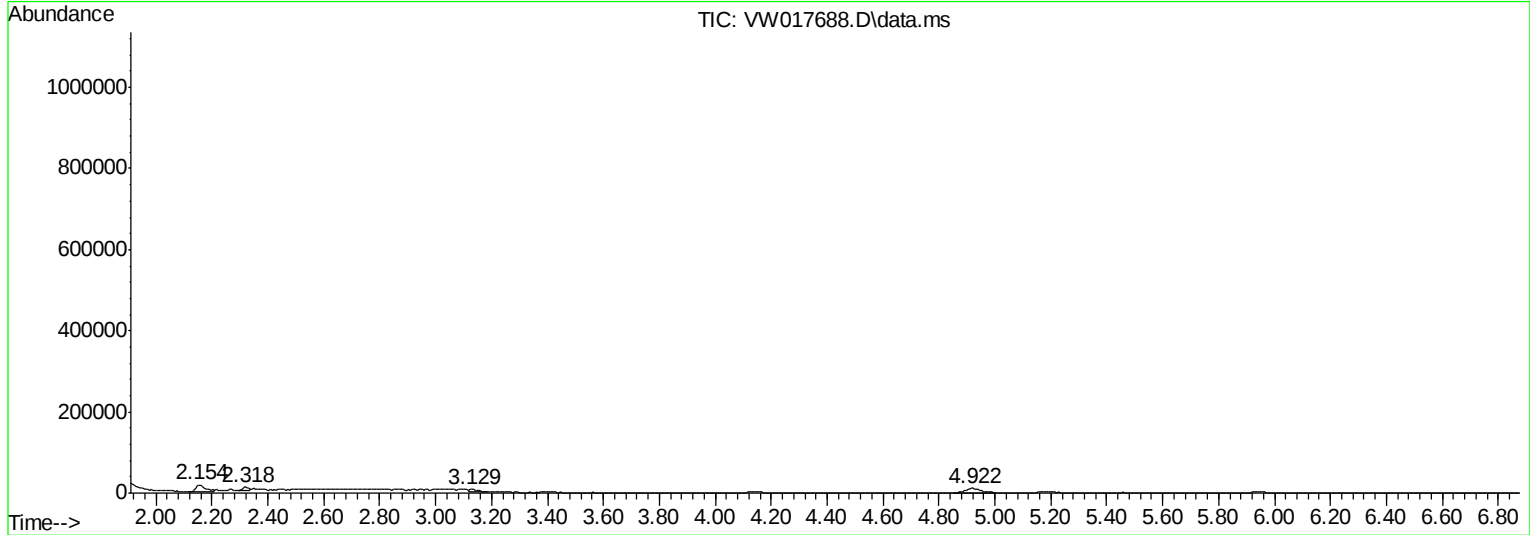
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
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Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

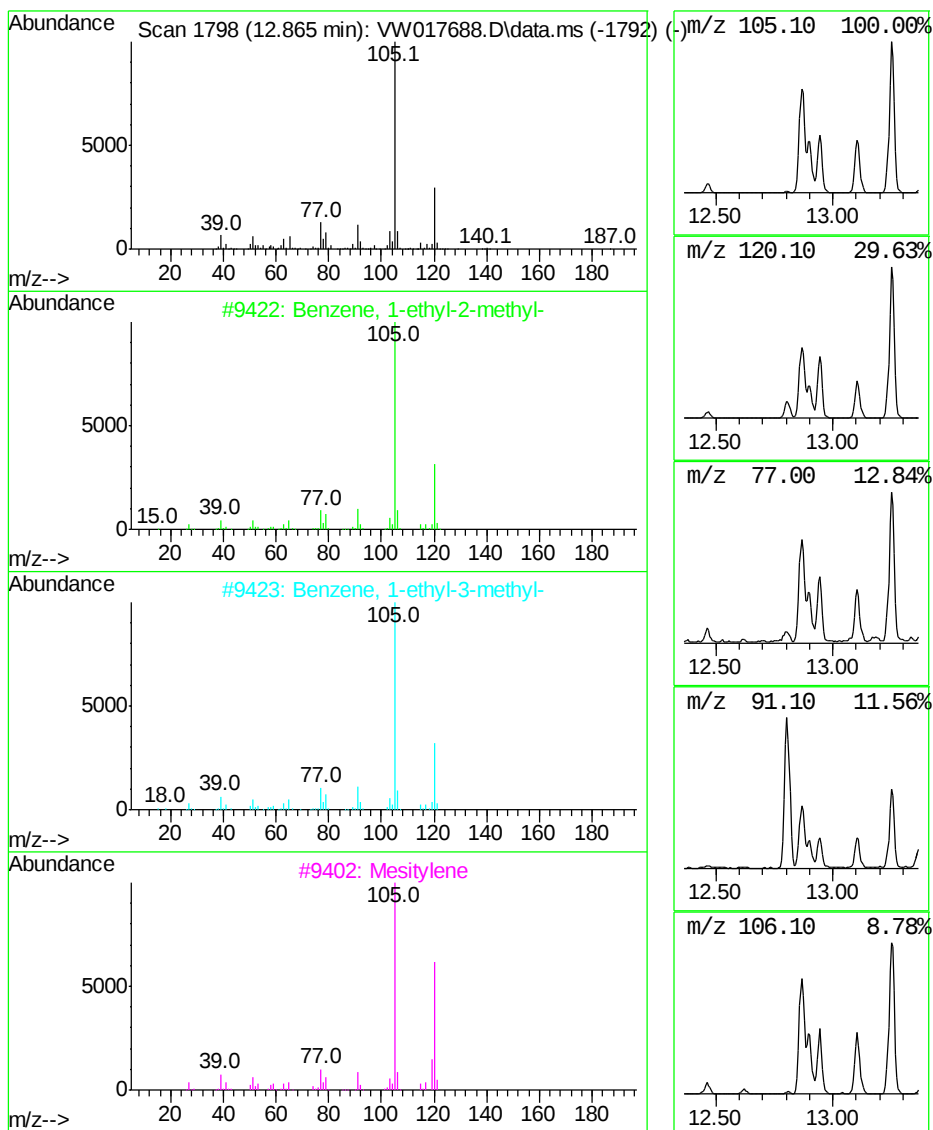
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	52.92 ug/l	669637	1,4-Dichlorobenzene-d4	13.560

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	94
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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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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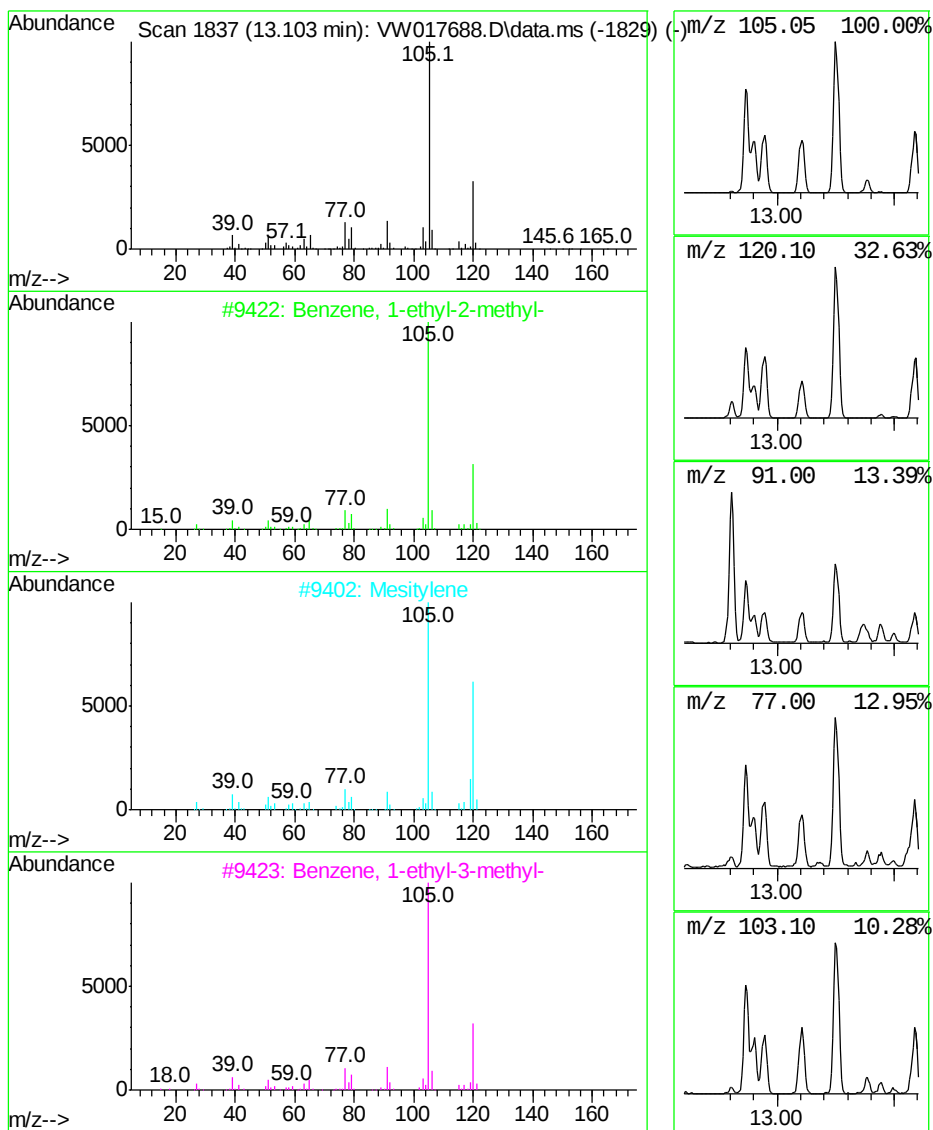
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	33.36 ug/l	422097	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
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Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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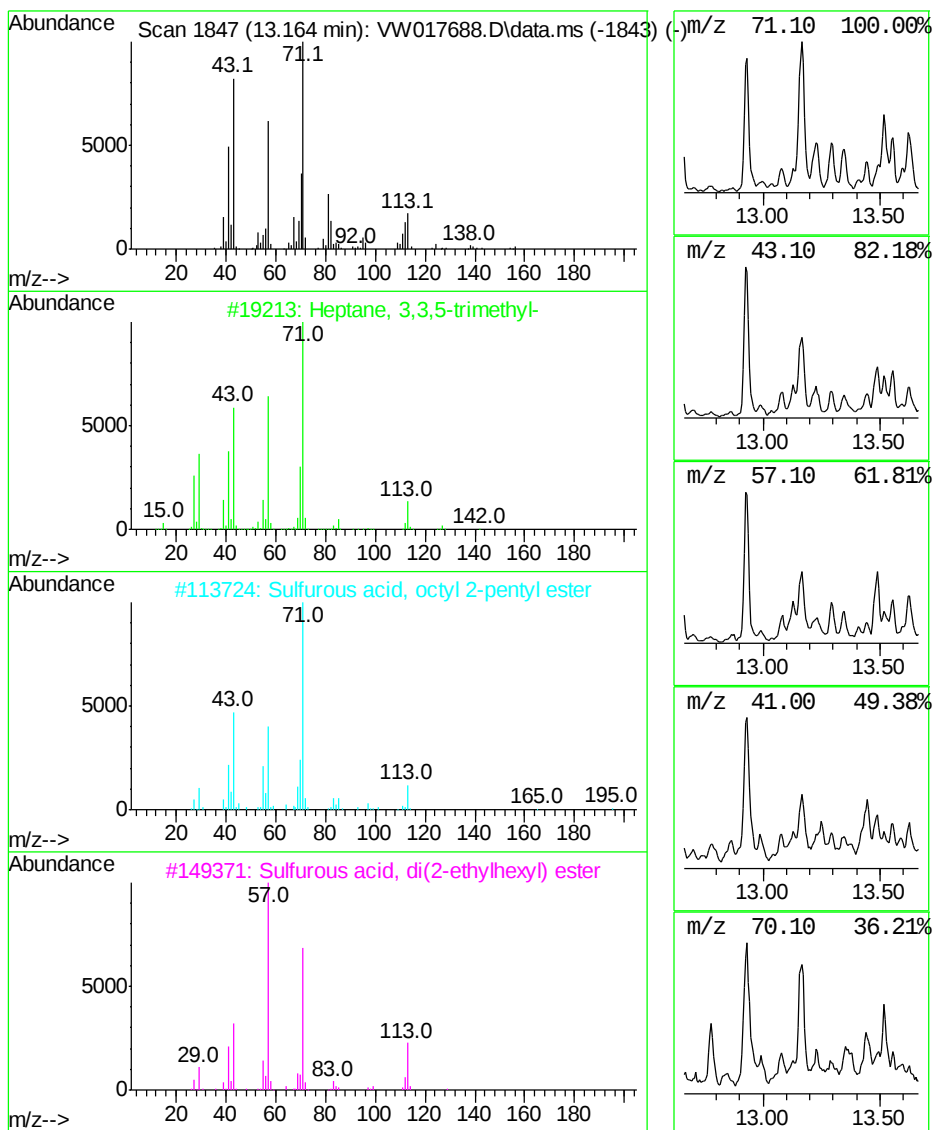
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 3,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	17.18 ug/l	217422	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	64
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53
4	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	53
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50



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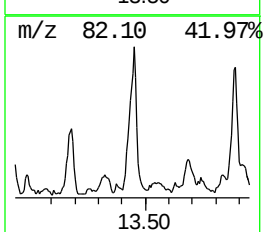
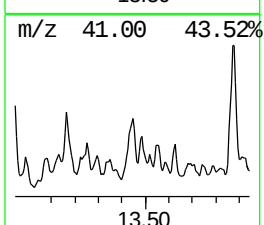
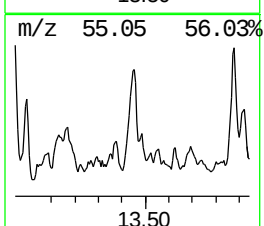
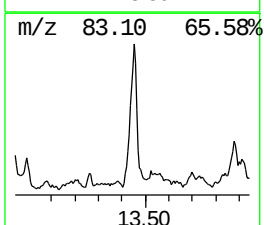
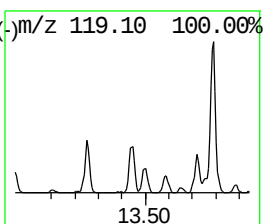
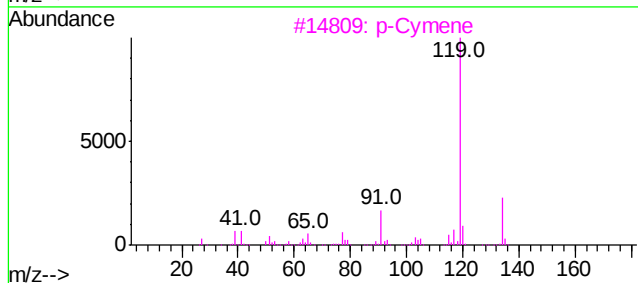
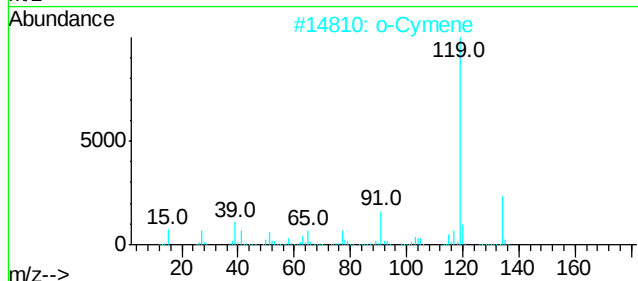
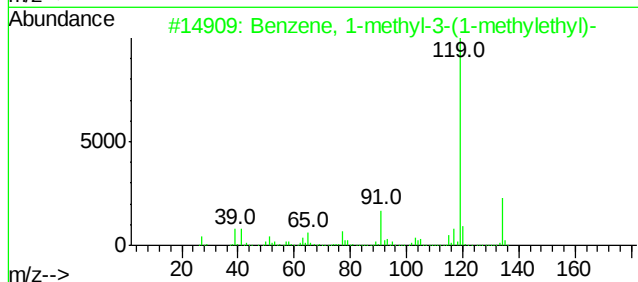
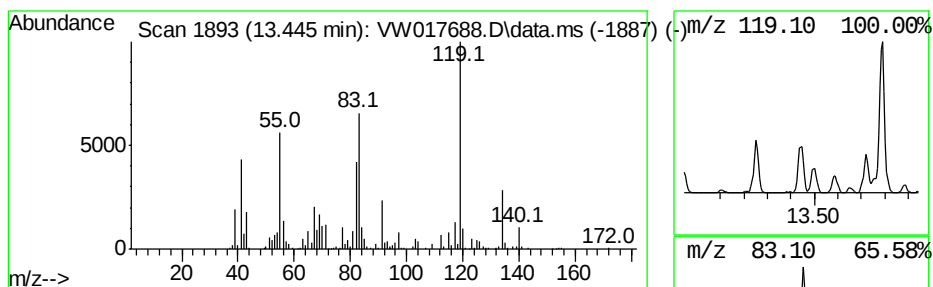
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	22.56 ug/l	285501	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89
2	o-Cymene	134	C10H14	000527-84-4	89
3	p-Cymene	134	C10H14	000099-87-6	89
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46



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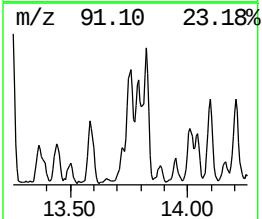
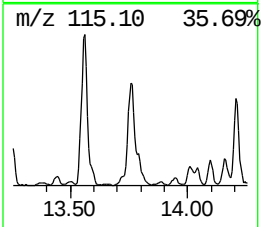
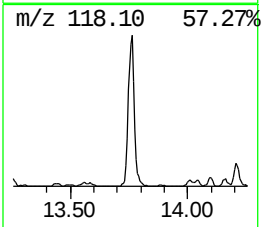
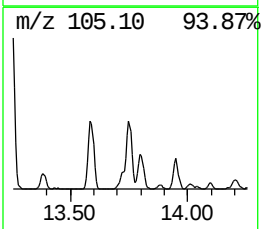
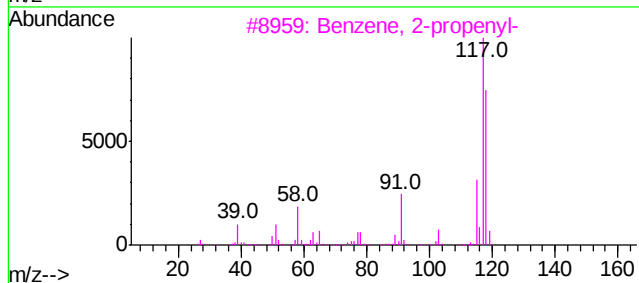
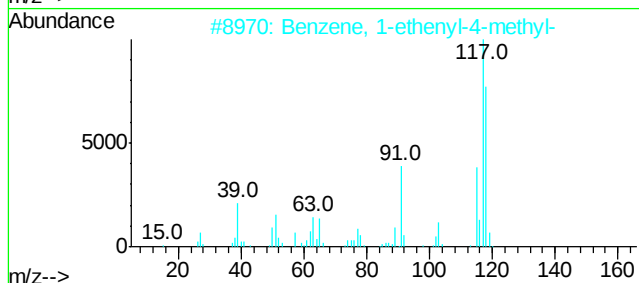
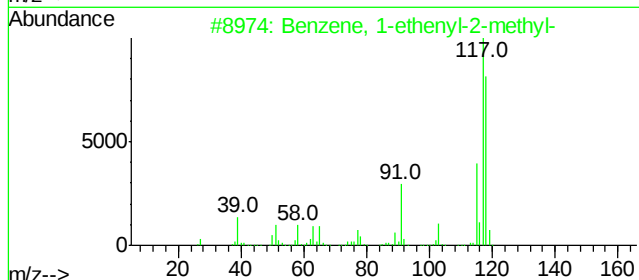
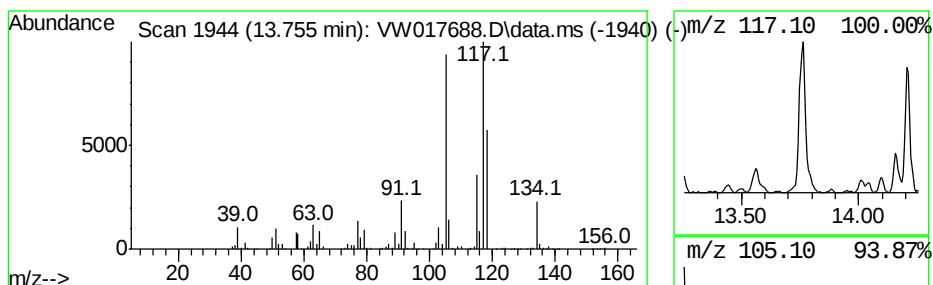
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	44.26 ug/l	560129	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

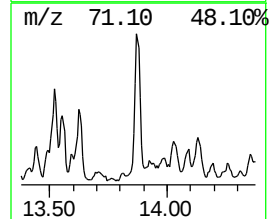
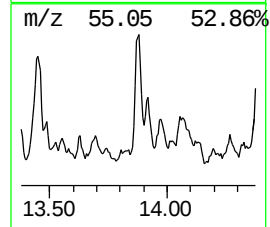
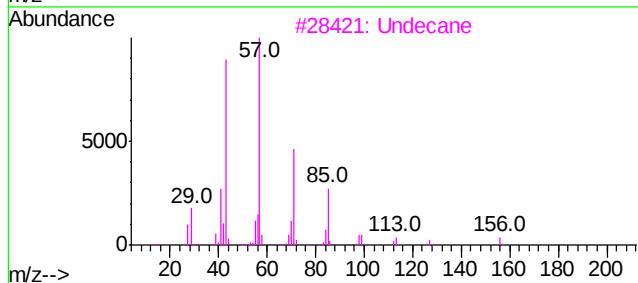
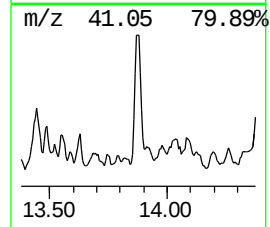
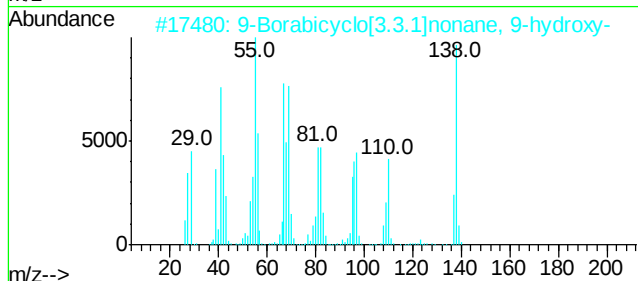
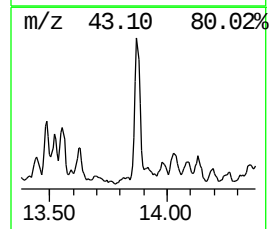
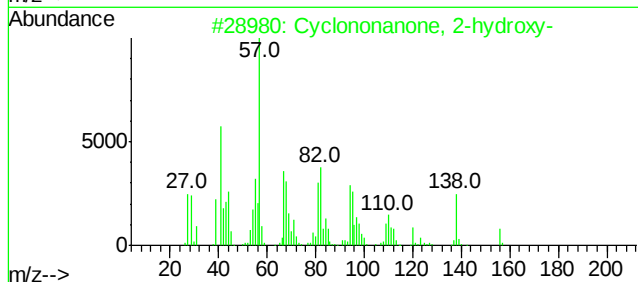
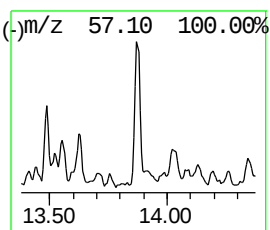
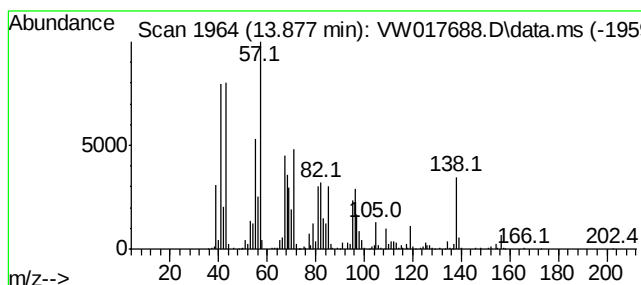
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown13.877 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.877	38.87 ug/l	491863	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Cyclononanone, 2-hydroxy-	156	C9H16O2	000496-83-3	41
2	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	38
3	Undecane	156	C11H24	001120-21-4	35
4	2-Nonenal, 8-oxo-	154	C9H14O2	077611-52-0	25
5	Cyclopropane, hexylidene-	124	C9H16	091509-06-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

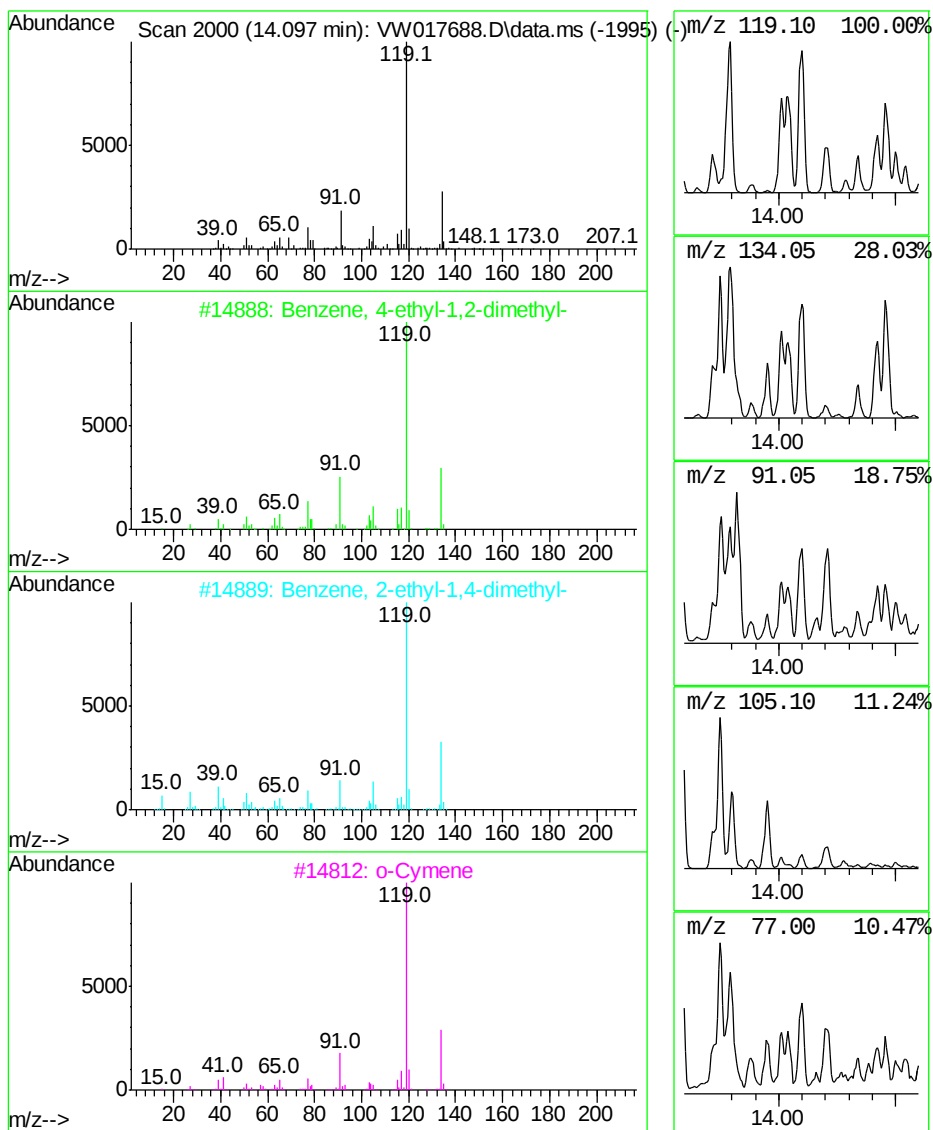
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	21.05 ug/l	266327	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

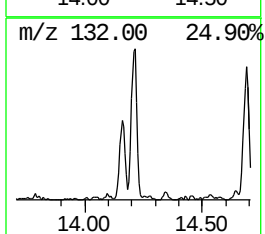
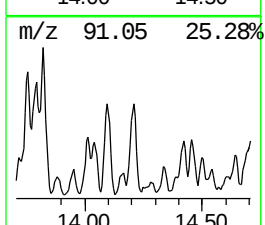
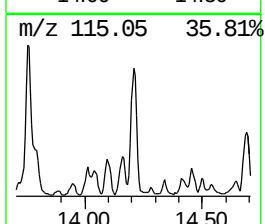
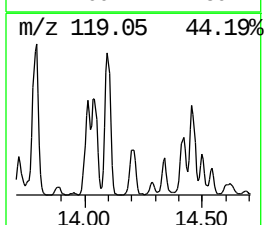
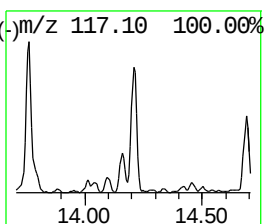
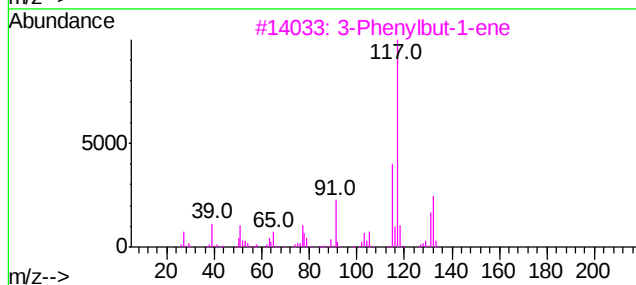
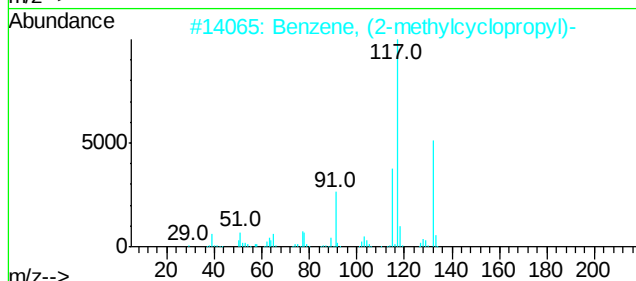
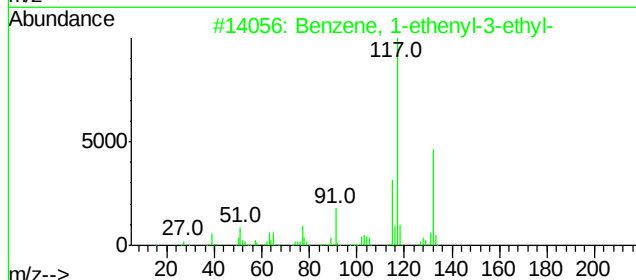
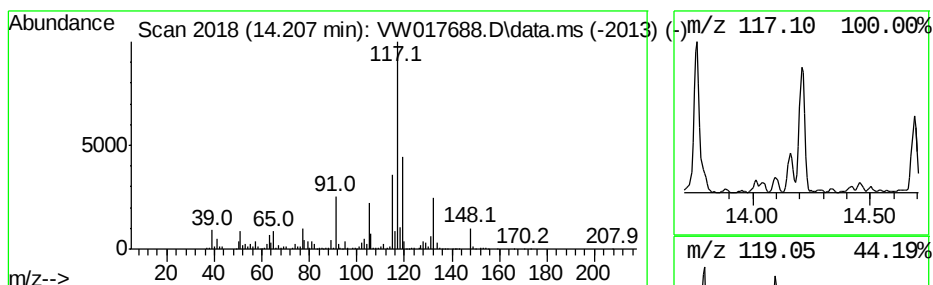
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	26.40 ug/l	334047	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	60
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4	Indan, 1-methyl-	132	C10H12	000767-58-8	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

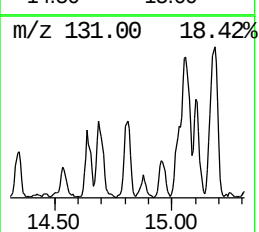
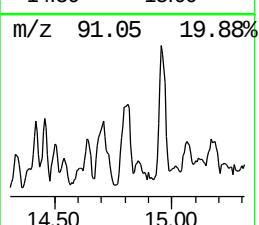
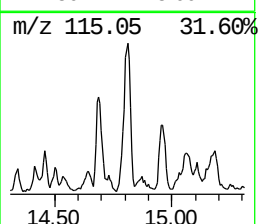
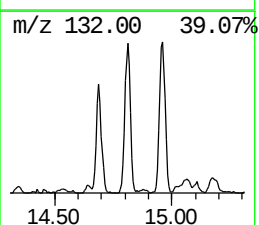
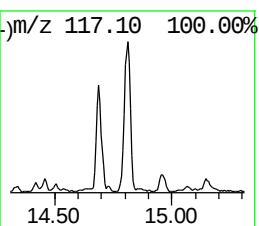
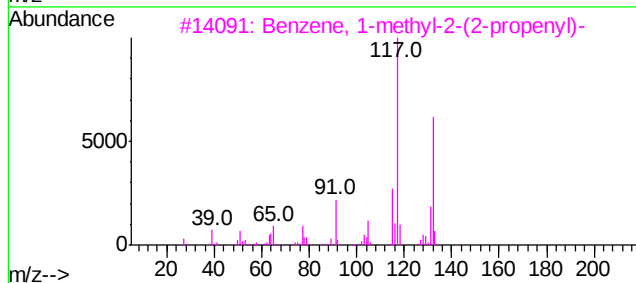
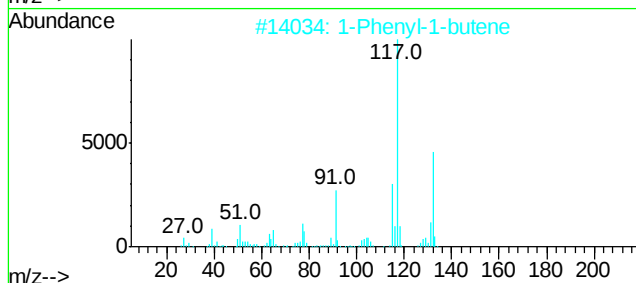
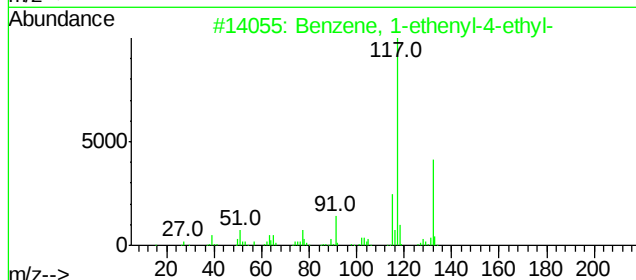
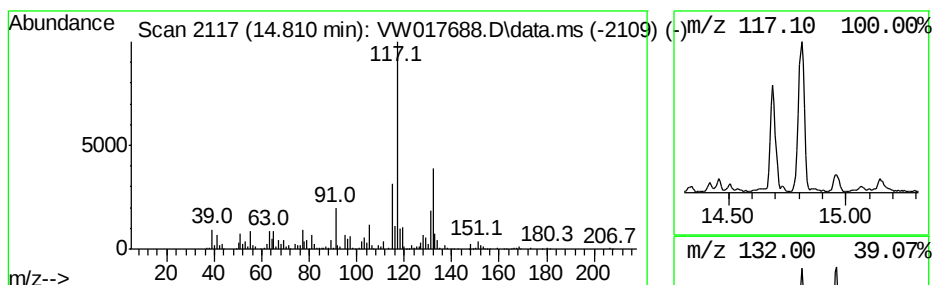
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	40.19 ug/l	508560	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

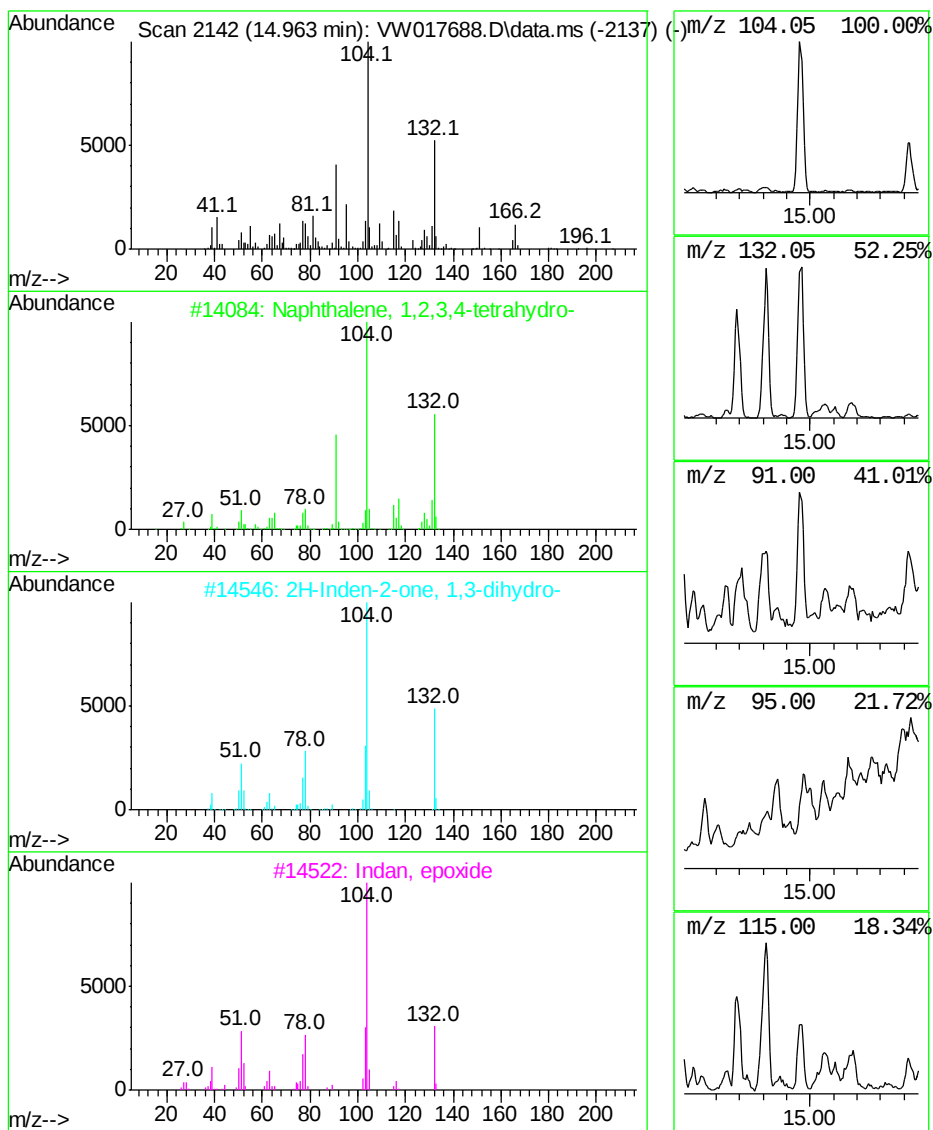
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	26.77 ug/l	338717	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	Mw	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	Acetic acid, chloro-, 2-phenylet...	198	C10H11ClO2	007476-91-7	30
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122120\
Data File : VW017688.D
Acq On : 21 Dec 2020 16:01
Operator : SY/VA
Sample : L5176-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.865	52.9	ug/l	669637	4	13.560	632716	50.0
Mesitylene	13.103	33.4	ug/l	422097	4	13.560	632716	50.0
Heptane, 3,3,5-...	13.164	17.2	ug/l	217422	4	13.560	632716	50.0
Benzene, 1-meth...	13.445	22.6	ug/l	285501	4	13.560	632716	50.0
Benzene, 1-ethe...	13.755	44.3	ug/l	560129	4	13.560	632716	50.0
unknown13.877	13.877	38.9	ug/l	491863	4	13.560	632716	50.0
Benzene, 4-ethy...	14.097	21.1	ug/l	266327	4	13.560	632716	50.0
Benzene, 1-ethe...	14.207	26.4	ug/l	334047	4	13.560	632716	50.0
Benzene, 1-ethe...	14.810	40.2	ug/l	508560	4	13.560	632716	50.0
Naphthalene, 1,...	14.963	26.8	ug/l	338717	4	13.560	632716	50.0