

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011017.D
 Acq On : 20 Oct 2022 12:12
 Operator : KP/MD
 Sample : N5193-07
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-03-01-03-D

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\82Y101722S.M
 Title : SW846 8260

Signal : TIC: VY011017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	463	475	489	rBV2	23430	73564	3.04%	0.310%
2	7.715	954	967	973	rBV	250090	601103	24.84%	2.532%
3	7.789	973	979	991	rVB	427391	962714	39.79%	4.054%
4	8.142	1025	1037	1048	rBV	220759	491020	20.29%	2.068%
5	8.691	1117	1127	1142	rBV	644428	1245894	51.49%	5.247%
6	10.178	1363	1371	1379	rBV	1036116	1712669	70.78%	7.213%
7	11.489	1579	1586	1597	rBV	782872	1244073	51.42%	5.239%
8	11.696	1611	1620	1625	rBV	32043	74802	3.09%	0.315%
9	12.032	1662	1675	1683	rBV3	67625	173891	7.19%	0.732%
10	12.202	1699	1703	1706	rVV2	24646	40654	1.68%	0.171%
11	12.245	1706	1710	1714	rVB3	17104	30311	1.25%	0.128%
12	12.483	1743	1749	1758	rBV2	591098	941697	38.92%	3.966%
13	12.556	1758	1761	1768	rVV5	14560	29572	1.22%	0.125%
14	12.641	1768	1775	1783	rVB3	34115	74405	3.08%	0.313%
15	12.733	1783	1790	1794	rBV	101830	194115	8.02%	0.818%
16	12.812	1798	1803	1809	rVB	1062003	1542767	63.76%	6.497%
17	12.971	1821	1829	1836	rBV	77748	139490	5.77%	0.587%
18	13.123	1848	1854	1859	rVV	849266	1239088	51.21%	5.218%
19	13.172	1859	1862	1869	rVB3	35012	53013	2.19%	0.223%
20	13.251	1869	1875	1880	rBV3	21451	42413	1.75%	0.179%
21	13.312	1880	1885	1890	rVB	67538	102742	4.25%	0.433%
22	13.367	1890	1894	1898	rBV	49004	76418	3.16%	0.322%
23	13.428	1898	1904	1906	rVV	528779	824588	34.08%	3.473%
24	13.458	1906	1909	1914	rVB	438095	619368	25.60%	2.608%
25	13.525	1917	1920	1927	rVB2	20185	27674	1.14%	0.117%
26	13.592	1927	1931	1932	rBV	32759	37793	1.56%	0.159%
27	13.629	1932	1937	1939	rVV2	136877	209302	8.65%	0.881%
28	13.660	1939	1942	1950	rVB	310297	473119	19.55%	1.993%
29	13.751	1951	1957	1961	rBV5	56138	91548	3.78%	0.386%
30	13.806	1961	1966	1974	rVB2	72224	138687	5.73%	0.584%
31	13.885	1974	1979	1981	rBV	88472	125486	5.19%	0.528%
32	13.916	1981	1984	1987	rVV	76372	102438	4.23%	0.431%
33	13.970	1988	1993	1997	rVB2	166595	245768	10.16%	1.035%
34	14.013	1997	2000	2006	rVB3	48531	88658	3.66%	0.373%
35	14.080	2006	2011	2016	rBV2	194619	313445	12.95%	1.320%
36	14.159	2022	2024	2028	rVB	21895	26191	1.08%	0.110%

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Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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37	14.214	2028	2033	2036	rBV2	43178	60985	2.52%	0.257%
38	14.263	2036	2041	2042	rBV2	52989	73308	3.03%	0.309%
39	14.294	2042	2046	2050	rVV	242870	360197	14.89%	1.517%
40	14.336	2050	2053	2057	rVB	221257	288663	11.93%	1.216%
41	14.385	2057	2061	2064	rBV2	35131	46244	1.91%	0.195%
42	14.446	2069	2071	2079	rVB2	35727	56608	2.34%	0.238%
43	14.562	2086	2090	2096	rBV2	99625	164024	6.78%	0.691%
44	14.684	2102	2110	2116	rBV3	325686	669959	27.69%	2.821%
45	14.745	2116	2120	2127	rVB6	40505	78704	3.25%	0.331%
46	14.830	2128	2134	2140	rBV3	54072	97179	4.02%	0.409%
47	14.903	2142	2146	2148	rBV2	31479	46779	1.93%	0.197%
48	14.946	2148	2153	2156	rBV4	53269	80611	3.33%	0.339%
49	15.056	2167	2171	2182	rVB2	84202	166600	6.89%	0.702%
50	15.159	2182	2188	2191	rBV2	26641	49806	2.06%	0.210%
51	15.239	2194	2201	2208	rVB	1079694	1825810	75.46%	7.689%
52	15.342	2212	2218	2223	rBV2	50067	100998	4.17%	0.425%
53	15.397	2223	2227	2236	rVB2	35204	66530	2.75%	0.280%
54	15.525	2241	2248	2255	rBV	50696	96550	3.99%	0.407%
55	15.690	2267	2275	2284	rBV	42315	107605	4.45%	0.453%
56	15.818	2291	2296	2301	rBV4	16048	40578	1.68%	0.171%
57	15.891	2302	2308	2324	rVB2	31474	95648	3.95%	0.403%
58	16.031	2324	2331	2336	rBV3	15268	32814	1.36%	0.138%
59	16.226	2354	2363	2367	rVV4	36106	92846	3.84%	0.391%
60	16.293	2367	2374	2387	rVV	1239646	2419595	100.00%	10.190%
61	16.409	2388	2393	2398	rVV3	13349	33141	1.37%	0.140%
62	16.488	2398	2406	2420	rVB	1054697	2182535	90.20%	9.192%

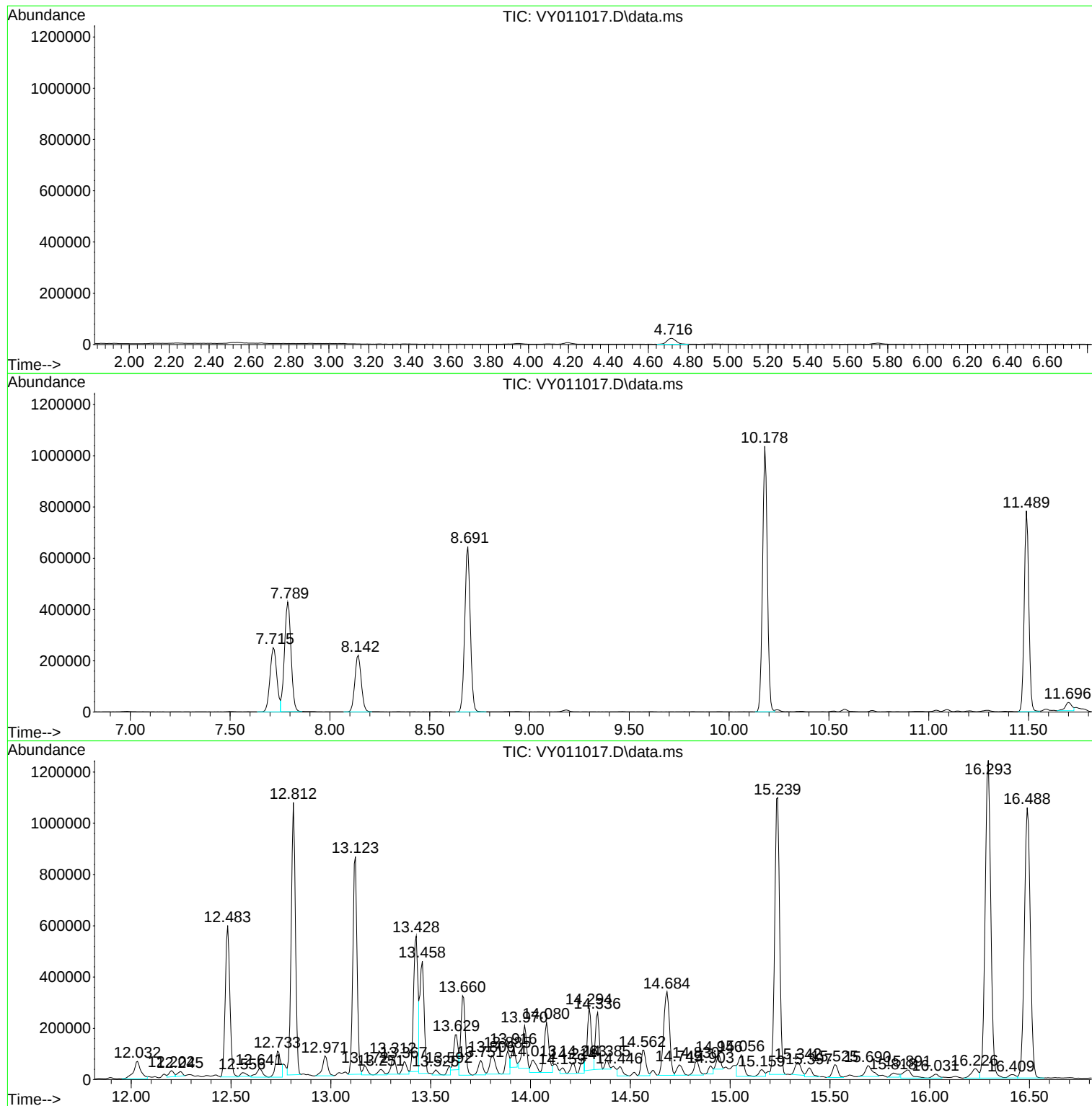
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
LSP-SS-03-01-03-D

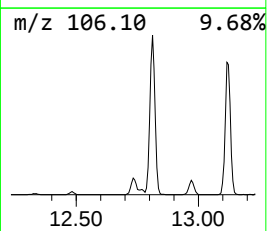
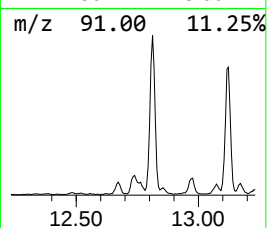
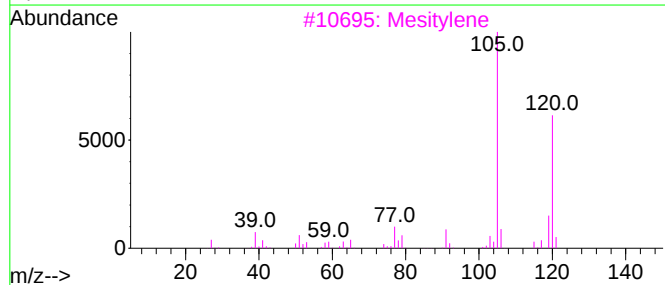
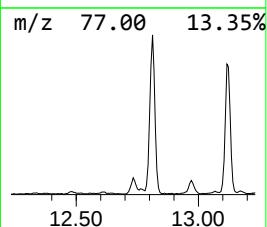
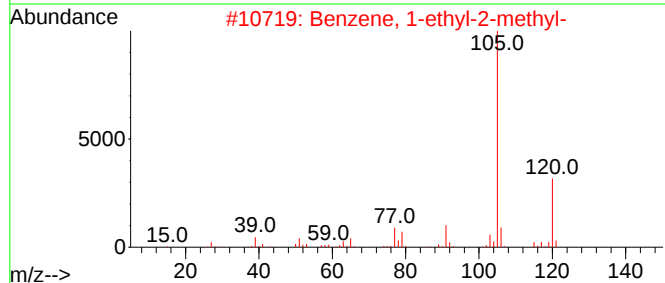
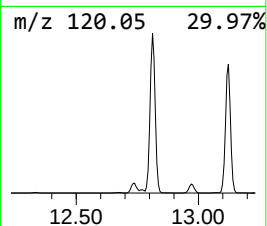
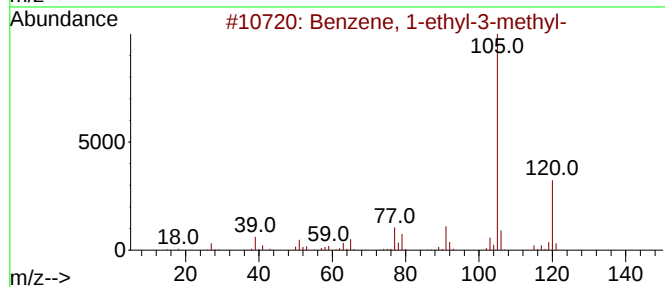
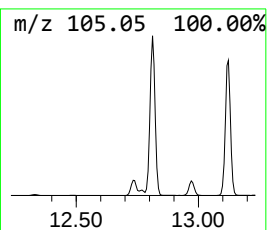
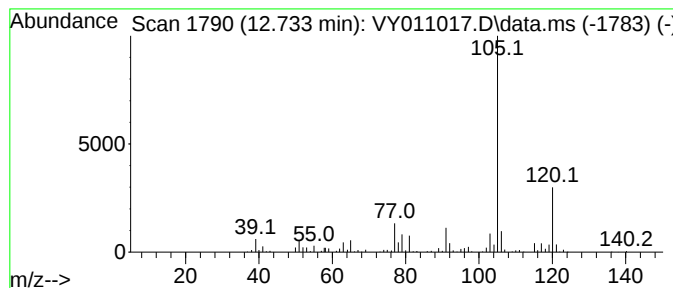
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	11.77 ug/l	194115	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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	90



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LSP-SS-03-01-03-D

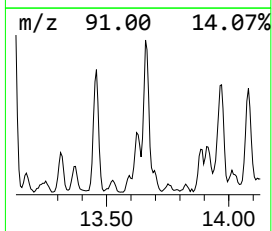
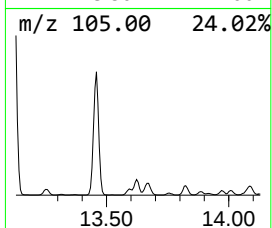
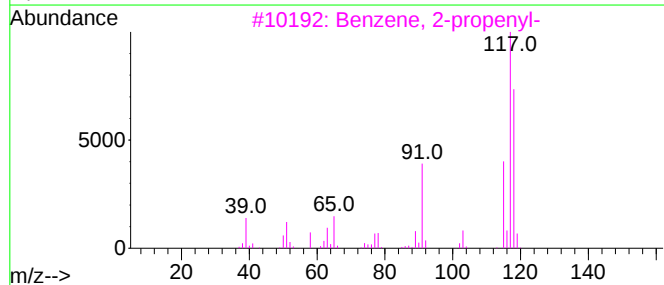
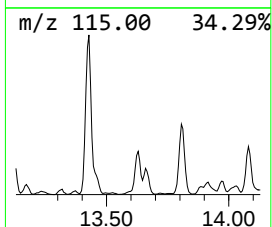
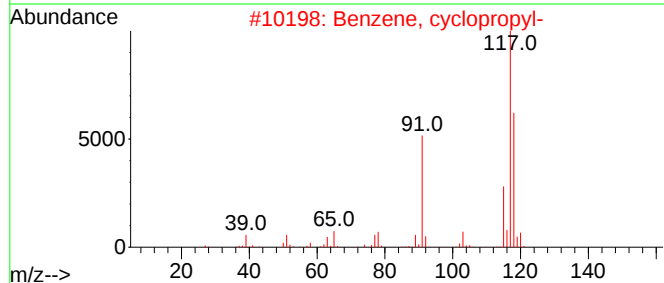
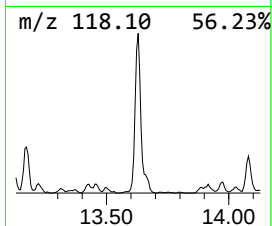
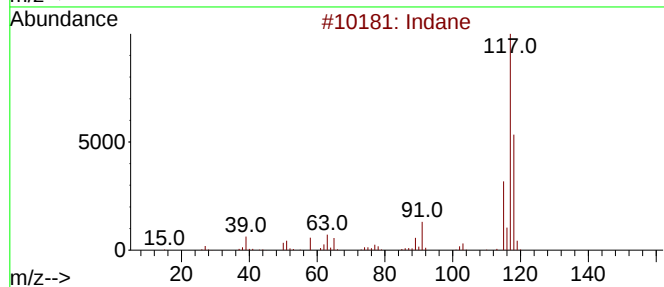
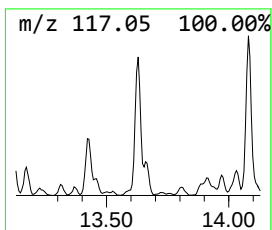
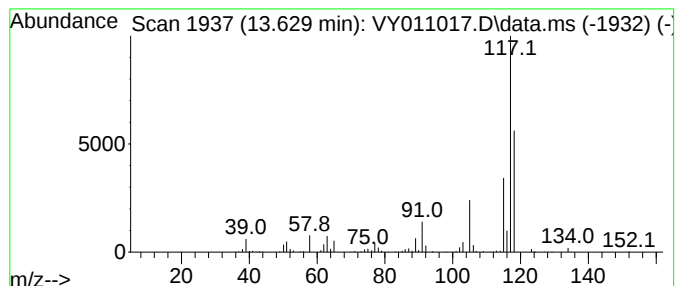
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	12.69 ug/l	209302	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
4			1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	59
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59



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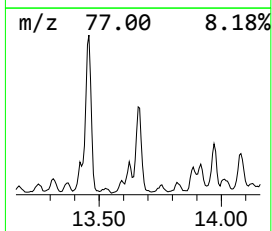
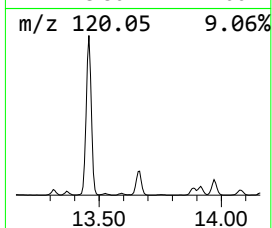
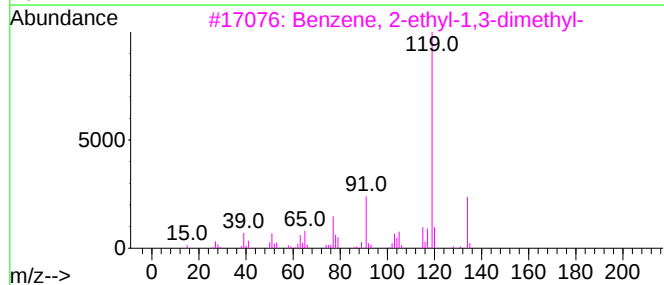
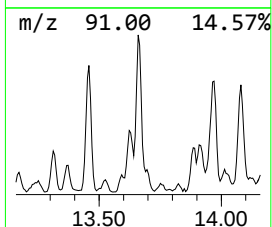
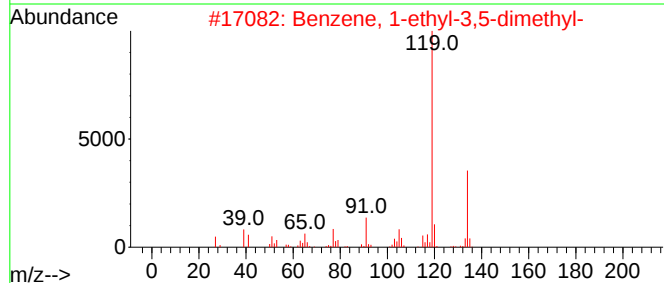
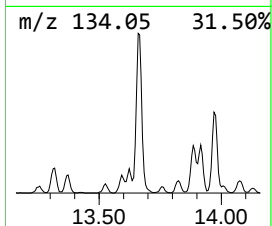
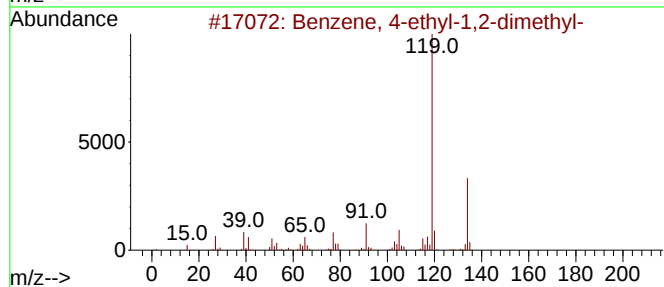
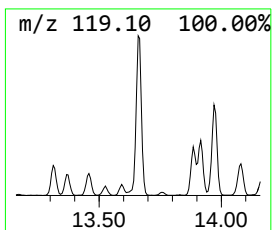
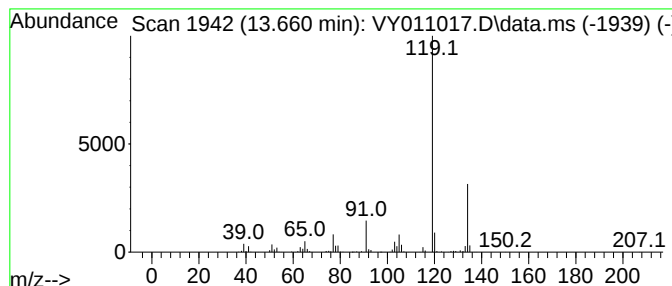
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	28.69 ug/l	473119	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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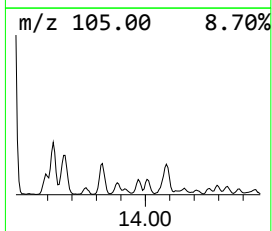
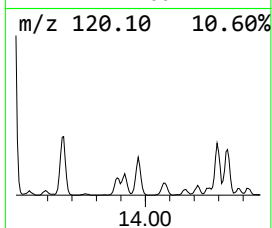
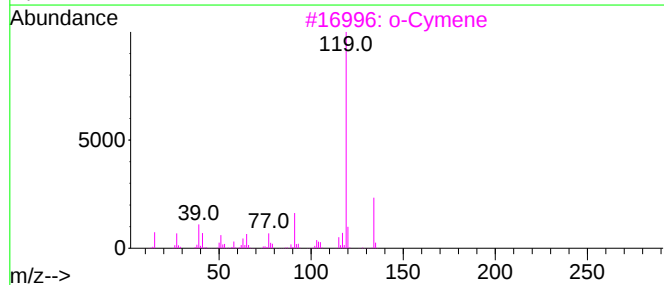
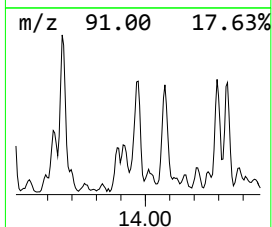
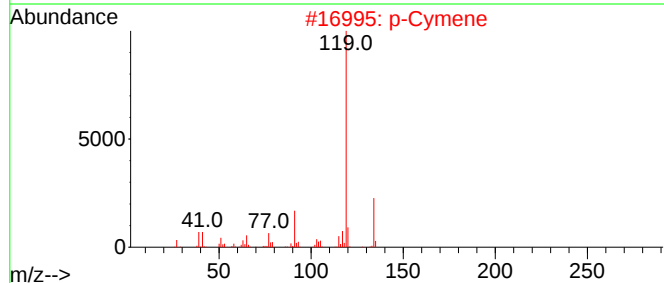
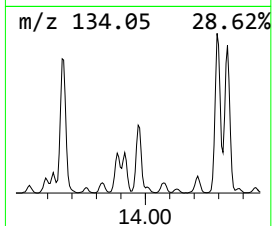
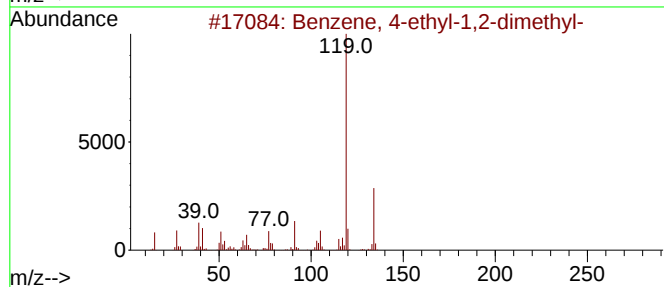
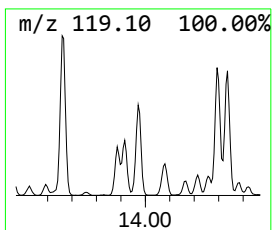
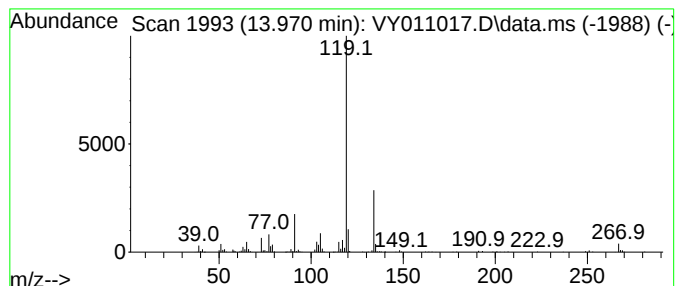
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 4 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	14.90 ug/l	245768	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			p-Cymene	134	C10H14	000099-87-6	93
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



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ClientSampleId :
LSP-SS-03-01-03-D

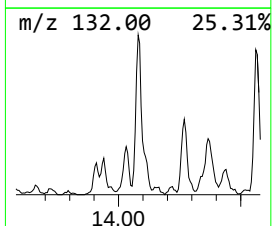
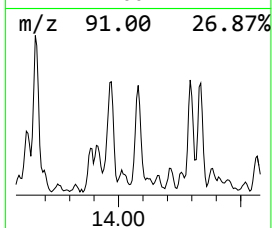
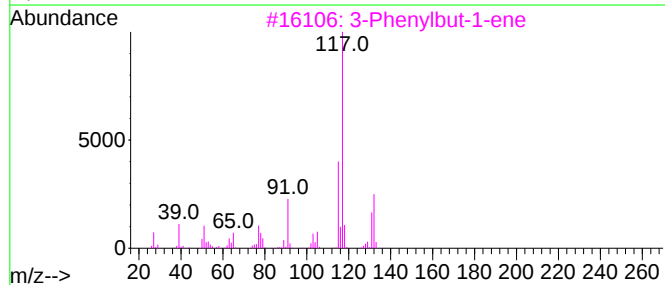
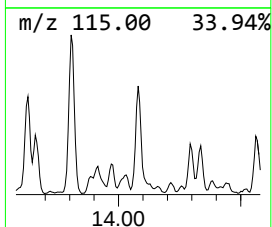
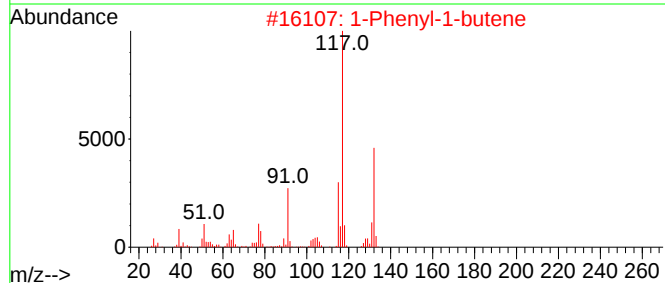
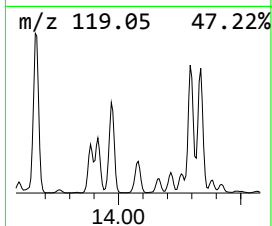
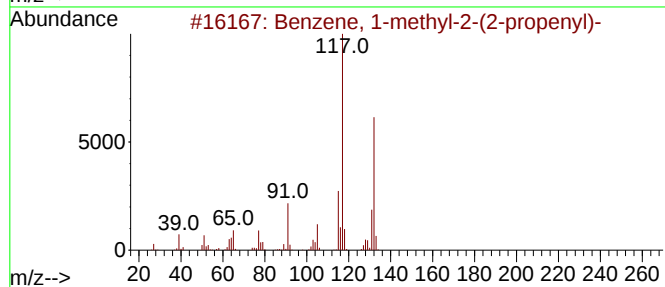
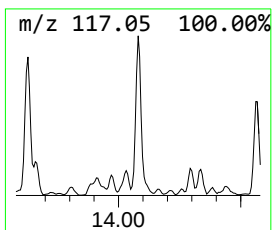
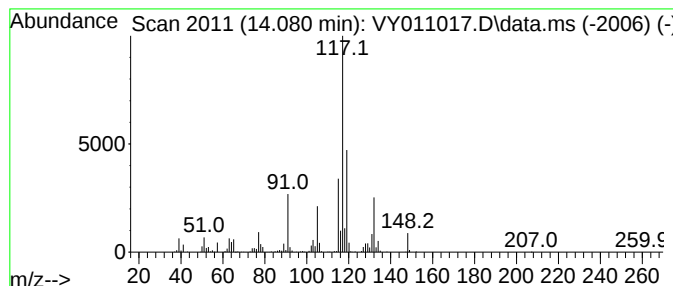
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	19.01 ug/l	313445	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

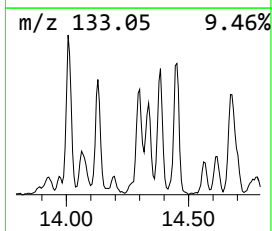
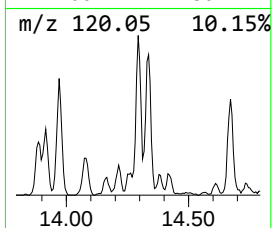
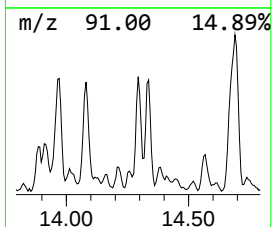
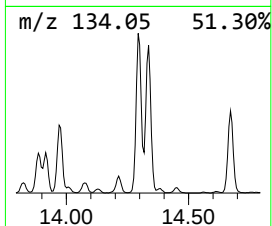
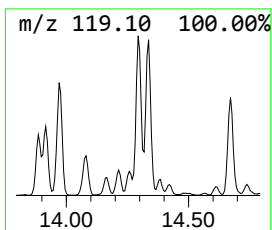
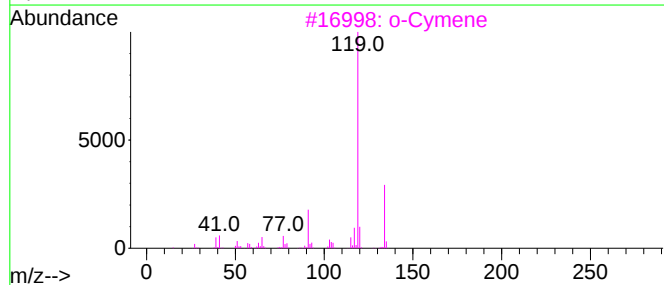
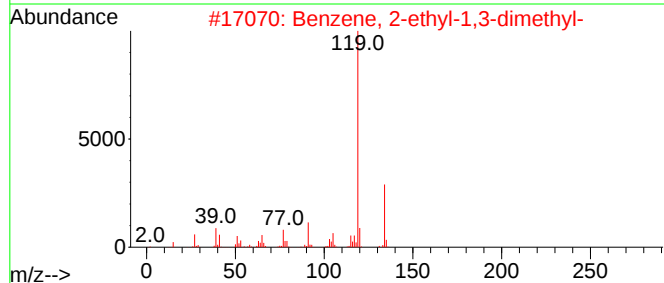
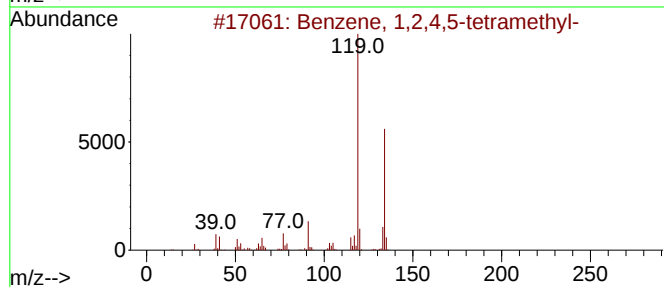
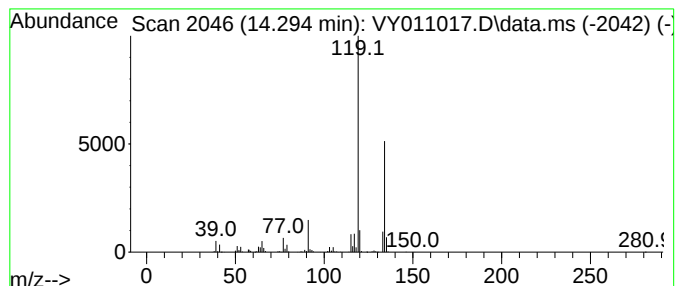
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	21.84 ug/l	360197	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3			o-Cymene	134	C10H14	000527-84-4	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

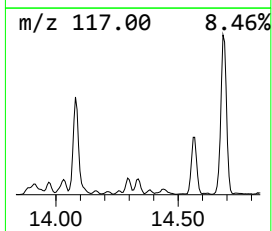
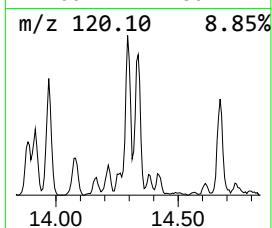
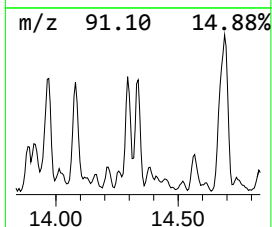
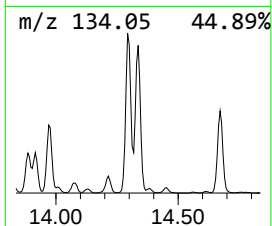
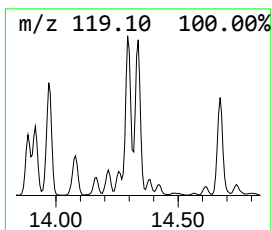
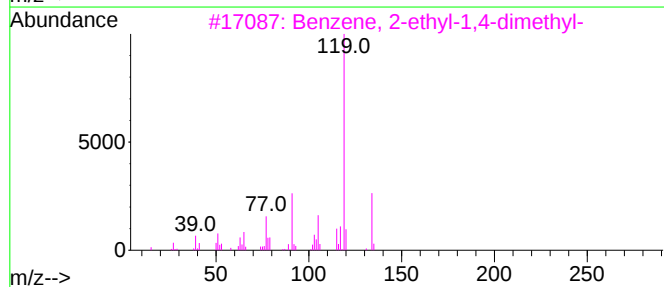
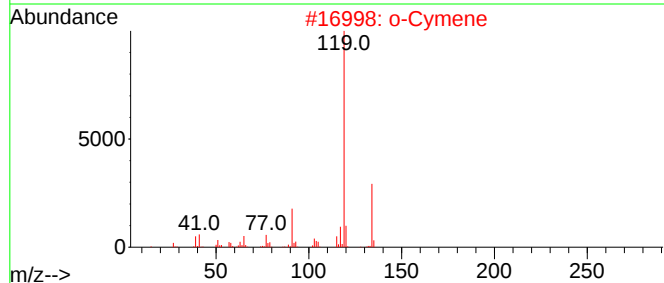
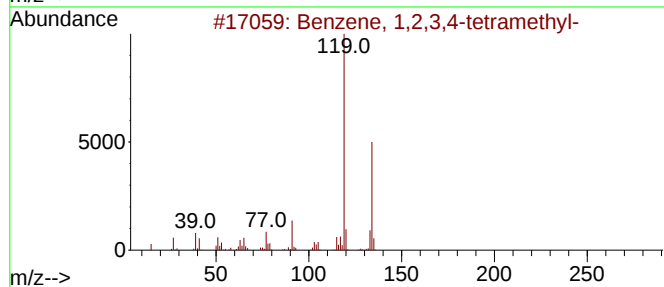
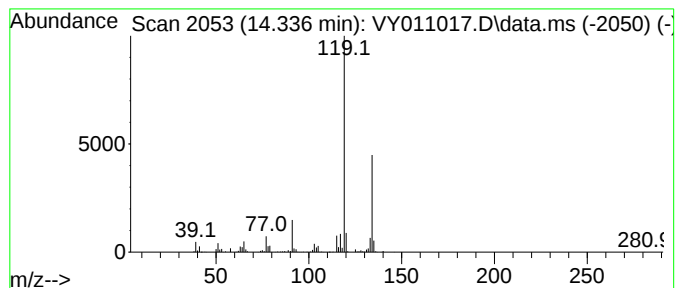
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Quant Title : SW846 8260

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.
14.336	17.50 ug/l	288663	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			o-Cymene	134	C10H14	000527-84-4	93
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

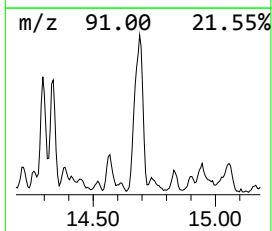
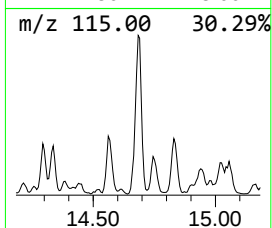
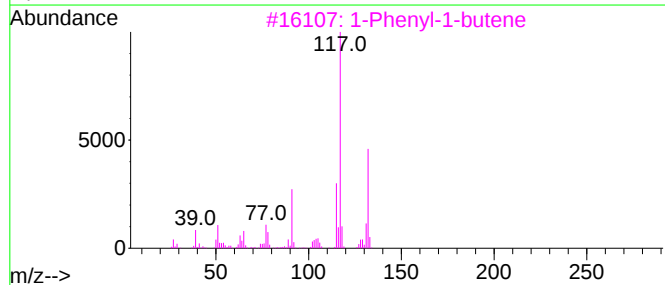
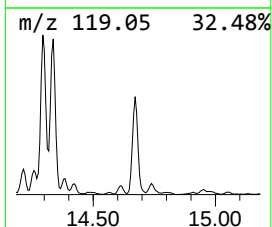
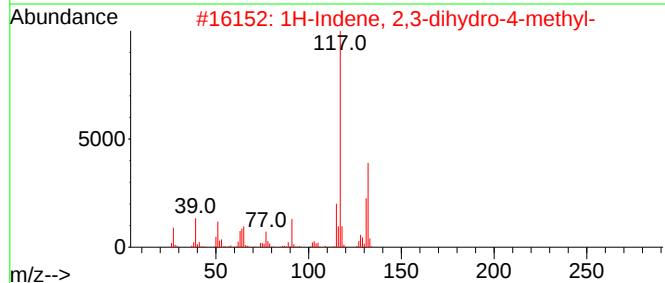
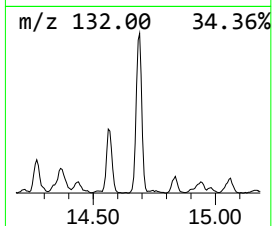
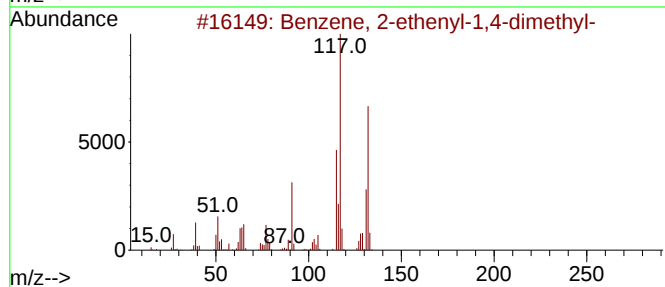
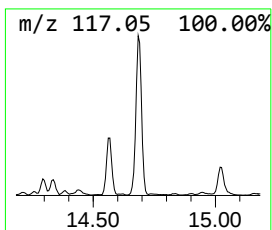
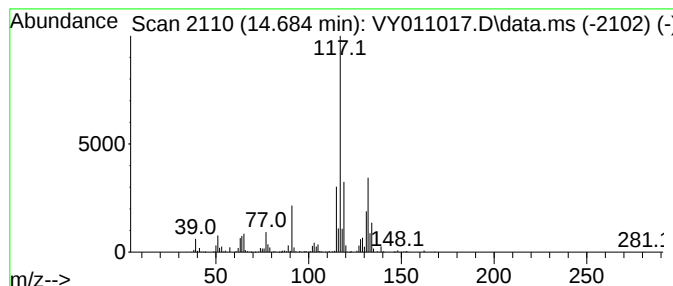
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	40.62 ug/l	669959	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	80
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

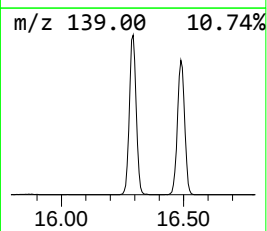
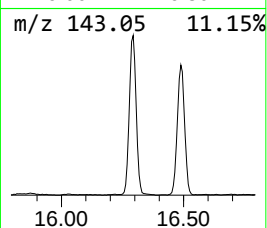
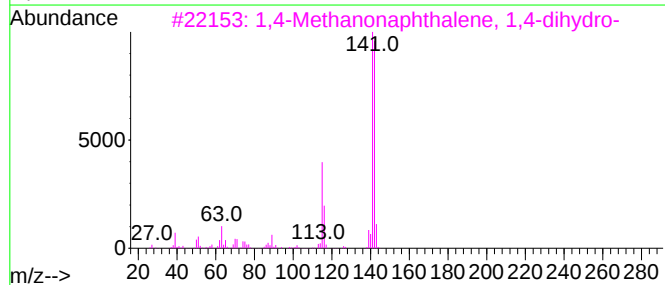
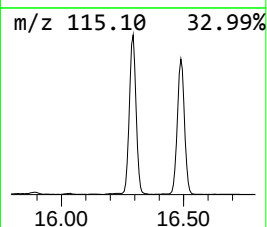
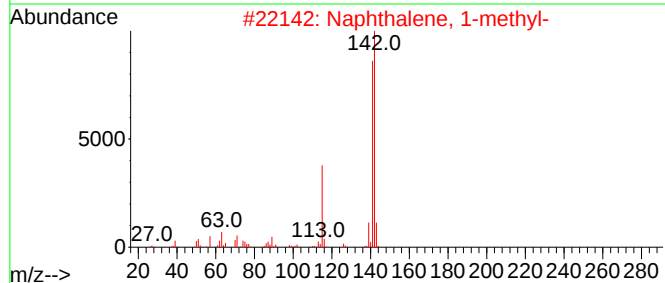
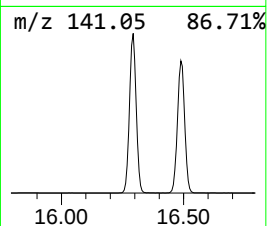
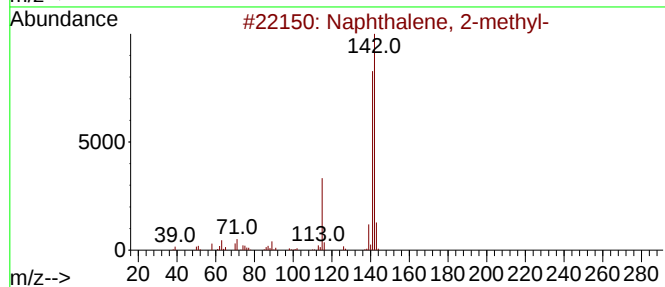
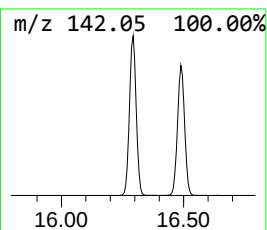
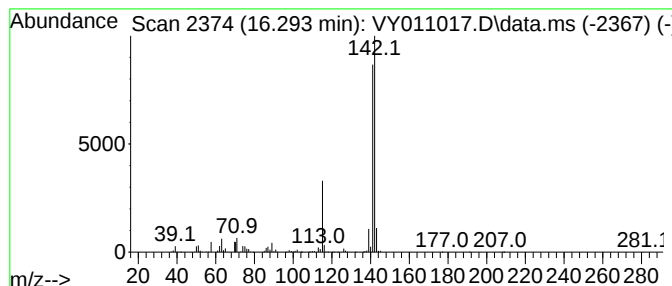
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	146.72 ug/l	2419600	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

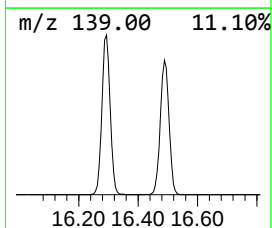
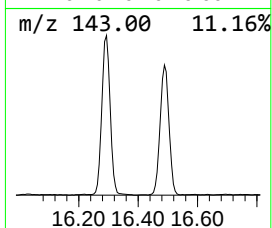
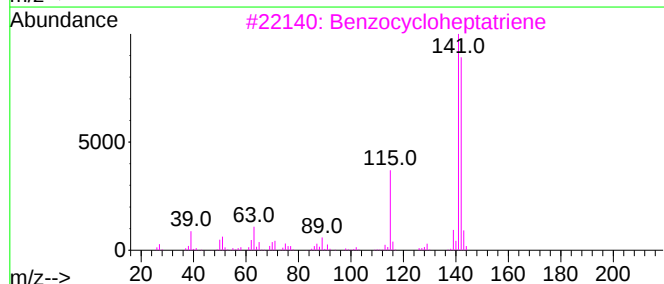
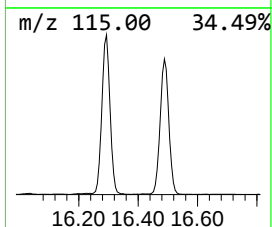
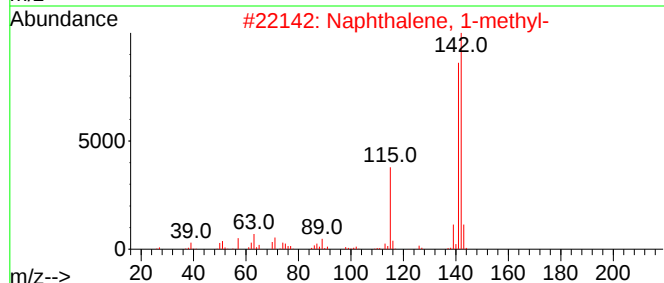
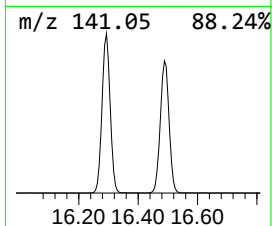
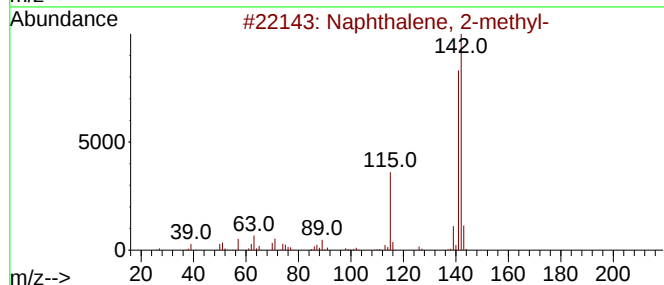
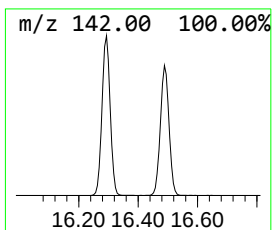
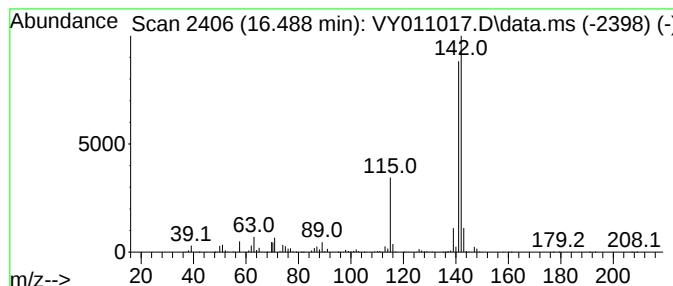
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	132.34 ug/l	2182540	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011017.D
Acq On : 20 Oct 2022 12:12
Operator : KP/MD
Sample : N5193-07
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-01-03-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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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Indane	13.629	12.7	ug/l	209302	4	13.428	824588	50.0
Benzene, 4-ethy...	13.660	28.7	ug/l	473119	4	13.428	824588	50.0
p-Cymene	13.970	14.9	ug/l	245768	4	13.428	824588	50.0
Benzene, 1-meth...	14.080	19.0	ug/l	313445	4	13.428	824588	50.0
Benzene, 1,2,4,...	14.294	21.8	ug/l	360197	4	13.428	824588	50.0
Benzene, 1,2,3,...	14.336	17.5	ug/l	288663	4	13.428	824588	50.0
Benzene, 2-ethe...	14.684	40.6	ug/l	669959	4	13.428	824588	50.0
Naphthalene, 2-...	16.293	146.7	ug/l	2419600	4	13.428	824588	50.0
Naphthalene, 1-...	16.488	132.3	ug/l	2182540	4	13.428	824588	50.0