

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021968.D
 Acq On : 23 Apr 2025 13:53
 Operator : SY/MD
 Sample : Q1850-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

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\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY021968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	267200	629875	32.68%	2.729%
2	7.707	976	982	992	rVB	416909	940506	48.80%	4.076%
3	8.061	1030	1040	1052	rBV	177049	399826	20.74%	1.733%
4	8.469	1100	1107	1115	rBV3	13190	27002	1.40%	0.117%
5	8.615	1122	1131	1143	rBV	687285	1332372	69.13%	5.774%
6	9.109	1199	1212	1219	rBV	48562	111917	5.81%	0.485%
7	9.749	1311	1317	1327	rVB3	21808	50553	2.62%	0.219%
8	9.883	1330	1339	1349	rBV6	13516	37876	1.97%	0.164%
9	10.109	1368	1376	1388	rBV	1095621	1927378	100.00%	8.352%
10	10.298	1399	1407	1413	rVB5	25679	64547	3.35%	0.280%
11	10.450	1428	1432	1438	rVB	19529	32337	1.68%	0.140%
12	10.542	1438	1447	1453	rBV6	15938	35612	1.85%	0.154%
13	10.731	1473	1478	1483	rVB	19712	30903	1.60%	0.134%
14	10.962	1512	1516	1520	rVV	27408	42796	2.22%	0.185%
15	11.017	1520	1525	1531	rVB	66161	108522	5.63%	0.470%
16	11.133	1538	1544	1549	rVB3	18840	34754	1.80%	0.151%
17	11.212	1549	1557	1568	rVB5	41238	95329	4.95%	0.413%
18	11.310	1568	1573	1583	rBV	37261	66915	3.47%	0.290%
19	11.414	1583	1590	1600	rBV	940276	1536426	79.72%	6.658%
20	11.517	1602	1607	1610	rBV2	19405	30761	1.60%	0.133%
21	11.609	1616	1622	1625	rBV5	21843	48904	2.54%	0.212%
22	11.664	1628	1631	1635	rVB3	18647	30102	1.56%	0.130%
23	11.932	1667	1675	1682	rBV6	35806	101398	5.26%	0.439%
24	12.054	1690	1695	1698	rVB	40868	55465	2.88%	0.240%
25	12.127	1702	1707	1710	rVV4	37976	65083	3.38%	0.282%
26	12.163	1710	1713	1719	rVV5	44025	86353	4.48%	0.374%
27	12.255	1723	1728	1732	rVV	40152	64219	3.33%	0.278%
28	12.340	1732	1742	1745	rVV6	33346	94506	4.90%	0.410%
29	12.407	1748	1753	1758	rVV	684903	1054954	54.74%	4.572%
30	12.444	1758	1759	1764	rVB2	24206	25543	1.33%	0.111%
31	12.566	1774	1779	1781	rBV2	61946	92911	4.82%	0.403%
32	12.590	1781	1783	1788	rVB	74307	102490	5.32%	0.444%
33	12.651	1788	1793	1797	rBV6	15504	30928	1.60%	0.134%
34	12.730	1797	1806	1811	rBV5	55395	137987	7.16%	0.598%
35	12.895	1825	1833	1837	rBV2	41130	102828	5.34%	0.446%
36	12.962	1840	1844	1852	rVB	71718	113177	5.87%	0.490%

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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 >

Peak separation: 5

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37	13.041	1852	1857	1862	rBV	37235	59235	3.07%	0.257%
38	13.090	1862	1865	1871	rBV6	17502	27912	1.45%	0.121%
39	13.169	1871	1878	1883	rBV4	37830	87655	4.55%	0.380%
40	13.236	1883	1889	1893	rBV4	40237	79375	4.12%	0.344%
41	13.285	1893	1897	1900	rBV4	29961	35155	1.82%	0.152%
42	13.346	1900	1907	1916	rVB	831881	1298803	67.39%	5.628%
43	13.425	1917	1920	1926	rVB4	23175	36983	1.92%	0.160%
44	13.511	1926	1934	1937	rBV3	80334	162406	8.43%	0.704%
45	13.547	1937	1940	1944	rVB	163119	217648	11.29%	0.943%
46	13.596	1944	1948	1950	rBV	54593	83467	4.33%	0.362%
47	13.669	1955	1960	1965	rBV3	86885	156968	8.14%	0.680%
48	13.718	1965	1968	1971	rBV4	15159	22609	1.17%	0.098%
49	13.803	1979	1982	1985	rBV	26869	34444	1.79%	0.149%
50	13.834	1985	1987	1991	rVB3	24231	24998	1.30%	0.108%
51	13.889	1991	1996	2001	rVB	310565	450709	23.38%	1.953%
52	13.950	2001	2006	2009	rBV2	57138	84708	4.39%	0.367%
53	13.999	2009	2014	2019	rVB	343946	528133	27.40%	2.289%
54	14.066	2021	2025	2030	rVB6	32394	64200	3.33%	0.278%
55	14.175	2030	2043	2045	rBV8	76522	222233	11.53%	0.963%
56	14.218	2045	2050	2059	rVB	245618	509249	26.42%	2.207%
57	14.297	2059	2063	2067	rBV2	100295	157585	8.18%	0.683%
58	14.334	2067	2069	2073	rVV3	42853	54124	2.81%	0.235%
59	14.431	2083	2085	2089	rVB3	44587	57589	2.99%	0.250%
60	14.480	2089	2093	2099	rBV2	227808	395414	20.52%	1.713%
61	14.535	2099	2102	2105	rVB2	76191	95345	4.95%	0.413%
62	14.596	2105	2112	2118	rBV2	668761	1355625	70.34%	5.874%
63	14.651	2118	2121	2128	rVB4	168461	298006	15.46%	1.291%
64	14.748	2134	2137	2142	rVB3	36178	46854	2.43%	0.203%
65	14.858	2145	2155	2159	rBV3	317769	659989	34.24%	2.860%
66	14.895	2159	2161	2166	rVV	110018	156360	8.11%	0.678%
67	14.968	2167	2173	2179	rVB2	340956	643492	33.39%	2.789%
68	15.120	2192	2198	2206	rVB6	133154	313677	16.27%	1.359%
69	15.200	2208	2211	2214	rBV5	22775	28258	1.47%	0.122%
70	15.248	2214	2219	2224	rBV2	148849	270830	14.05%	1.174%
71	15.303	2224	2228	2231	rVB	92705	136836	7.10%	0.593%
72	15.340	2231	2234	2242	rVB8	62846	131171	6.81%	0.568%
73	15.431	2242	2249	2255	rBV	194566	406534	21.09%	1.762%
74	15.510	2257	2262	2266	rVB4	76905	128168	6.65%	0.555%
75	15.590	2267	2275	2279	rBV4	154175	391148	20.29%	1.695%
76	15.712	2291	2295	2300	rVB3	71492	115256	5.98%	0.499%

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77	15.779	2300	2306	2312	rBV3	145928	333549	17.31%	1.445%
78	15.925	2323	2330	2334	rBV3	118148	246484	12.79%	1.068%
79	16.047	2346	2350	2354	rBV3	57431	92272	4.79%	0.400%
80	16.175	2365	2371	2386	rVB	627440	1301513	67.53%	5.640%
81	16.370	2396	2403	2415	rVB	582093	1289045	66.88%	5.586%
82	16.474	2417	2420	2425	rBV4	25646	41526	2.15%	0.180%

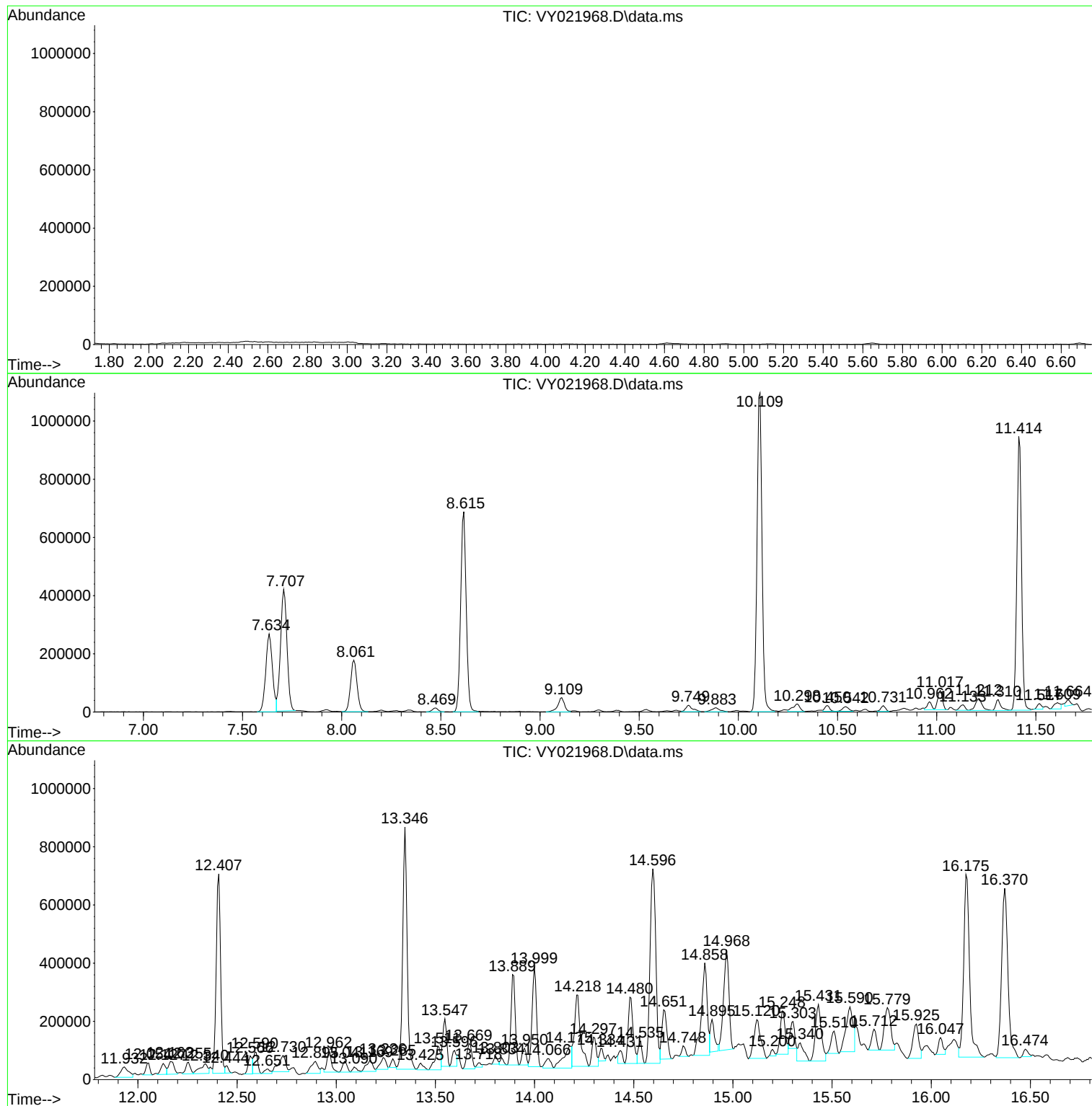
Sum of corrected areas: 23076595

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



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Sample : Q1850-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

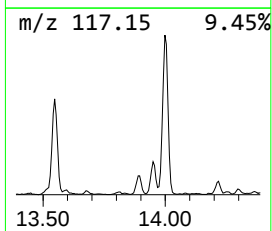
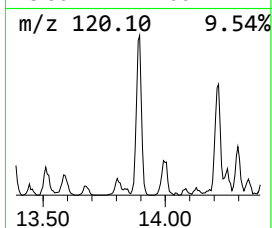
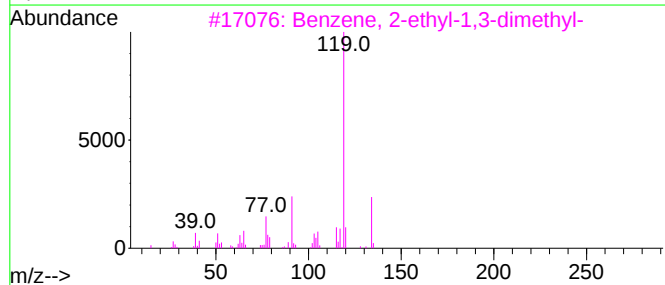
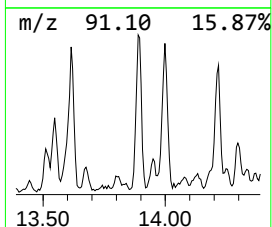
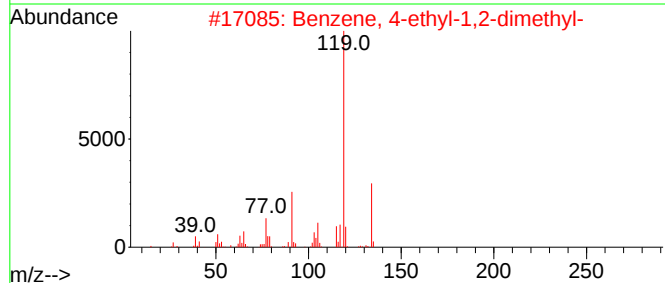
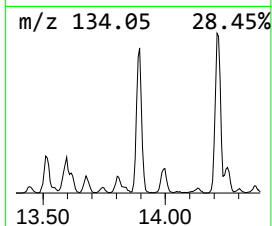
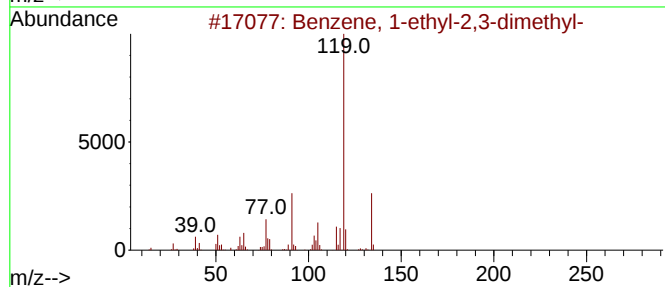
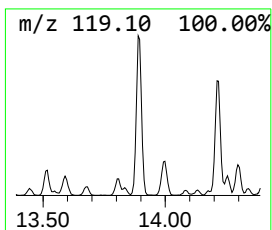
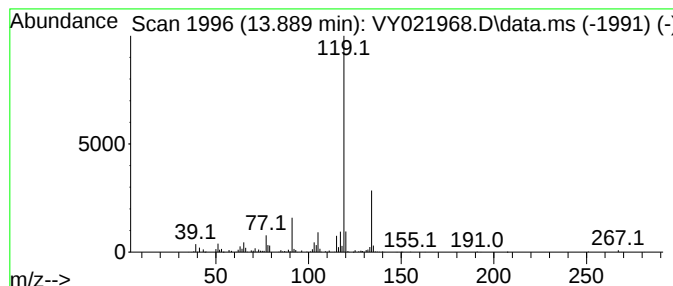
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	17.35 ug/l	450709	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



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ALS Vial : 8 Sample Multiplier: 1

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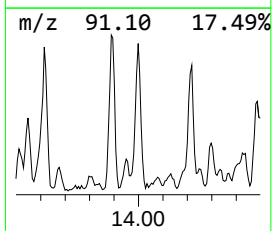
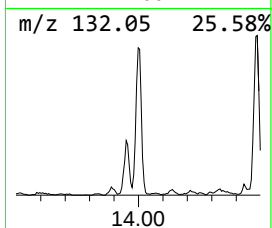
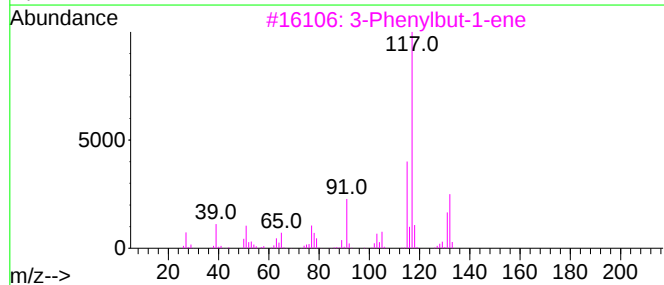
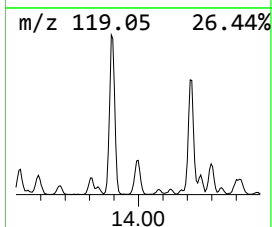
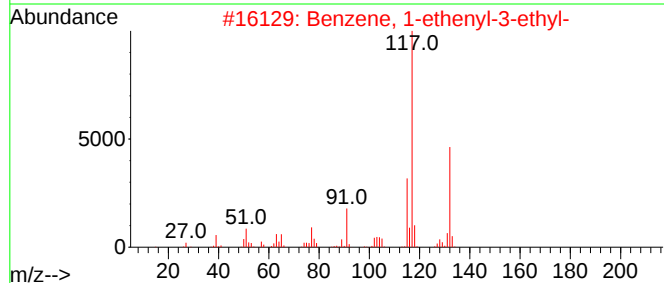
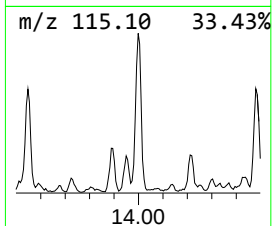
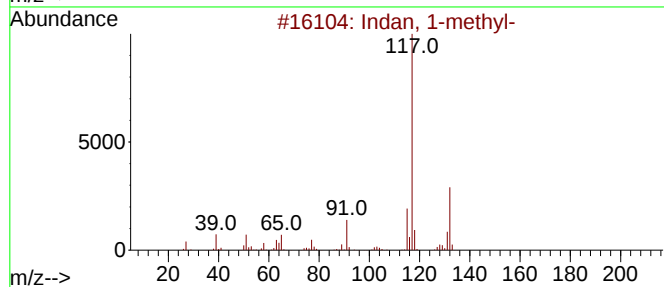
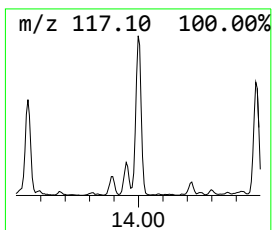
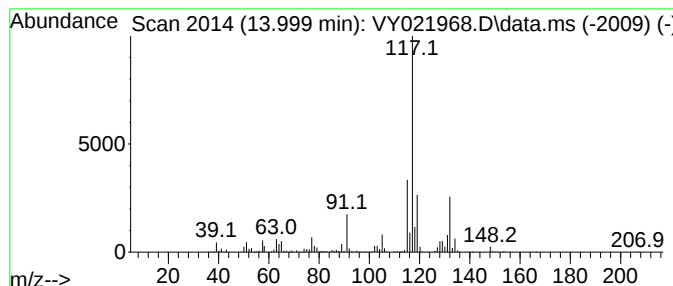
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	20.33 ug/l	528133	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	76
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72



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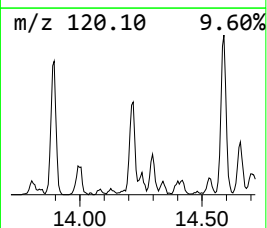
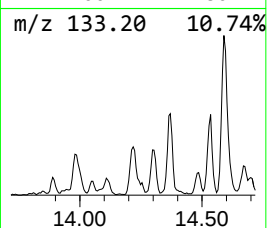
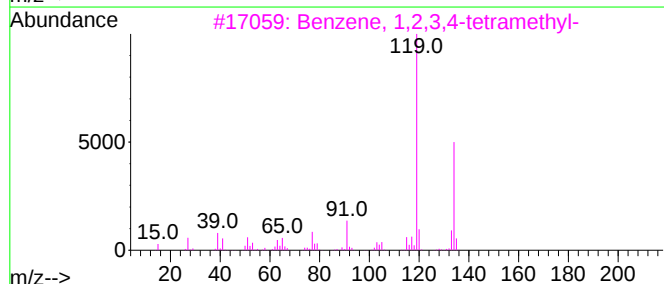
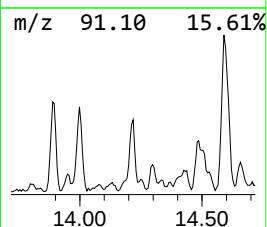
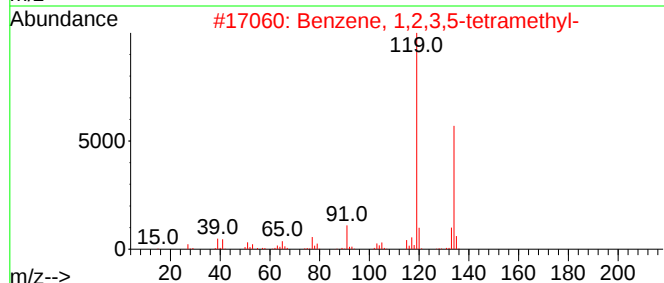
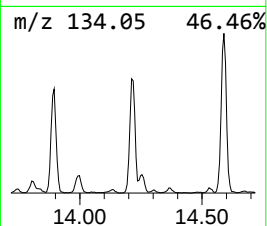
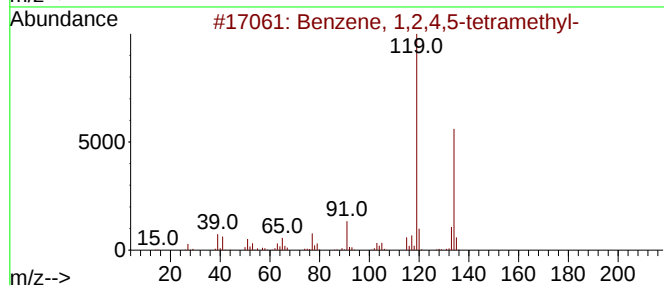
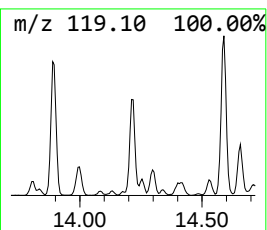
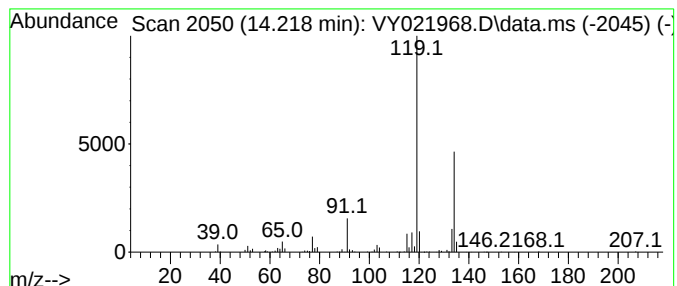
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.218	19.60 ug/l	509249	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



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CONCRETE-PILE-N-C-LOT

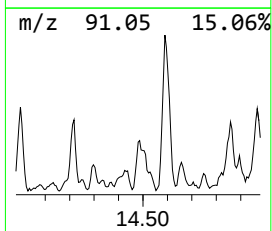
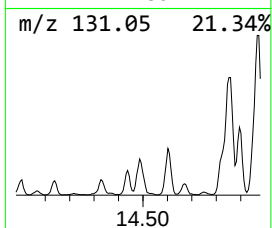
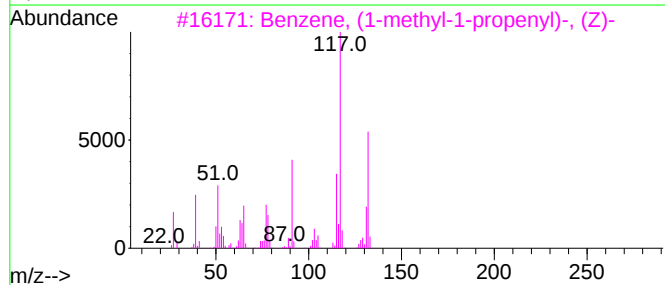
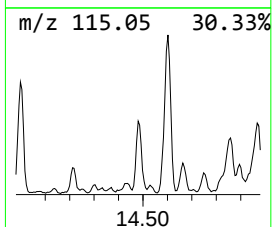
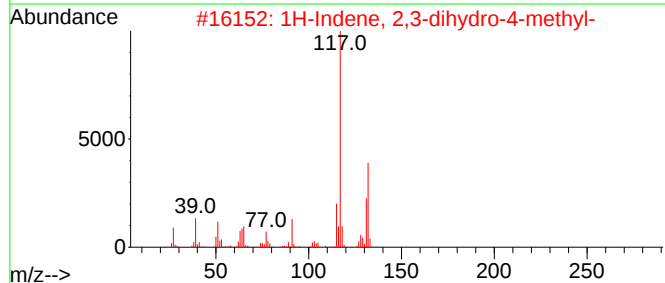
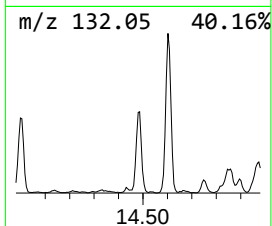
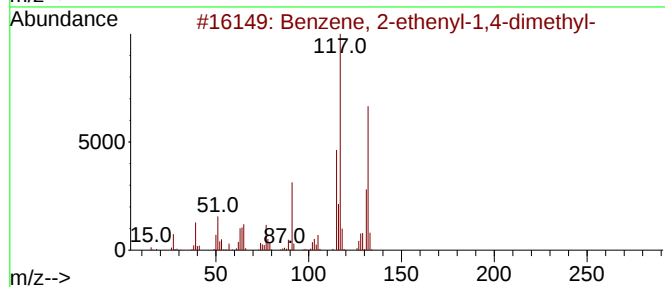
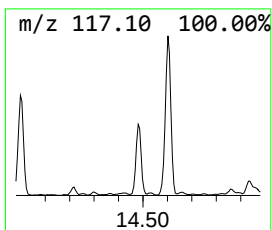
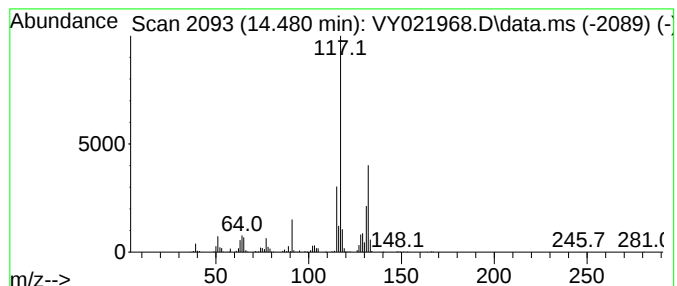
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	15.22 ug/l	395414	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

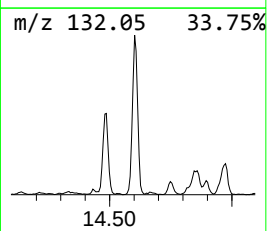
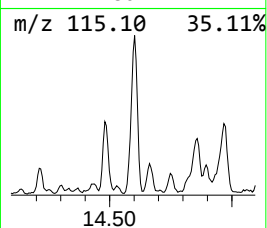
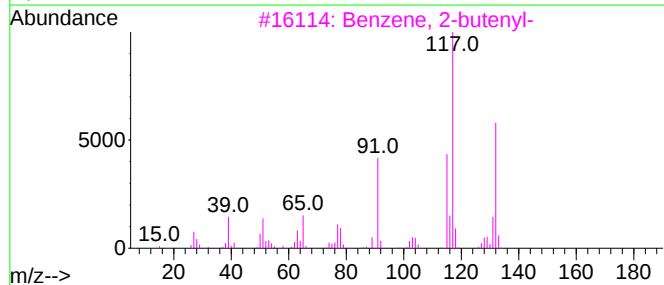
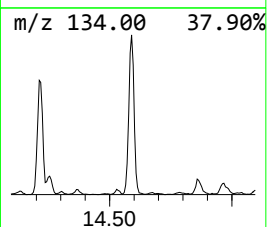
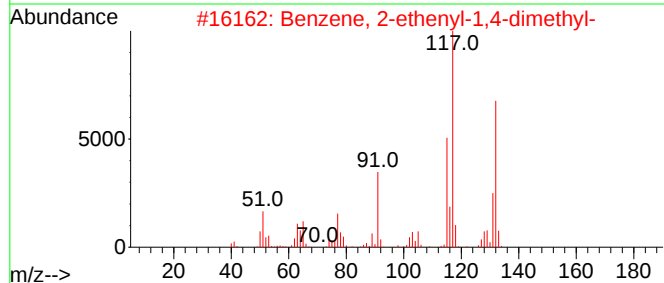
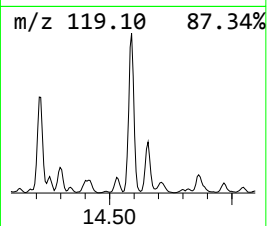
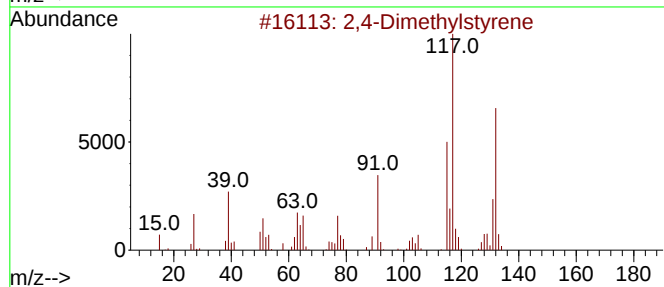
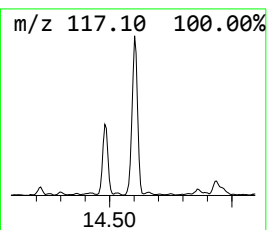
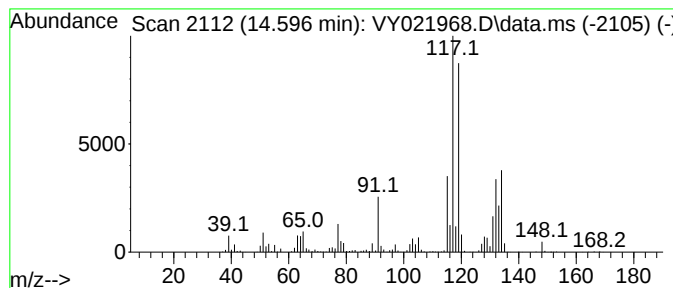
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Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	52.19 ug/l	1355630	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

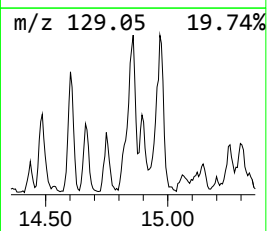
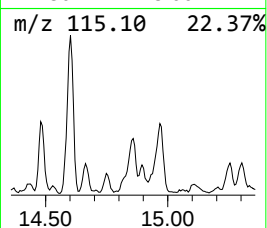
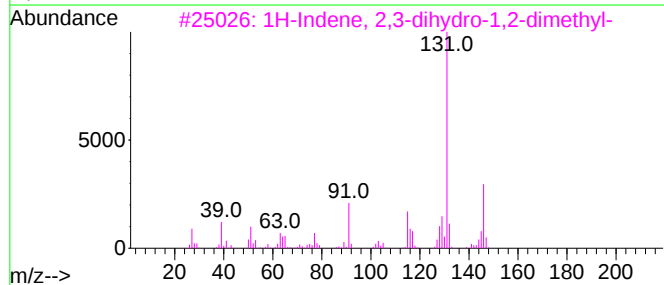
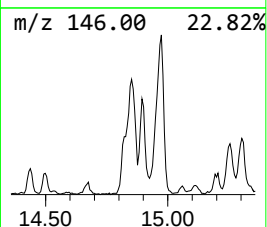
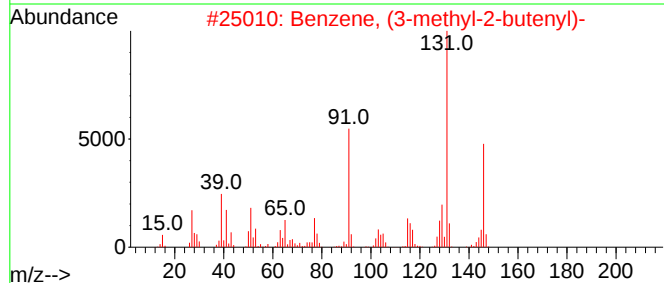
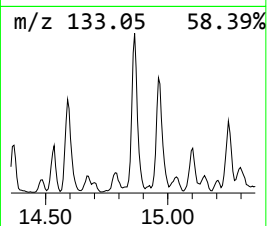
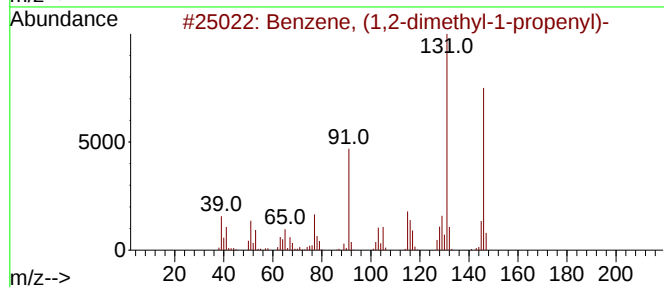
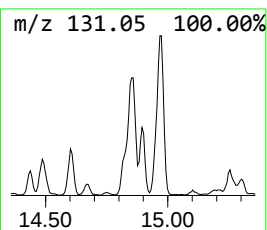
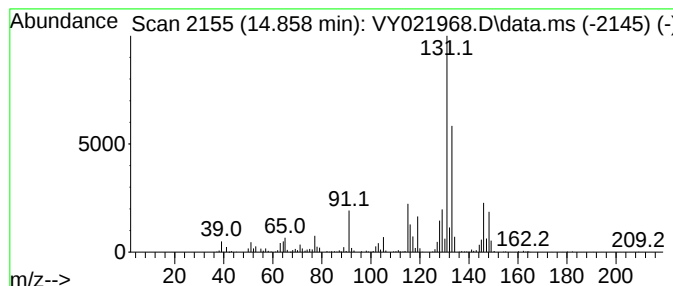
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	25.41 ug/l	659989	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

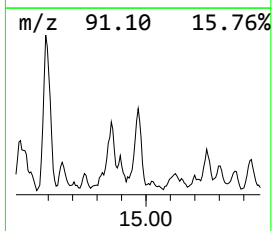
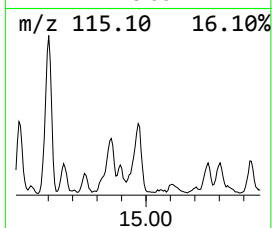
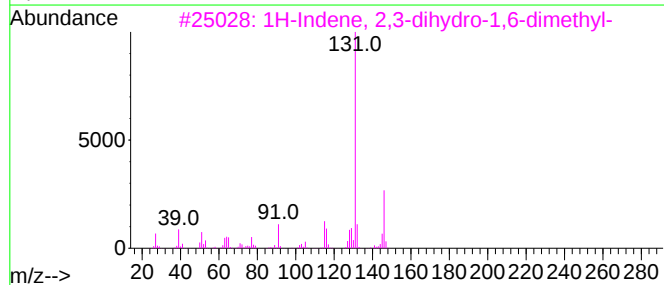
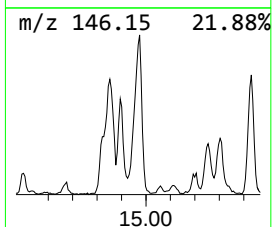
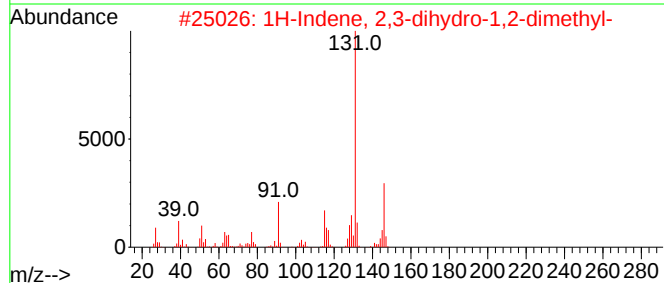
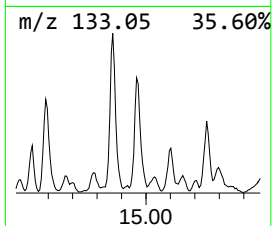
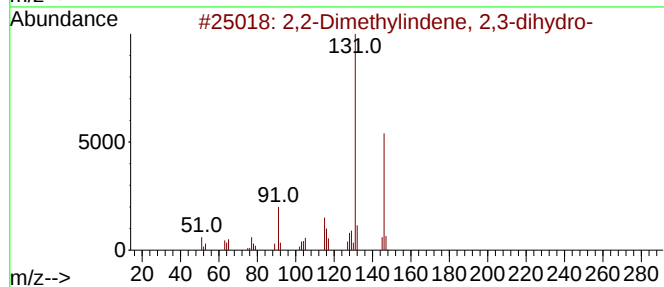
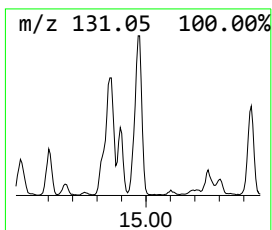
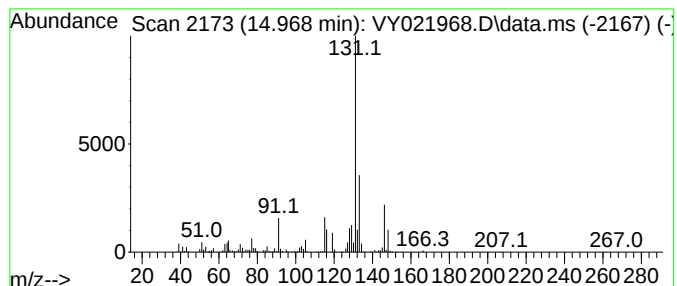
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Quant Title : SW846 8260

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

Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	24.77 ug/l	643492	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

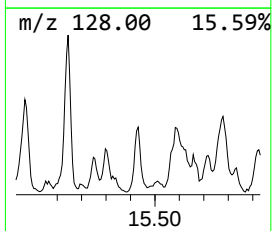
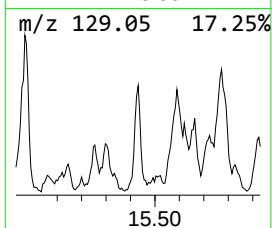
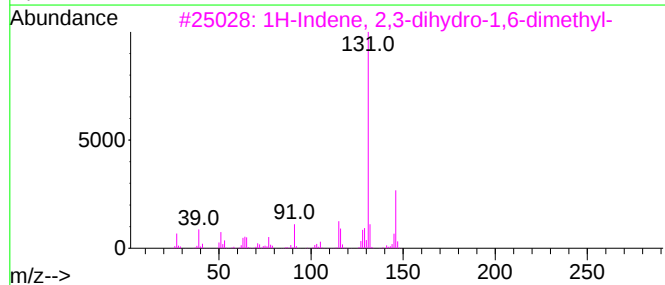
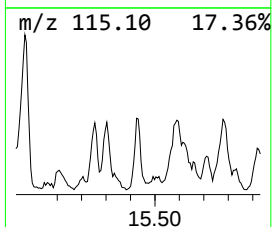
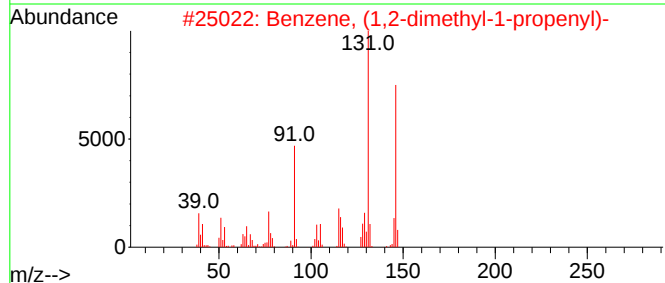
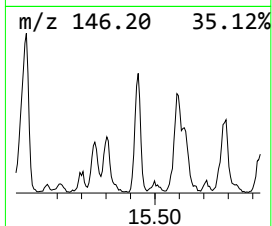
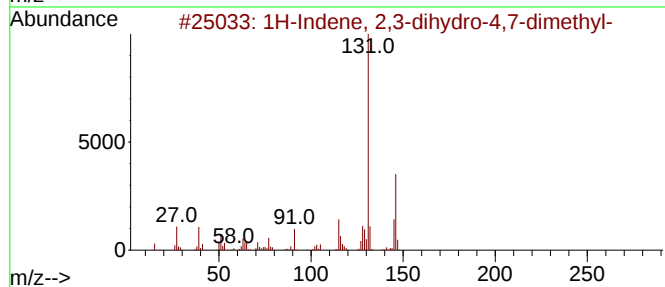
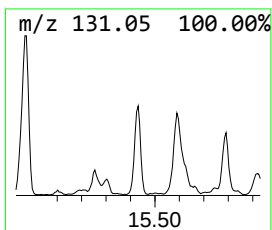
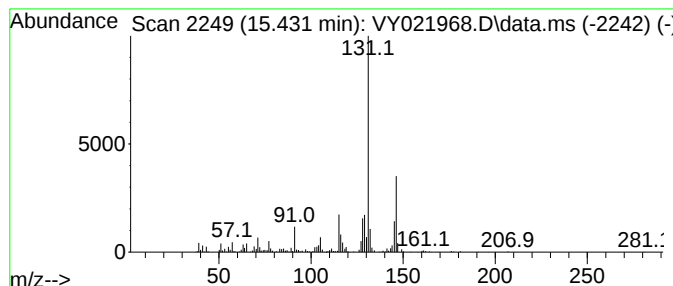
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.431	15.65 ug/l	406534	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

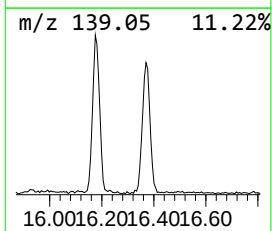
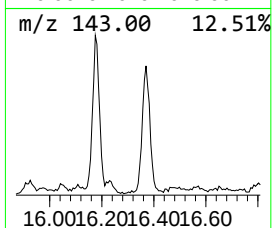
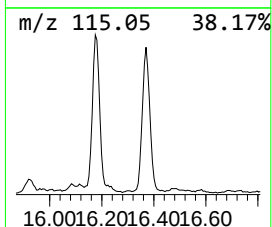
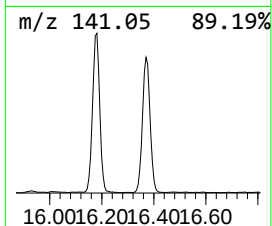
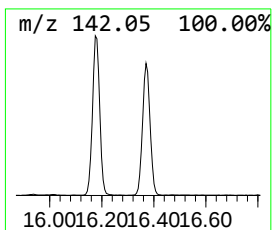
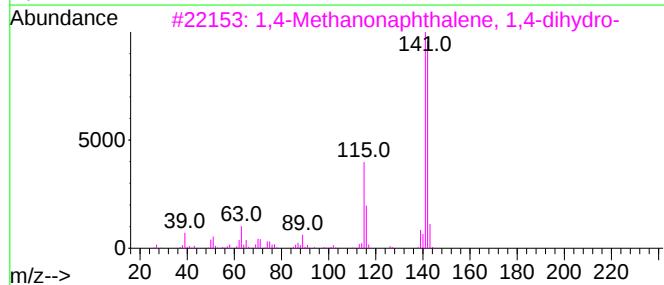
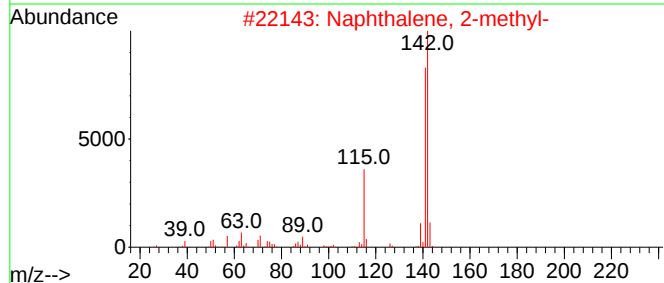
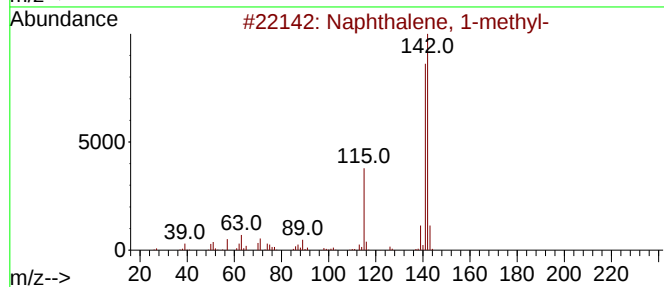
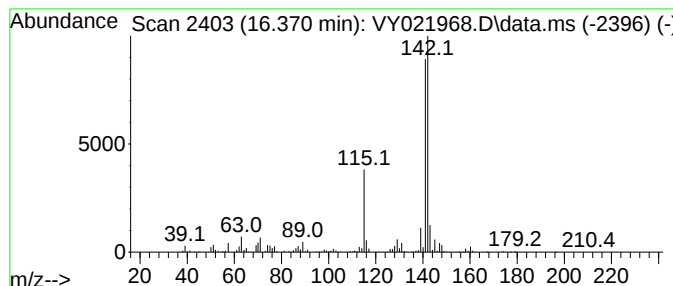
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.370	49.62 ug/l	1289050	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			2-Naphthaleneethanol	172	C12H12O	001485-07-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021968.D
Acq On : 23 Apr 2025 13:53
Operator : SY/MD
Sample : Q1850-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-PILE-N-C-LOT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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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Indan, 1-methyl-	13.999	20.3	ug/l	528133	4	13.346	1298800	50.0
Benzene, 1,2,4,...	14.218	19.6	ug/l	509249	4	13.346	1298800	50.0
Benzene, 2-ethe...	14.480	15.2	ug/l	395414	4	13.346	1298800	50.0
2,4-Dimethylsty...	14.596	52.2	ug/l	1355630	4	13.346	1298800	50.0
Benzene, (1,2-d...	14.858	25.4	ug/l	659989	4	13.346	1298800	50.0
2,2-Dimethylind...	14.968	24.8	ug/l	643492	4	13.346	1298800	50.0
1H-Indene, 2,3-...	15.431	15.7	ug/l	406534	4	13.346	1298800	50.0
Naphthalene, 1-...	16.370	49.6	ug/l	1289050	4	13.346	1298800	50.0