

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017871.D
 Acq On : 05 Apr 2024 15:17
 Operator : SY/MD
 Sample : P1995-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00119

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\82Y032924S.M
 Title : SW846 8260

Signal : TIC: VY017871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.912	10	15	23	rVB	32626	48745	8.10%	0.694%
2	2.229	59	67	78	rBV2	36988	87099	14.48%	1.240%
3	2.912	171	179	189	rBV2	45797	105172	17.48%	1.498%
4	3.265	229	237	246	rBV	16622	38312	6.37%	0.546%
5	3.960	341	351	360	rBV5	4379	13948	2.32%	0.199%
6	4.223	385	394	404	rBV3	3174	9494	1.58%	0.135%
7	4.735	466	478	500	rVB6	23883	113868	18.93%	1.622%
8	4.960	502	515	526	rBV3	2495	9914	1.65%	0.141%
9	5.265	552	565	576	rBV4	6001	21881	3.64%	0.312%
10	5.771	634	648	662	rVB	15523	47469	7.89%	0.676%
11	6.807	811	818	828	rVB6	4619	14039	2.33%	0.200%
12	6.990	834	848	859	rBV	6581	21090	3.51%	0.300%
13	7.728	958	969	975	rBV3	125816	332895	55.33%	4.741%
14	7.801	975	981	991	rVV	157411	364437	60.58%	5.190%
15	7.880	991	994	1003	rVB5	3278	6515	1.08%	0.093%
16	8.015	1007	1016	1030	rBV4	8986	23096	3.84%	0.329%
17	8.155	1030	1039	1050	rBV2	96439	252705	42.00%	3.599%
18	8.563	1098	1106	1113	rBV3	17352	33991	5.65%	0.484%
19	8.703	1119	1129	1142	rBV	241025	474258	78.83%	6.754%
20	9.197	1197	1210	1216	rBV2	28219	62801	10.44%	0.894%
21	9.831	1308	1314	1318	rBV2	7985	14055	2.34%	0.200%
22	9.972	1328	1337	1346	rBV6	6681	15474	2.57%	0.220%
23	10.191	1366	1373	1379	rBV	364474	601611	100.00%	8.568%
24	10.258	1379	1384	1390	rVB	44891	79388	13.20%	1.131%
25	10.380	1396	1404	1411	rVB3	18578	34673	5.76%	0.494%
26	10.532	1424	1429	1434	rBV	9009	15261	2.54%	0.217%
27	10.593	1434	1439	1440	rVV	5447	8069	1.34%	0.115%
28	10.630	1441	1445	1451	rVB3	11750	21544	3.58%	0.307%
29	10.813	1469	1475	1480	rBV3	4610	7736	1.29%	0.110%
30	11.014	1505	1508	1509	rVV2	8935	11091	1.84%	0.158%
31	11.051	1509	1514	1519	rVV	31912	56935	9.46%	0.811%
32	11.099	1519	1522	1528	rVB	10338	16070	2.67%	0.229%
33	11.209	1535	1540	1545	rBV4	4711	8766	1.46%	0.125%
34	11.307	1548	1556	1565	rVB4	14510	41076	6.83%	0.585%
35	11.392	1565	1570	1573	rBV3	8556	13704	2.28%	0.195%
36	11.502	1582	1588	1599	rVB	255557	412278	68.53%	5.871%

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37	11.605	1599	1605	1608	rBV	23015	39091	6.50%	0.557%
38	11.636	1608	1610	1614	rVB2	10351	12849	2.14%	0.183%
39	11.715	1614	1623	1632	rBV3	82290	225877	37.55%	3.217%
40	11.788	1632	1635	1641	rVB3	16987	28356	4.71%	0.404%
41	11.941	1652	1660	1665	rVB6	3544	7353	1.22%	0.105%
42	12.038	1665	1676	1685	rBV2	64305	181051	30.09%	2.578%
43	12.136	1688	1692	1694	rBV2	6303	7079	1.18%	0.101%
44	12.178	1694	1699	1702	rBV	28384	44592	7.41%	0.635%
45	12.215	1702	1705	1707	rVV3	8797	11364	1.89%	0.162%
46	12.264	1707	1713	1721	rVB3	45077	91325	15.18%	1.301%
47	12.349	1721	1727	1731	rBV3	23562	41463	6.89%	0.590%
48	12.398	1731	1735	1737	rBV5	6781	10167	1.69%	0.145%
49	12.495	1745	1751	1756	rBV2	138372	222872	37.05%	3.174%
50	12.575	1760	1764	1769	rVB5	6876	11837	1.97%	0.169%
51	12.672	1774	1780	1785	rVB2	17152	40248	6.69%	0.573%
52	12.745	1785	1792	1795	rBV3	58407	101789	16.92%	1.450%
53	12.782	1795	1798	1800	rVV2	25978	40132	6.67%	0.572%
54	12.819	1800	1804	1809	rVB3	97698	162844	27.07%	2.319%
55	12.873	1809	1813	1818	rVB2	30566	42637	7.09%	0.607%
56	12.928	1818	1822	1824	rBV2	5143	8387	1.39%	0.119%
57	12.983	1824	1831	1834	rBV3	15095	39381	6.55%	0.561%
58	13.026	1835	1838	1839	rBV2	6551	7339	1.22%	0.105%
59	13.056	1839	1843	1849	rVB	57982	101782	16.92%	1.449%
60	13.129	1849	1855	1860	rBV	117638	190415	31.65%	2.712%
61	13.209	1862	1868	1872	rVB7	12926	29113	4.84%	0.415%
62	13.257	1872	1876	1880	rBV3	16038	25290	4.20%	0.360%
63	13.331	1880	1888	1892	rBV5	47918	117044	19.46%	1.667%
64	13.440	1900	1906	1908	rBV	64383	102669	17.07%	1.462%
65	13.562	1919	1926	1931	rVV5	31213	68701	11.42%	0.978%
66	13.635	1933	1938	1942	rBV2	50611	81611	13.57%	1.162%
67	13.678	1942	1945	1948	rBV2	15820	21608	3.59%	0.308%
68	13.764	1953	1959	1964	rBV2	81203	153870	25.58%	2.191%
69	13.861	1969	1975	1978	rBV4	21544	41693	6.93%	0.594%
70	13.928	1983	1986	1990	rVV4	20295	37353	6.21%	0.532%
71	13.977	1990	1994	1999	rVB3	34386	60863	10.12%	0.867%
72	14.087	2007	2012	2017	rBV3	68052	116050	19.29%	1.653%
73	14.141	2017	2021	2029	rBV8	32426	71724	11.92%	1.021%
74	14.215	2029	2033	2038	rBV6	21867	43706	7.26%	0.622%
75	14.270	2038	2042	2044	rBV3	34236	57802	9.61%	0.823%
76	14.404	2058	2064	2067	rBV2	43342	83172	13.82%	1.184%

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77	14.483	2072	2077	2082	rVB7	34844	74477	12.38%	1.061%
78	14.580	2089	2093	2096	rBV4	20270	38776	6.45%	0.552%
79	14.696	2105	2112	2117	rBV5	67488	161505	26.85%	2.300%
80	14.843	2132	2136	2140	rBV	99447	164464	27.34%	2.342%
81	14.952	2150	2154	2159	rBV2	62461	106998	17.79%	1.524%
82	15.013	2161	2164	2166	rBV2	27973	35505	5.90%	0.506%
83	15.312	2206	2213	2217	rBV6	76314	218198	36.27%	3.107%

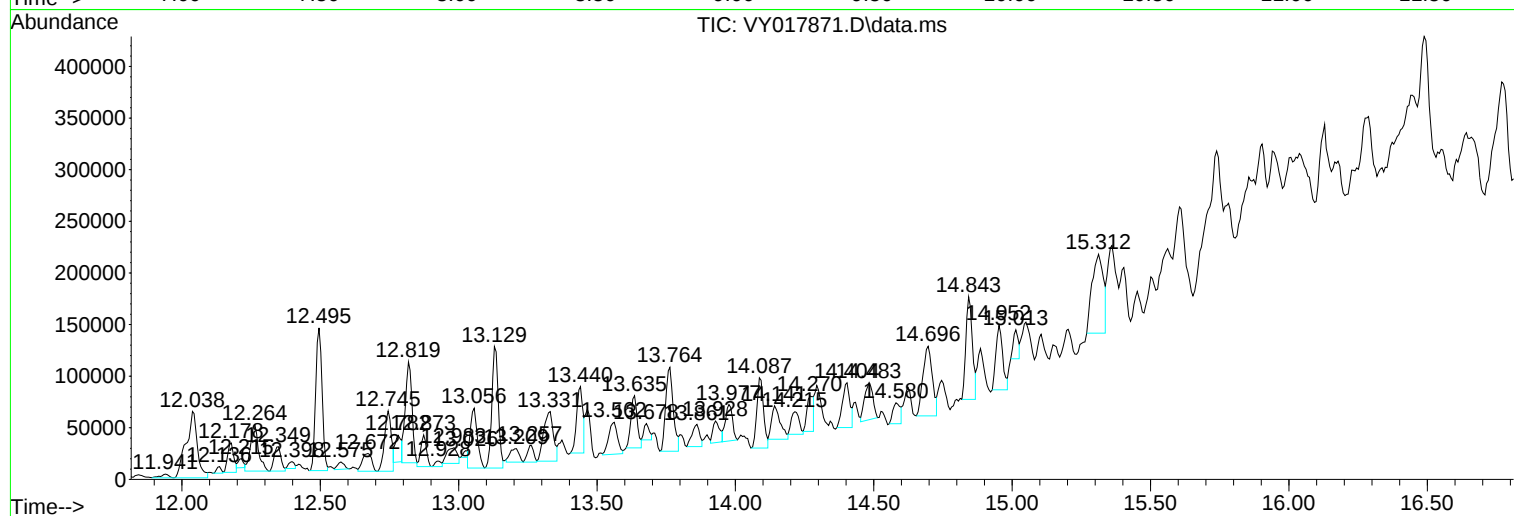
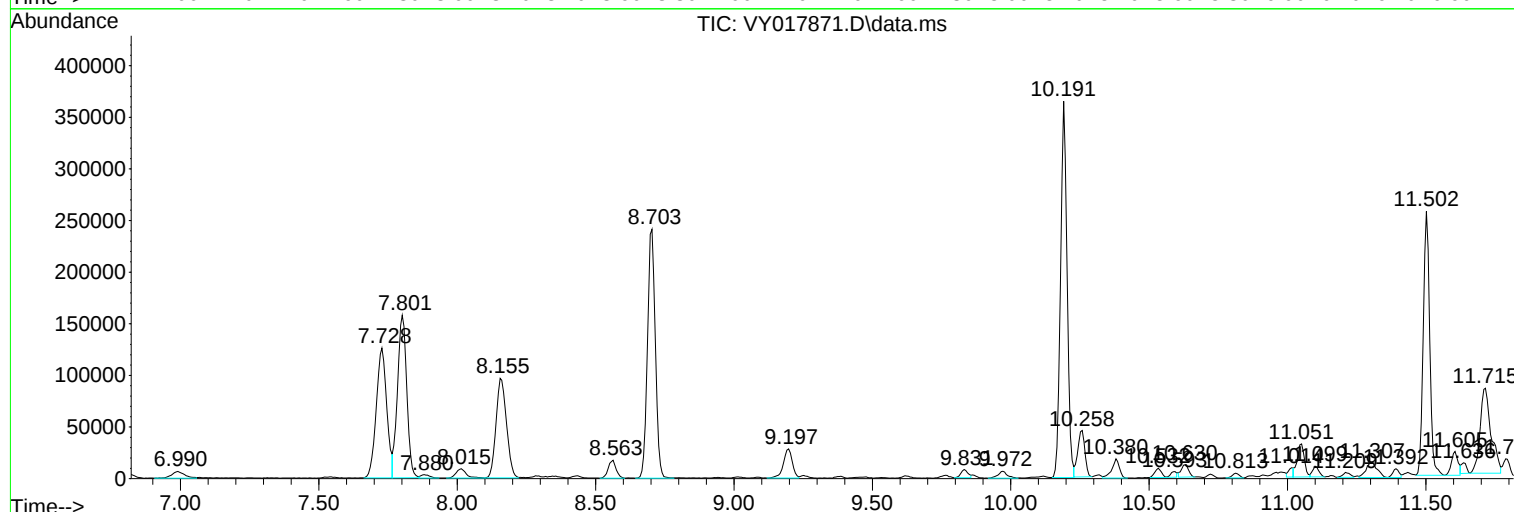
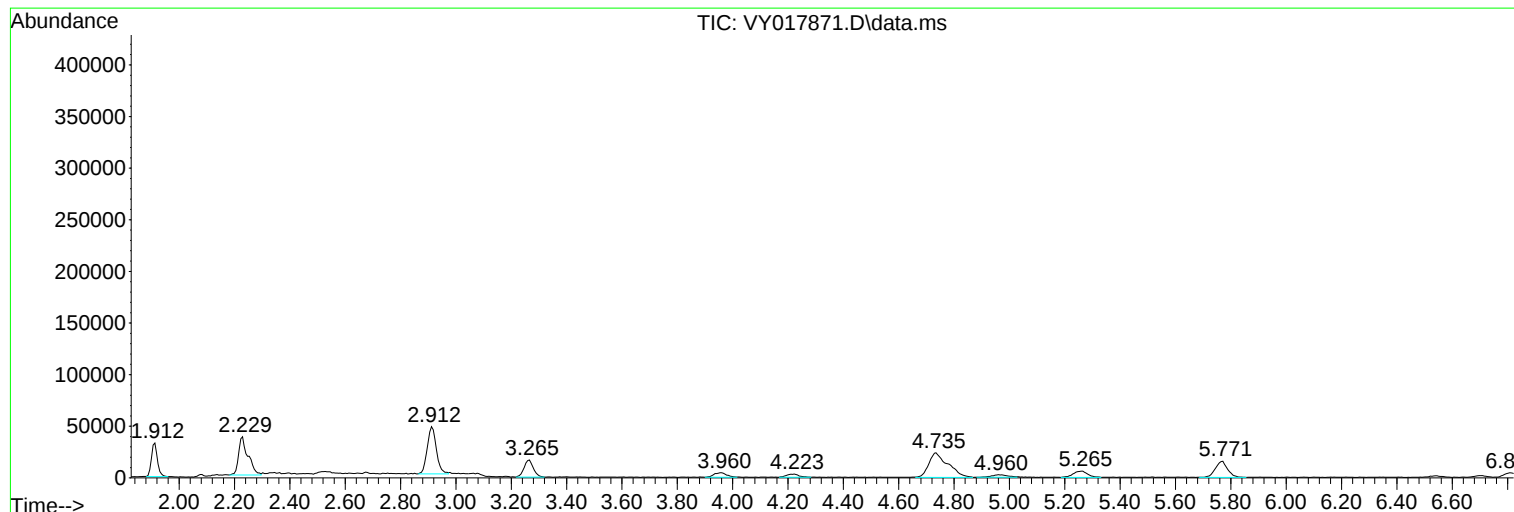
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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



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Instrument :
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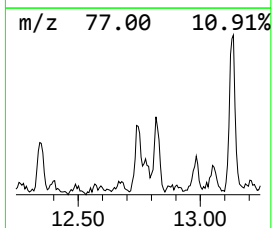
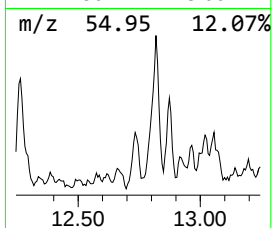
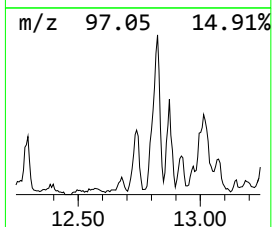
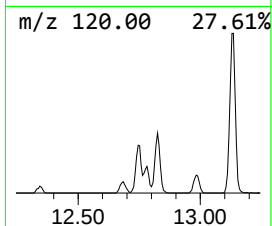
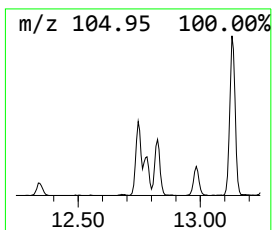
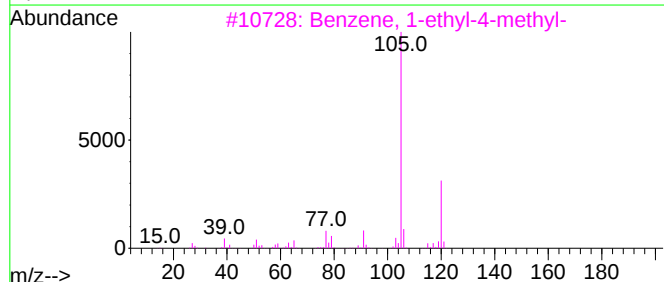
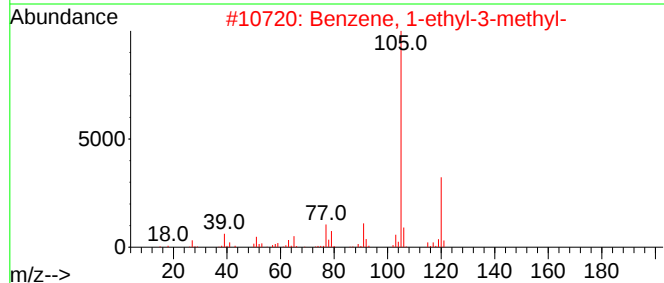
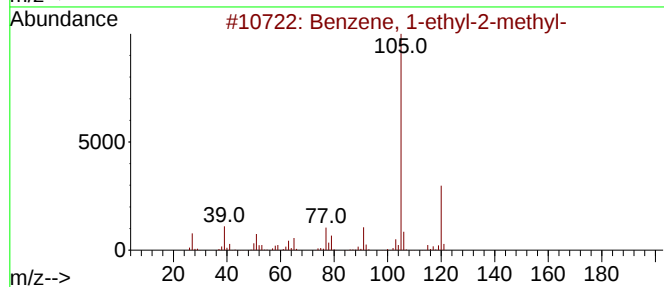
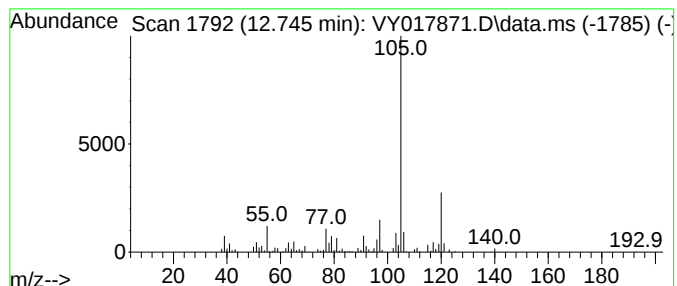
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	49.57 ug/l	101789	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	81
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4			Mesitylene	120	C9H12	000108-67-8	76
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76



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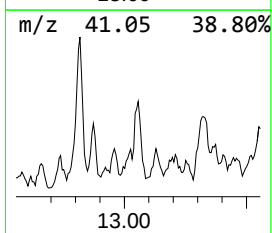
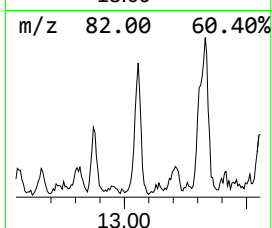
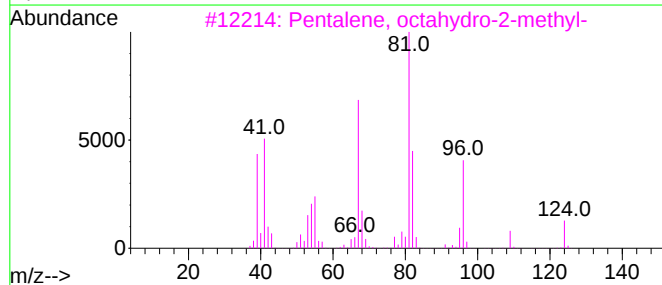
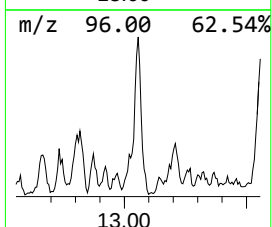
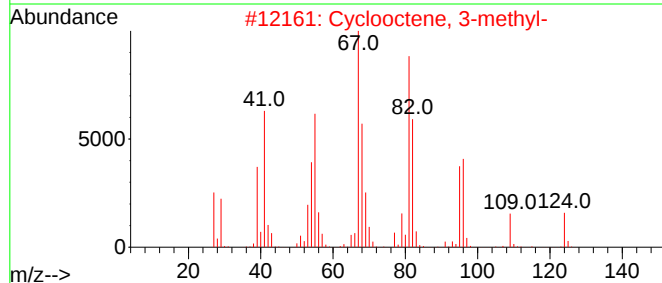
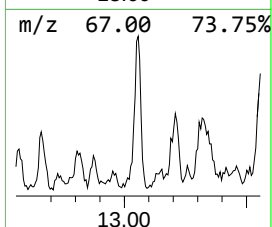
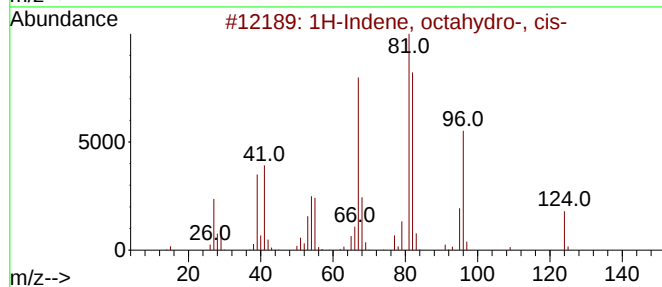
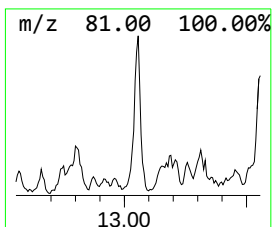
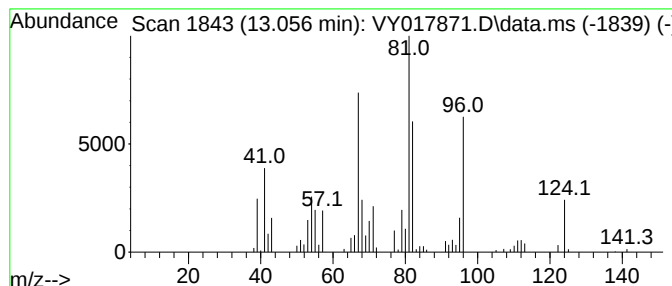
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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

Peak Number 2 1H-Indene, octahydro-, cis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.056	49.57 ug/l	101782	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	80
2			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
4			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	55
5			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38



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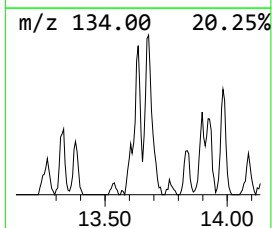
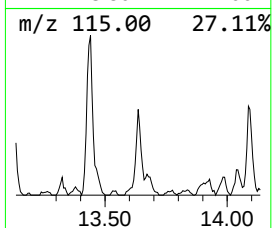
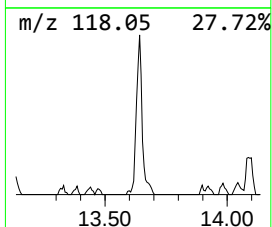
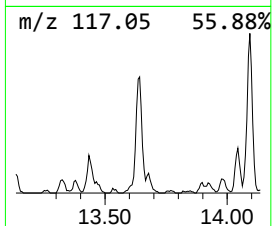
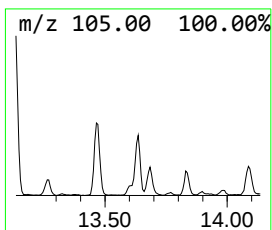
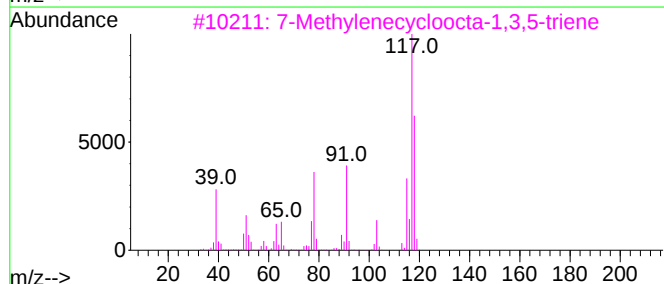
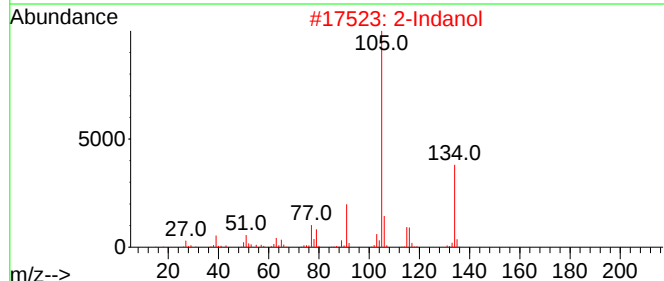
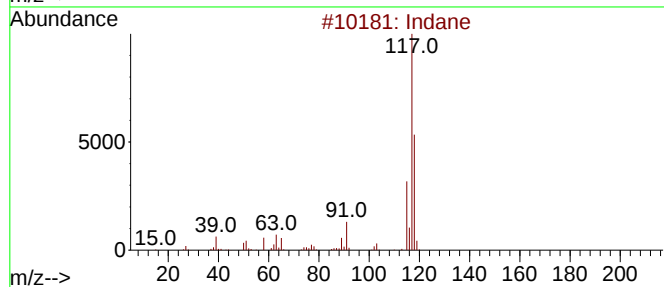
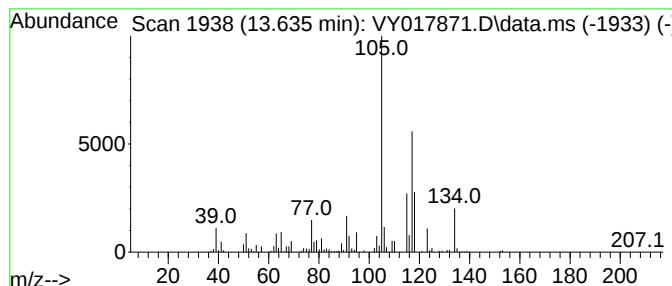
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.636 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.636	39.74 ug/l	81611	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	38
2			2-Indanol	134	C9H10O	004254-29-9	30
3			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	30
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	30
5			Deltacyclene	118	C9H10	007785-10-6	30



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ClientSampleId :
MOO-23-00119

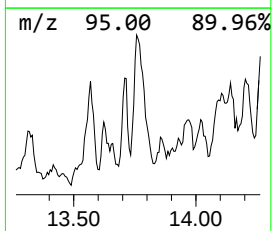
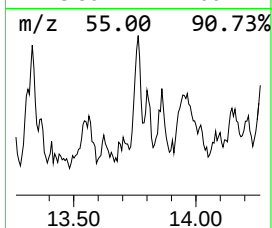
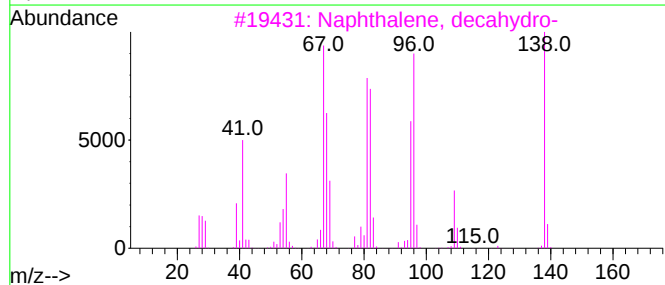
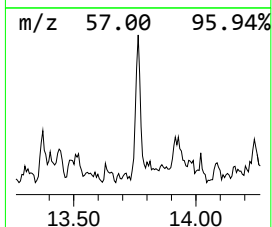
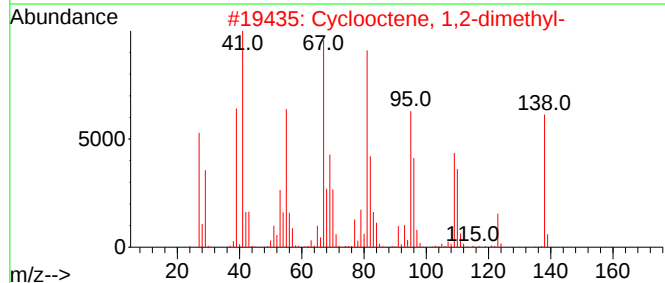
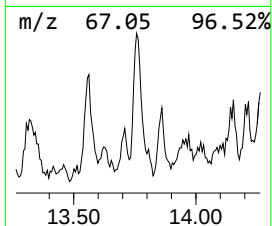
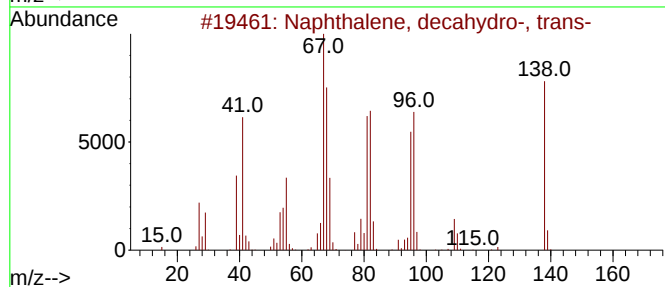
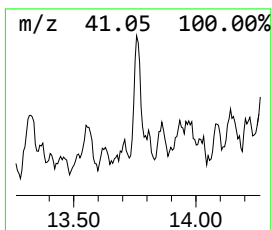
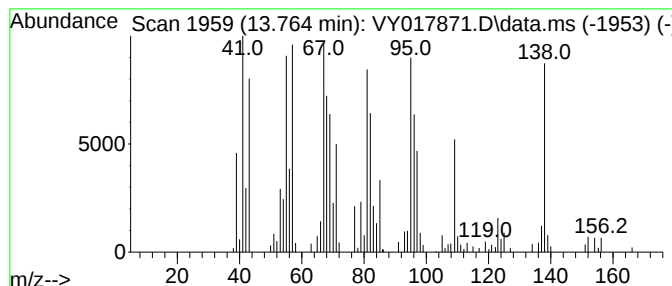
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.764	74.94 ug/l	153870	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
2			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	74
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	70
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	70
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
Operator : SY/MD
Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

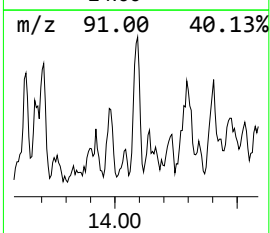
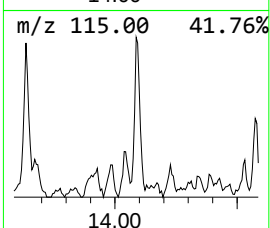
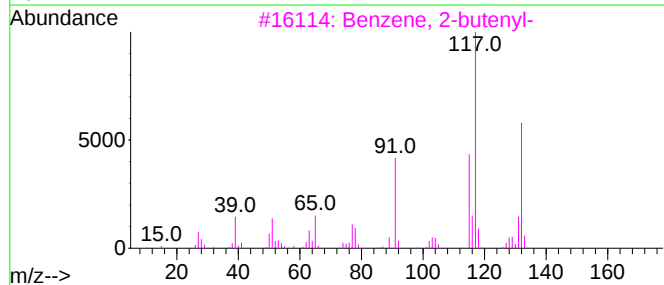
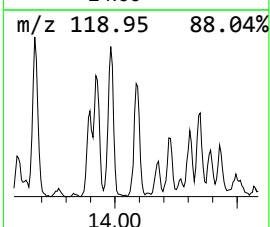
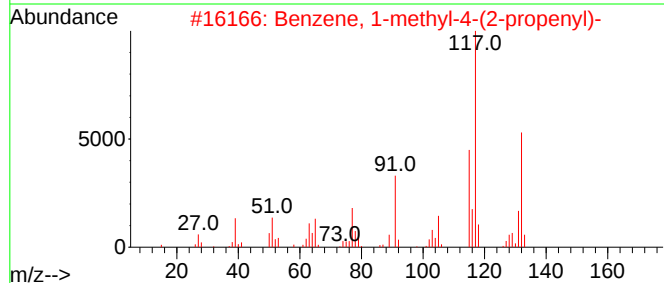
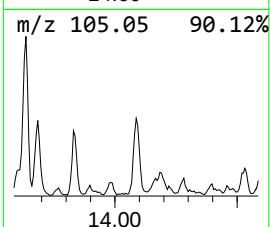
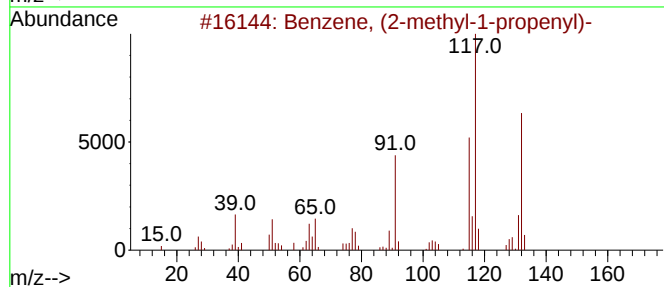
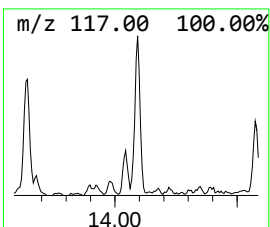
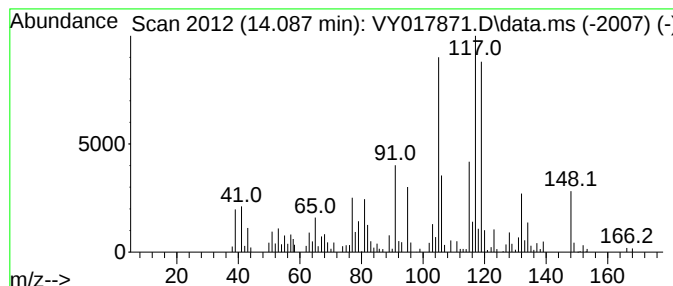
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	56.52 ug/l	116050	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	84
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
4			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	46
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
Operator : SY/MD
Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

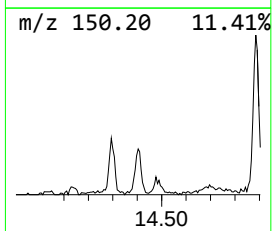
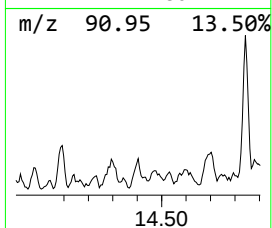
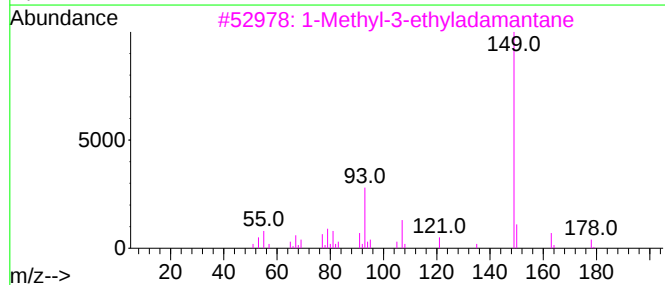
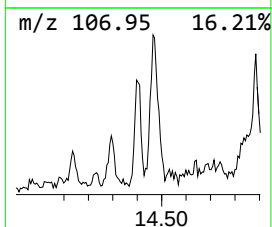
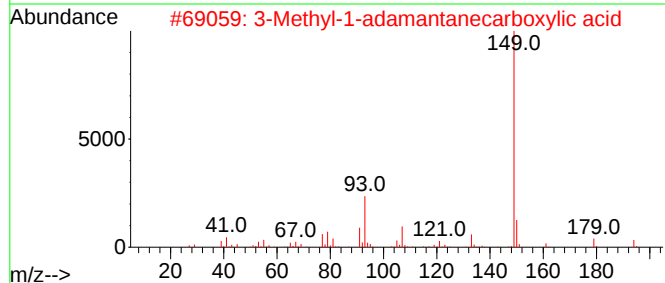
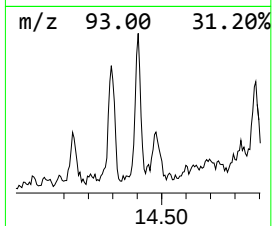
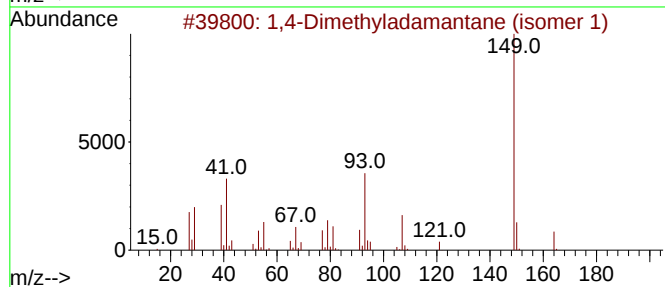
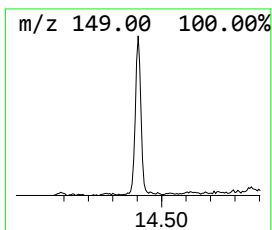
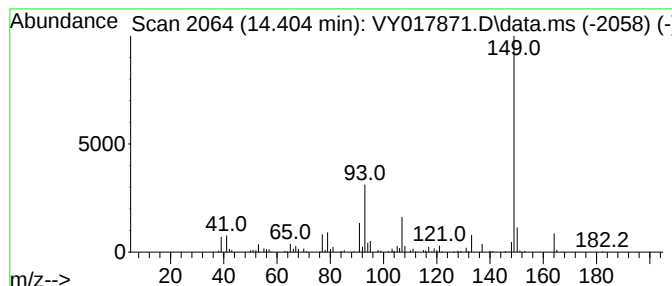
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Quant Title : SW846 8260

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

Peak Number 6 3-Methyl-1-adamantanecarbox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	40.50 ug/l	83172	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	87
2			3-Methyl-1-adamantanecarboxylic ...	194	C12H18O2	1000504-38-9	72
3			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	72
4			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	60
5			4-Amino-2-fluoro-5-methylbenzoni...	164	C9H9FN2	1000511-36-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
Operator : SY/MD
Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

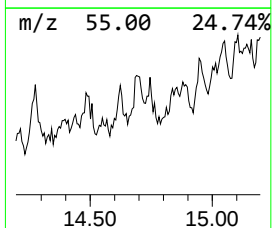
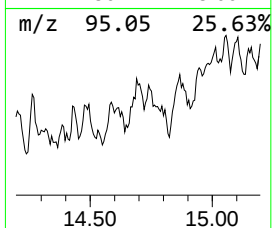
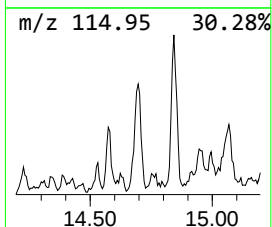
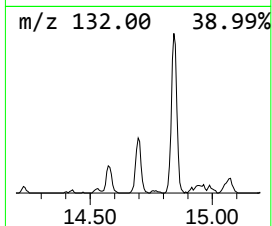
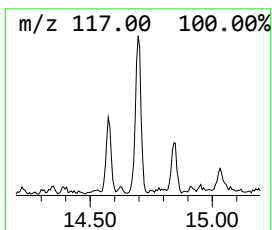
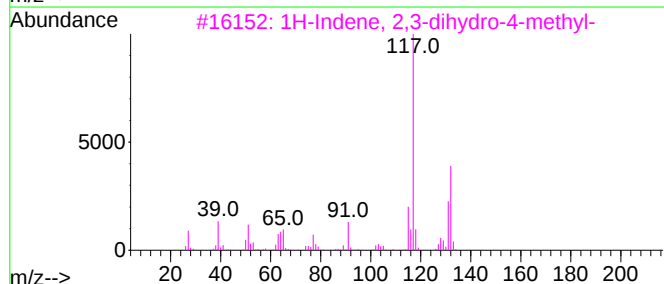
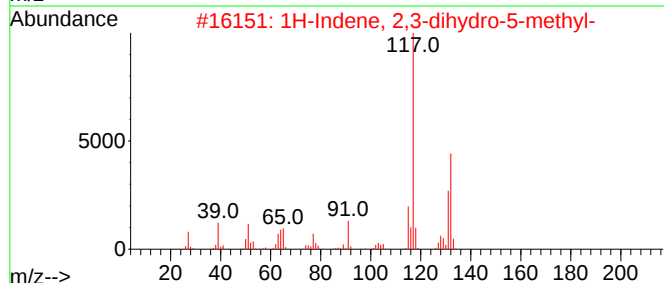
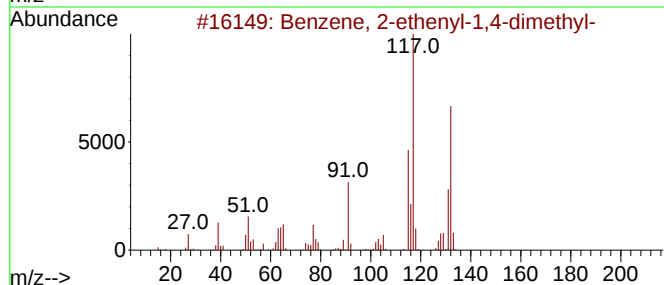
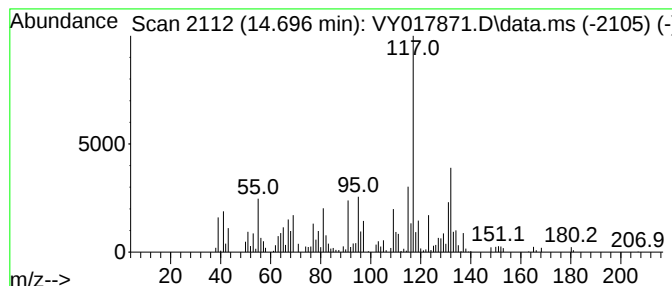
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.696	78.65 ug/l	161505	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	64
4	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	60
5	3-Phenylbut-1-ene		132	C10H12	000934-10-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
Operator : SY/MD
Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

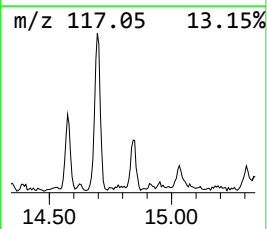
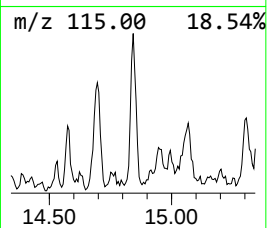
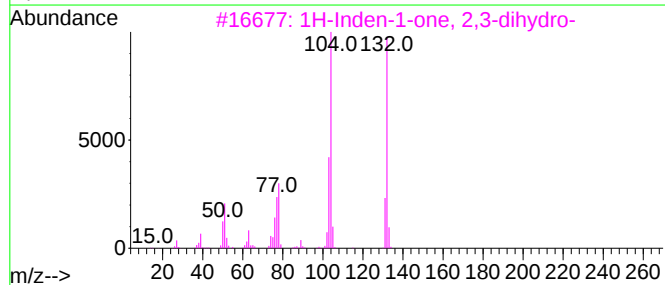
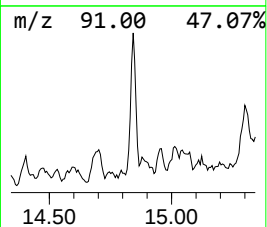
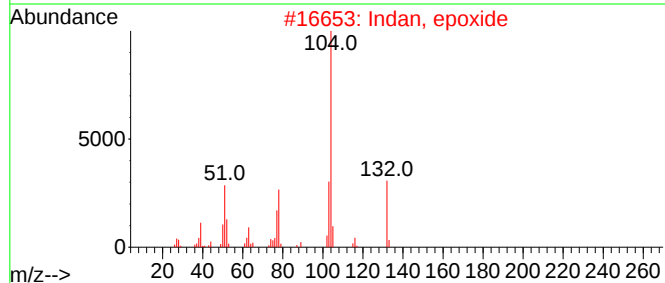
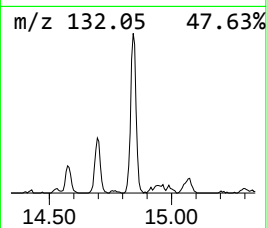
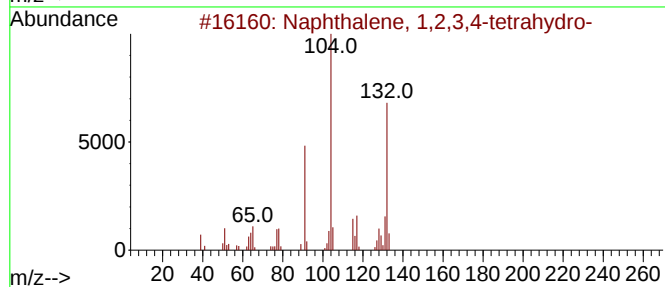
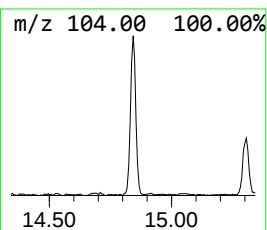
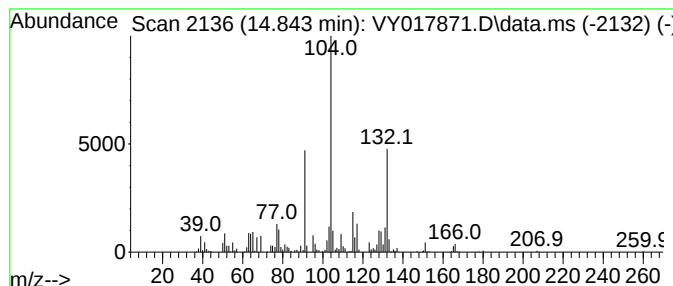
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.843	80.09 ug/l	164464	1,4-Dichlorobenzene-d4	13.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2			Indan, epoxide	132	C9H8O	000768-22-9	64
3			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	62
4			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
5			Bicyclo[2.2.2]octane-4-carboxyli...	260	C15H16O4	1010316-84-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
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Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

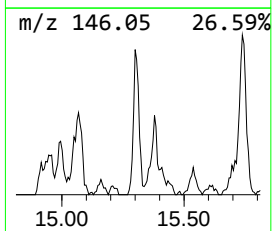
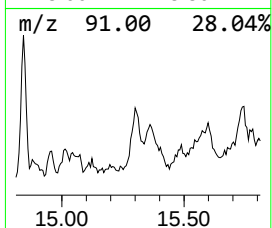
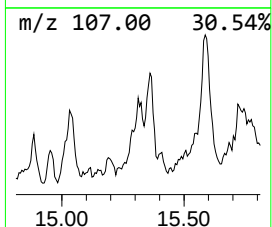
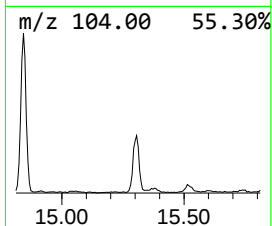
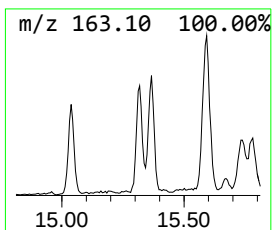
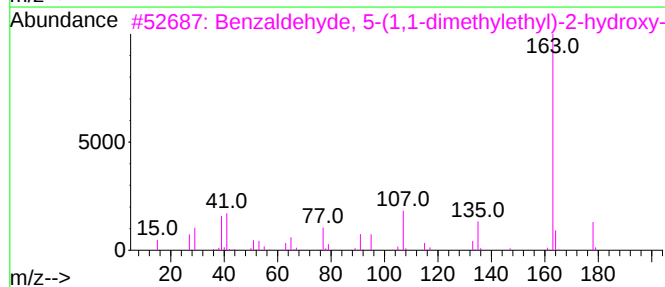
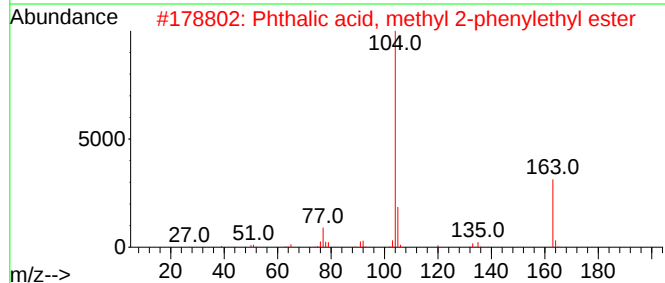
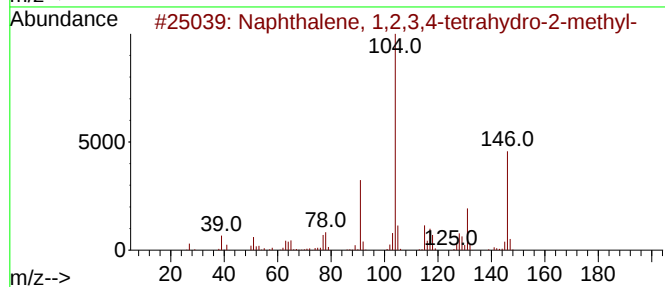
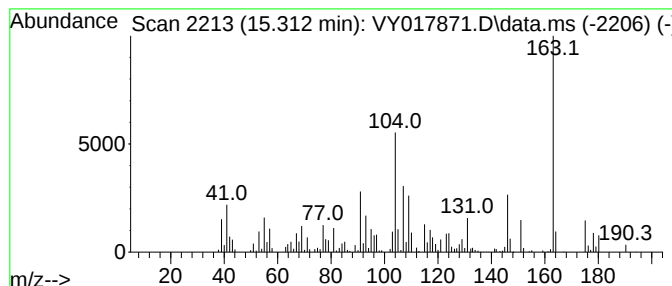
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ClientSampleId :
MOO-23-00119

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.312	106.26 ug/l	218198	1,4-Dichlorobenzene-d4	13.440	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	92
2	Phthalic acid, methyl 2-phenylet...	284	C17H16O4	1000315-57-6	43
3	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	35
4	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	27
5	5-Amino-6-methyl-1,3-dihydro-2H-...	163	C8H9N3O	067014-36-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017871.D
Acq On : 05 Apr 2024 15:17
Operator : SY/MD
Sample : P1995-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.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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1H-Indene, octa...	13.056	49.6	ug/l	101782	4	13.440	102669	50.0
unknown13.636	13.636	39.7	ug/l	81611	4	13.440	102669	50.0
Naphthalene, de...	13.764	74.9	ug/l	153870	4	13.440	102669	50.0
Benzene, (2-met...	14.087	56.5	ug/l	116050	4	13.440	102669	50.0
3-Methyl-1-adam...	14.404	40.5	ug/l	83172	4	13.440	102669	50.0
Benzene, 2-ethe...	14.696	78.7	ug/l	161505	4	13.440	102669	50.0
Naphthalene, 1,...	14.843	80.1	ug/l	164464	4	13.440	102669	50.0
Naphthalene, 1,...	15.312	106.3	ug/l	218198	4	13.440	102669	50.0