

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017283.D
 Acq On : 07 Feb 2024 12:53
 Operator : SY/MD
 Sample : P1358-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24449

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\82Y020124S.M
 Title : SW846 8260

Signal : TIC: VY017283.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.119	38	49	53	rBV4	2794	7869	1.86%	0.262%
2	4.722	465	476	488	rVB2	9673	31202	7.37%	1.038%
3	5.747	637	644	646	rBV4	2884	5504	1.30%	0.183%
4	6.996	839	849	863	rBV2	3351	13988	3.30%	0.465%
5	7.722	956	968	974	rBV	56826	135269	31.95%	4.501%
6	7.789	974	979	994	rVB	112515	255838	60.42%	8.513%
7	8.143	1028	1037	1050	rBV	52319	118683	28.03%	3.949%
8	8.697	1119	1128	1140	rBV	193480	386170	91.20%	12.850%
9	10.185	1365	1372	1381	rBV	230593	384635	90.84%	12.799%
10	10.587	1431	1438	1442	rBV3	3684	6947	1.64%	0.231%
11	10.959	1493	1499	1509	rBV3	4018	7717	1.82%	0.257%
12	11.496	1580	1587	1600	rBV	259978	423437	100.00%	14.090%
13	12.489	1741	1750	1759	rBV	120999	191479	45.22%	6.371%
14	13.318	1879	1886	1891	rBV5	2179	4616	1.09%	0.154%
15	13.434	1898	1905	1914	rBV	179583	285849	67.51%	9.512%
16	13.629	1933	1937	1941	rBV4	2877	4924	1.16%	0.164%
17	13.757	1952	1958	1963	rBV4	8286	15553	3.67%	0.518%
18	13.977	1989	1994	1999	rVB2	6009	10501	2.48%	0.349%
19	14.087	2006	2012	2017	rBV4	12665	22044	5.21%	0.734%
20	14.148	2017	2022	2024	rBV4	3234	6277	1.48%	0.209%
21	14.209	2028	2032	2037	rVV5	3804	7600	1.79%	0.253%
22	14.263	2037	2041	2044	rVV4	8816	12401	2.93%	0.413%
23	14.300	2044	2047	2050	rVB5	3228	4725	1.12%	0.157%
24	14.343	2050	2054	2058	rVB2	5127	6463	1.53%	0.215%
25	14.385	2058	2061	2064	rBV5	2908	4539	1.07%	0.151%
26	14.428	2064	2068	2072	rBV5	6063	8281	1.96%	0.276%
27	14.623	2096	2100	2104	rVB4	7188	10434	2.46%	0.347%
28	14.684	2104	2110	2115	rBV5	20640	46295	10.93%	1.540%
29	14.739	2115	2119	2125	rVB7	8404	15728	3.71%	0.523%
30	14.843	2130	2136	2140	rBV2	26158	43449	10.26%	1.446%
31	14.879	2140	2142	2146	rVB3	4558	5424	1.28%	0.180%
32	14.946	2149	2153	2157	rVV5	9208	14394	3.40%	0.479%
33	14.989	2157	2160	2166	rVV5	5227	11545	2.73%	0.384%
34	15.062	2166	2172	2180	rVB2	15894	37481	8.85%	1.247%
35	15.147	2180	2186	2191	rBV7	7599	16139	3.81%	0.537%
36	15.202	2191	2195	2200	rBV6	5107	11201	2.65%	0.373%

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Max Peaks: 100

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37	15.300	2207	2211	2216	rBV	22737	33476	7.91%	1.114%
38	15.379	2218	2224	2231	rVV5	15312	40591	9.59%	1.351%
39	15.440	2232	2234	2240	rVB6	5134	8877	2.10%	0.295%
40	15.605	2258	2261	2266	rVB6	5836	9791	2.31%	0.326%
41	15.696	2270	2276	2278	rBV6	6749	13520	3.19%	0.450%
42	15.739	2278	2283	2289	rVB4	30863	56947	13.45%	1.895%
43	16.044	2327	2333	2338	rBV2	30145	58923	13.92%	1.961%
44	16.239	2359	2365	2371	rBV2	37303	81089	19.15%	2.698%
45	16.306	2371	2376	2383	rVB3	19213	42155	9.96%	1.403%
46	16.513	2402	2410	2413	rBV10	15370	44386	10.48%	1.477%
47	16.556	2413	2417	2422	rVB3	23513	40932	9.67%	1.362%

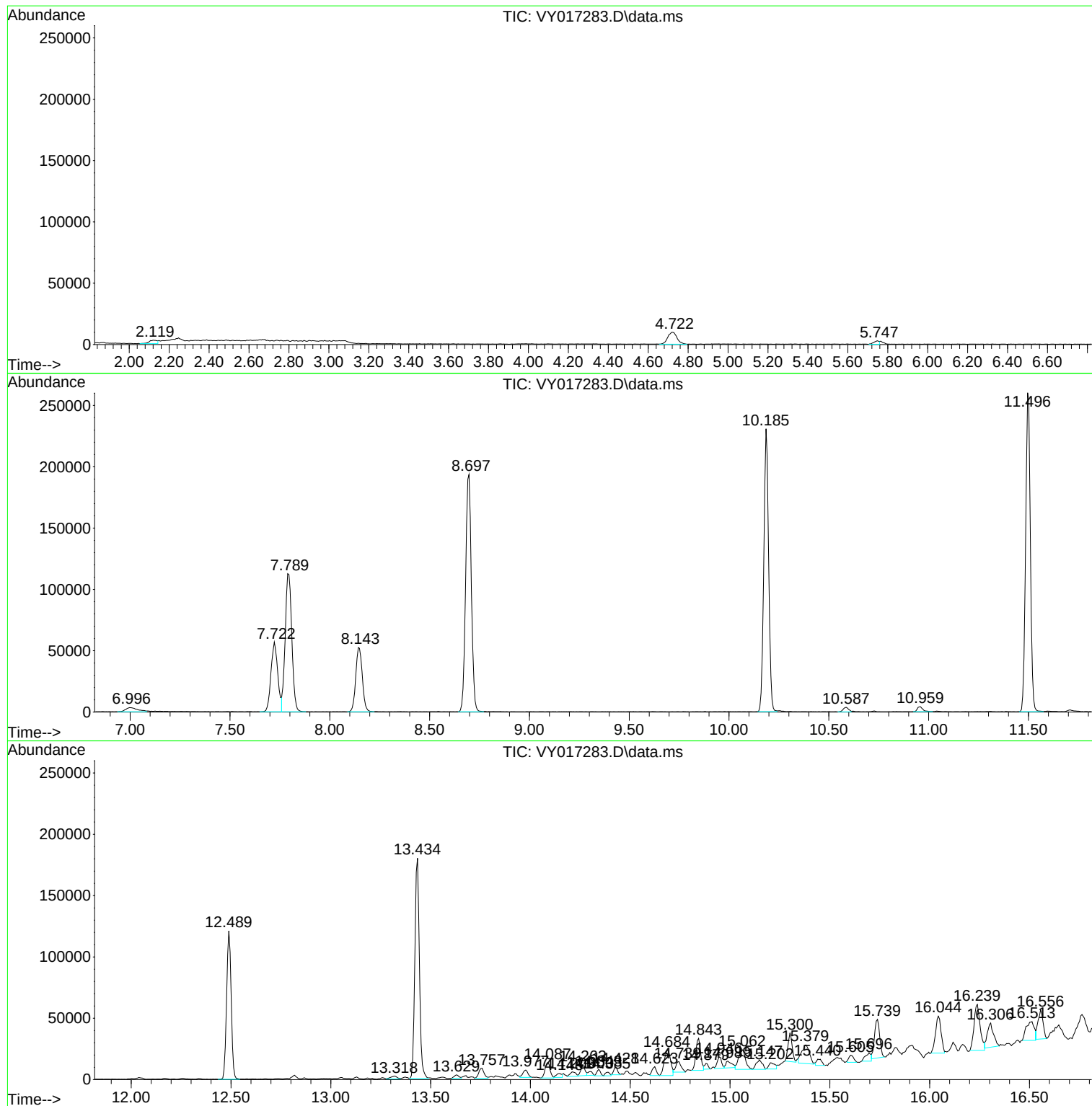
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
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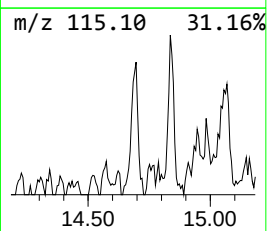
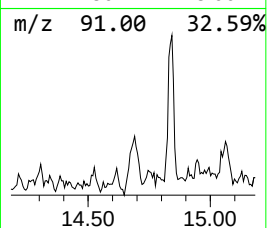
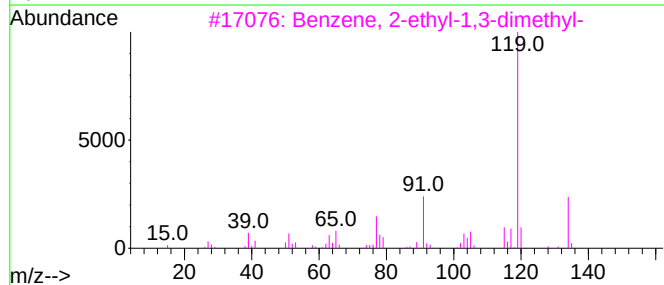
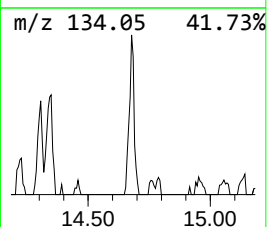
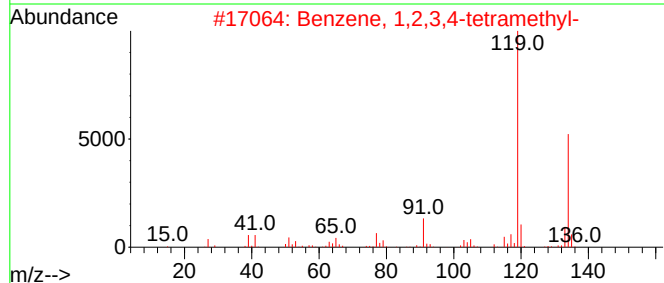
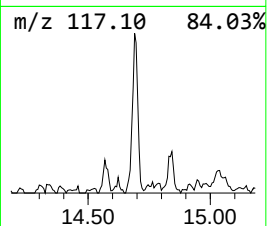
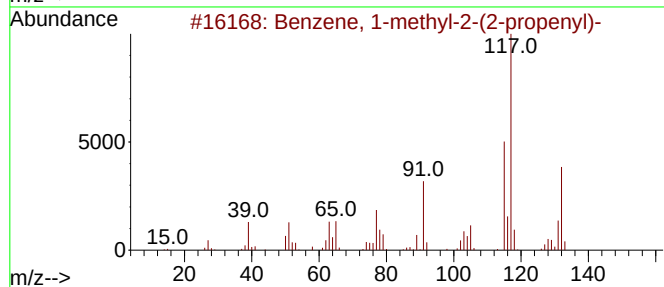
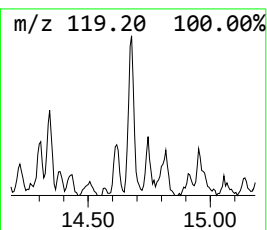
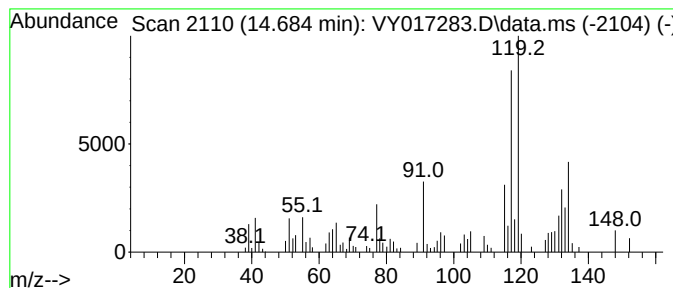
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.10 ug/l	46295	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	42
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	42



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Instrument :
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ClientSampleId :
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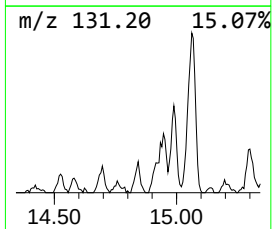
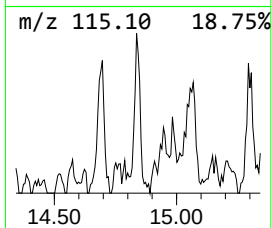
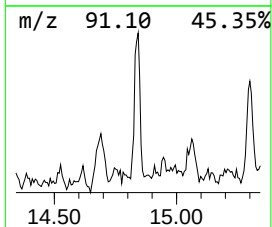
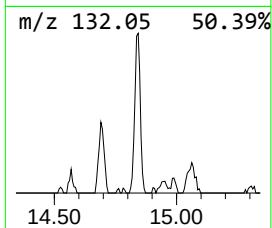
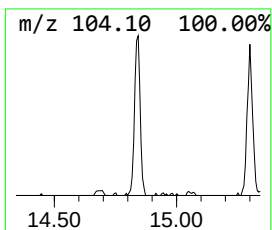
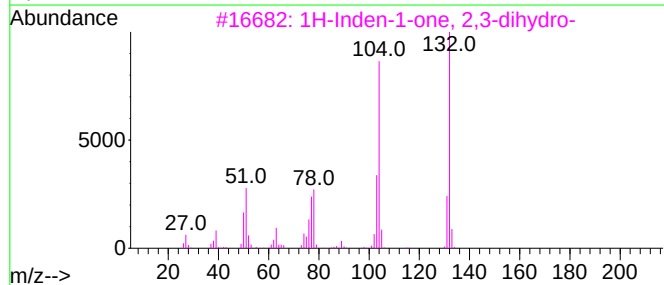
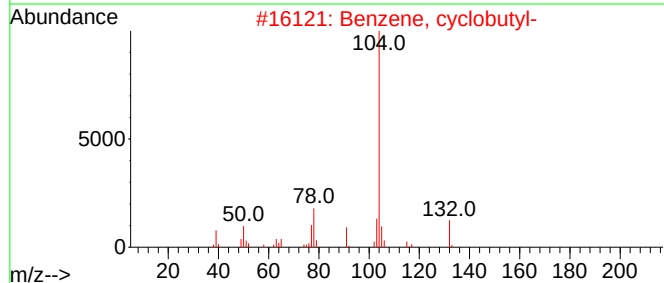
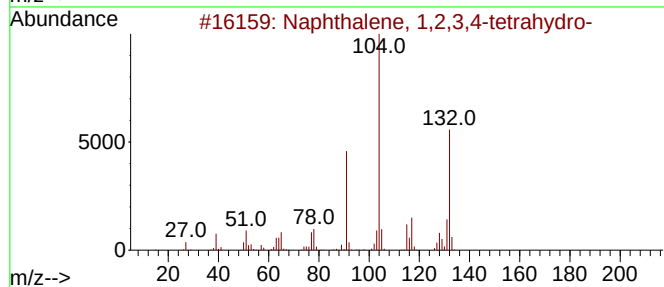
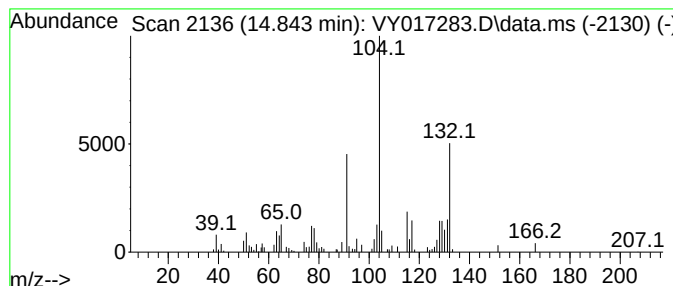
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.843	7.60 ug/l	43449	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
3			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
4			Indan, epoxide	132	C9H8O	000768-22-9	49
5			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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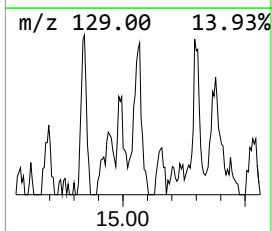
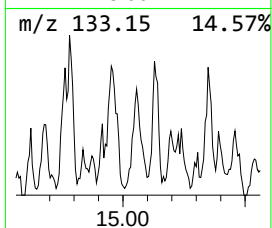
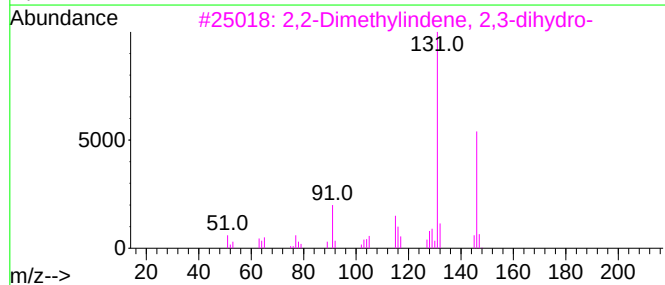
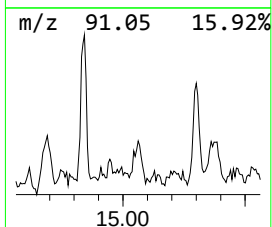
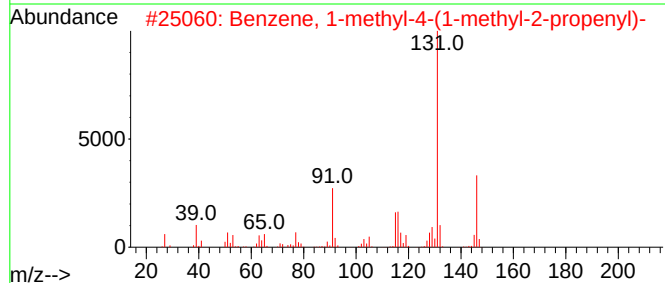
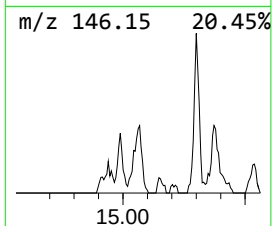
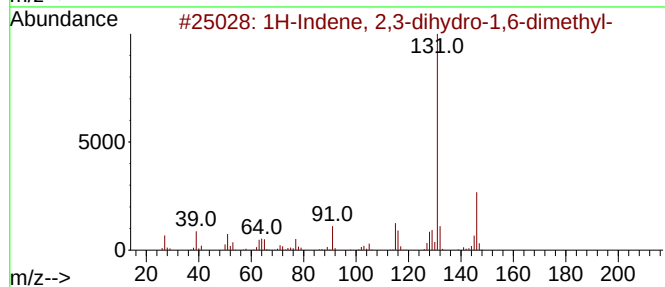
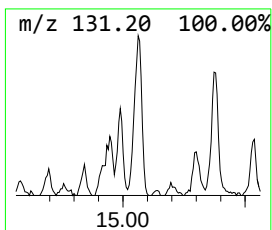
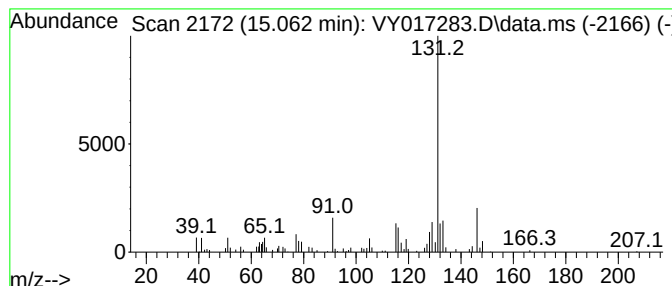
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Quant Title : SW846 8260

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

Peak Number 3 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	6.56 ug/l	37481	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90



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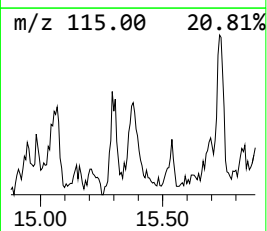
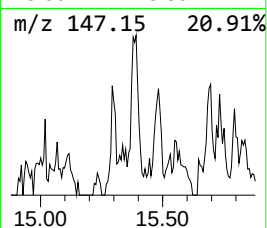
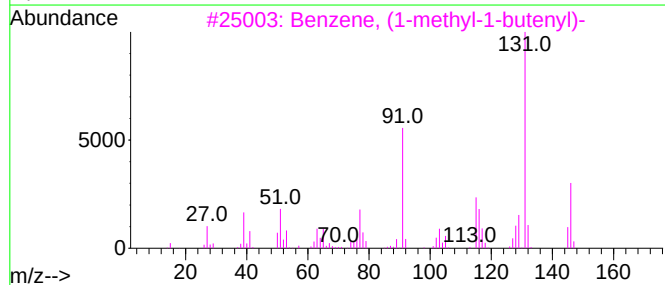
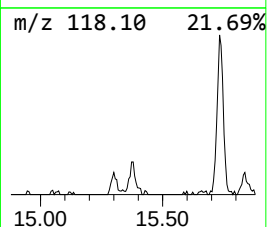
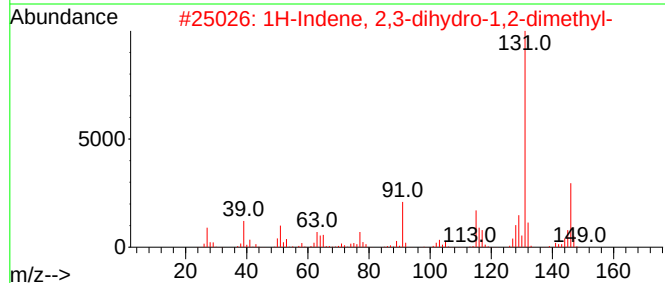
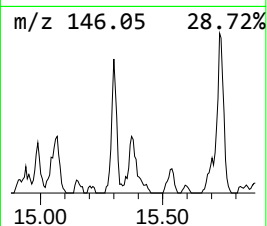
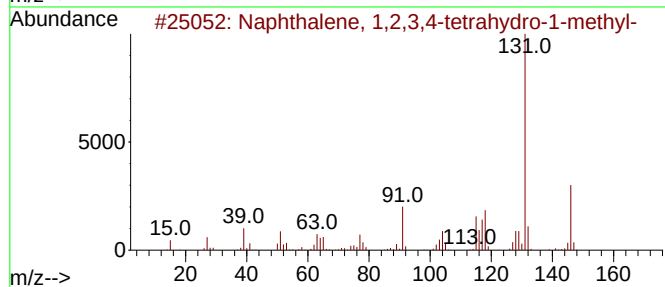
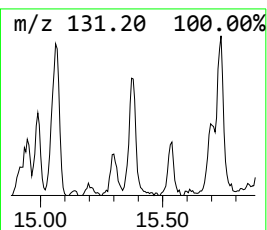
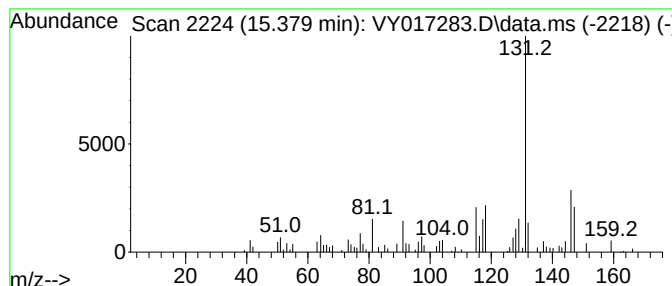
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.379	7.10 ug/l	40591	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74



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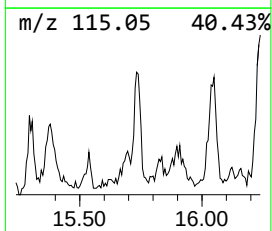
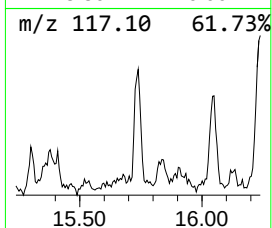
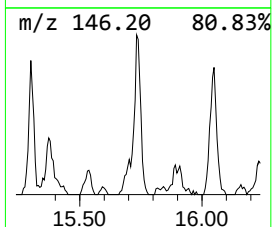
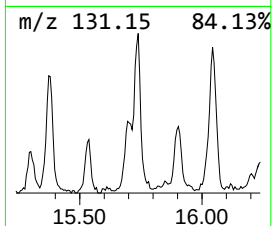
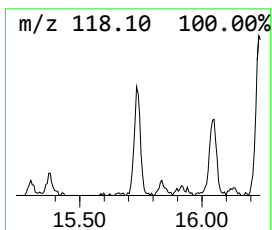
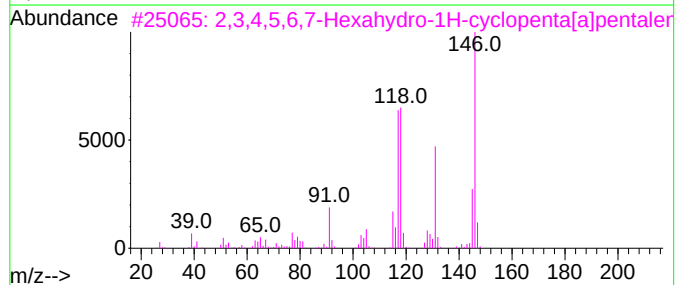
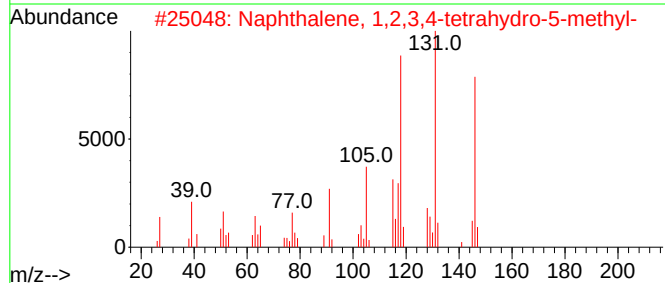
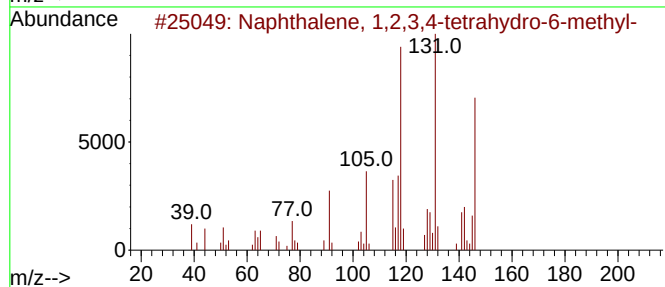
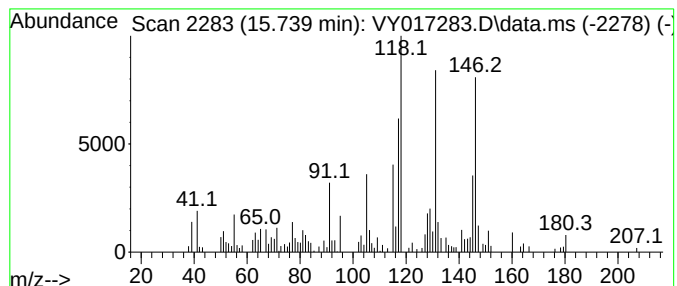
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	9.96 ug/l	56947	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	87
4			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	86
5			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017283.D
Acq On : 07 Feb 2024 12:53
Operator : SY/MD
Sample : P1358-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

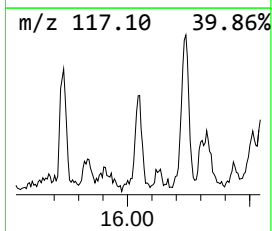
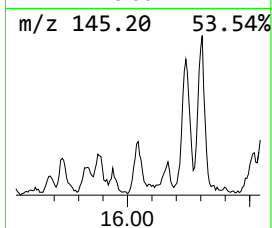
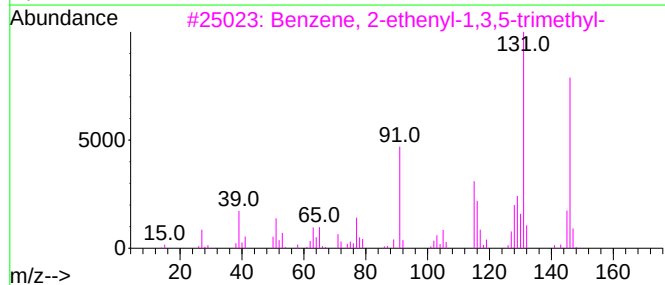
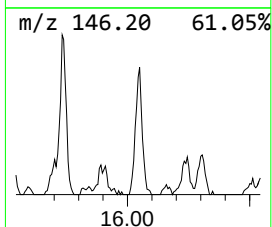
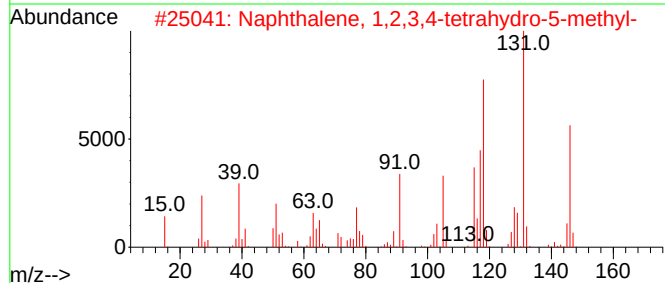
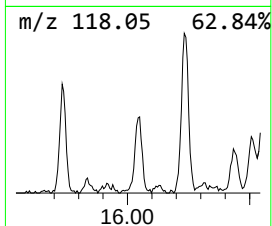
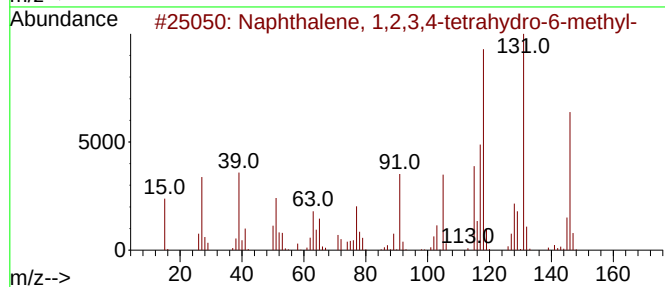
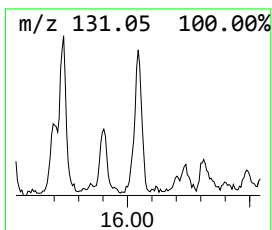
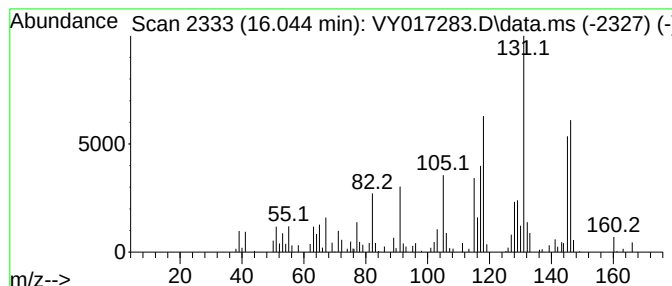
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.044	10.31 ug/l	58923	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017283.D
Acq On : 07 Feb 2024 12:53
Operator : SY/MD
Sample : P1358-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

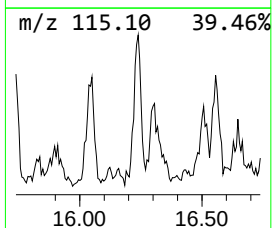
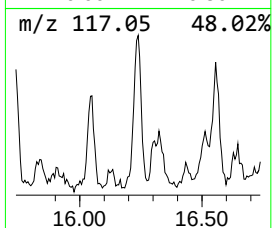
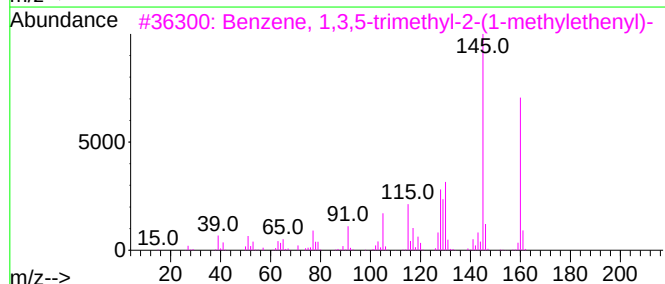
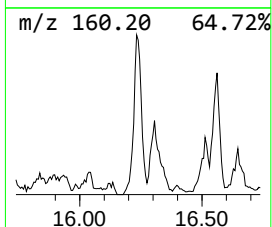
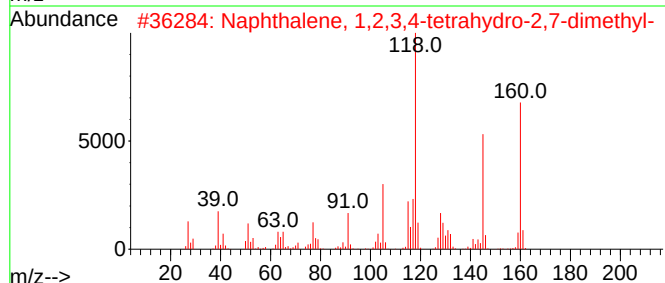
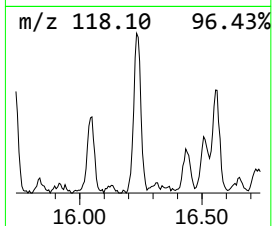
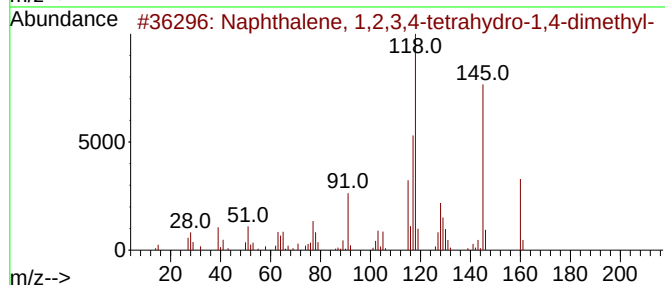
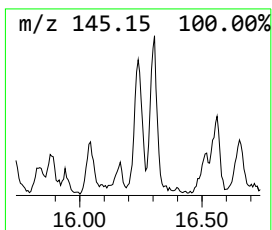
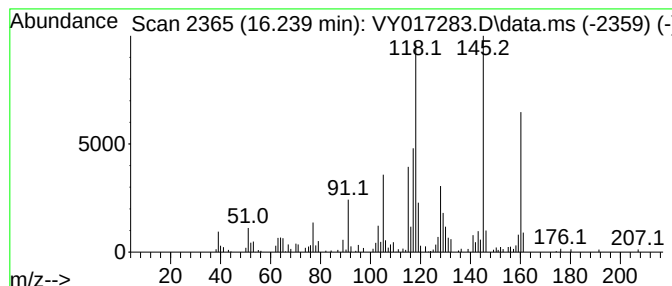
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.239	14.18 ug/l	81089	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
5			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017283.D
Acq On : 07 Feb 2024 12:53
Operator : SY/MD
Sample : P1358-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

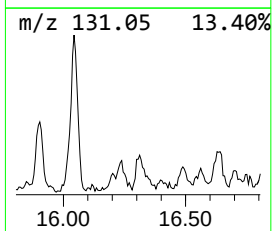
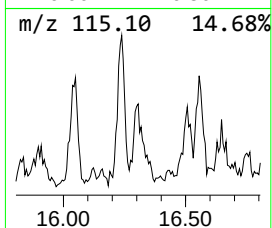
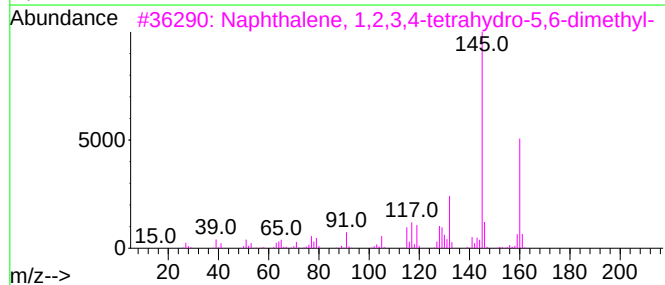
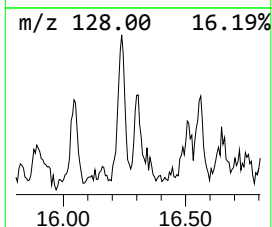
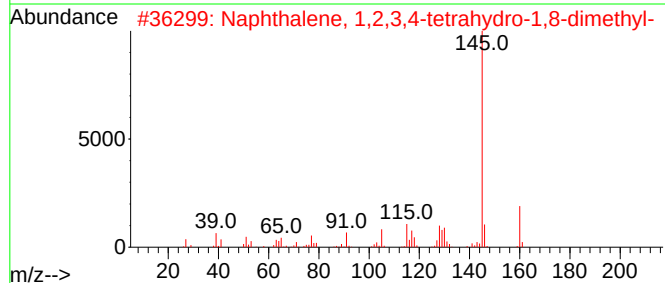
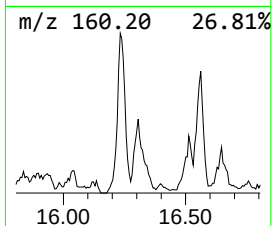
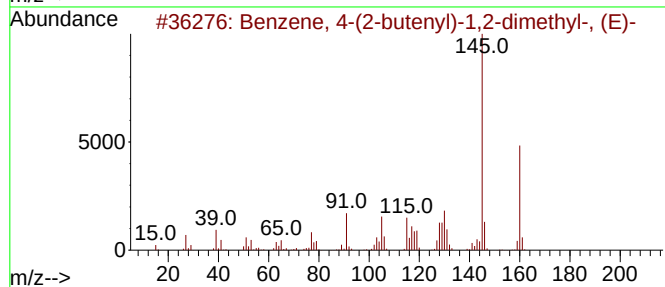
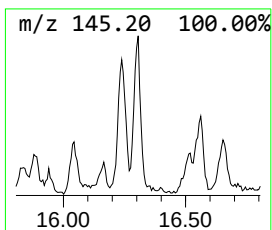
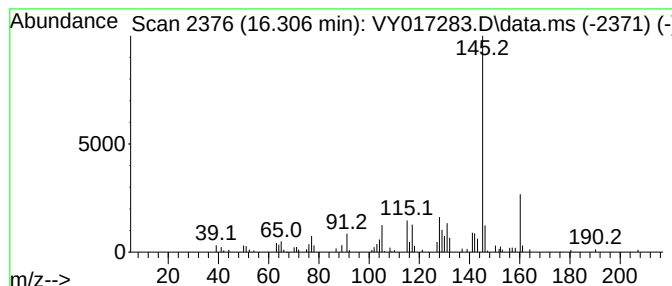
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.306	7.37 ug/l	42155	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017283.D
Acq On : 07 Feb 2024 12:53
Operator : SY/MD
Sample : P1358-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

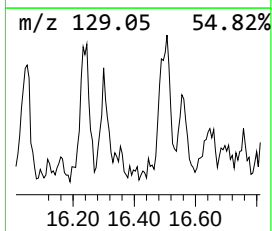
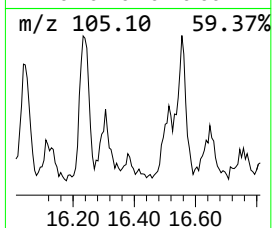
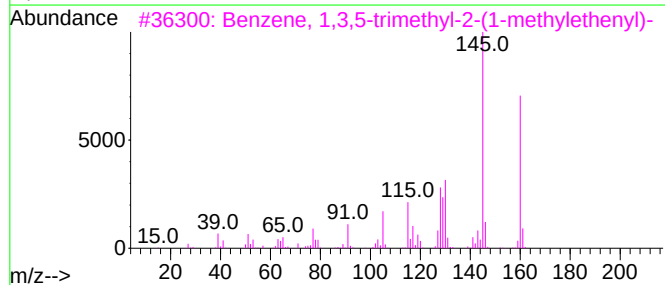
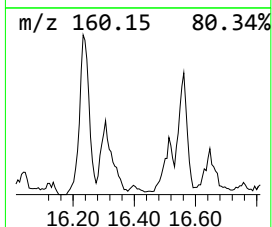
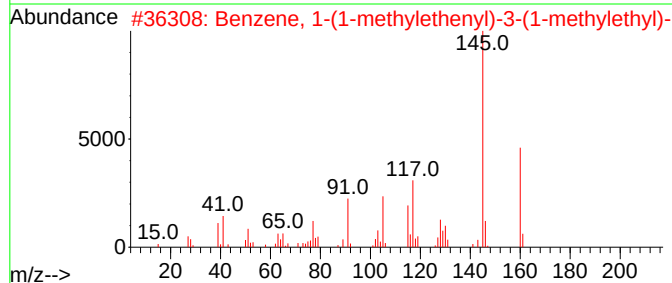
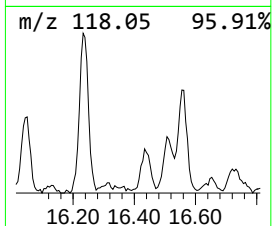
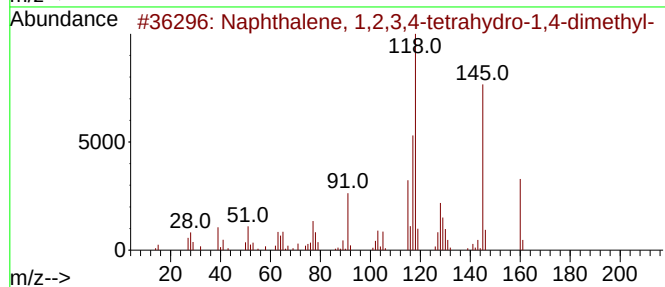
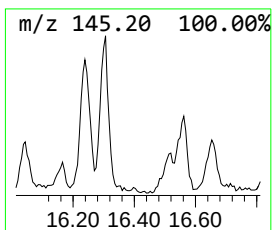
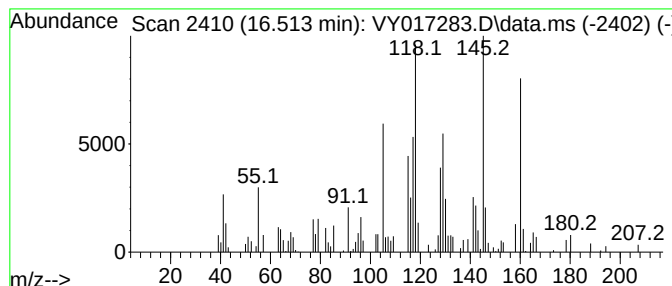
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.513	7.76 ug/l	44386	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	92
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017283.D
Acq On : 07 Feb 2024 12:53
Operator : SY/MD
Sample : P1358-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.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
Benzene, 1-meth...	14.684	8.1	ug/l	46295	4	13.434	285849	50.0
Naphthalene, 1,...	14.843	7.6	ug/l	43449	4	13.434	285849	50.0
1H-Indene, 2,3-...	15.062	6.6	ug/l	37481	4	13.434	285849	50.0
Naphthalene, 1,...	15.379	7.1	ug/l	40591	4	13.434	285849	50.0
Naphthalene, 1,...	15.739	10.0	ug/l	56947	4	13.434	285849	50.0
Naphthalene, 1,...	16.044	10.3	ug/l	58923	4	13.434	285849	50.0
Benzene, 1,3,5-...	16.239	14.2	ug/l	81089	4	13.434	285849	50.0
Benzene, 4-(2-b...	16.306	7.4	ug/l	42155	4	13.434	285849	50.0
Naphthalene, 1,...	16.513	7.8	ug/l	44386	4	13.434	285849	50.0