

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010770.D
 Acq On : 03 Oct 2022 16:50
 Operator : KP/MD
 Sample : N4862-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-203

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\82Y100322S.M

Title : SW846 8260

Signal : TIC: VY010770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.789	973	979	994	rVB	226903	508333	1.27%	0.614%
2	8.685	1117	1126	1138	rBV	359759	720227	1.81%	0.870%
3	10.179	1363	1371	1380	rBV	519372	882597	2.21%	1.067%
4	11.490	1579	1586	1597	rBV	469934	764689	1.92%	0.924%
5	12.240	1704	1709	1714	rVB3	248599	454342	1.14%	0.549%
6	12.477	1744	1748	1753	rBV	316253	489825	1.23%	0.592%
7	12.813	1798	1803	1808	rVB	569924	968933	2.43%	1.171%
8	12.971	1821	1829	1833	rBV	884932	1559164	3.91%	1.884%
9	13.038	1836	1840	1847	rVB	806425	1193086	2.99%	1.442%
10	13.117	1848	1853	1858	rBV	383690	646914	1.62%	0.782%
11	13.319	1878	1886	1890	rBV4	475516	976863	2.45%	1.181%
12	13.428	1900	1904	1906	rBV2	273812	446787	1.12%	0.540%
13	13.459	1906	1909	1913	rVB2	633393	863709	2.16%	1.044%
14	13.630	1931	1937	1942	rVB	26351471	39897657	100.00%	48.221%
15	13.751	1950	1957	1961	rBV3	738231	1389588	3.48%	1.679%
16	13.806	1961	1966	1971	rVV2	986526	1683757	4.22%	2.035%
17	13.971	1988	1993	1997	rBV	2631772	3583796	8.98%	4.331%
18	14.020	1997	2001	2005	rVB2	353431	573590	1.44%	0.693%
19	14.081	2005	2011	2016	rBV	2030137	3156631	7.91%	3.815%
20	14.264	2035	2041	2042	rVV4	689776	1241567	3.11%	1.501%
21	14.294	2043	2046	2050	rVV2	1207704	1773507	4.45%	2.144%
22	14.331	2050	2052	2056	rVB	347456	431101	1.08%	0.521%
23	14.379	2056	2060	2063	rBV2	421802	659580	1.65%	0.797%
24	14.562	2085	2090	2095	rBV	2152089	3084426	7.73%	3.728%
25	14.684	2102	2110	2115	rBV2	3544311	6818500	17.09%	8.241%
26	14.733	2115	2118	2124	rVB4	685867	1159636	2.91%	1.402%
27	14.831	2129	2134	2139	rVB	756704	1207193	3.03%	1.459%
28	14.940	2148	2152	2156	rVB2	528075	761373	1.91%	0.920%
29	15.056	2165	2171	2178	rVB3	400952	865221	2.17%	1.046%
30	15.148	2183	2186	2190	rVB5	296502	423323	1.06%	0.512%
31	15.209	2191	2196	2202	rBV2	644152	1002879	2.51%	1.212%
32	15.526	2242	2248	2255	rBV4	214324	594081	1.49%	0.718%
33	15.605	2256	2261	2266	rVB5	266877	504674	1.26%	0.610%
34	16.153	2346	2351	2357	rBV	340541	561483	1.41%	0.679%
35	16.483	2399	2405	2418	rVB6	291339	889686	2.23%	1.075%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

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\82Y100322S.M
Title : SW846 8260

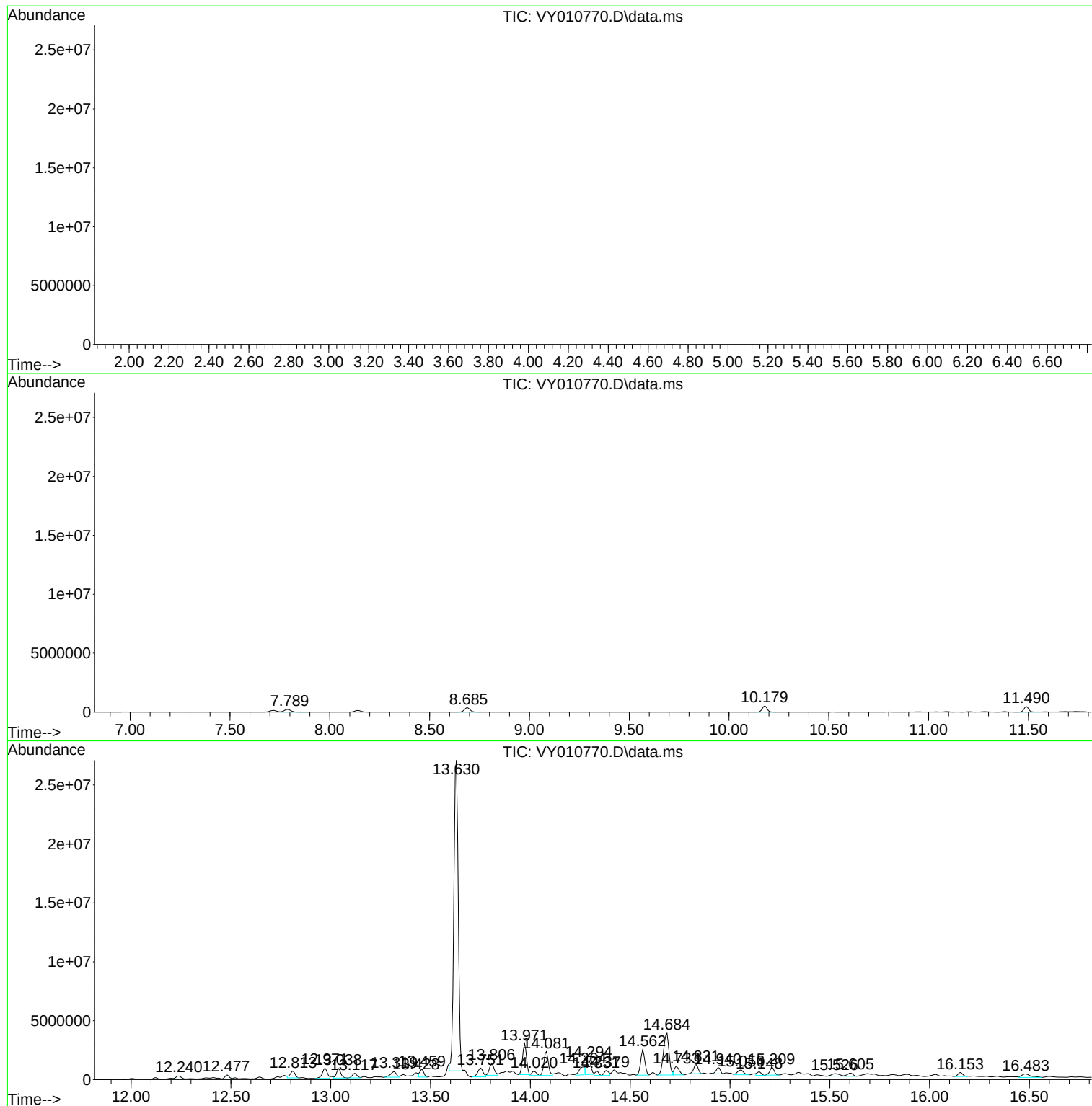
Sum of corrected areas: 82738718

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

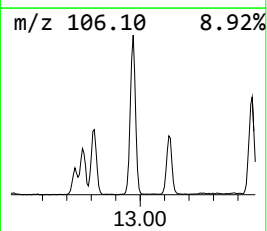
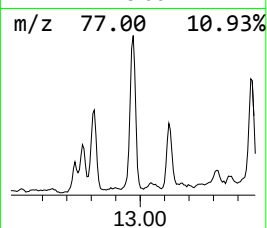
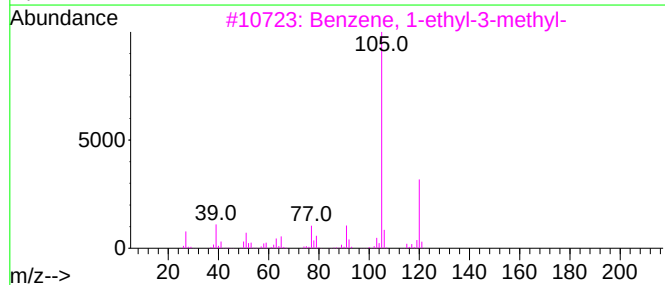
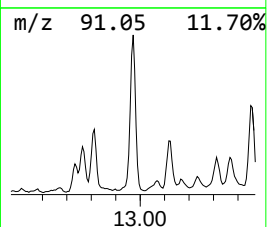
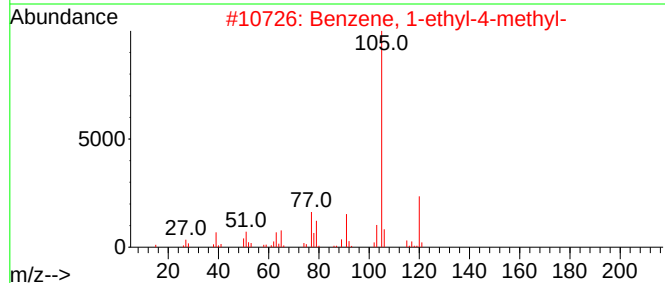
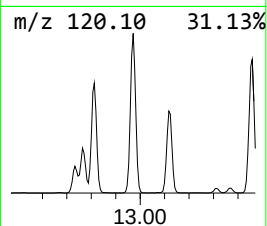
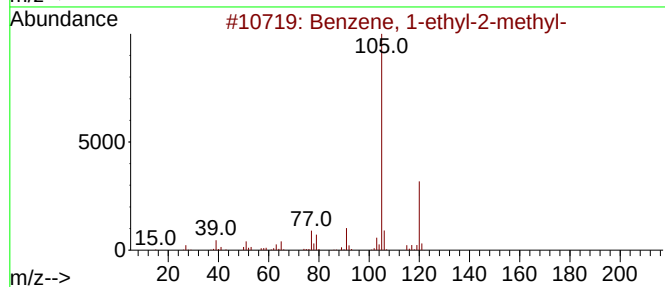
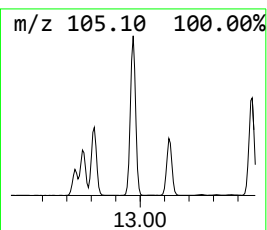
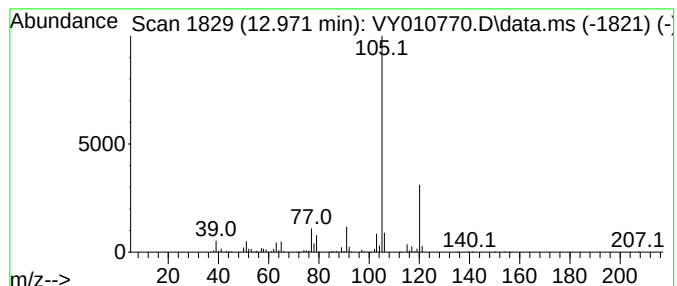
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	174.49 ug/l	1559160	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5			Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

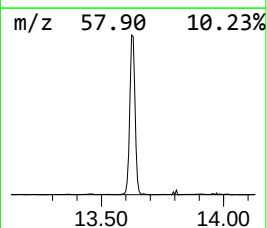
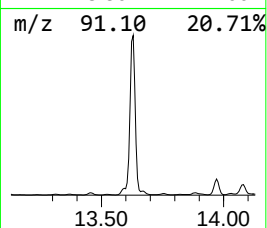
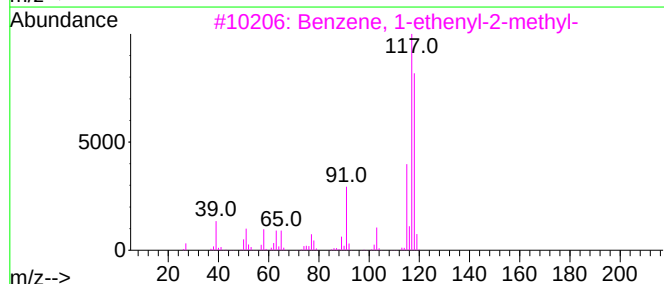
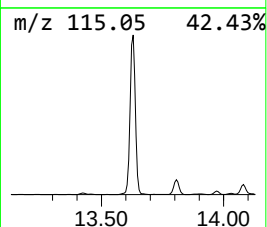
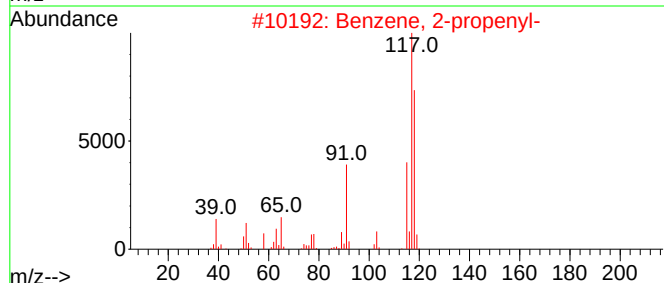
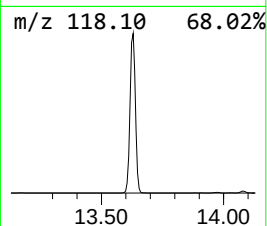
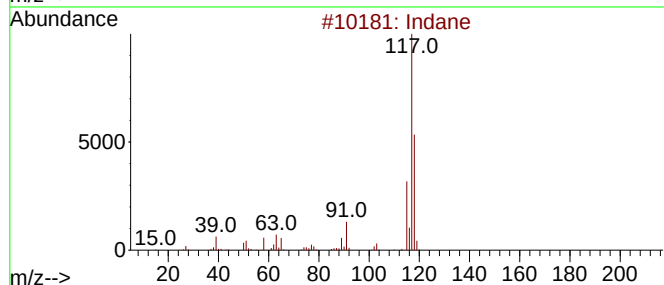
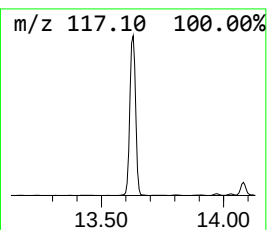
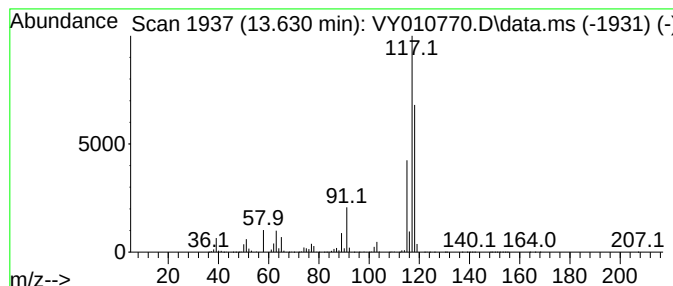
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	4464.95 ug/l	39897700	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	81
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

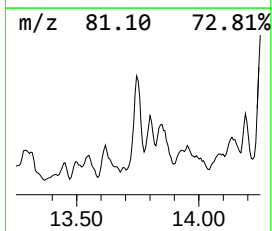
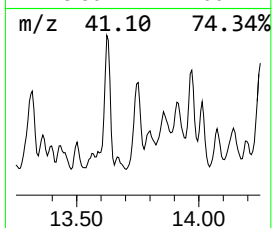
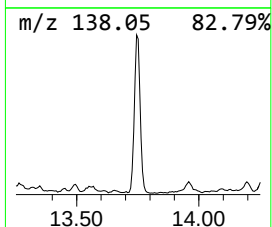
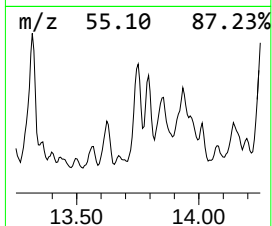
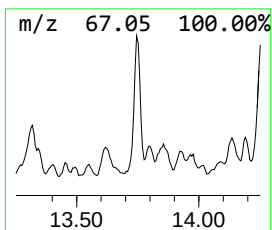
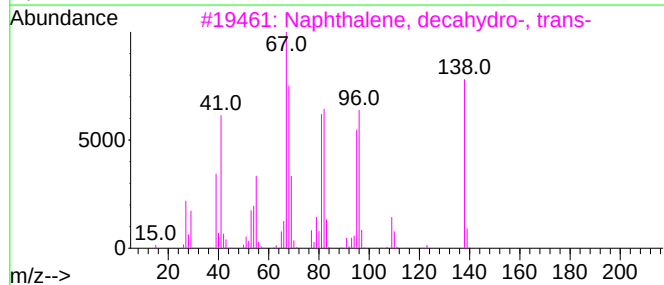
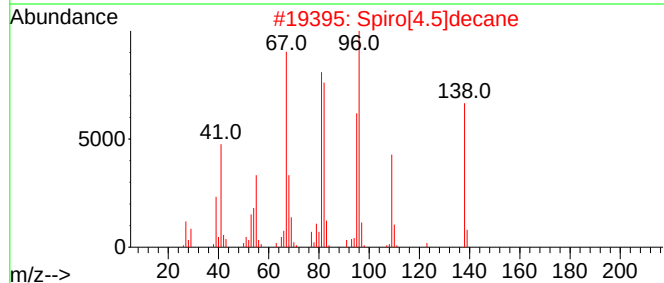
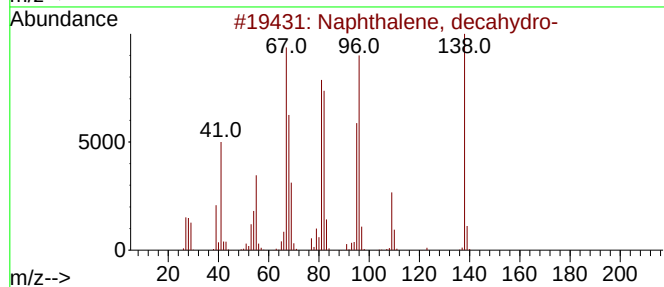
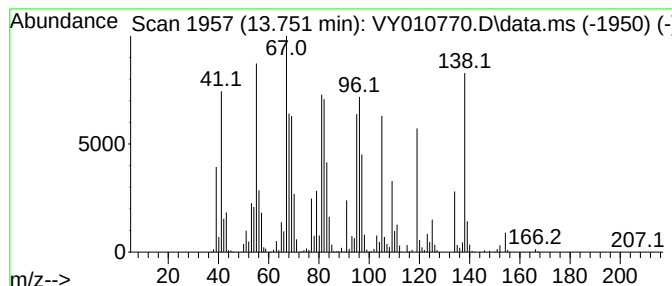
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.752	155.51 ug/l	1389590	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Spiro[4.5]decane	138	C10H18	000176-63-6	93
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	92
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
5			Cyclodecene	138	C10H18	003618-12-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

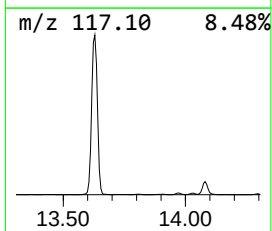
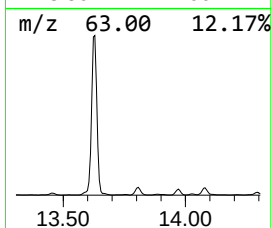
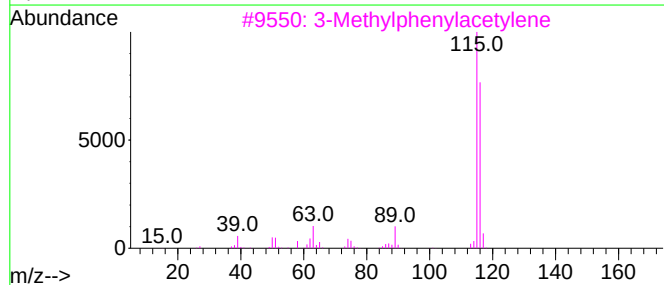
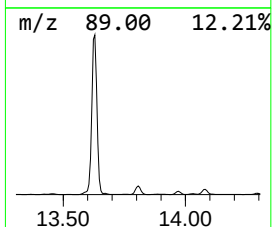
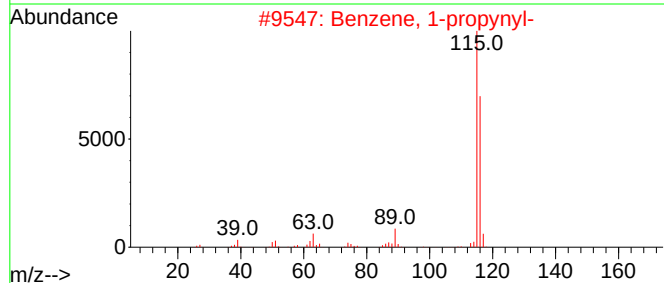
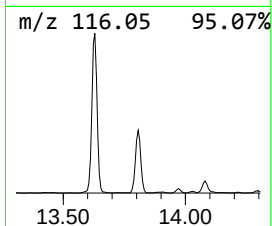
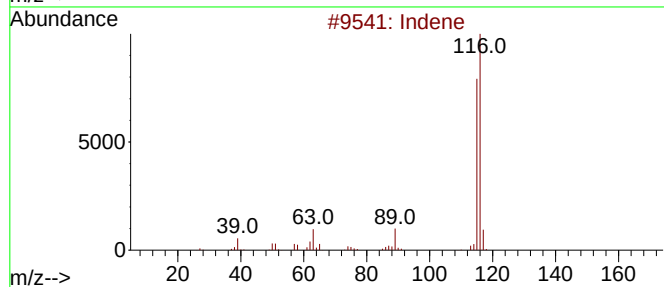
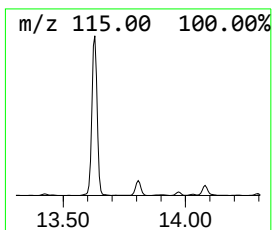
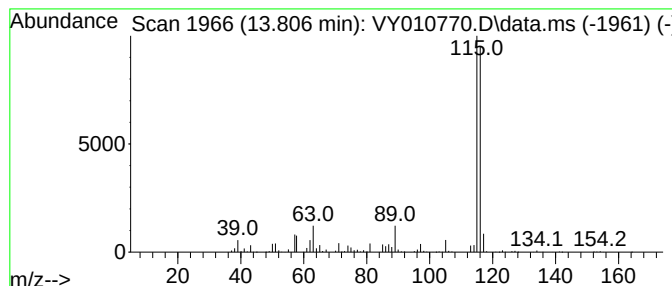
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 4 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	188.43 ug/l	1683760	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

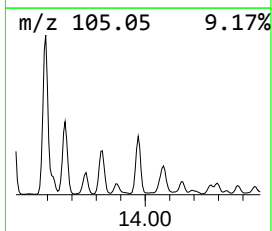
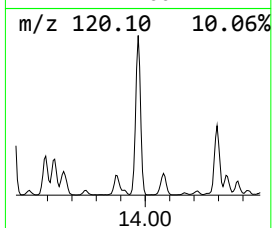
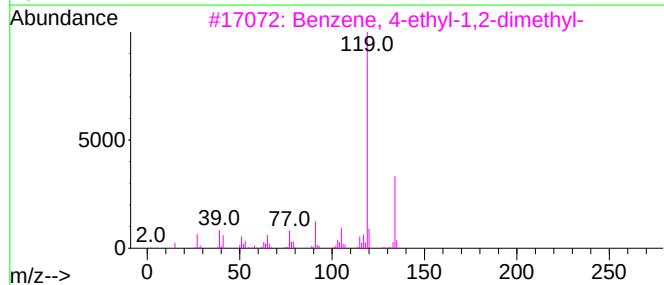
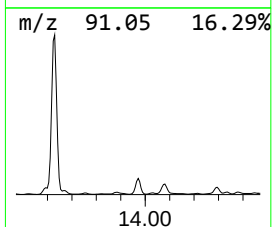
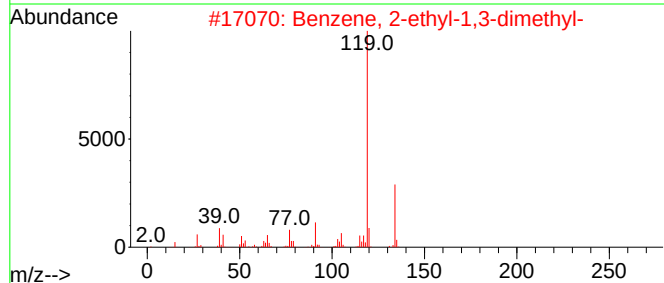
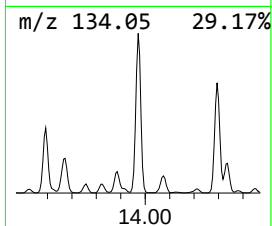
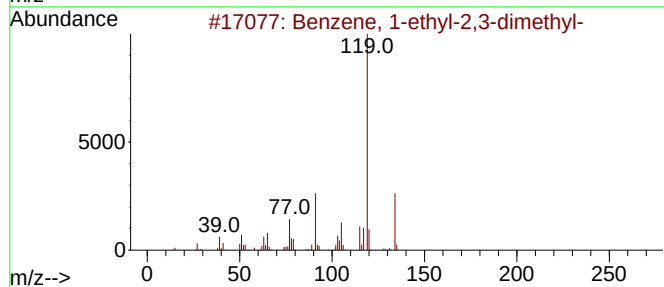
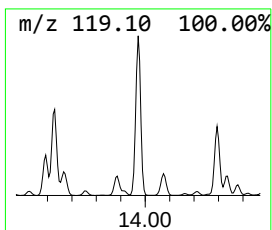
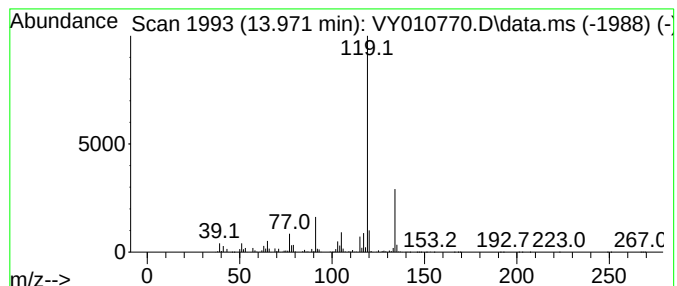
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	401.06 ug/l	3583800	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

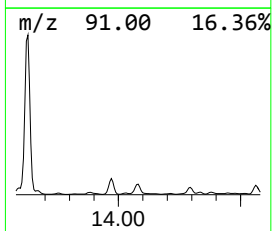
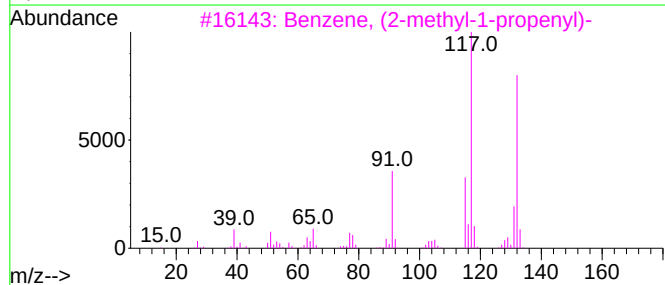
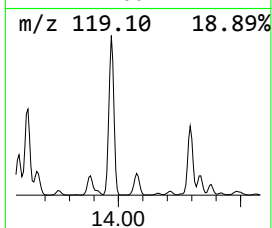
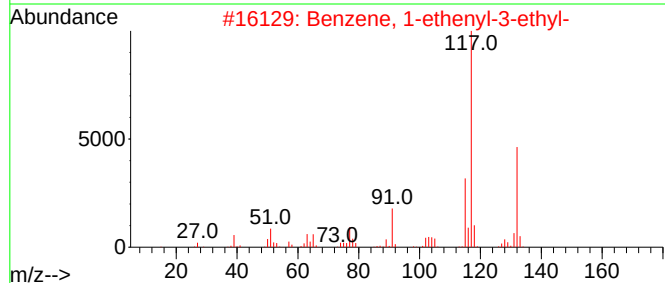
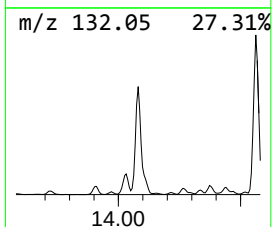
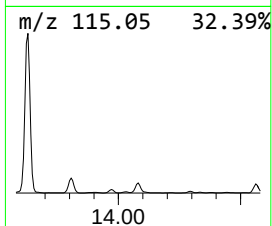
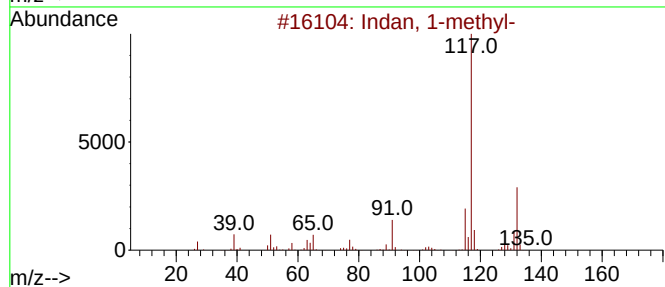
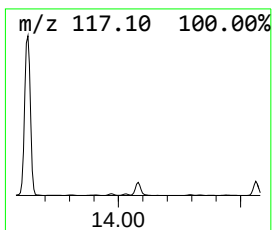
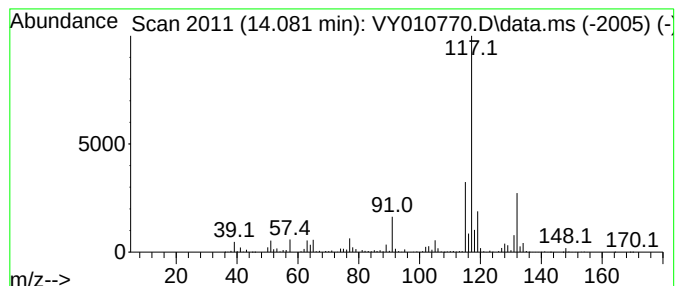
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 6 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	353.26 ug/l	3156630	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	94
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

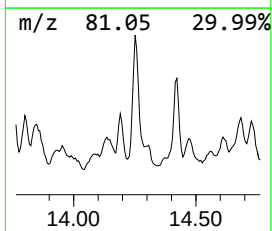
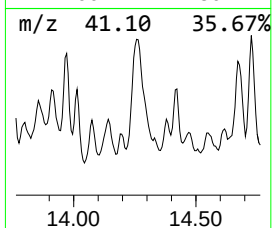
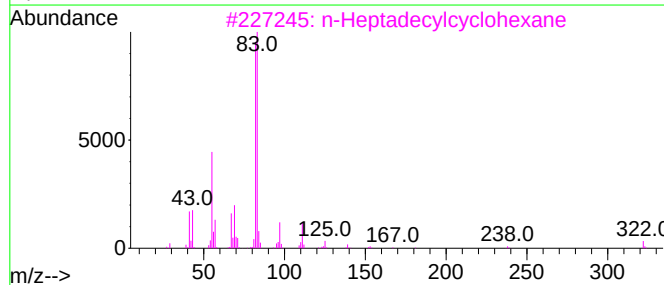
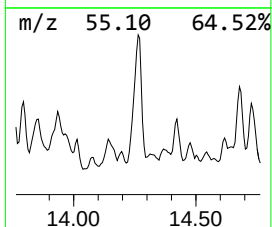
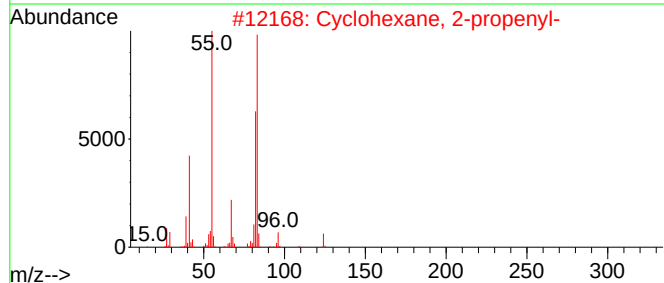
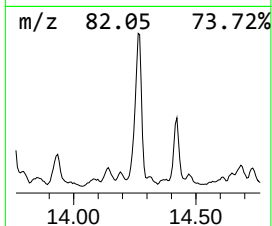
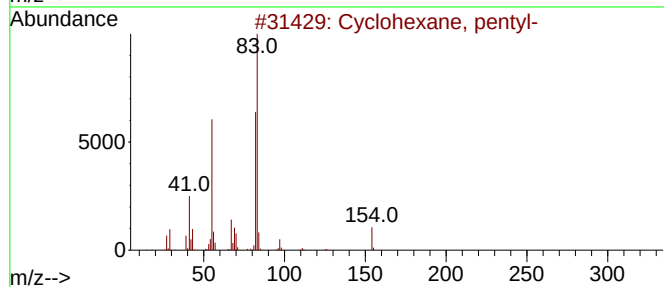
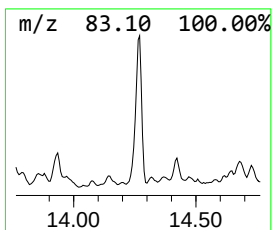
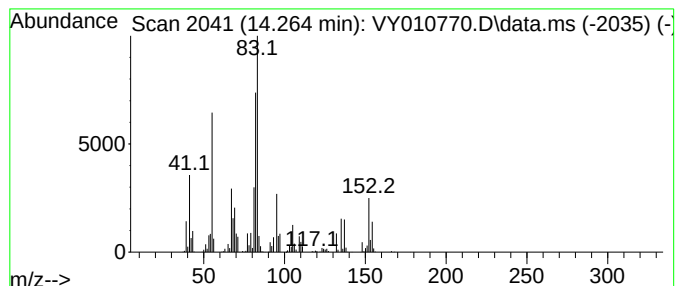
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.264	138.94 ug/l	1241570	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
3			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	50
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	50
5			(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

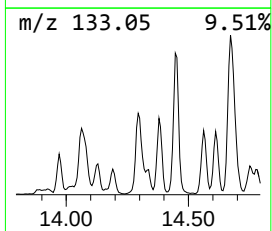
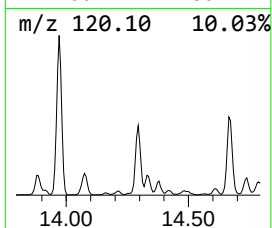
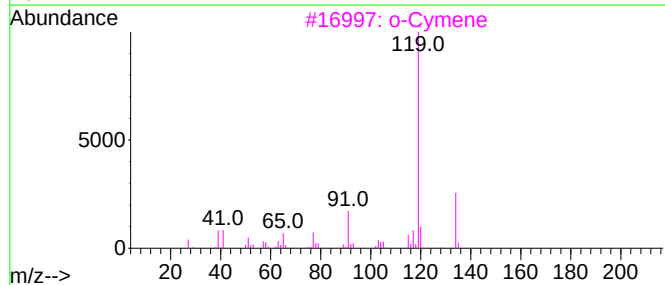
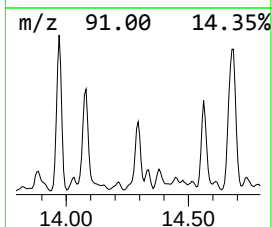
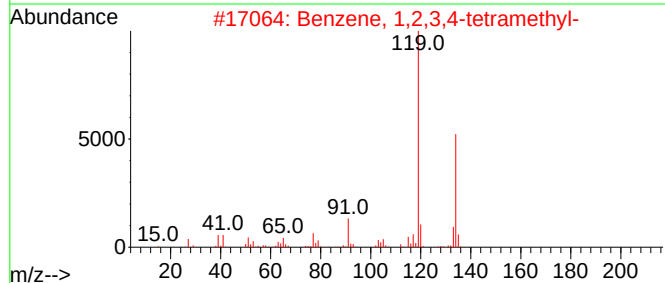
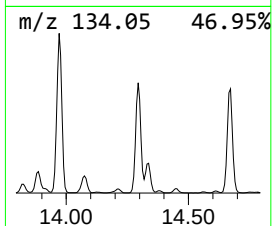
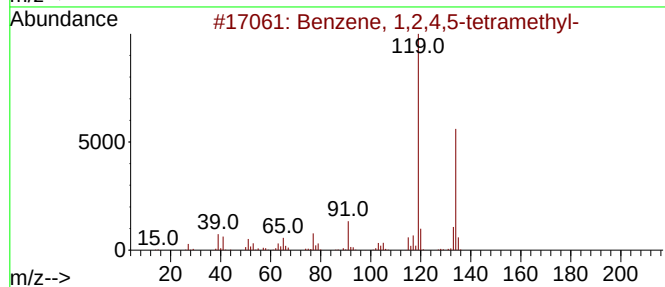
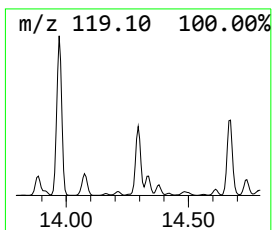
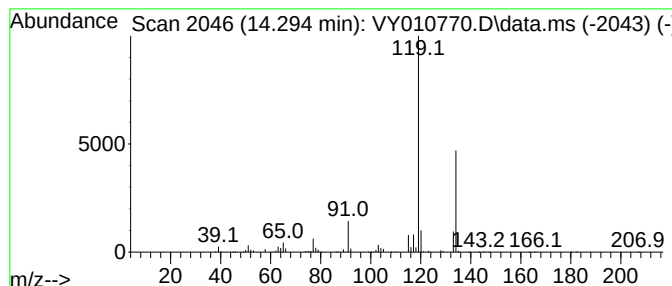
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	198.47 ug/l	1773510	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

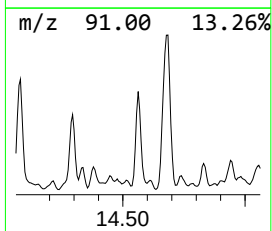
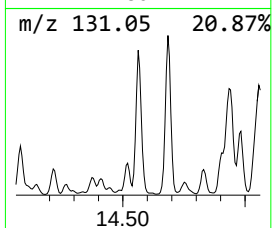
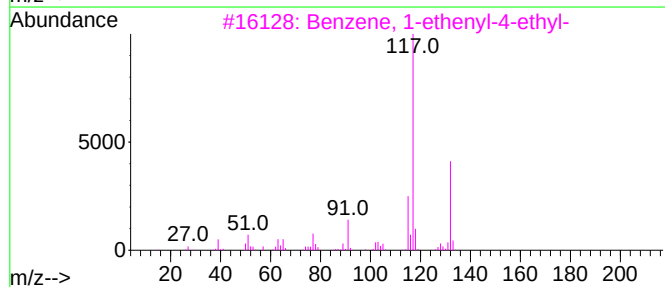
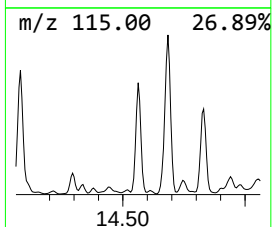
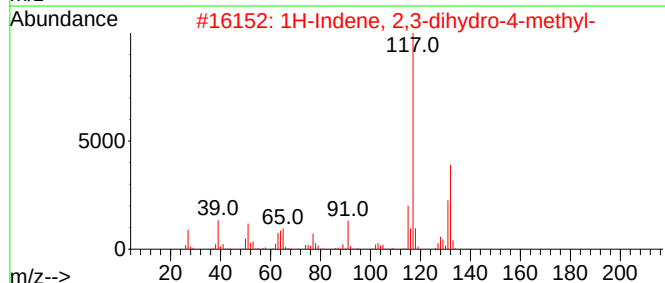
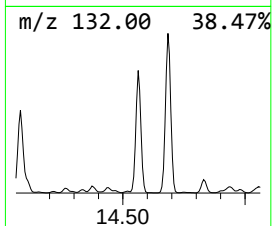
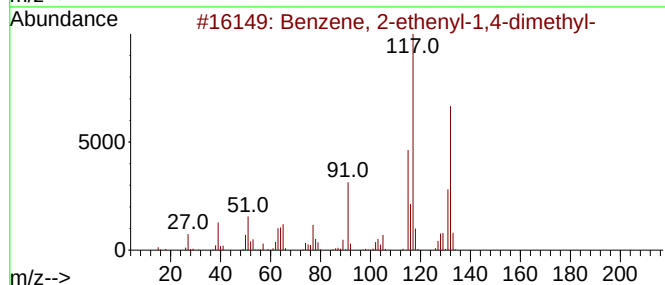
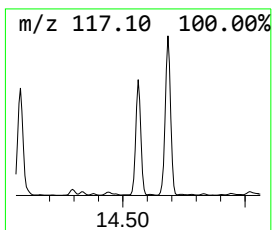
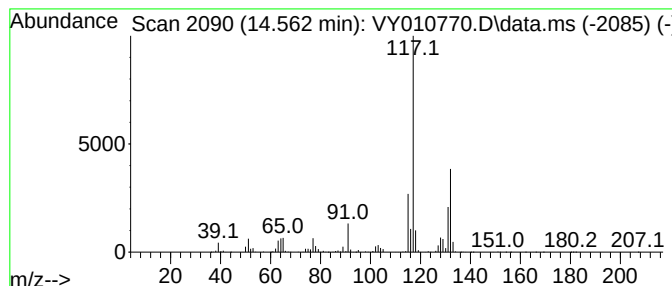
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	345.18 ug/l	3084430	1,4-Dichlorobenzene-d4	13.422

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	95
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

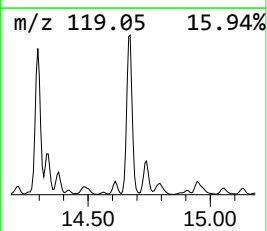
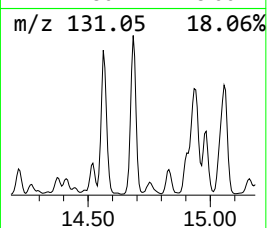
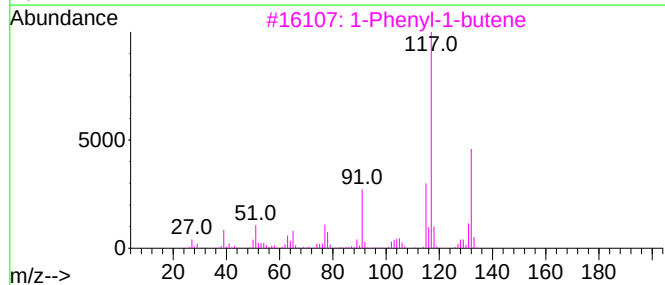
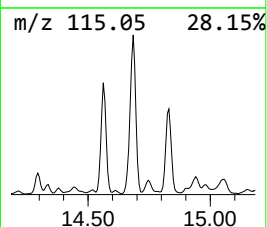
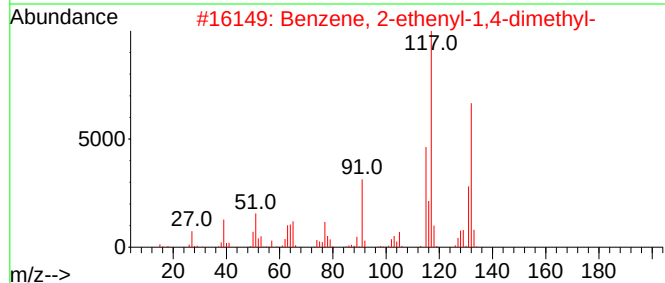
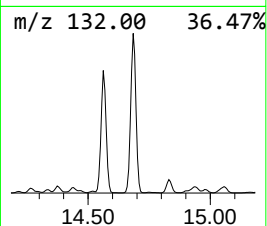
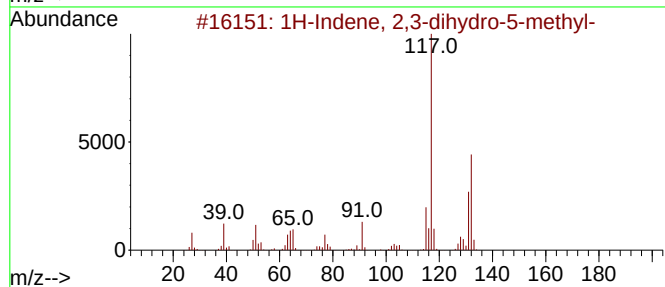
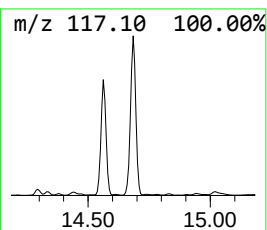
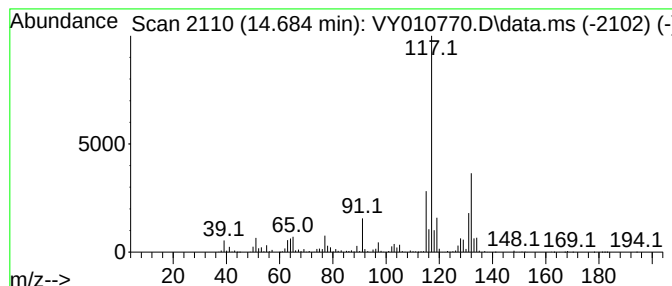
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	763.06 ug/l	6818500	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010770.D
Acq On : 03 Oct 2022 16:50
Operator : KP/MD
Sample : N4862-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.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-ethy...	12.971	174.5	ug/l	1559160	4	13.422	446787	50.0
Indane	13.630	4464.9	ug/l	39897700	4	13.422	446787	50.0
Naphthalene, de...	13.752	155.5	ug/l	1389590	4	13.422	446787	50.0
Indene	13.806	188.4	ug/l	1683760	4	13.422	446787	50.0
Benzene, 1-ethy...	13.971	401.1	ug/l	3583800	4	13.422	446787	50.0
Indan, 1-methyl-	14.081	353.3	ug/l	3156630	4	13.422	446787	50.0
Cyclohexane, pe...	14.264	138.9	ug/l	1241570	4	13.422	446787	50.0
Benzene, 1,2,4,...	14.294	198.5	ug/l	1773510	4	13.422	446787	50.0
Benzene, 2-ethe...	14.562	345.2	ug/l	3084430	4	13.422	446787	50.0
1H-Indene, 2,3-...	14.684	763.1	ug/l	6818500	4	13.422	446787	50.0