

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017272.D
 Acq On : 06 Feb 2024 18:11
 Operator : SY/MD
 Sample : P1355-01
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

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: VY017272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.083	205	207	215	rVB2	1931	2743	1.08%	0.153%
2	4.716	467	475	486	rBV2	4242	11835	4.68%	0.659%
3	5.753	635	645	657	rVB6	2423	8207	3.25%	0.457%
4	6.984	836	847	855	rBV2	4470	14519	5.74%	0.809%
5	7.716	958	967	974	rBV	36868	88857	35.14%	4.950%
6	7.795	974	980	993	rVB	59579	132862	52.54%	7.402%
7	8.143	1026	1037	1047	rBV	33323	75656	29.92%	4.215%
8	8.691	1116	1127	1139	rBV	90359	180945	71.56%	10.081%
9	10.185	1362	1372	1379	rBV	149041	252863	100.00%	14.088%
10	10.581	1430	1437	1444	rBV	11251	20790	8.22%	1.158%
11	10.953	1492	1498	1503	rBV2	3603	6927	2.74%	0.386%
12	11.496	1580	1587	1595	rBV	130252	214459	84.81%	11.948%
13	11.709	1618	1622	1629	rVB9	1309	2777	1.10%	0.155%
14	12.343	1719	1726	1733	rBV	65561	110809	43.82%	6.173%
15	12.489	1744	1750	1756	rVB2	94245	156367	61.84%	8.712%
16	12.892	1814	1816	1821	rVB5	2102	3006	1.19%	0.167%
17	13.349	1889	1891	1893	rVB3	4067	2990	1.18%	0.167%
18	13.434	1899	1905	1915	rBV	108831	178995	70.79%	9.972%
19	13.678	1935	1945	1951	rBV5	8243	24702	9.77%	1.376%
20	13.977	1990	1994	1997	rVB3	5481	7762	3.07%	0.432%
21	14.093	2009	2013	2016	rBV6	4471	7002	2.77%	0.390%
22	14.300	2044	2047	2050	rBV3	6729	9585	3.79%	0.534%
23	14.343	2051	2054	2058	rVB2	10041	12497	4.94%	0.696%
24	14.690	2105	2111	2117	rBV2	34320	69659	27.55%	3.881%
25	14.952	2151	2154	2158	rVB4	7864	9842	3.89%	0.548%
26	15.172	2185	2190	2193	rBV2	9814	15519	6.14%	0.865%
27	15.410	2226	2229	2232	rBV5	5448	7794	3.08%	0.434%
28	15.532	2244	2249	2255	rVB2	17656	34726	13.73%	1.935%
29	15.702	2273	2277	2282	rBV2	10314	21830	8.63%	1.216%
30	16.233	2358	2364	2366	rBV7	4036	9689	3.83%	0.540%
31	16.501	2402	2408	2416	rVB2	44877	98716	39.04%	5.500%

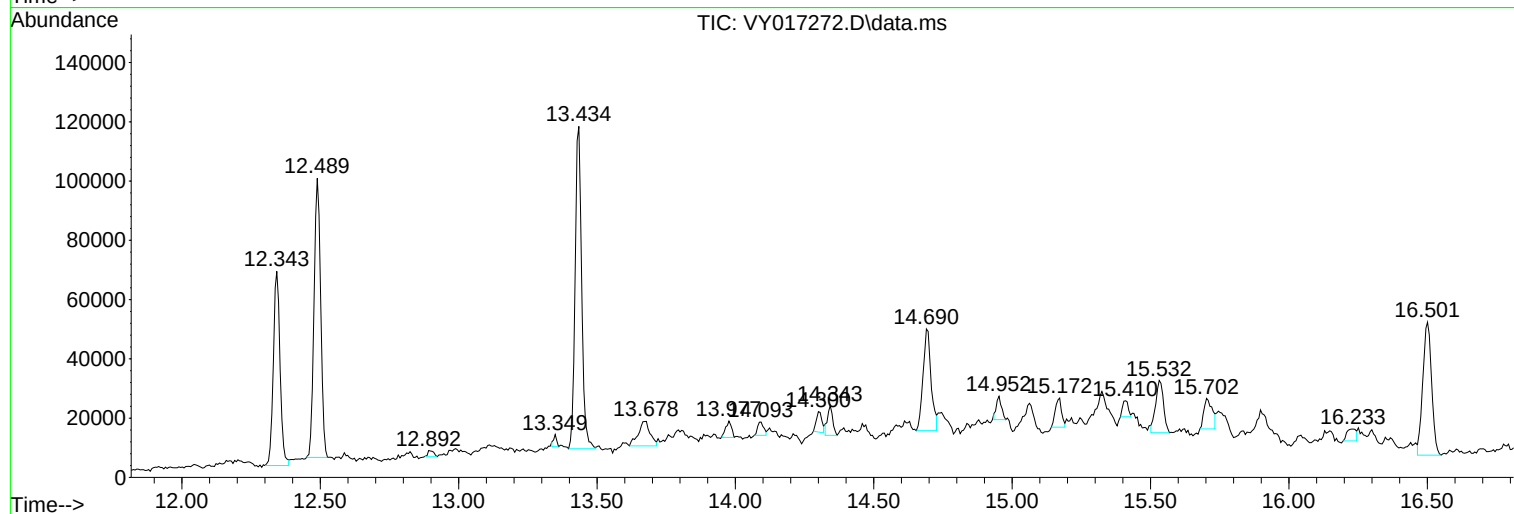
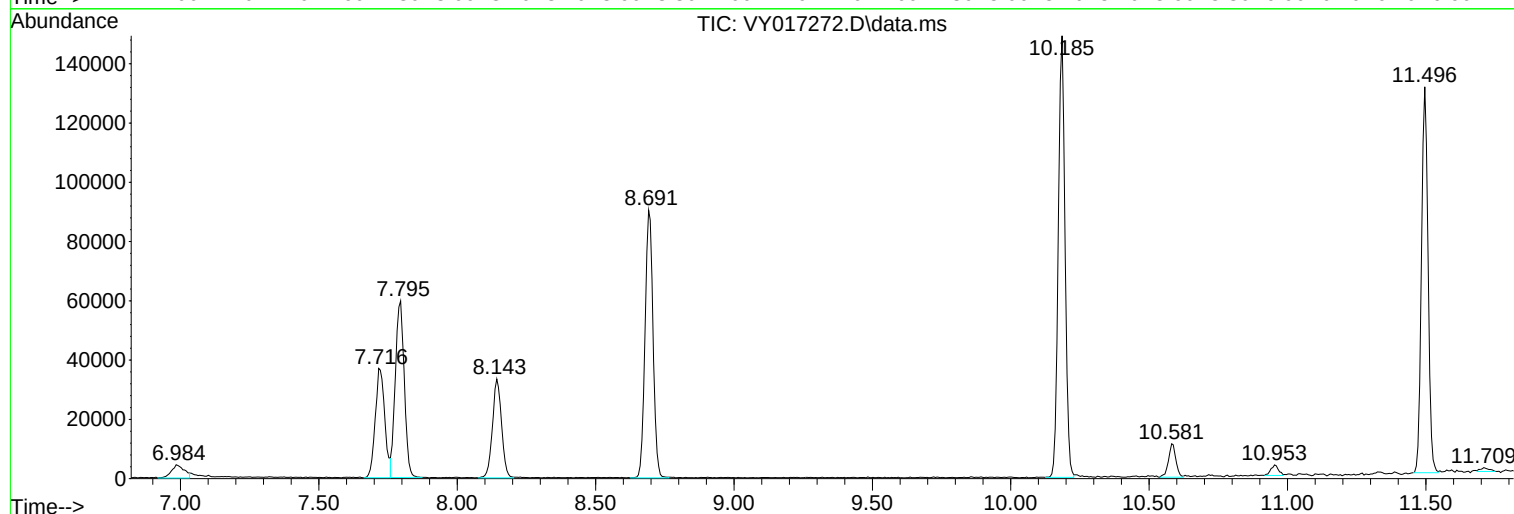
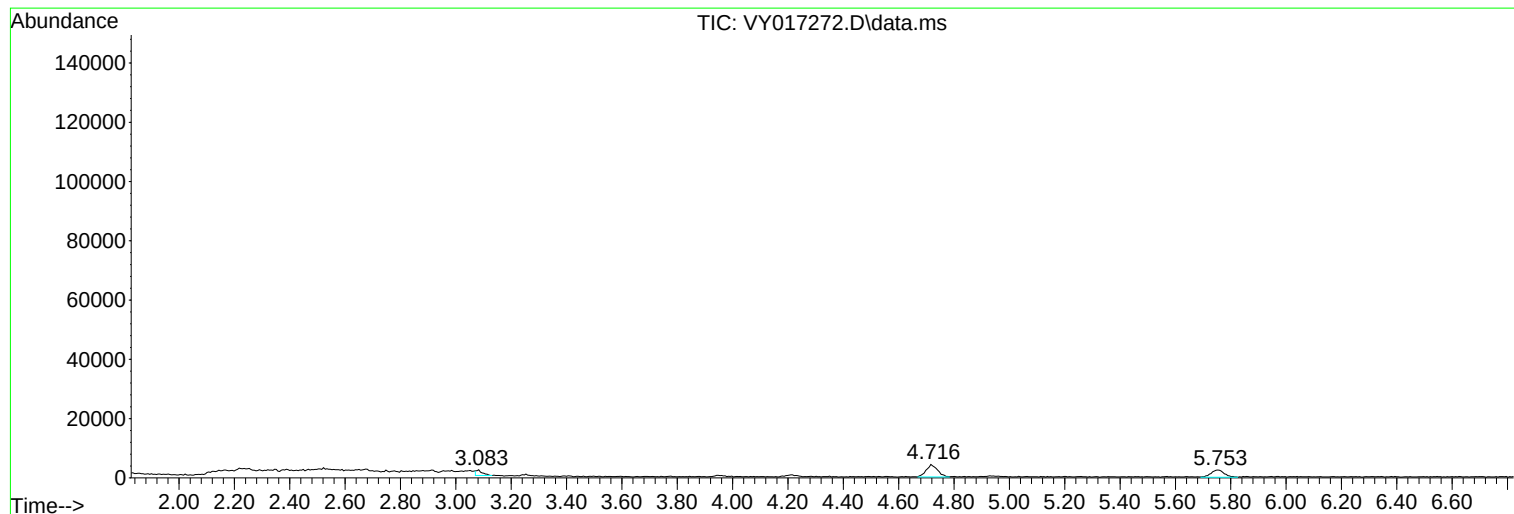
Sum of corrected areas: 1794930

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

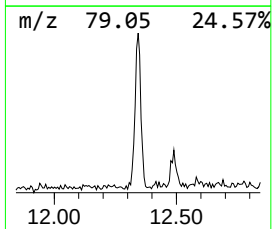
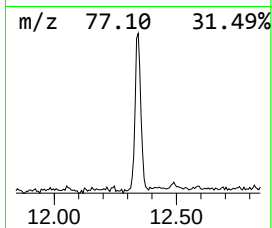
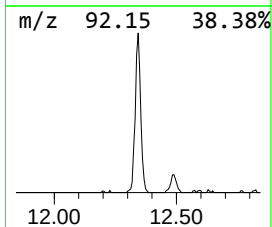
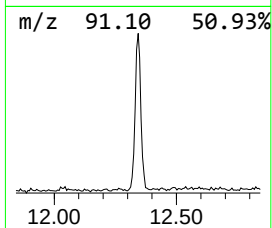
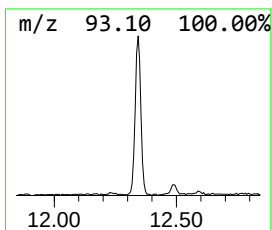
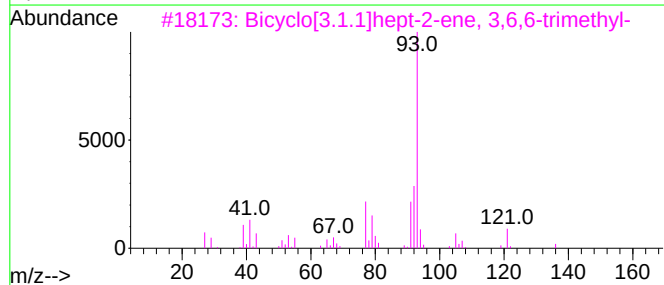
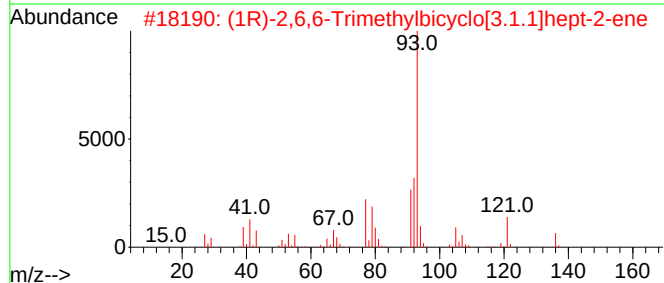
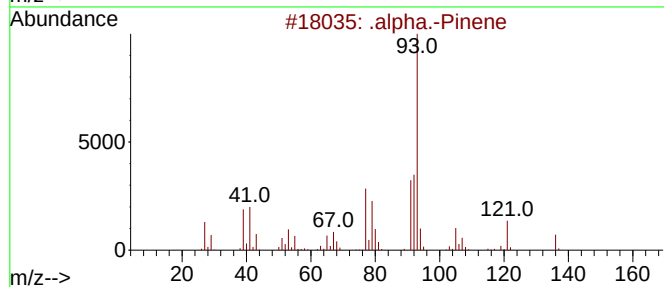
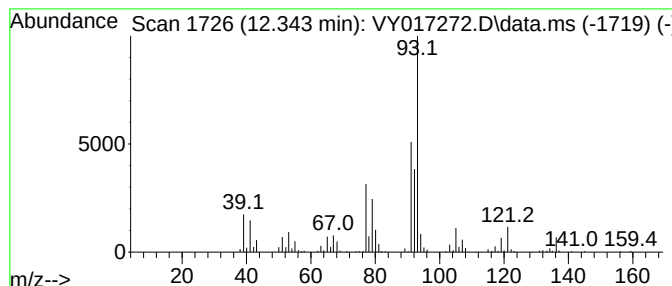
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

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 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.343	25.83 ug/l	110809	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

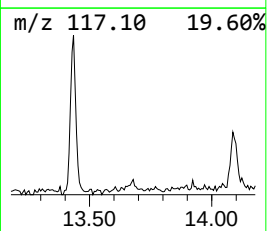
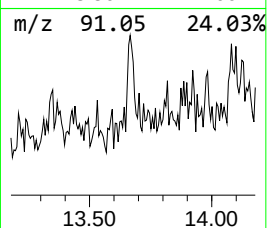
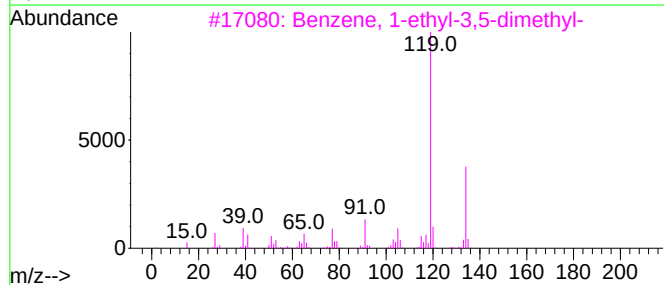
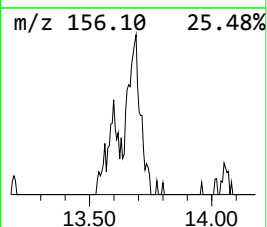
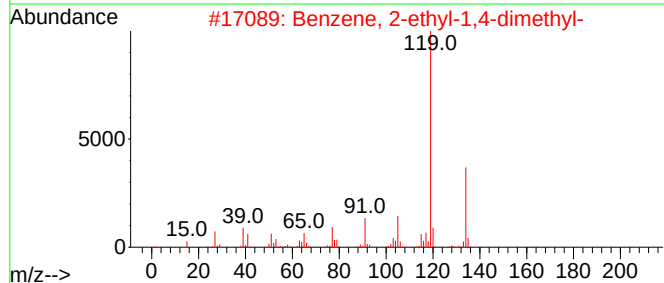
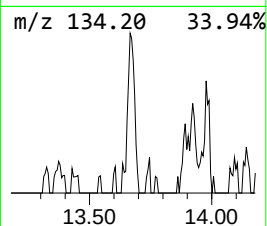
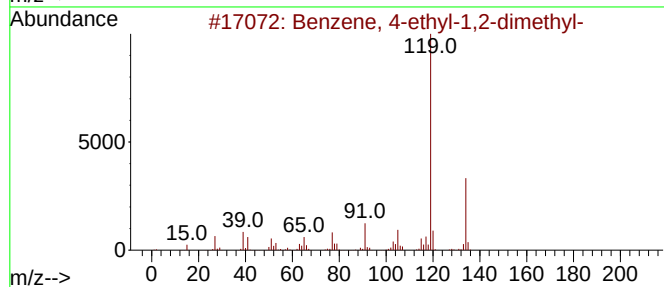
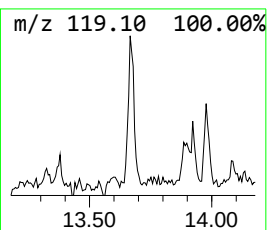
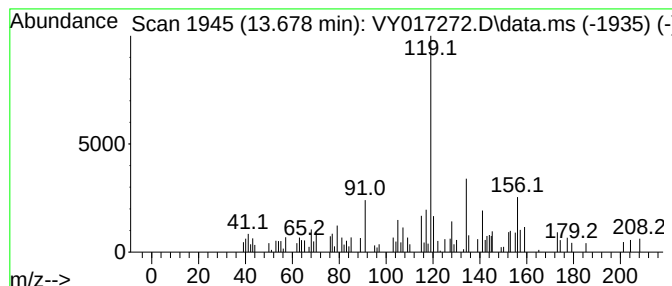
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.678	6.90 ug/l	24702	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

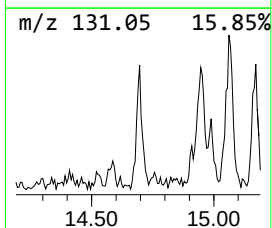
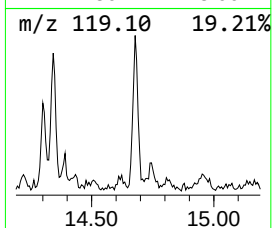
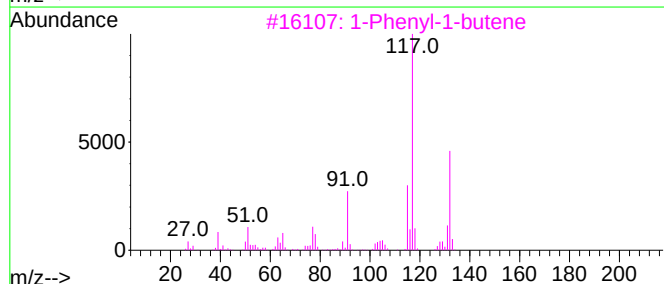
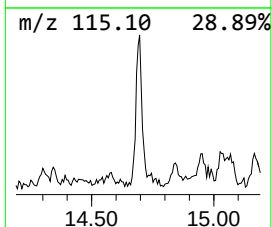
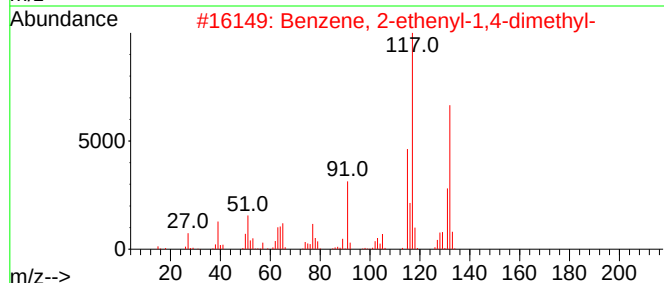
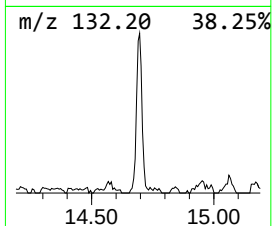
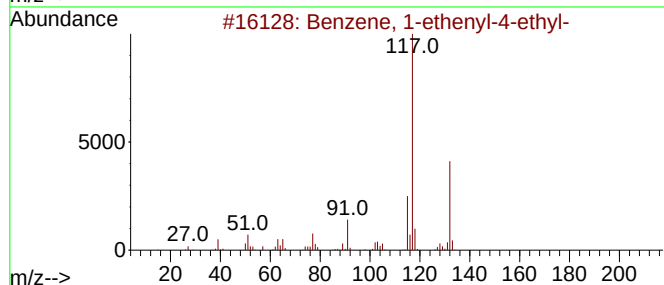
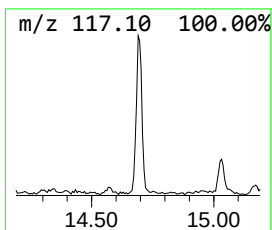
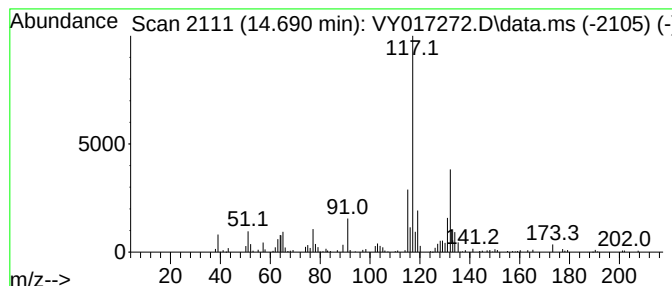
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	19.46 ug/l	69659	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

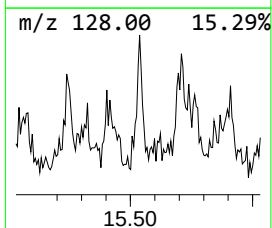
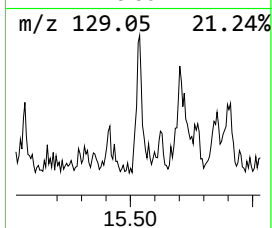
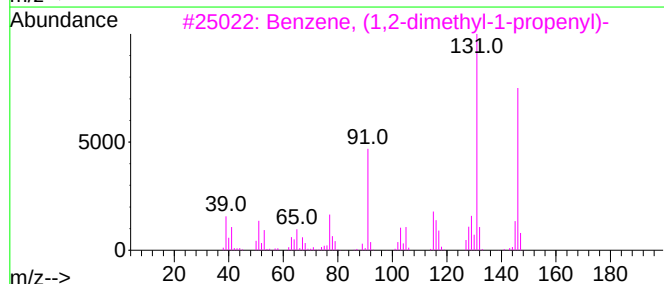
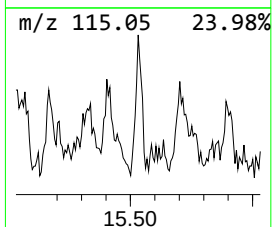
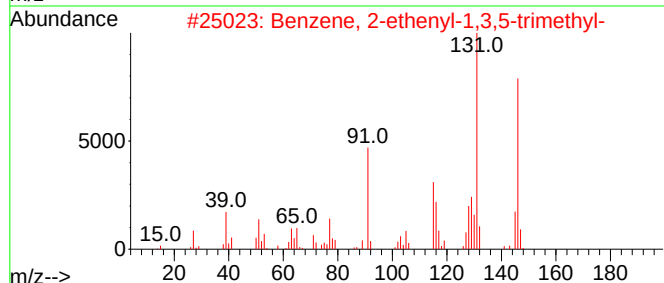
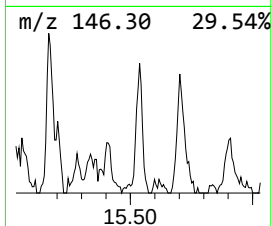
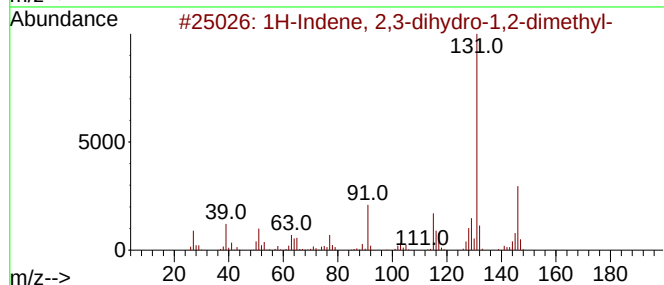
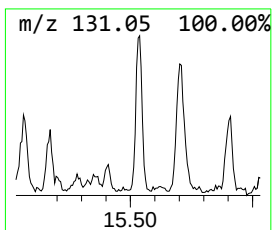
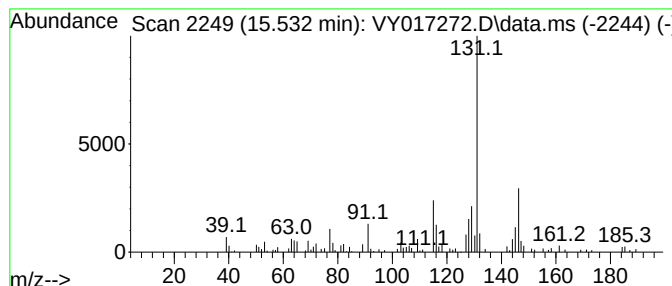
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.531	9.70 ug/l	34726	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

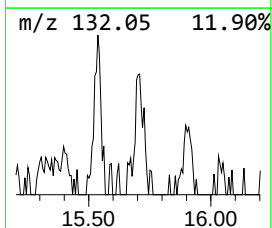
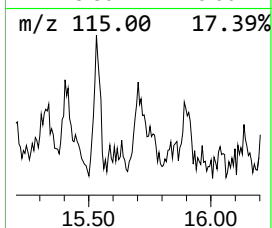
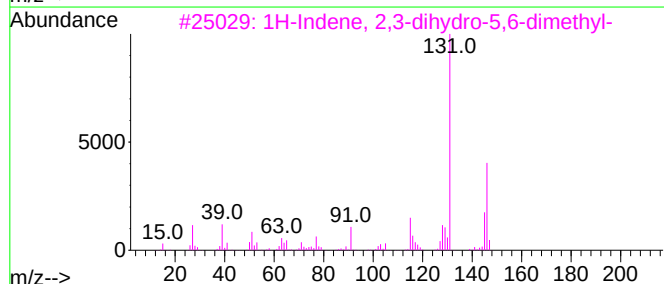
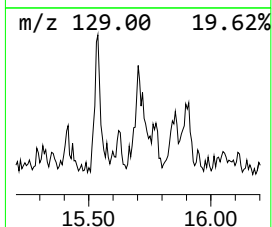
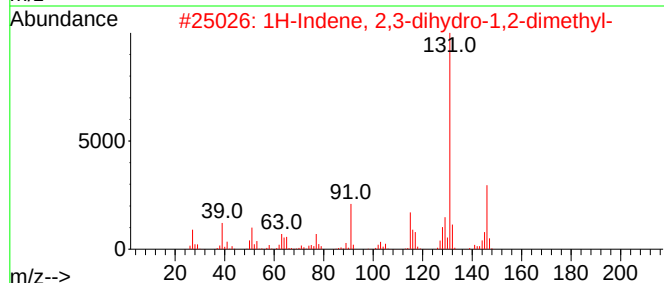
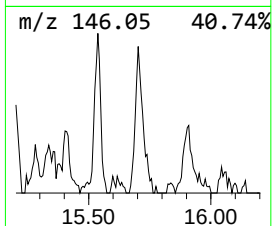
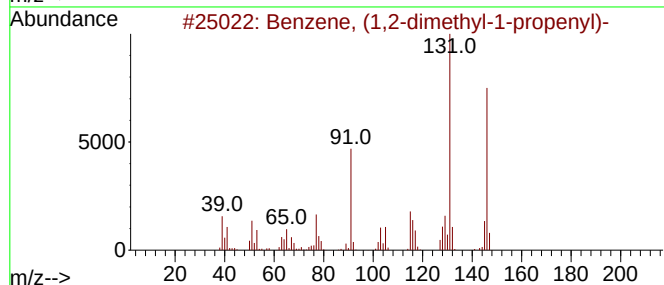
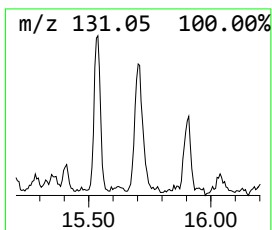
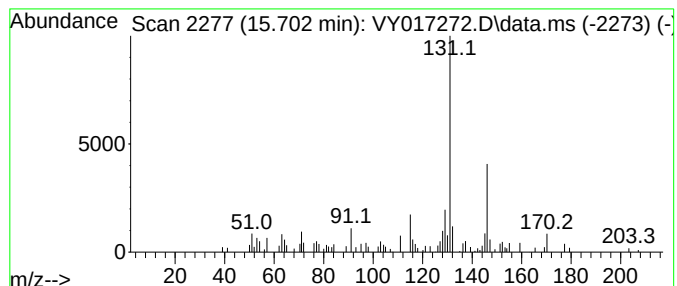
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.702	6.10 ug/l	21830	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	86
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

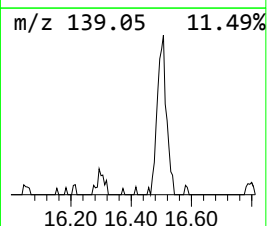
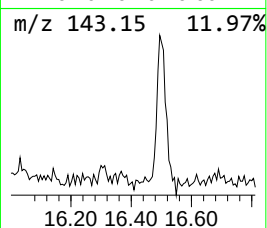
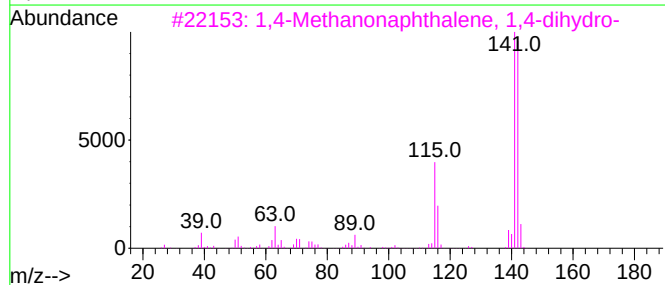
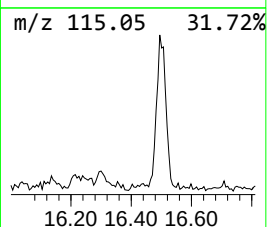
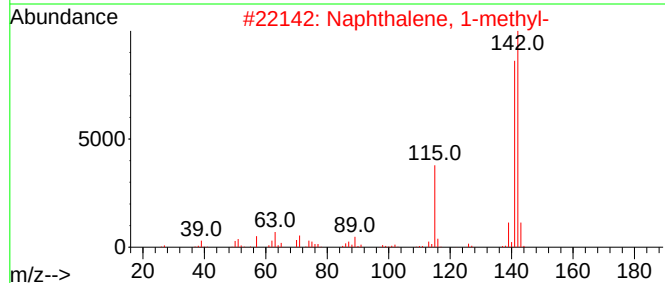
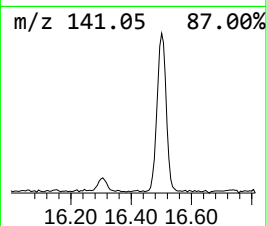
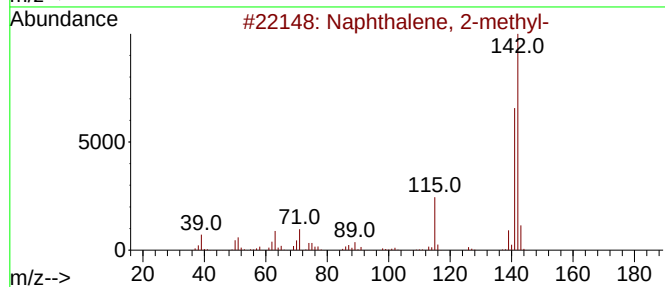
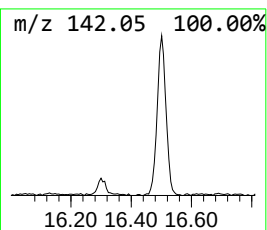
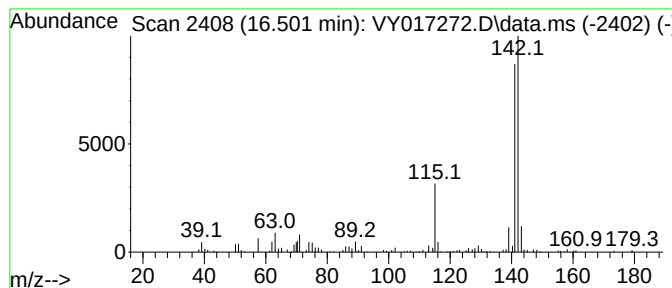
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 7 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	27.58 ug/l	98716	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

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
.alpha.-Pinene	12.343	25.8	ug/l	110809	3	11.496	214459	50.0
Benzene, 4-ethy...	13.678	6.9	ug/l	24702	4	13.434	178995	50.0
Benzene, 1-ethe...	14.690	19.5	ug/l	69659	4	13.434	178995	50.0
1H-Indene, 2,3-...	15.531	9.7	ug/l	34726	4	13.434	178995	50.0
Benzene, (1,2-d...	15.702	6.1	ug/l	21830	4	13.434	178995	50.0
1,4-Methanonaph...	16.501	27.6	ug/l	98716	4	13.434	178995	50.0