

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002082.D
 Acq On : 25 Mar 2020 20:58
 Operator : SY/MD
 Sample : L2040-04
 Misc : 6.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-06

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.755	487	495	505	rBV3	7630	23719	2.93%	0.426%
2	7.748	977	986	992	rBV	99968	240364	29.68%	4.314%
3	7.821	992	998	1010	rVB	169384	384658	47.50%	6.904%
4	8.169	1047	1055	1070	rVB	109465	238712	29.48%	4.285%
5	8.718	1135	1145	1155	rBV	289988	578912	71.50%	10.391%
6	10.199	1380	1388	1396	rBV	481391	809723	100.00%	14.534%
7	11.510	1595	1603	1613	rVB	422355	699498	86.39%	12.555%
8	12.497	1758	1765	1776	rVB	324409	503458	62.18%	9.036%
9	12.820	1813	1818	1823	rVB3	8668	15446	1.91%	0.277%
10	13.442	1913	1920	1928	rVB	403117	640850	79.14%	11.502%
11	13.765	1969	1973	1978	rBV	20262	30176	3.73%	0.542%
12	13.979	2004	2008	2014	rVB3	12662	20832	2.57%	0.374%
13	14.095	2022	2027	2032	rBV4	14205	23111	2.85%	0.415%
14	14.271	2051	2056	2060	rBV7	6397	13946	1.72%	0.250%
15	14.326	2060	2065	2067	rVV4	5713	12113	1.50%	0.217%
16	14.345	2067	2068	2072	rVB2	8089	8757	1.08%	0.157%
17	14.399	2072	2077	2080	rBV6	10911	15991	1.97%	0.287%
18	14.430	2080	2082	2087	rVB3	7834	9906	1.22%	0.178%
19	14.540	2096	2100	2102	rBV4	7473	11248	1.39%	0.202%
20	14.582	2102	2107	2111	rVV5	21237	49902	6.16%	0.896%
21	14.625	2111	2114	2119	rVB2	32146	45258	5.59%	0.812%
22	14.698	2119	2126	2131	rBV4	32685	72324	8.93%	1.298%
23	14.747	2131	2134	2141	rVB5	12000	21561	2.66%	0.387%
24	14.851	2144	2151	2155	rBV5	12005	20317	2.51%	0.365%
25	14.960	2165	2169	2173	rBV4	13077	21451	2.65%	0.385%
26	15.034	2177	2181	2182	rVV3	15116	20629	2.55%	0.370%
27	15.064	2182	2186	2195	rVB5	39230	78206	9.66%	1.404%
28	15.235	2207	2214	2216	rBV6	13063	27412	3.39%	0.492%
29	15.308	2222	2226	2230	rBV4	12796	19572	2.42%	0.351%
30	15.375	2231	2237	2246	rVV5	27364	73132	9.03%	1.313%
31	15.448	2246	2249	2259	rVB4	26811	48410	5.98%	0.869%
32	15.546	2259	2265	2272	rBV5	28227	65029	8.03%	1.167%
33	15.619	2272	2277	2282	rVB4	10098	17684	2.18%	0.317%
34	15.710	2284	2292	2295	rBV7	20651	49111	6.07%	0.881%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

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\82Y030420S.M
Title : SW846 8260

35	15.747	2295	2298	2305	rVB4	36632	61248	7.56%	1.099%
36	15.838	2308	2313	2318	rBV8	7214	13524	1.67%	0.243%
37	15.911	2318	2325	2332	rBV5	12829	29824	3.68%	0.535%
38	16.058	2343	2349	2354	rBV2	28370	58005	7.16%	1.041%
39	16.253	2373	2381	2386	rBV3	36162	77987	9.63%	1.400%
40	16.314	2386	2391	2397	rVB	45741	83557	10.32%	1.500%
41	16.515	2416	2424	2431	rBV	144098	303806	37.52%	5.453%
42	16.649	2440	2446	2454	rVB4	12244	32047	3.96%	0.575%

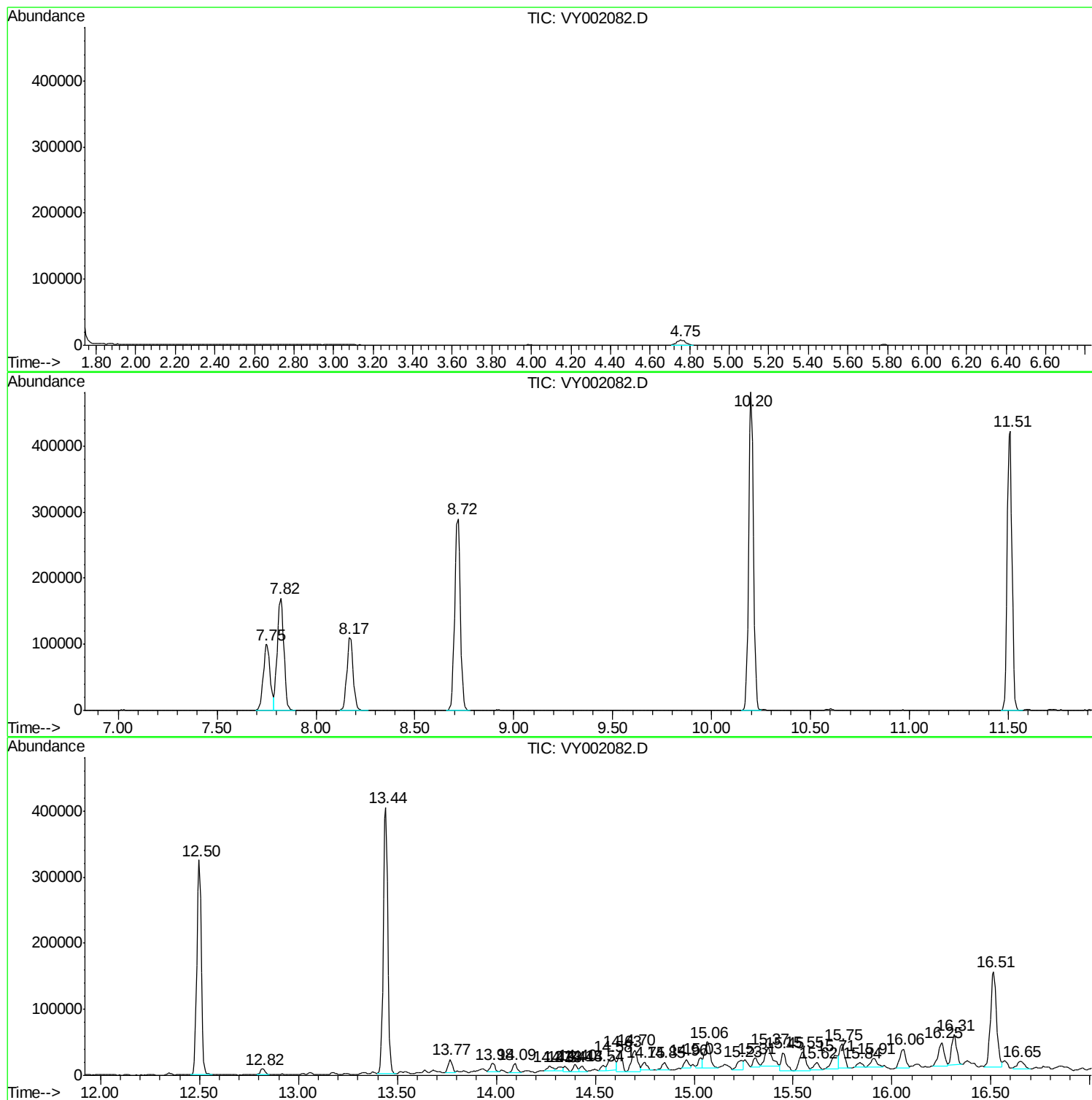
Sum of corrected areas: 5571416

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

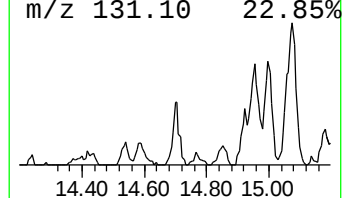
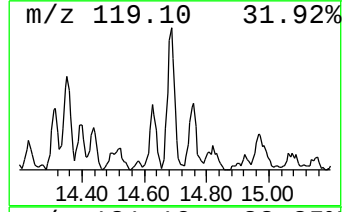
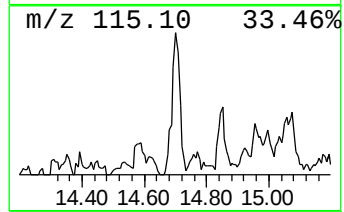
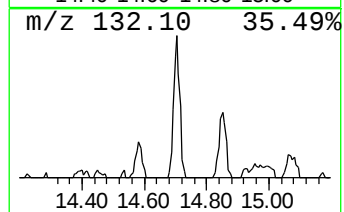
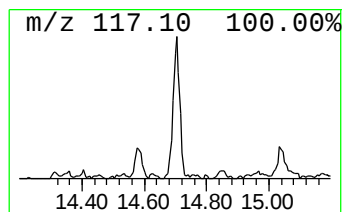
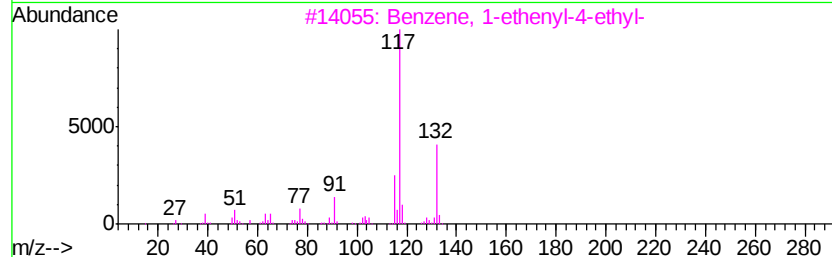
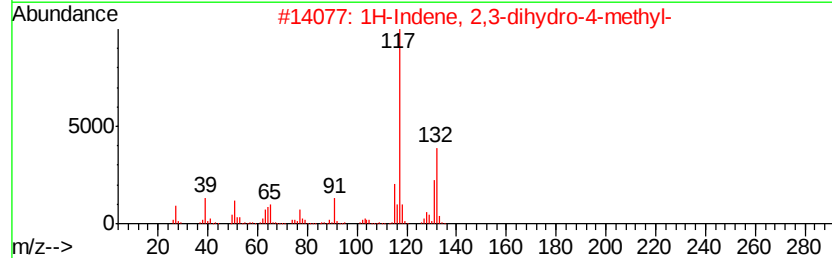
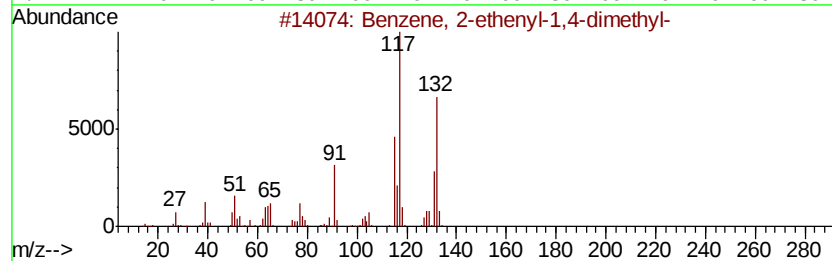
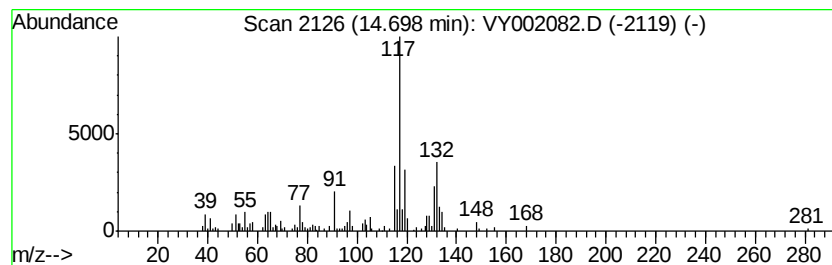
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.64 ug/l	72324	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

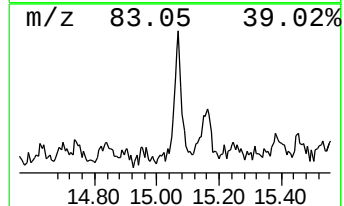
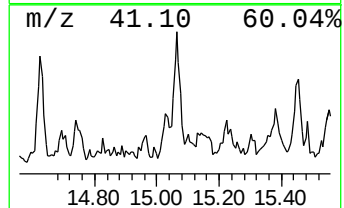
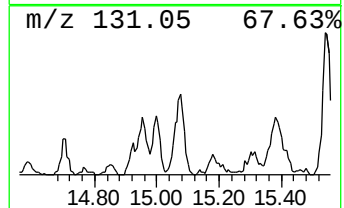
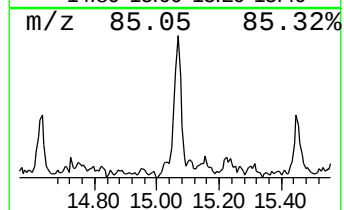
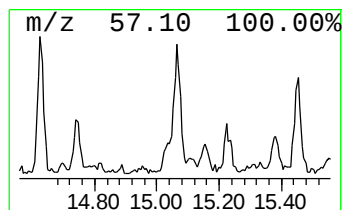
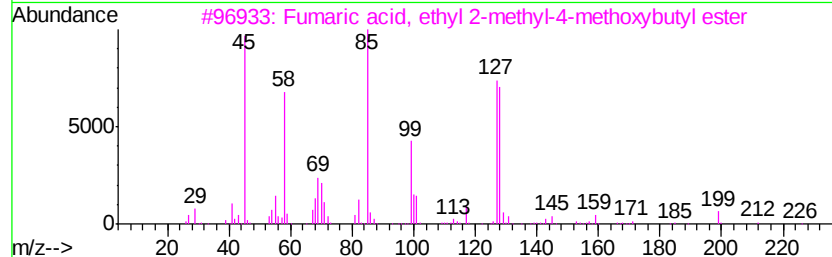
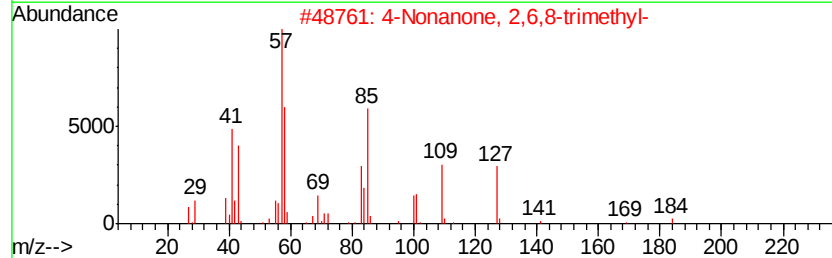
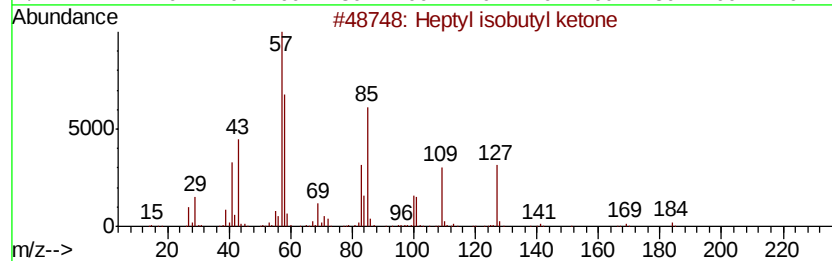
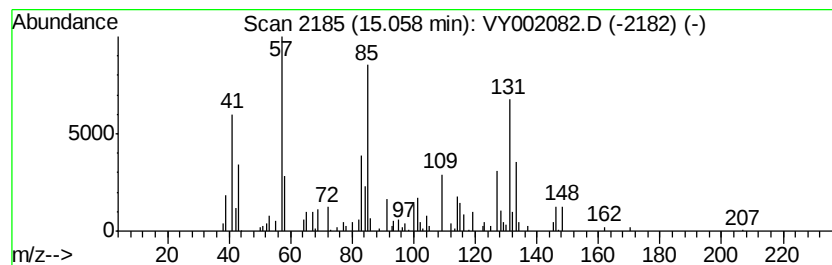
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptyl isobutyl ketone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.10 ug/l	78206	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	55
2		4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	55
3		Fumaric acid, ethyl 2-methyl-4-m...	244	C12H20O5	1000339-19-5	17
4		Thiazole	85	C3H3NS	000288-47-1	14
5		4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

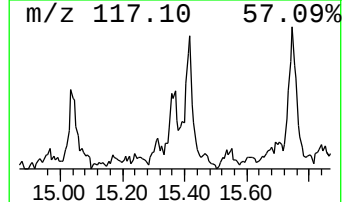
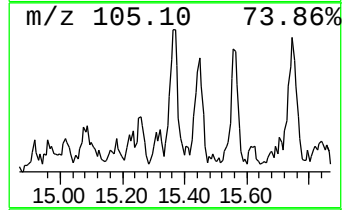
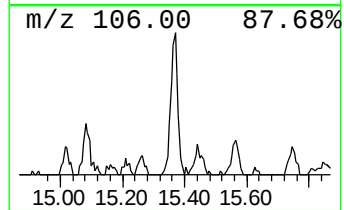
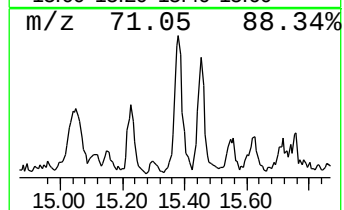
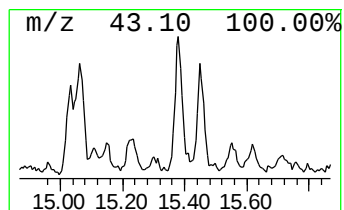
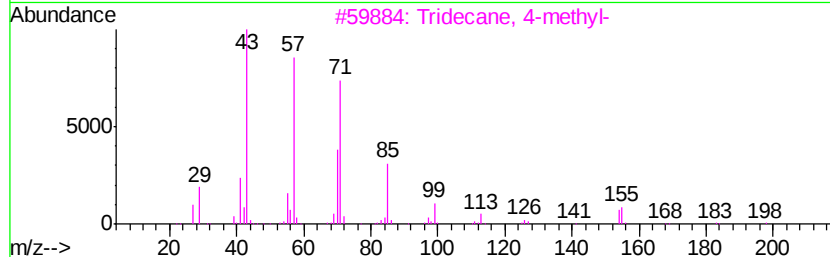
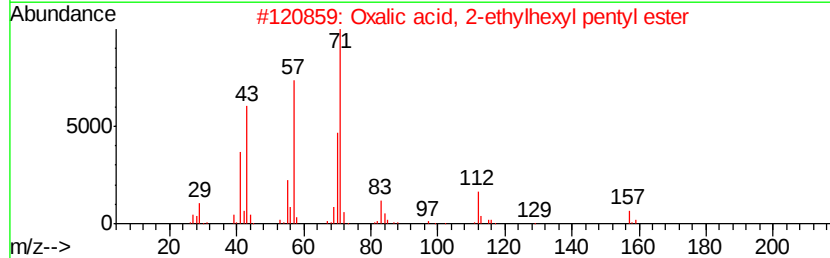
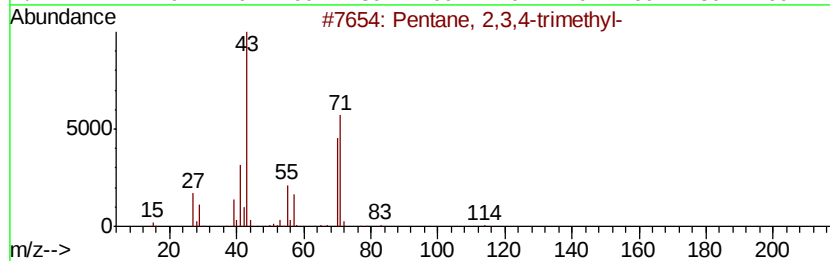
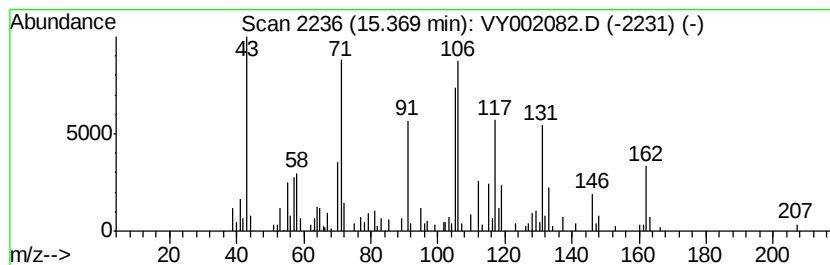
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown15.37 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.71 ug/l	73132	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	22
2		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	16
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	12
4		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	12
5		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

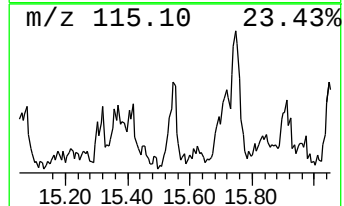
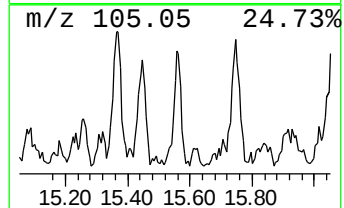
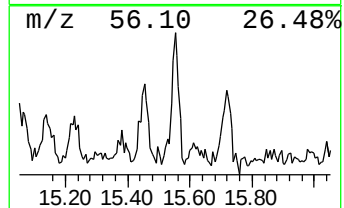
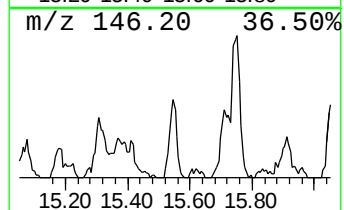
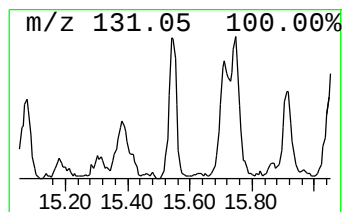
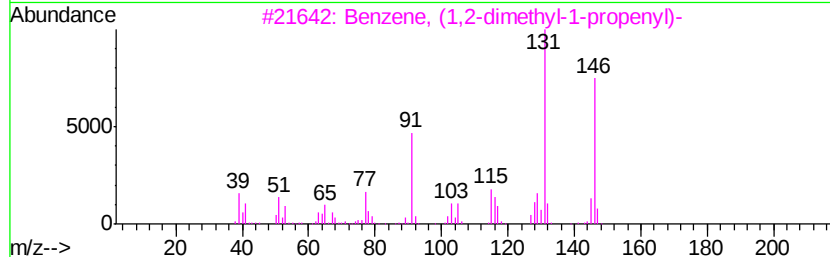
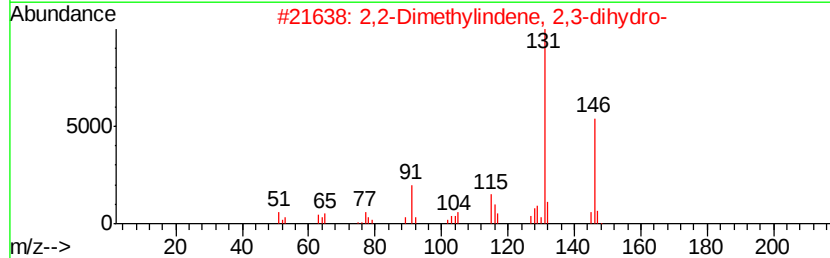
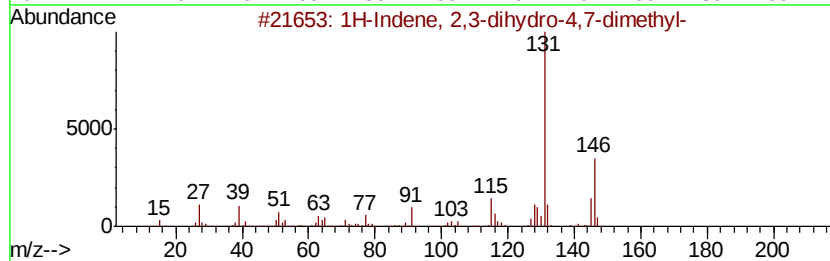
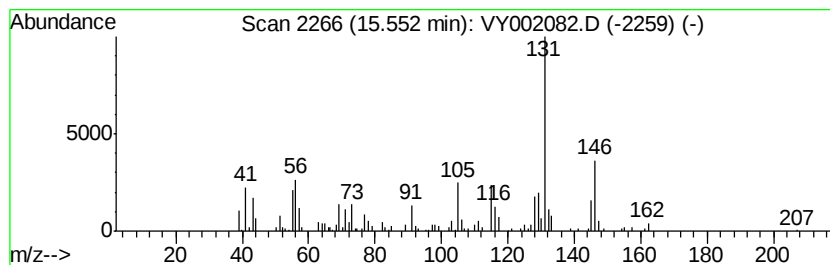
Instrument :
MSVOA_Y
ClientSampleId :
RO-06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.07 ug/l	65029	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	95
2	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

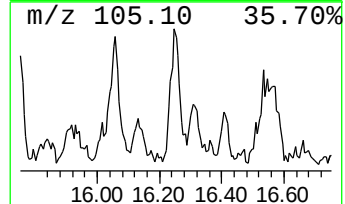
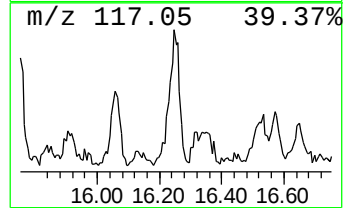
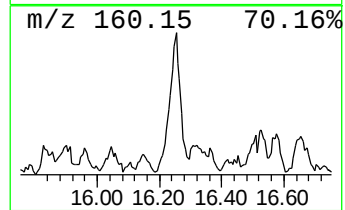
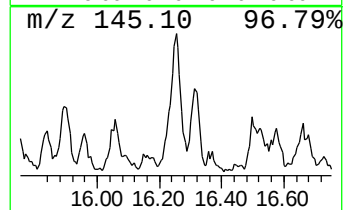
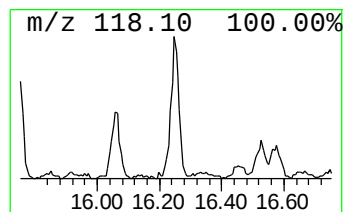
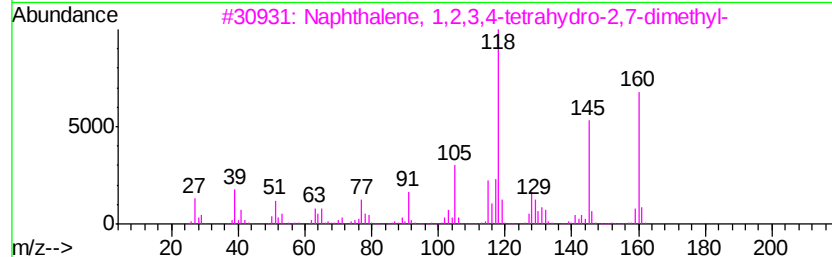
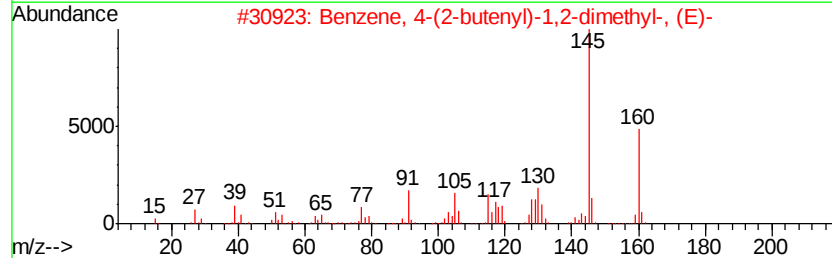
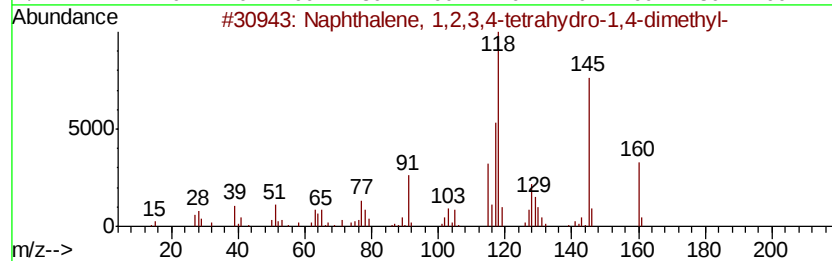
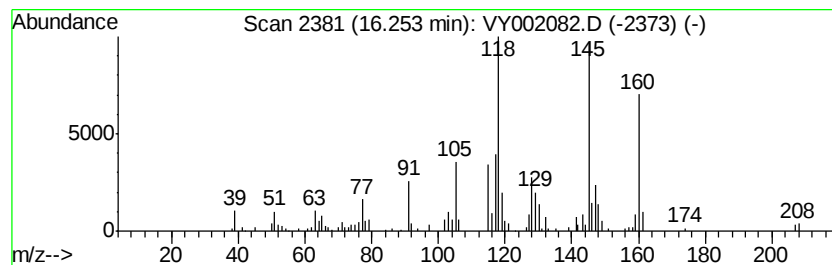
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	6.08 ug/l	77987	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

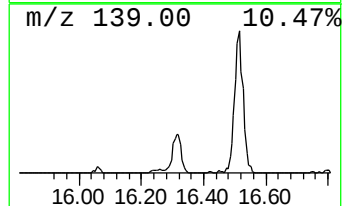
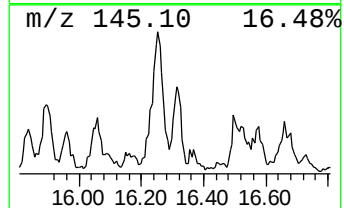
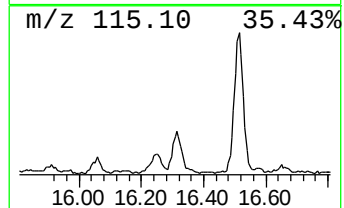
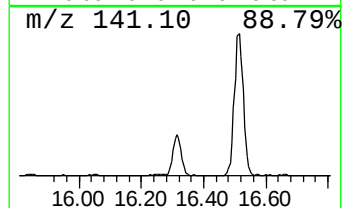
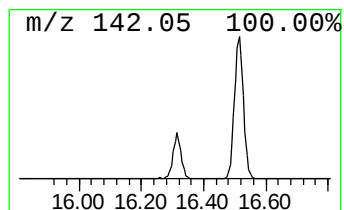
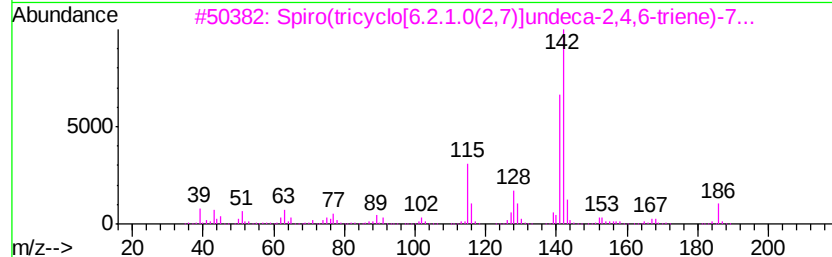
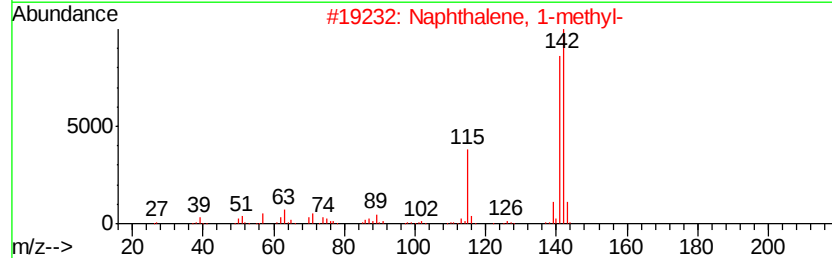
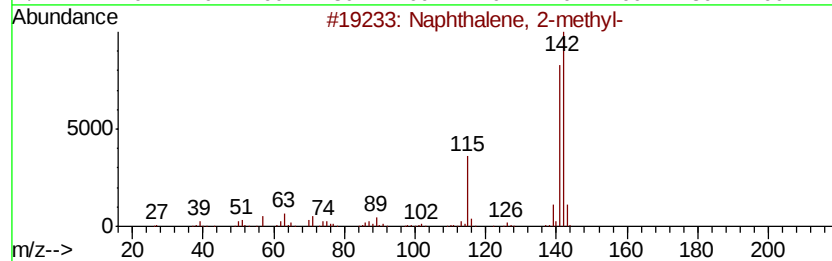
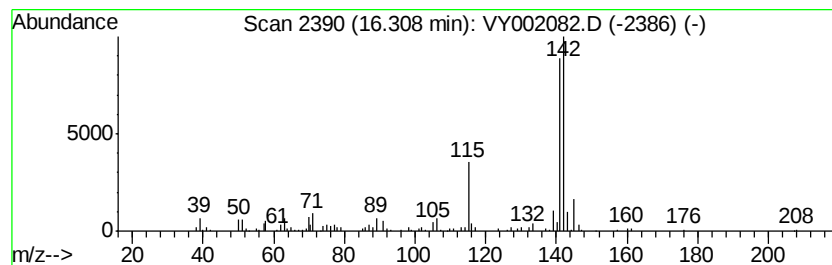
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	6.52 ug/l	83557	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Spiro(tricyclo[6.2.1.0(2,7)]undeca...	186	C13H14O	1000210-02-3	64
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53
5		Benzocycloheptatriene	142	C11H10	000264-09-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032520\
Data File : VY002082.D
Acq On : 25 Mar 2020 20:58
Operator : SY/MD
Sample : L2040-04
Misc : 6.24G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-etheny...	14.70	5.6	ug/l	72324	4	13.44	640850	50.0
Heptyl isobutyl k...	15.06	6.1	ug/l	78206	4	13.44	640850	50.0
unknown15.37	15.37	5.7	ug/l	73132	4	13.44	640850	50.0
1H-Indene, 2,3-di...	15.55	5.1	ug/l	65029	4	13.44	640850	50.0
Naphthalene, 1,2,...	16.25	6.1	ug/l	77987	4	13.44	640850	50.0
Naphthalene, 1-me...	16.31	6.5	ug/l	83557	4	13.44	640850	50.0