

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003146.D
 Acq On : 09 Jul 2020 16:09
 Operator : SY/MD
 Sample : L3255-05
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-58

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\82Y062920S.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	1.865	17	21	30	rVB3	16656	25408	1.89%	0.266%
2	3.962	355	365	376	rBV	19393	54669	4.06%	0.572%
3	4.725	480	490	504	rBV3	32411	100879	7.50%	1.056%
4	6.998	856	863	873	rBV2	7149	21531	1.60%	0.225%
5	7.724	971	982	988	rBV	216245	521065	38.72%	5.455%
6	7.797	988	994	1005	rVB	348802	784453	58.29%	8.212%
7	8.151	1042	1052	1062	rBV	198054	429964	31.95%	4.501%
8	8.693	1132	1141	1159	rBV	541301	1047278	77.83%	10.964%
9	10.181	1377	1385	1392	rBV	788464	1345674	100.00%	14.088%
10	10.577	1443	1450	1457	rBV2	13537	29433	2.19%	0.308%
11	11.492	1593	1600	1609	rBV	665292	1102982	81.97%	11.547%
12	11.705	1629	1635	1639	rBV4	7293	15658	1.16%	0.164%
13	12.333	1733	1738	1742	rBV3	15831	26479	1.97%	0.277%
14	12.479	1755	1762	1770	rBV	479259	768575	57.11%	8.046%
15	12.760	1803	1808	1811	rBV7	7831	14506	1.08%	0.152%
16	12.808	1811	1816	1820	rBV5	13870	26259	1.95%	0.275%
17	13.132	1864	1869	1880	rVB5	15258	41543	3.09%	0.435%
18	13.266	1885	1891	1892	rBV6	9195	16119	1.20%	0.169%
19	13.357	1903	1906	1911	rBV6	10155	17767	1.32%	0.186%
20	13.424	1911	1917	1925	rVB	443052	675621	50.21%	7.073%
21	13.747	1965	1970	1975	rBV6	42504	76358	5.67%	0.799%
22	13.967	2002	2006	2011	rVB5	38688	62574	4.65%	0.655%
23	14.076	2020	2024	2029	rBV2	36077	68308	5.08%	0.715%
24	14.253	2049	2053	2060	rBV4	76830	173449	12.89%	1.816%
25	14.418	2077	2080	2085	rVB3	69003	93468	6.95%	0.979%
26	14.479	2085	2090	2103	rVB3	43625	112406	8.35%	1.177%
27	14.619	2110	2113	2116	rBV4	30268	41021	3.05%	0.429%
28	14.680	2118	2123	2127	rVV6	75988	168467	12.52%	1.764%
29	14.735	2128	2132	2137	rVB3	107328	179990	13.38%	1.884%
30	14.851	2147	2151	2153	rBV3	87997	143133	10.64%	1.498%
31	14.942	2163	2166	2170	rVB4	97256	140079	10.41%	1.466%
32	15.442	2245	2248	2252	rBV5	105756	181168	13.46%	1.897%
33	16.479	2414	2418	2433	rVB6	370227	1045793	77.72%	10.948%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

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\82Y062920S.M
Title : SW846 8260

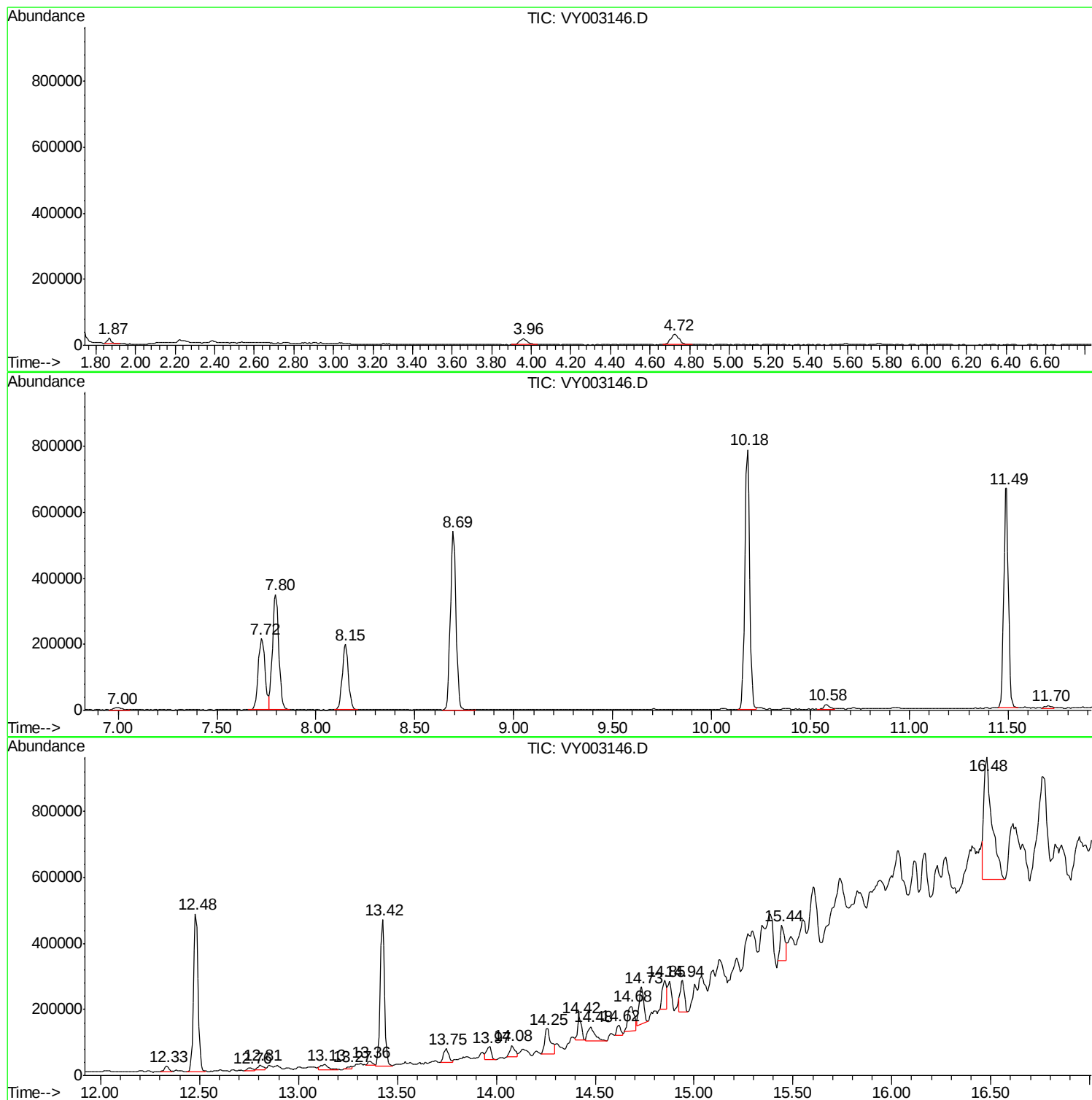
Sum of corrected areas: 9552077

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

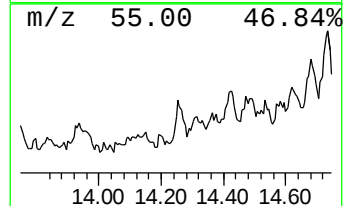
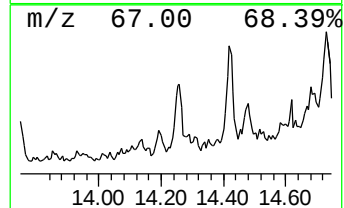
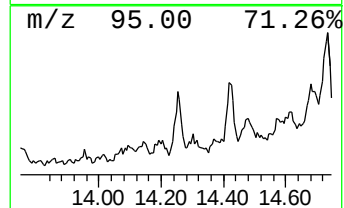
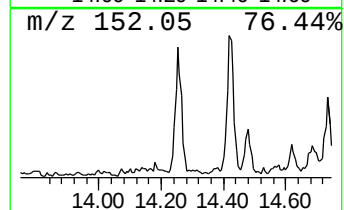
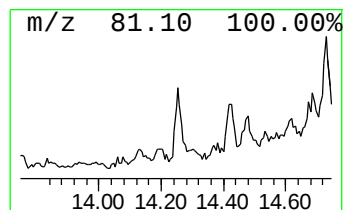
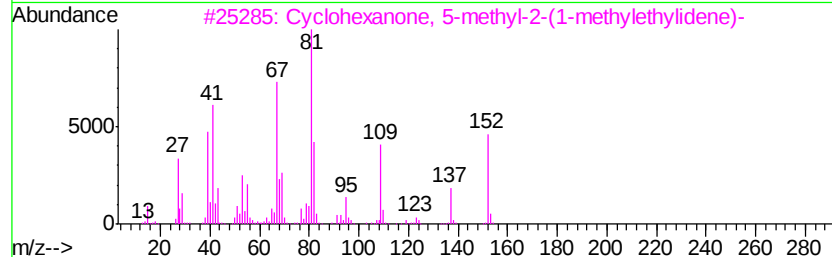
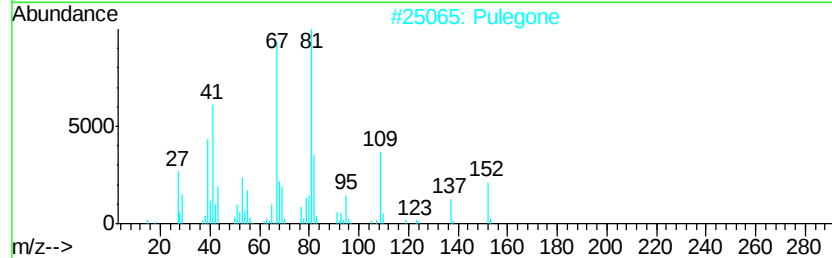
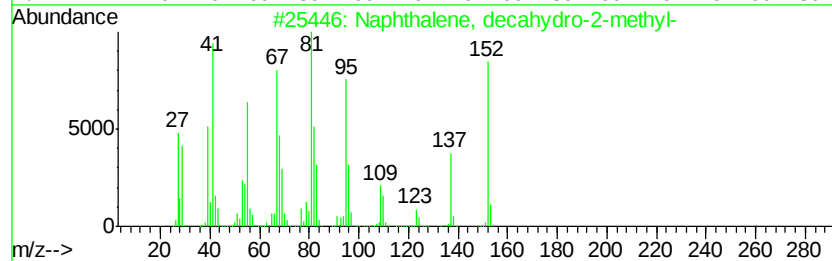
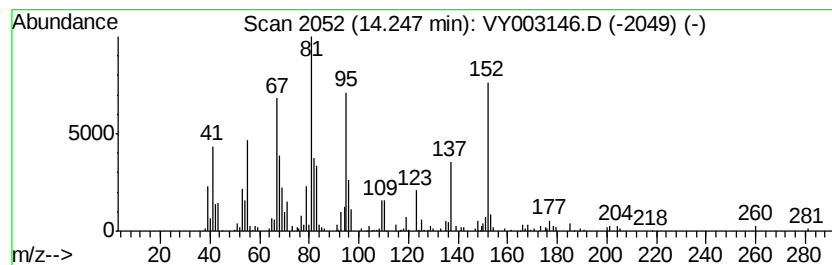
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	12.84 ug/l	173449	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 93
2		Pulegone	152 C10H16O	000089-82-7 70
3		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 62
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	000529-00-0 53
5		Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9 52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

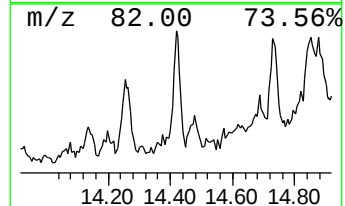
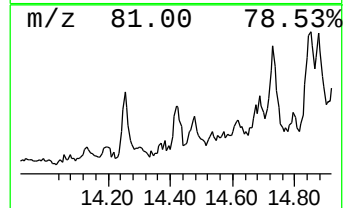
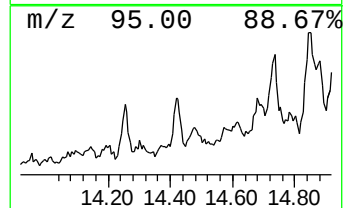
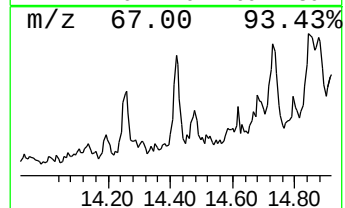
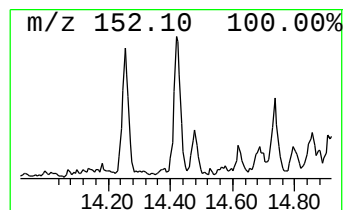
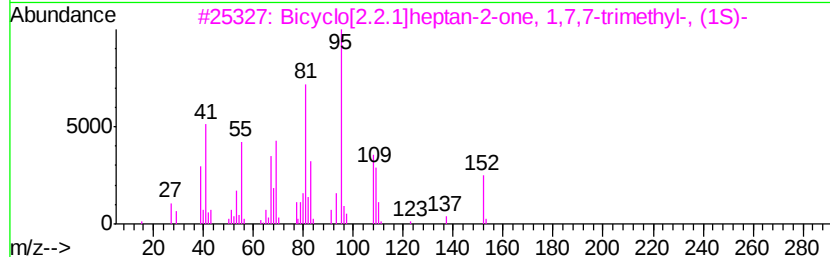
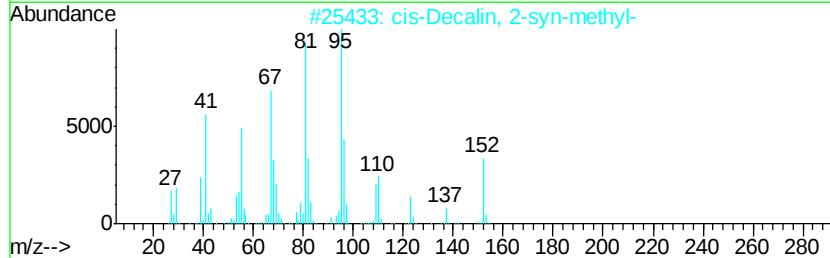
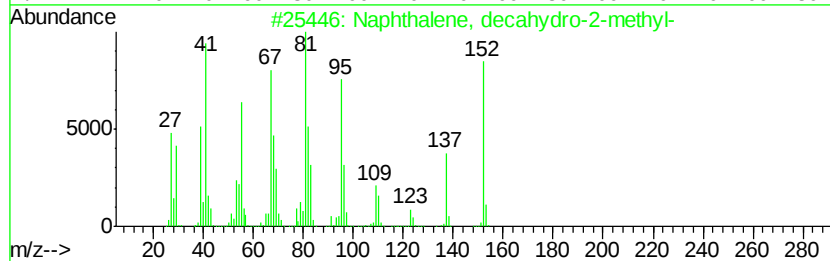
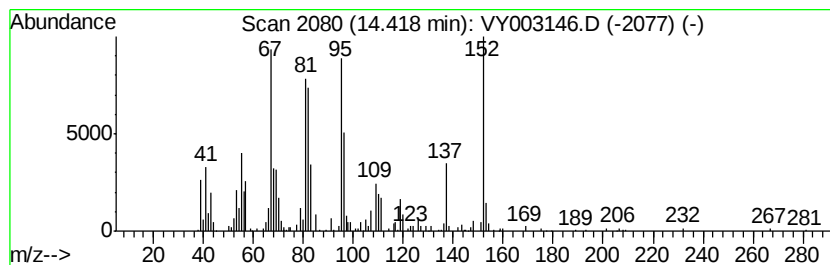
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 3 cis-Decalin, 2-syn-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.92 ug/l	93468	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	52
5		Spiro[5.5]undecane	152	C11H20	000180-43-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

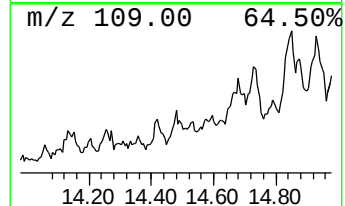
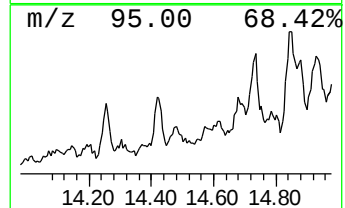
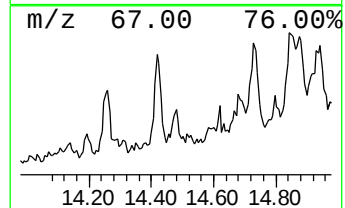
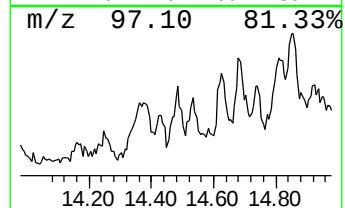
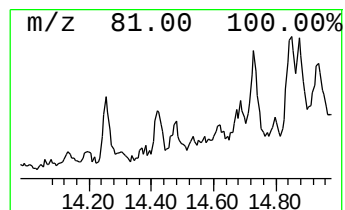
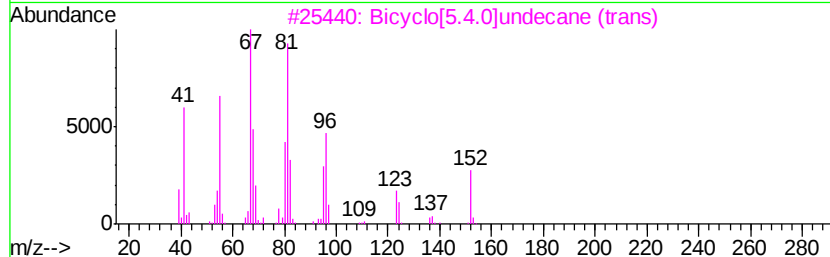
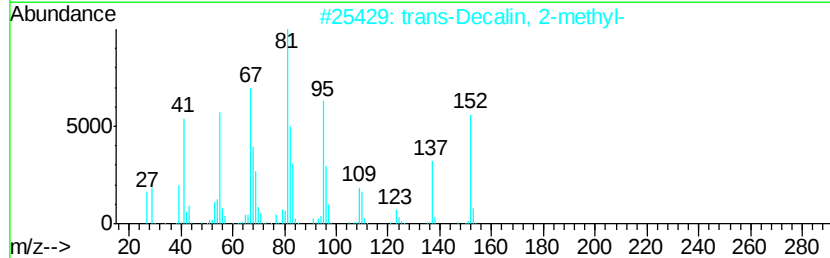
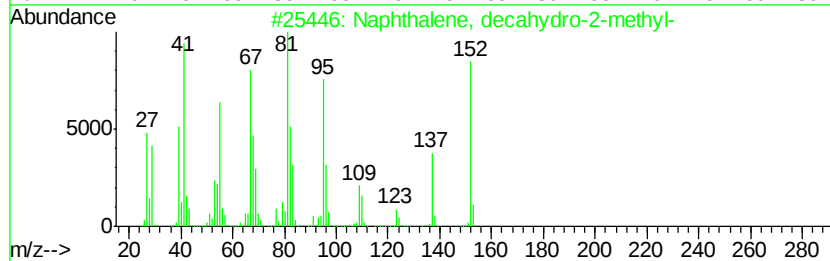
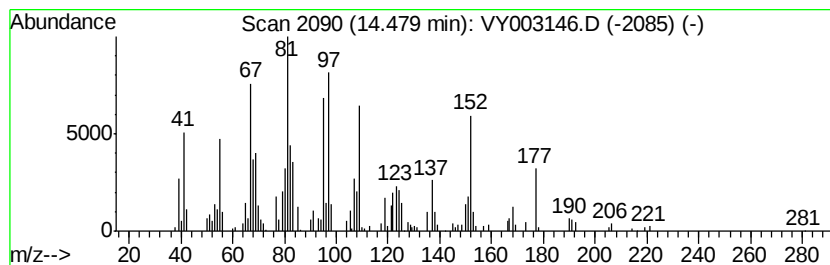
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	8.32 ug/l	112406	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	78
3		Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	60
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
5		Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

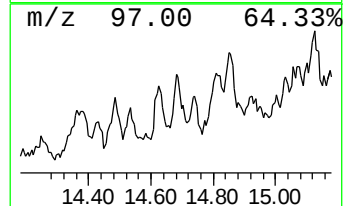
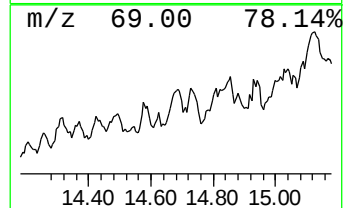
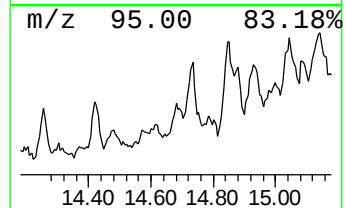
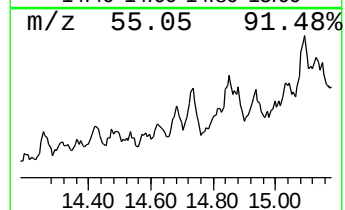
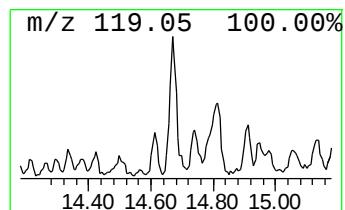
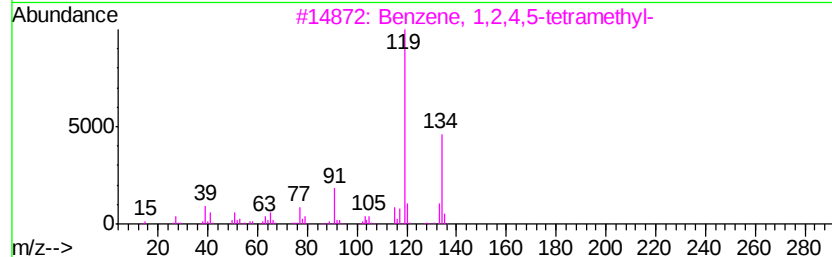
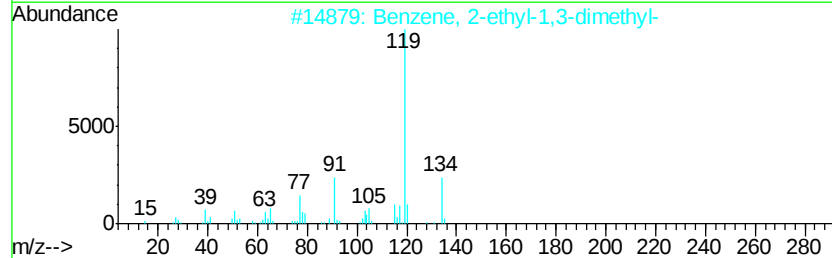
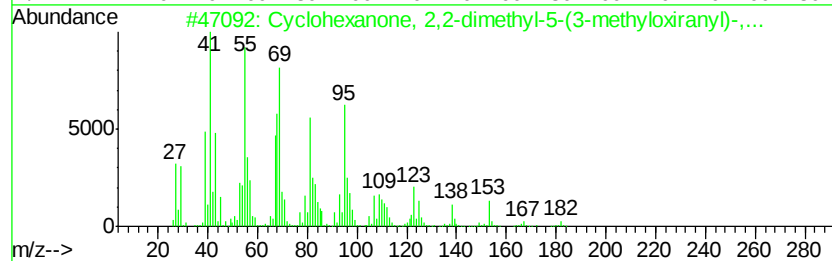
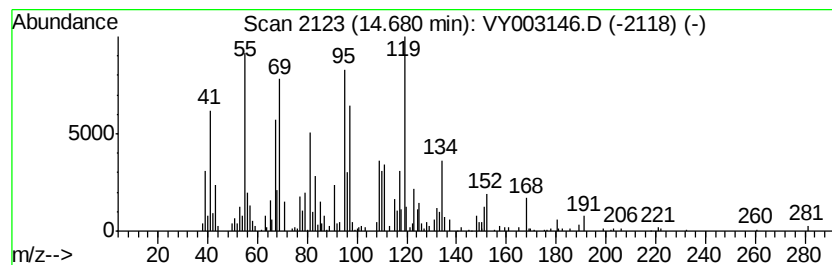
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.68	12.47 ug/l	168467	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	43
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	15
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	15
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	11
5	o-Cymene	134	C10H14	000527-84-4	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

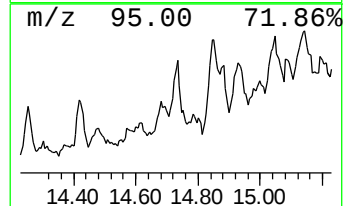
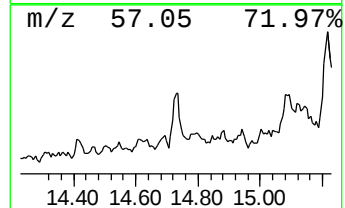
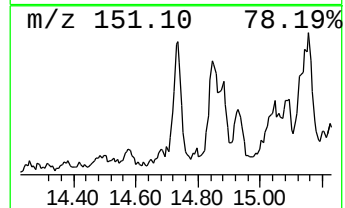
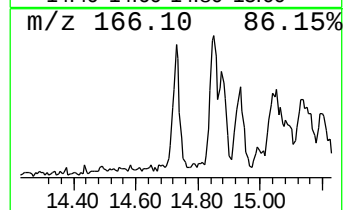
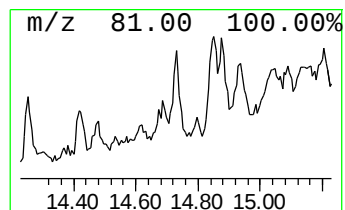
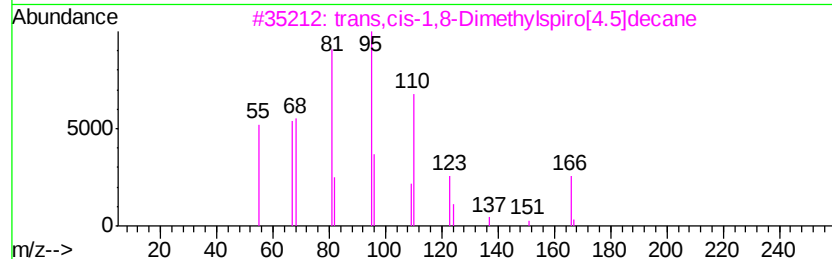
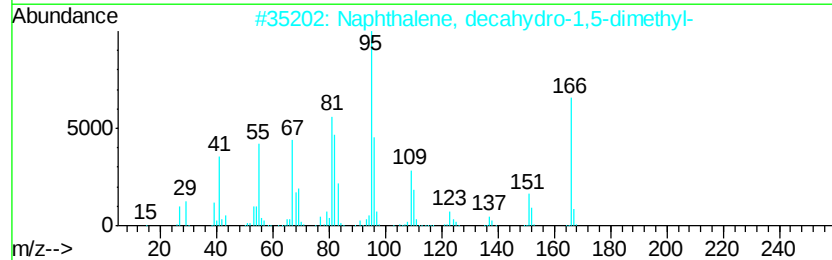
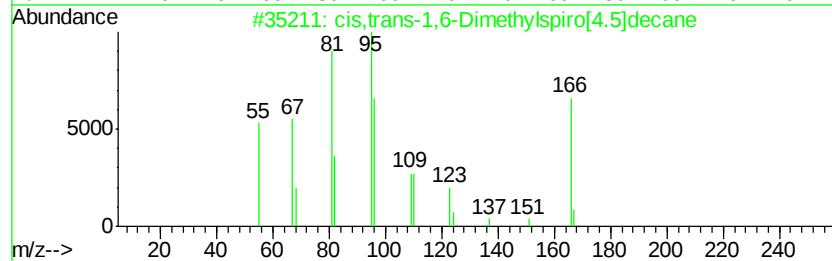
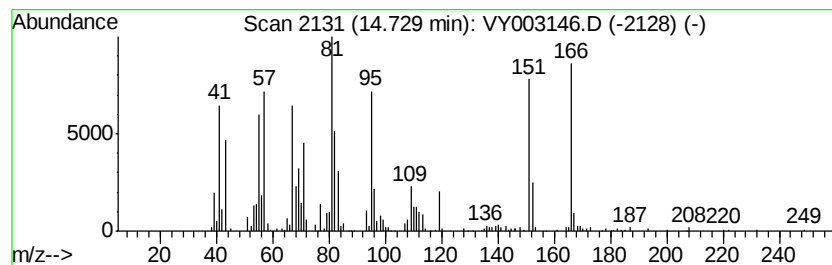
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 6 cis,trans-1,6-Dimethylspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.32 ug/l	179990	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	53
2		Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	53
3		trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	53
4		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	50
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

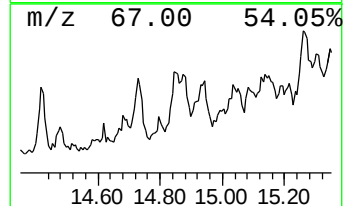
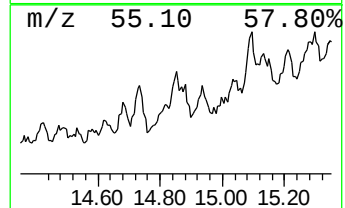
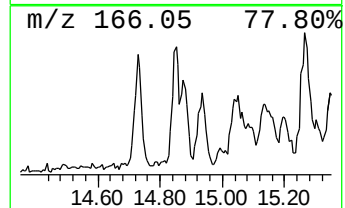
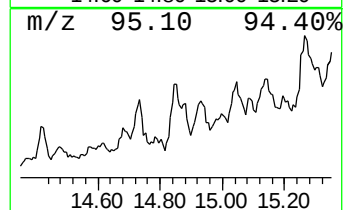
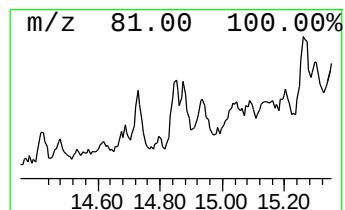
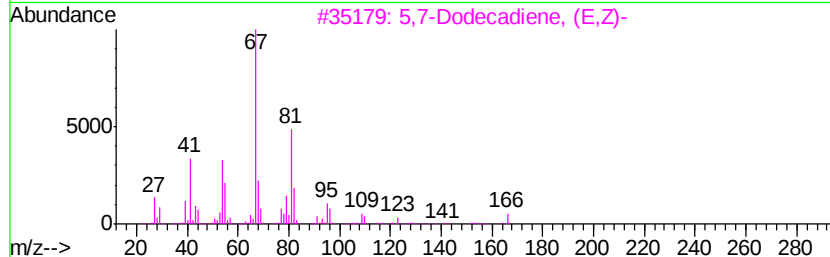
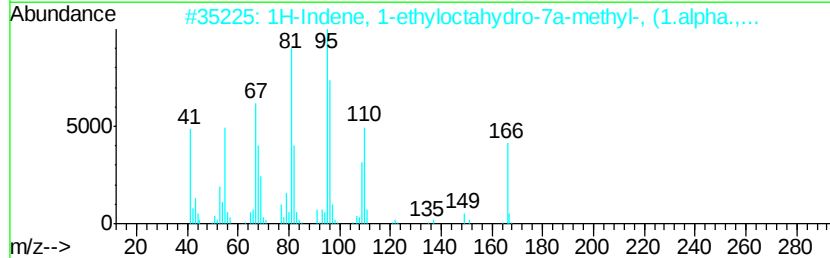
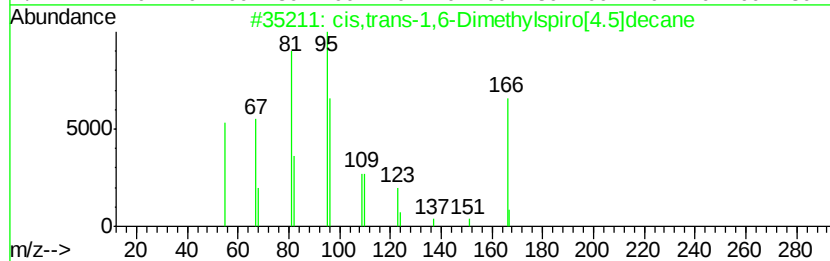
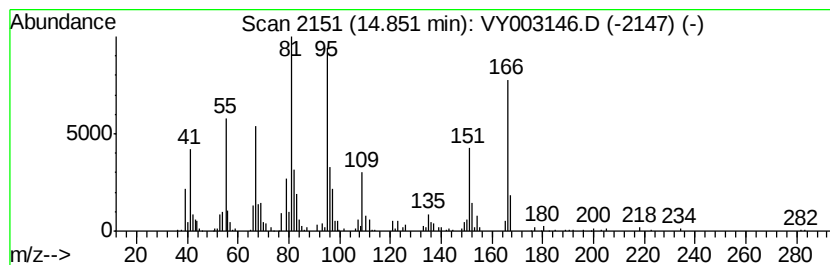
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-ethyloctahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	10.59 ug/l	143133	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis,trans-1,6-Dimethylspiro[4.5]...	166 C12H22	1000111-72-3 64
2		1H-Indene, 1-ethyloctahydro-7a-m...	166 C12H22	056324-71-1 59
3		5,7-Dodecadiene, (E,Z)-	166 C12H22	021293-04-9 58
4		Cyclohexene,1-hexyl-	166 C12H22	003964-66-7 53
5		Naphthalene, decahydro-2,3-dimet...	166 C12H22	001008-80-6 41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

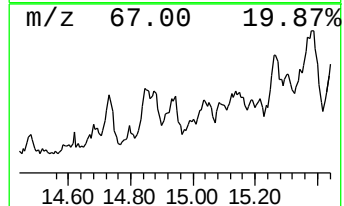
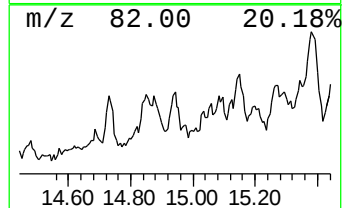
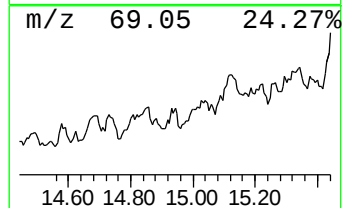
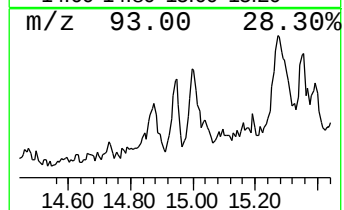
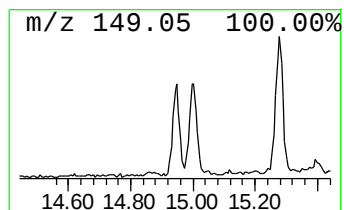
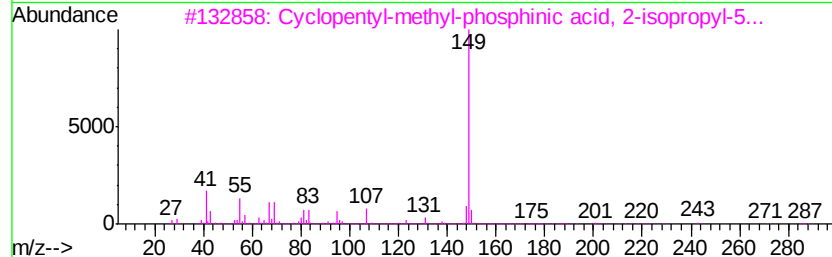
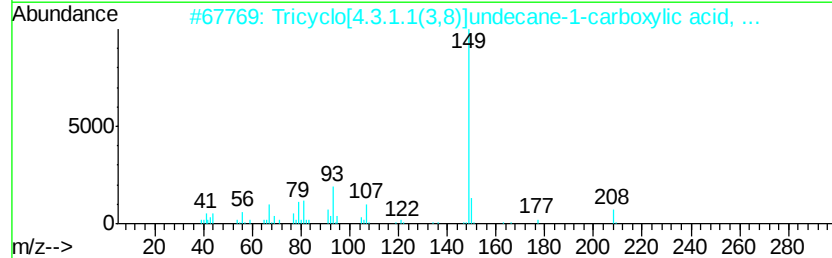
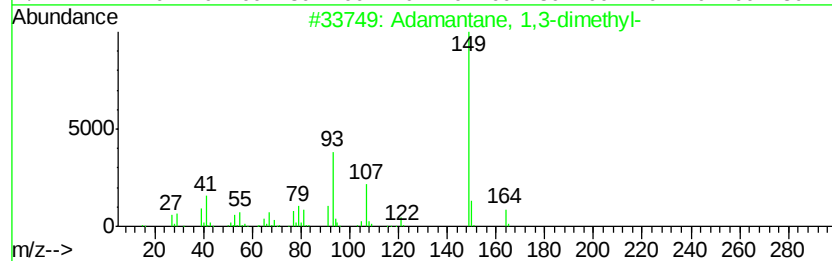
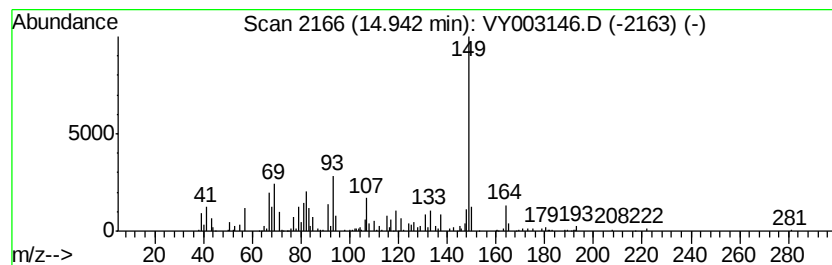
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 8 Adamantane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	10.37 ug/l	140079	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	64
2	Tricyclo[4.3.1.1(3,8)]undecane-1...	208 C13H20O2	031083-60-0	58
3	Cyclopentyl-methyl-phosphinic ac...	286 C16H31O2P	1000194-56-2	50
4	3-Methyl-1-adamantaneacetic acid	208 C13H20O2	014202-13-2	50
5	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164 C12H20	1000150-39-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

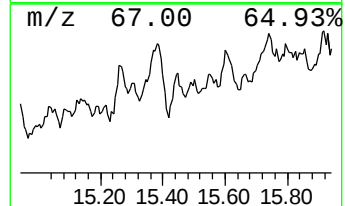
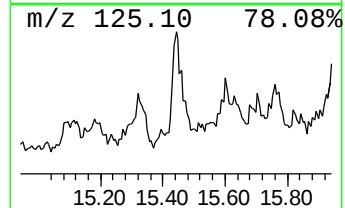
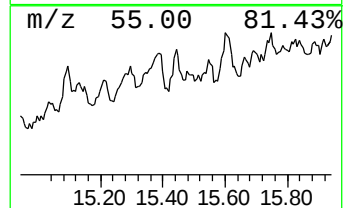
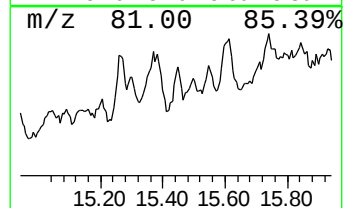
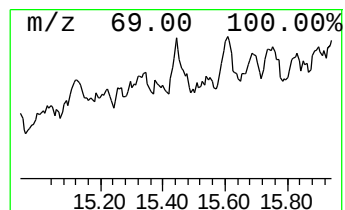
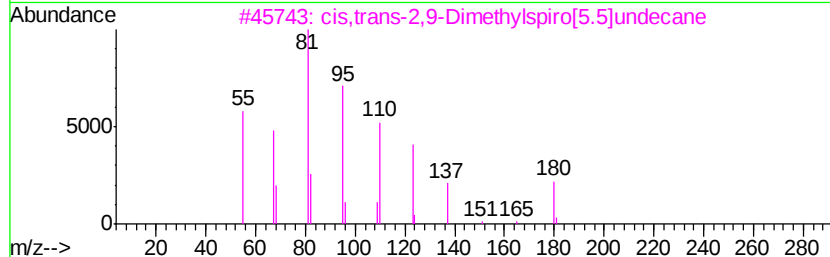
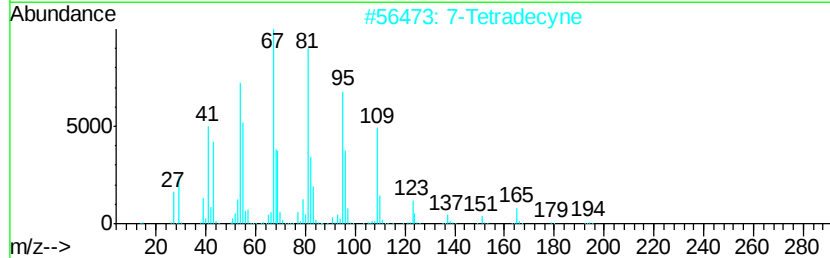
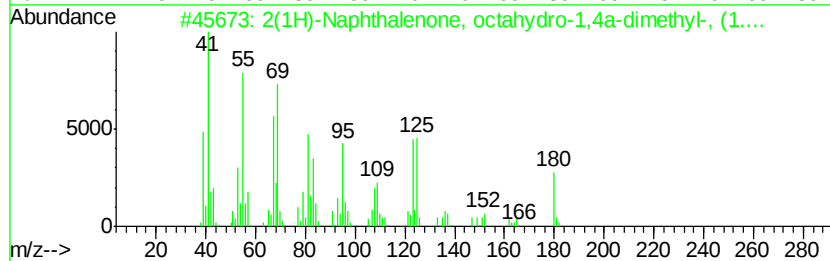
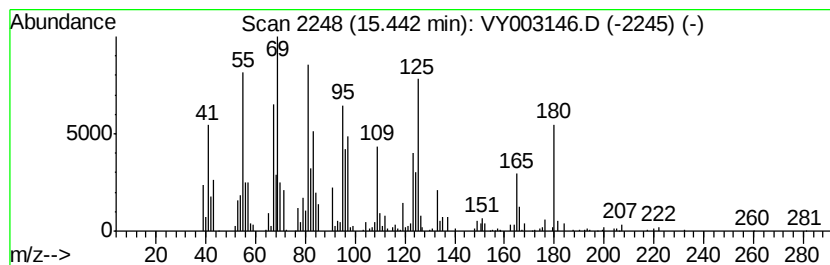
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 9 2(1H)-Naphthalenone, octahydro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	13.41 ug/l	181168	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2(1H)-Naphthalenone, octahydro-1...	180 C12H20O	022738-31-4	60
2	7-Tetradecyne	194 C14H26	035216-11-6	38
3	cis,trans-2,9-Dimethylspiro[5.5]...	180 C13H24	095530-74-8	38
4	trans,trans- and trans,cis-1,8-D...	180 C13H24	1000111-73-2	30
5	cis,trans-1,6-Dimethylspiro[4.5]...	166 C12H22	1000111-72-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

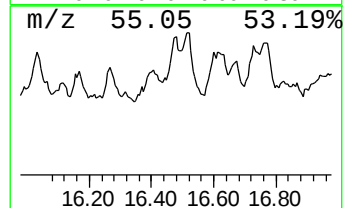
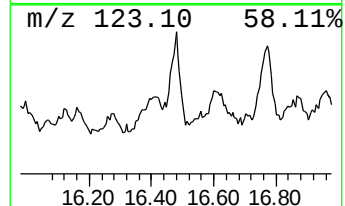
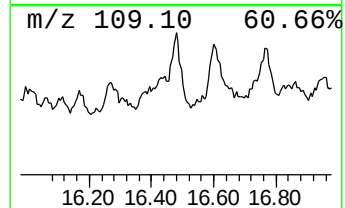
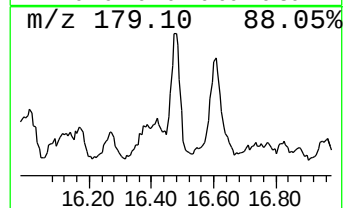
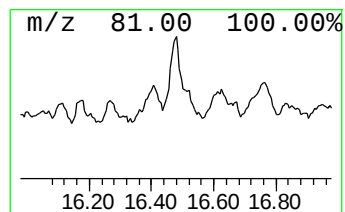
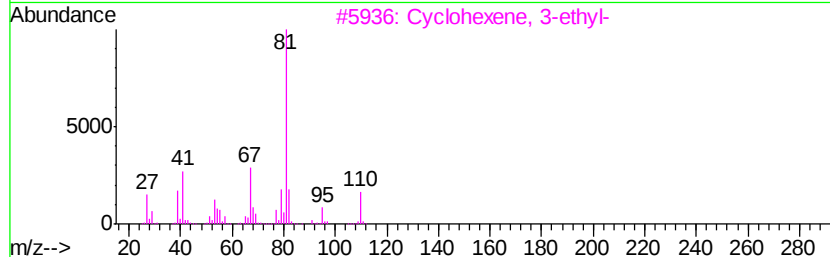
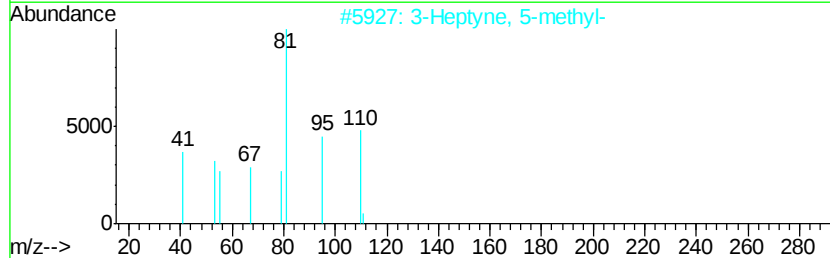
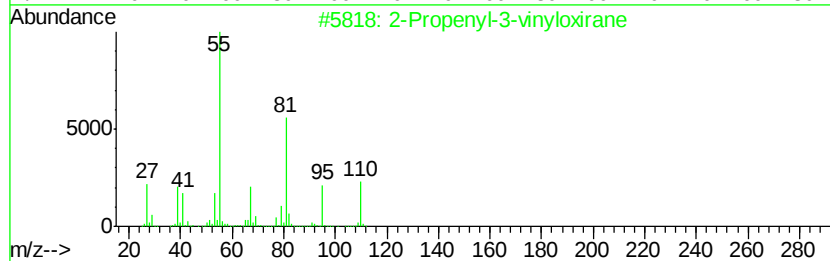
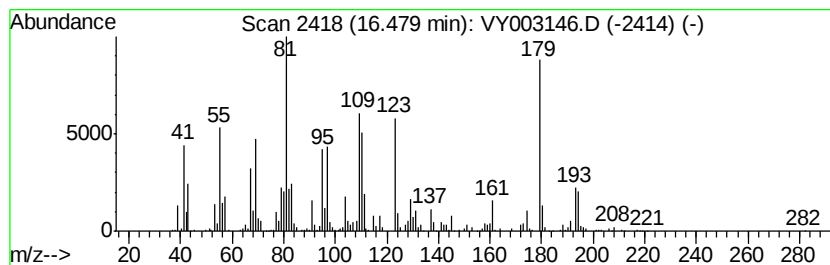
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	77.39 ug/l	1045790	1,4-Dichlorobenzene-d4	13.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenyl-3-vinylloxirane			110	C7H10O	070597-49-8	27
2	3-Heptyne, 5-methyl-			110	C8H14	061228-09-9	25
3	Cyclohexene, 3-ethyl-			110	C8H14	002808-71-1	18
4	trans-2-Methylcyclohexanol, trif...			210	C9H13F3O2	1000364-13-3	14
5	Cyclohexene, 1-ethyl-			110	C8H14	001453-24-3	14



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070920\
Data File : VY003146.D
Acq On : 09 Jul 2020 16:09
Operator : SY/MD
Sample : L3255-05
Misc : 6.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.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
Naphthalene, deca...	14.25	12.8	ug/l	173449	4	13.42	675621	50.0
cis-Decalin, 2-sy...	14.42	6.9	ug/l	93468	4	13.42	675621	50.0
trans-Decalin, 2-...	14.48	8.3	ug/l	112406	4	13.42	675621	50.0
unknown14.68	14.68	12.5	ug/l	168467	4	13.42	675621	50.0
cis,trans-1,6-Dim...	14.73	13.3	ug/l	179990	4	13.42	675621	50.0
1H-Indene, 1-ethy...	14.85	10.6	ug/l	143133	4	13.42	675621	50.0
Adamantane, 1,3-d...	14.94	10.4	ug/l	140079	4	13.42	675621	50.0
2(1H)-Naphthaleno...	15.44	13.4	ug/l	181168	4	13.42	675621	50.0
unknown16.48	16.48	77.4	ug/l	1045790	4	13.42	675621	50.0