

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003019.D
 Acq On : 29 Jun 2020 20:18
 Operator : SY/MD
 Sample : L3153-01
 Misc : 6.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP1-A

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	4.725	480	490	506	rBV2	78587	248247	1.48%	0.468%
2	7.724	970	982	988	rBV2	310484	746208	4.43%	1.407%
3	7.797	988	994	1006	rVB	508405	1136703	6.76%	2.144%
4	8.151	1042	1052	1064	rBV	290632	654343	3.89%	1.234%
5	8.693	1133	1141	1155	rVB	788195	1510092	8.97%	2.848%
6	10.181	1378	1385	1391	rBV	1221970	2067048	12.28%	3.898%
7	10.242	1391	1395	1403	rVB	159350	283051	1.68%	0.534%
8	11.492	1590	1600	1611	rBV	1116524	1894916	11.26%	3.574%
9	11.699	1624	1634	1643	rBV	81249	169977	1.01%	0.321%
10	12.040	1681	1690	1698	rVB2	263498	530984	3.16%	1.001%
11	12.333	1731	1738	1745	rBV	104756	201017	1.19%	0.379%
12	12.479	1755	1762	1770	rVB	944293	1447145	8.60%	2.729%
13	12.583	1772	1779	1785	rVB	121214	200413	1.19%	0.378%
14	12.754	1800	1807	1813	rBV	6377342	9677874	57.52%	18.252%
15	12.802	1813	1815	1818	rVV	191020	269416	1.60%	0.508%
16	12.851	1818	1823	1836	rVB	5187250	7659810	45.52%	14.446%
17	13.424	1911	1917	1923	rBV	1081250	1686141	10.02%	3.180%
18	14.461	2072	2087	2096	rBV	9424966	16826216	100.00%	31.733%
19	14.796	2127	2142	2147	rBV	1691868	2891332	17.18%	5.453%
20	14.863	2147	2153	2160	rVV	242843	670274	3.98%	1.264%
21	14.961	2161	2169	2178	rVB5	181645	484960	2.88%	0.915%
22	16.125	2352	2360	2368	rVB2	310730	616479	3.66%	1.163%
23	16.241	2368	2379	2394	rBV	408620	846380	5.03%	1.596%
24	16.686	2443	2452	2458	rBV	120300	305027	1.81%	0.575%

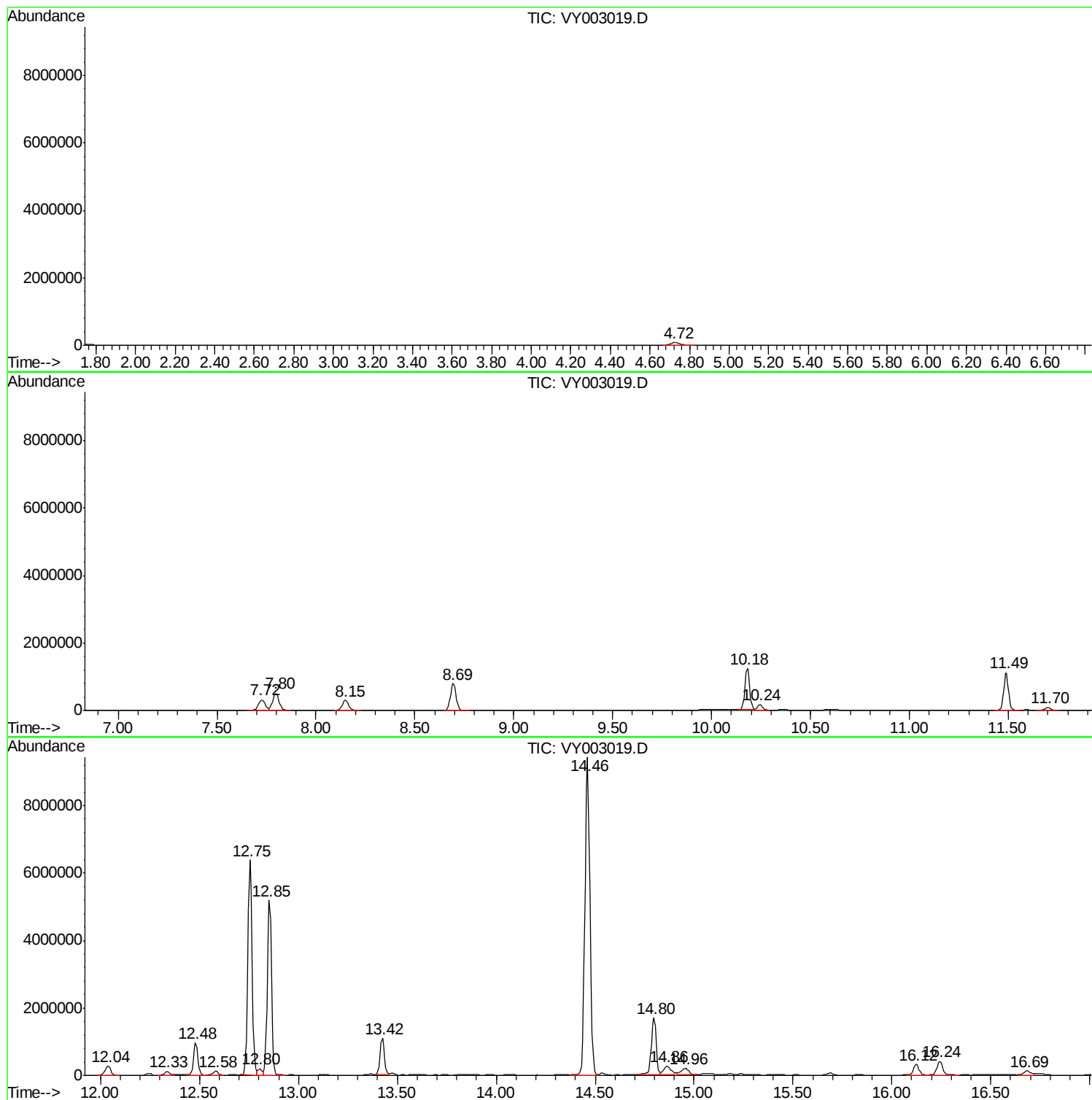
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
SP1-A

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



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Misc : 6.50G/5ML/MSVOA Y/SOIL
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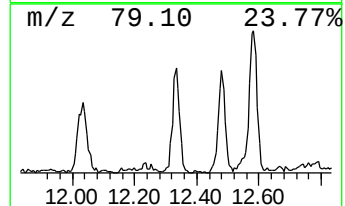
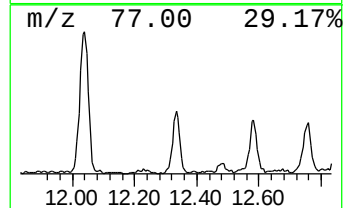
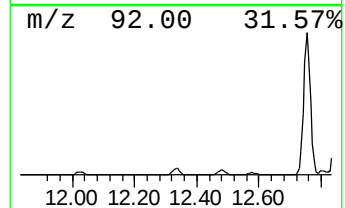
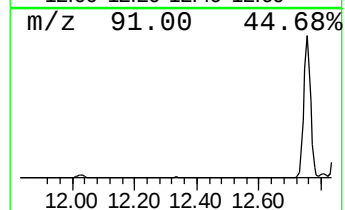
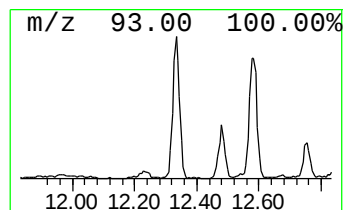
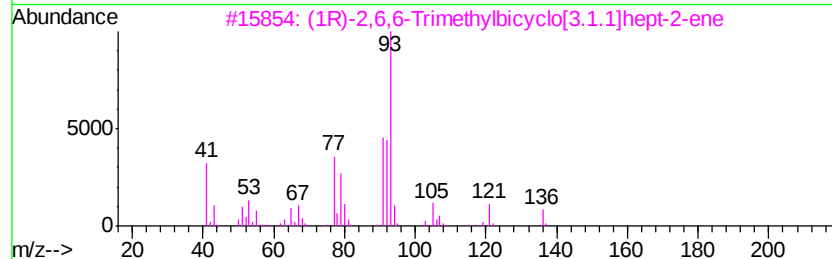
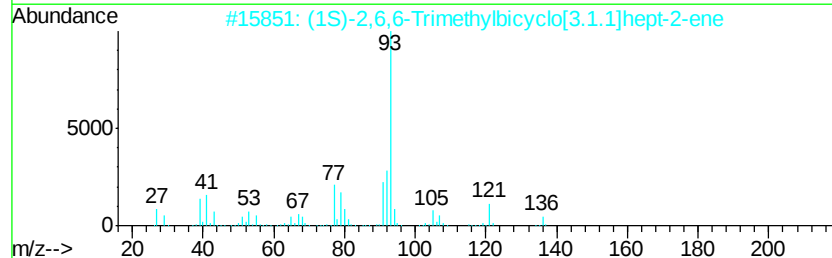
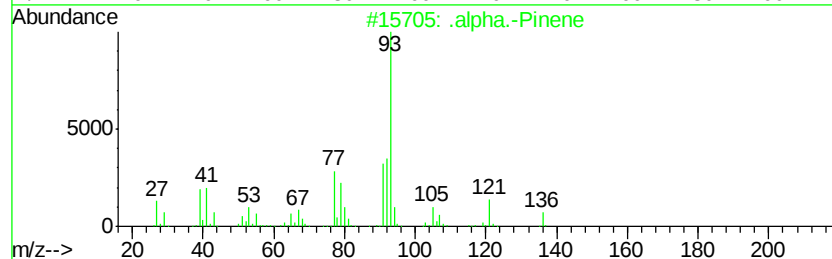
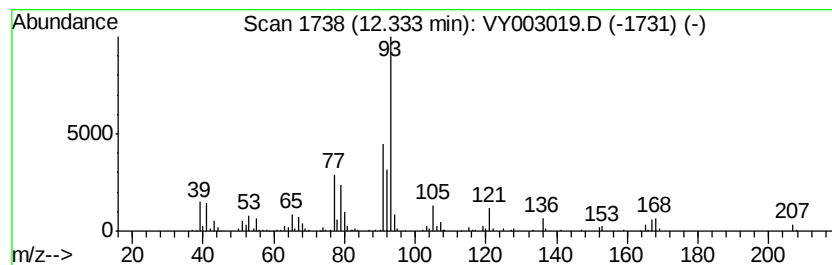
Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

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 1 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	5.30 ug/l	201017	Chlorobenzene-d5	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	96
2	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	007785-70-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	93
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,4,4-trimethyl-	136	C10H16	000488-97-1	90



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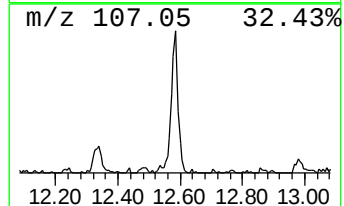
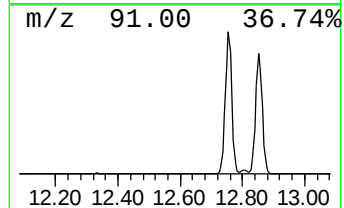
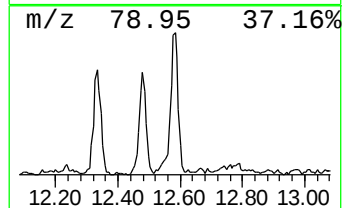
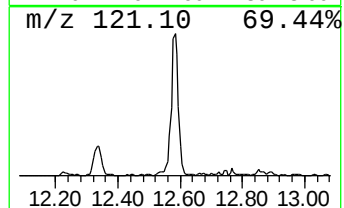
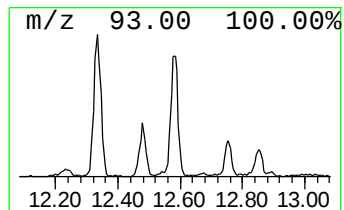
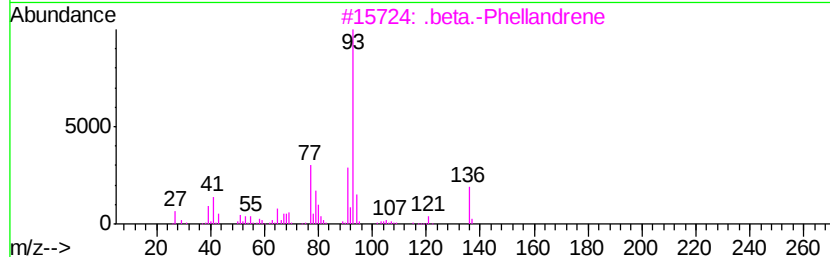
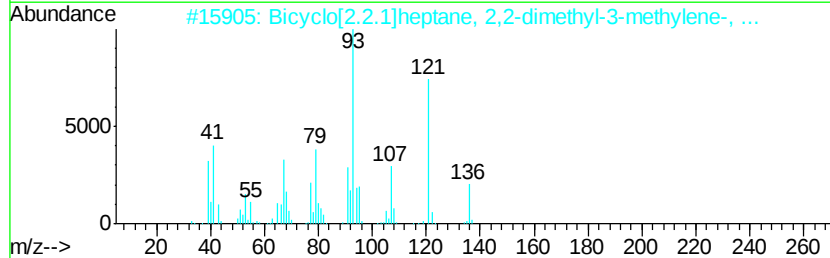
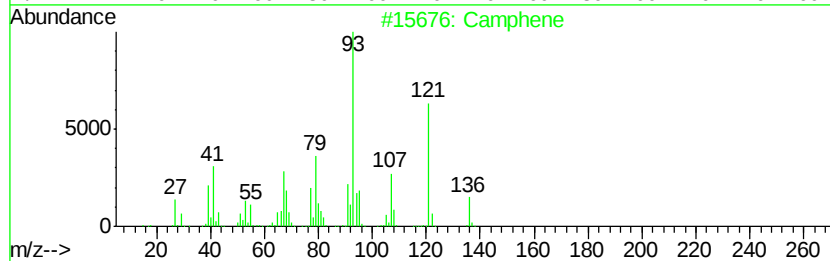
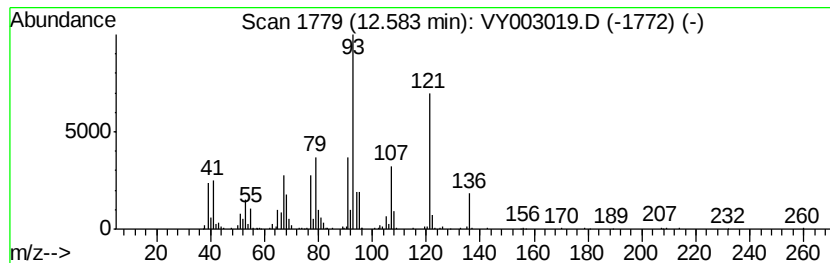
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 2 Camphene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	5.94 ug/l	200413	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	97
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
3		.beta.-Phellandrene	136	C10H16	000555-10-2	70
4		Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	70
5		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	64



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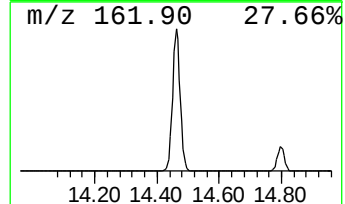
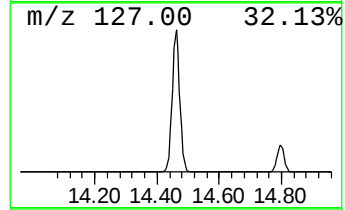
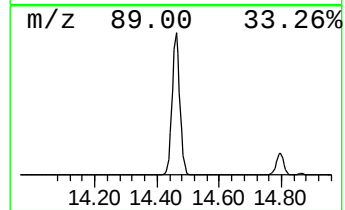
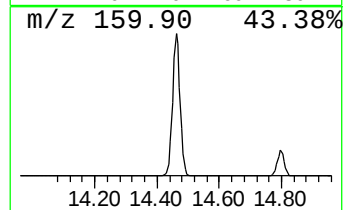
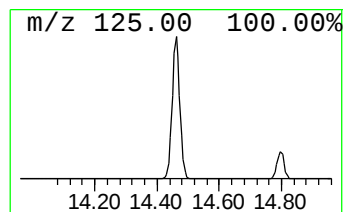
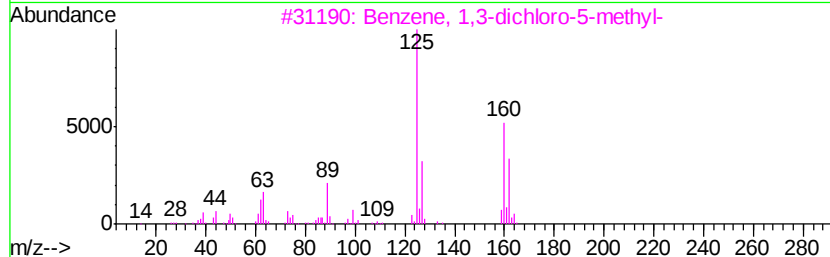
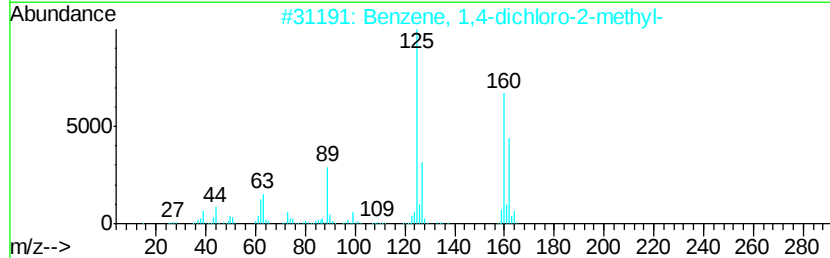
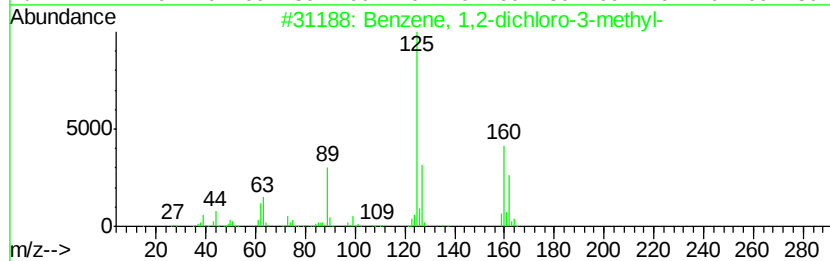
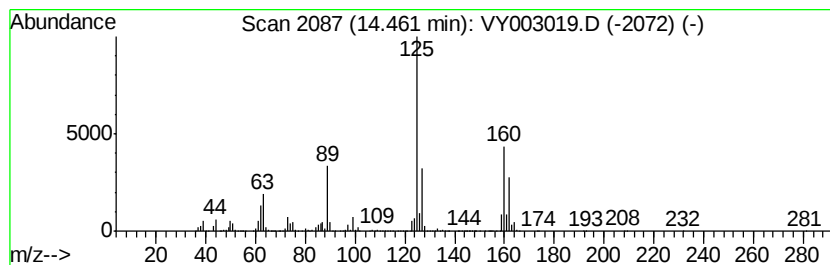
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2-dichloro-3-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	498.96 ug/l	16826200	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	97
3		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4		Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96
5		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96



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Misc : 6.50G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

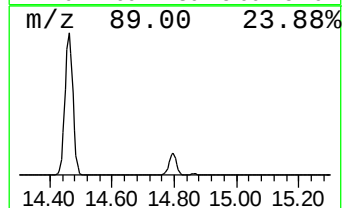
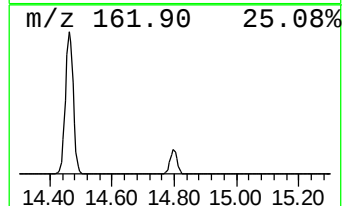
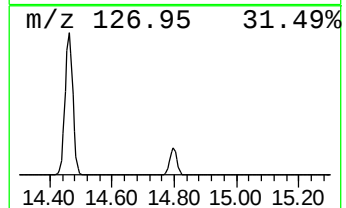
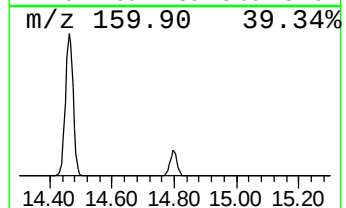
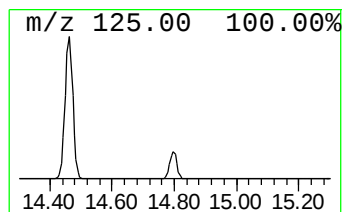
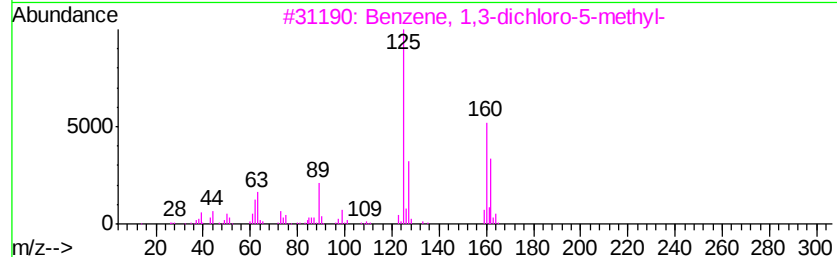
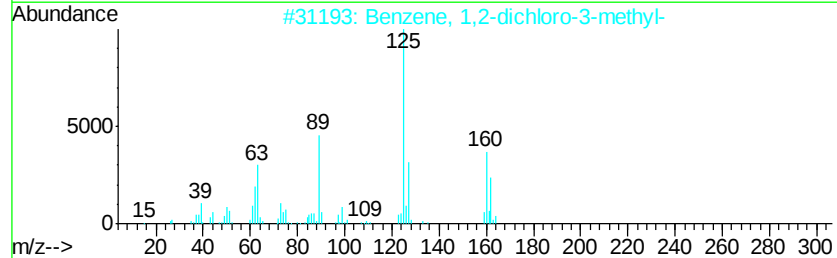
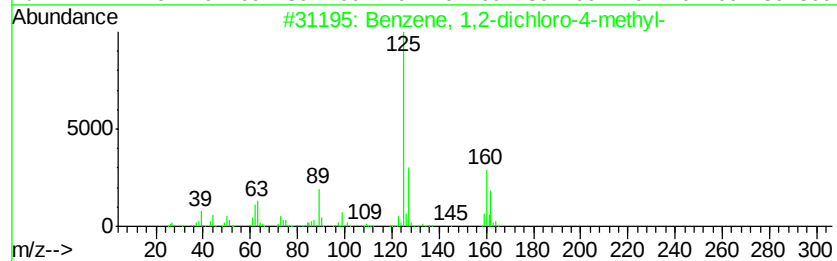
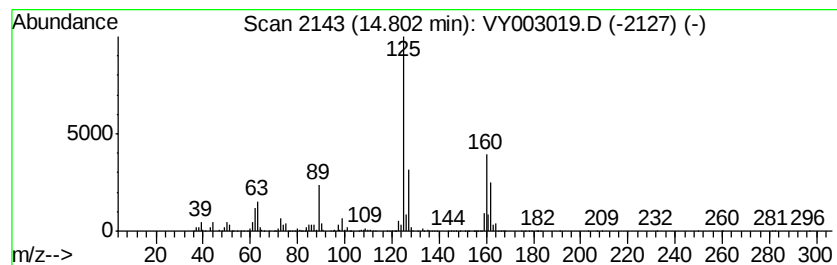
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Peak Number 4 Benzene, 1,2-dichloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	85.74 ug/l	2891330	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	98
2		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5		Benzene, 1-chloro-3-(chloromethyl)-	160	C7H6Cl2	000620-20-2	95



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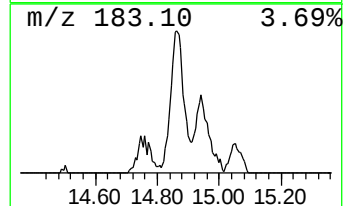
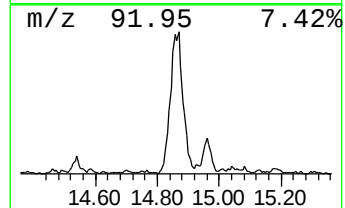
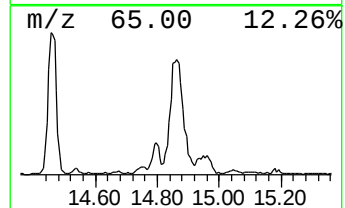
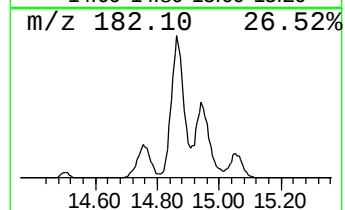
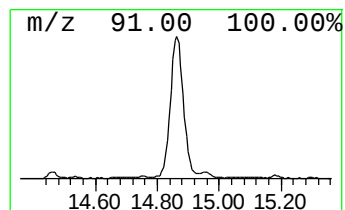
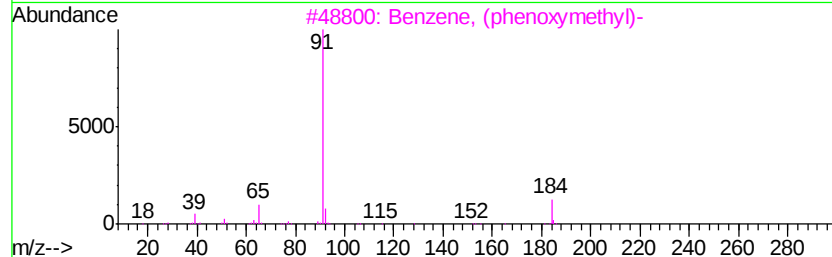
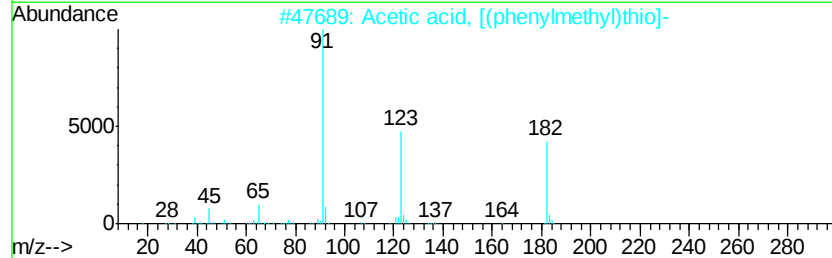
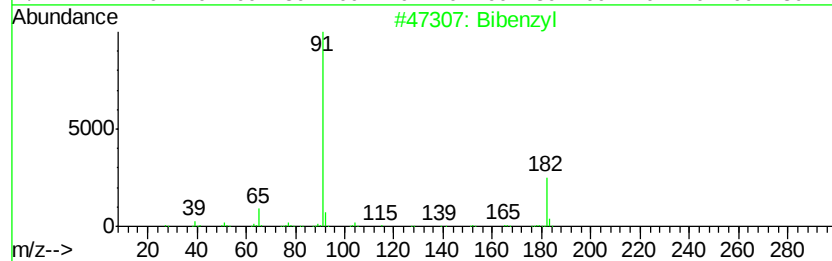
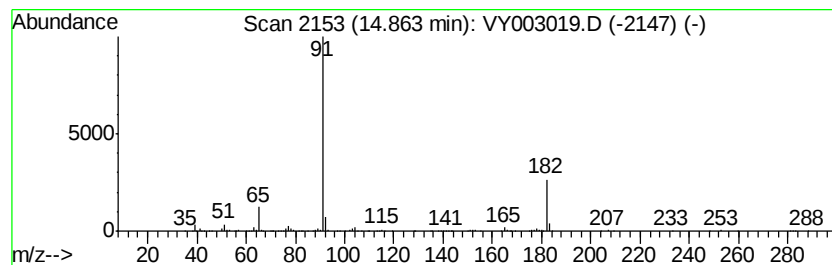
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bibenzyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	19.88 ug/l	670274	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bibenzyl	182	C14H14	000103-29-7	91
2		Acetic acid, [(phenylmethyl)thio]-	182	C9H10O2S	000103-46-8	50
3		Benzene, (phenoxyethyl)-	184	C13H12O	000946-80-5	38
4		Benzyl phenyl sulfone	232	C13H12O2S	003112-88-7	38
5		4-Benzyloxy.beta.-methyl-.beta.-...	269	C16H15NO3	007176-38-7	38



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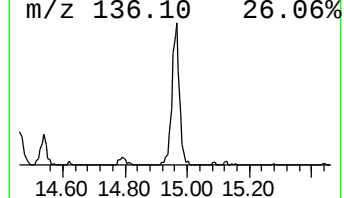
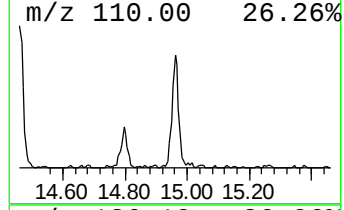
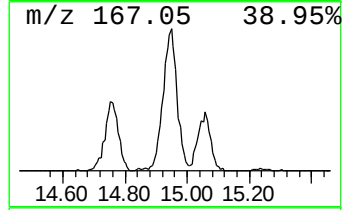
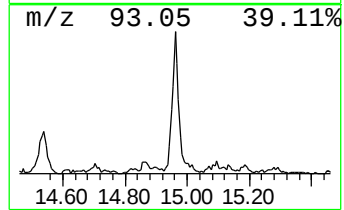
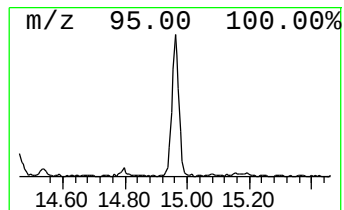
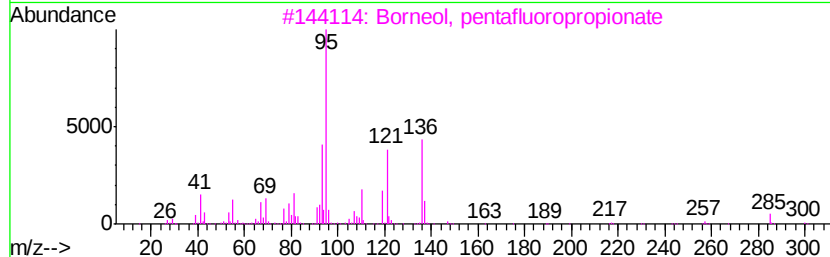
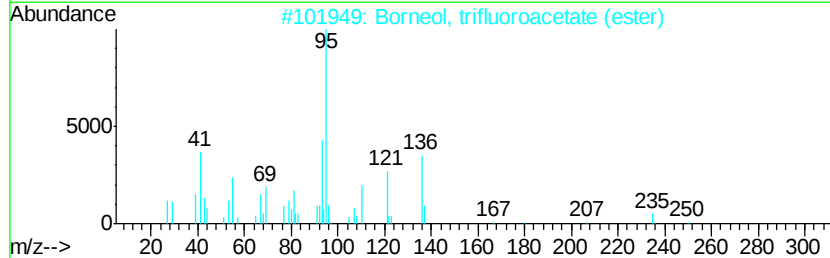
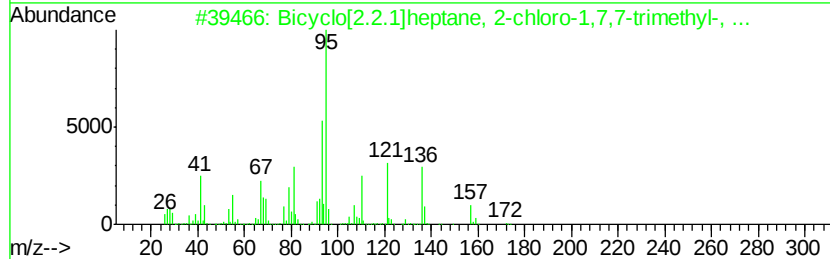
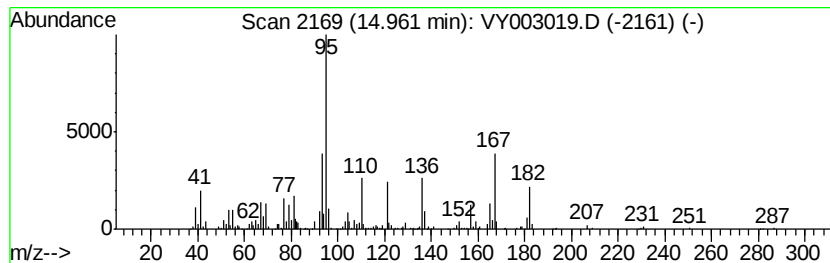
Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

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 Bicyclo[2.2.1]heptane, 2-ch... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	14.38 ug/l	484960	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptane, 2-chloro-...	172 C10H17Cl	030462-53-4 60
2		Borneol, trifluoroacetate (ester)	250 C12H17F3O2	028587-55-5 58
3		Borneol, pentafluoropropionate	300 C13H17F5O2	1000375-53-6 52
4		5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3 46
5		1,3-Hexadiene, 2,5-dimethyl-	110 C8H14	029253-64-3 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003019.D
Acq On : 29 Jun 2020 20:18
Operator : SY/MD
Sample : L3153-01
Misc : 6.50G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

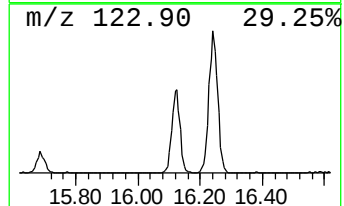
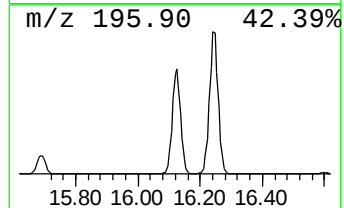
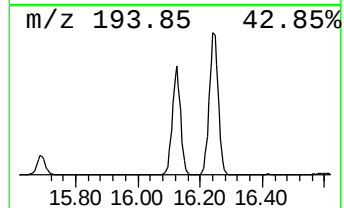
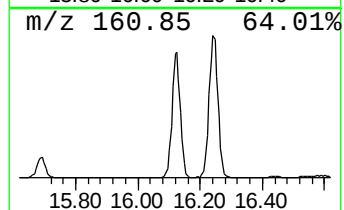
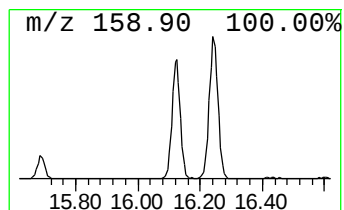
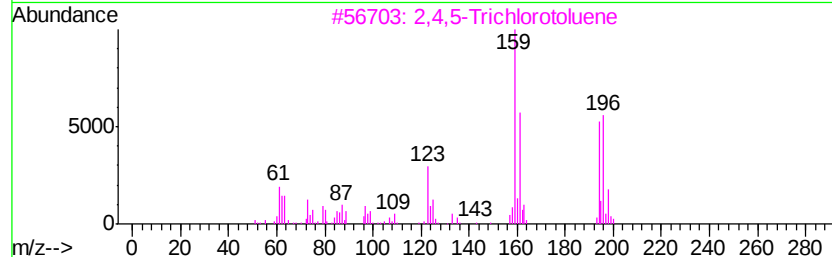
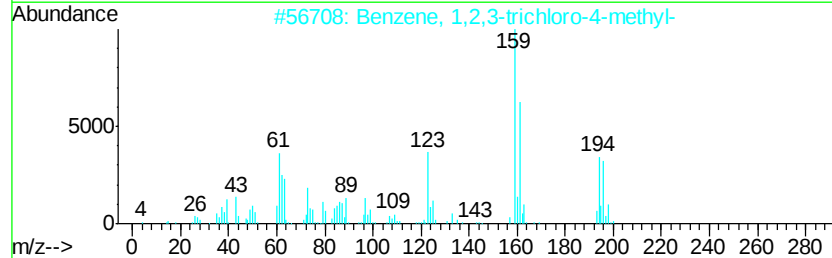
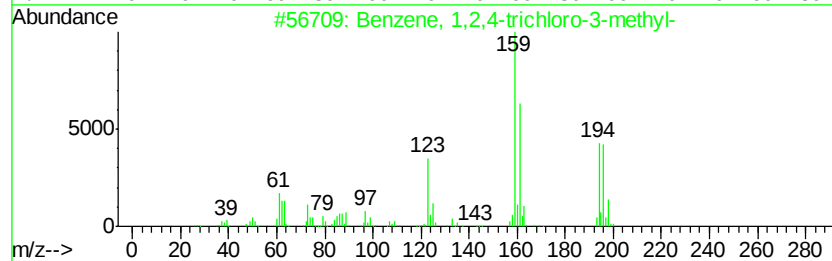
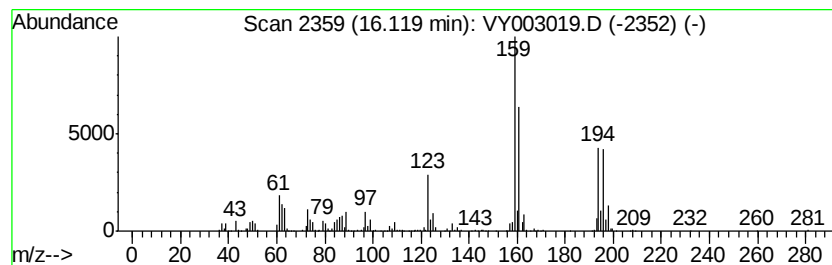
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,4-trichloro-3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	18.28 ug/l	616479	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2		Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	98
3		2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	96
4		Benzene, 1,2-dichloro-3-(chlorom...	194	C7H5Cl3	003290-01-5	95
5		Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003019.D
Acq On : 29 Jun 2020 20:18
Operator : SY/MD
Sample : L3153-01
Misc : 6.50G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

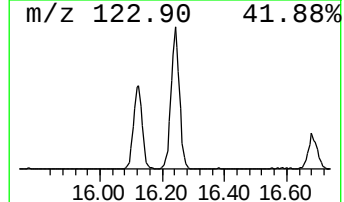
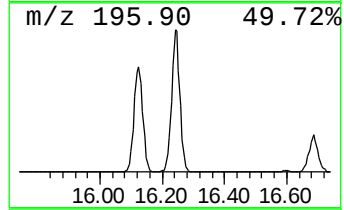
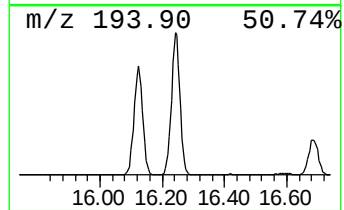
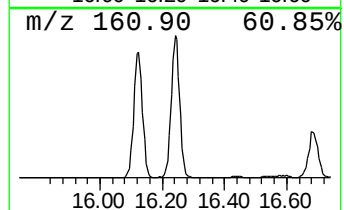
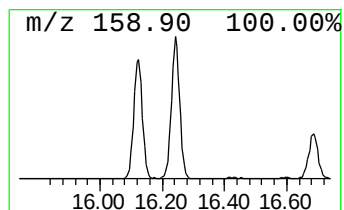
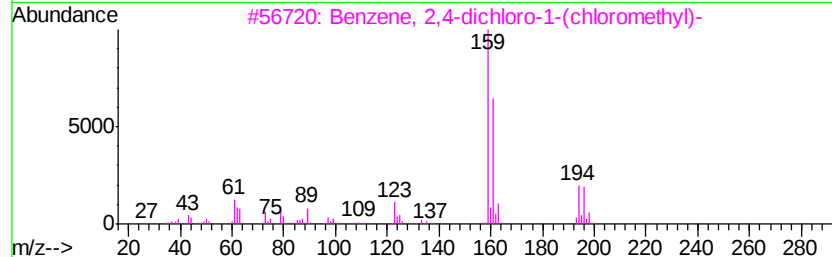
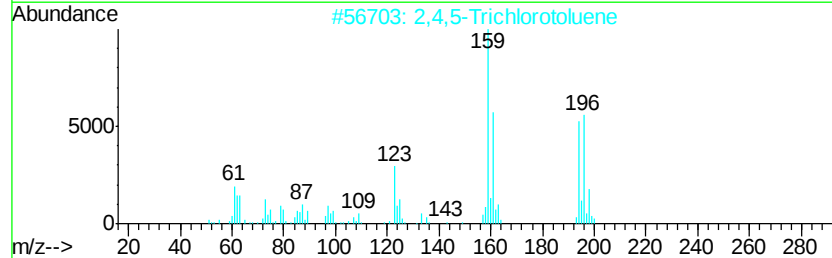
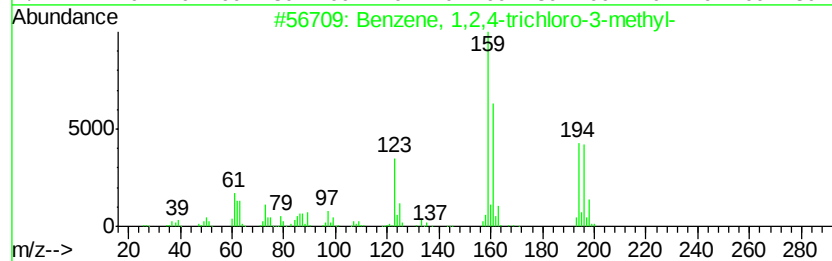
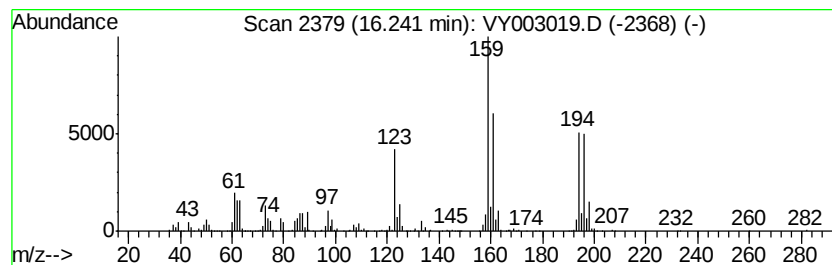
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

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

Peak Number 8 2,4,5-Trichlorotoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	25.10 ug/l	846380	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2		2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	96
3		Benzene, 2,4-dichloro-1-(chloromethyl)-	194	C7H5Cl3	000094-99-5	95
4		Benzene, 1,2-dichloro-4-(chloromethyl)-	194	C7H5Cl3	000102-47-6	93
5		Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003019.D
Acq On : 29 Jun 2020 20:18
Operator : SY/MD
Sample : L3153-01
Misc : 6.50G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

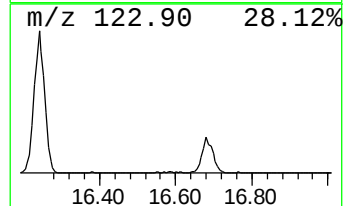
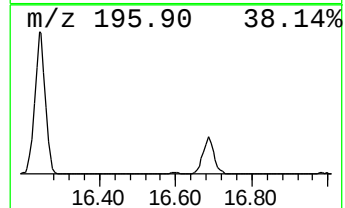
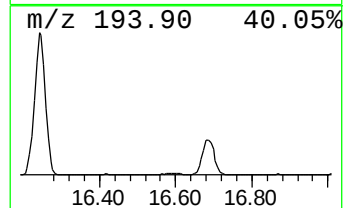
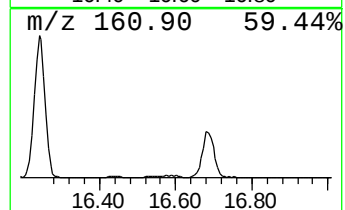
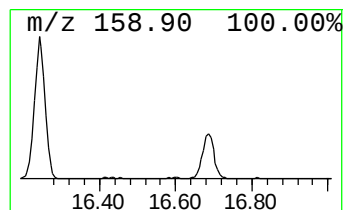
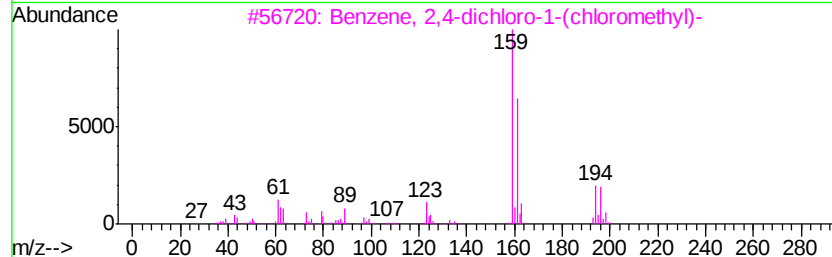
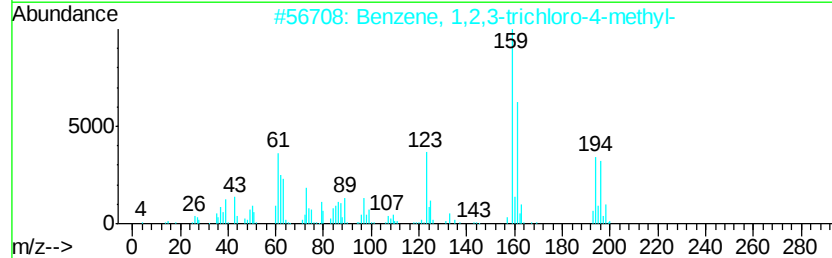
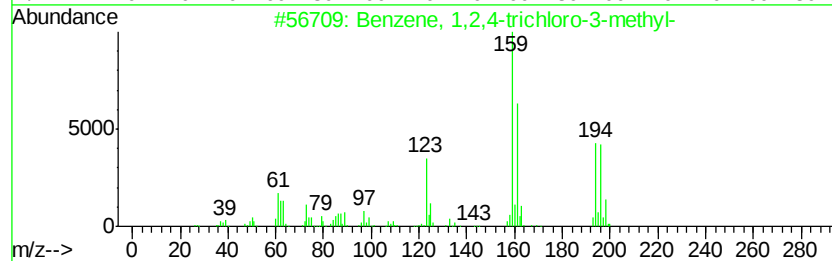
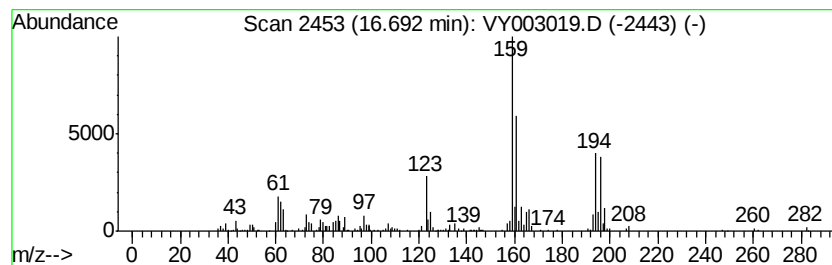
Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

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 Benzene, 1,2,3-trichloro-4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.69	9.05 ug/l	305027	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	98
3	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	94
4	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	94
5	Benzene, 1,3-dichloro-5-(chlorom...	194	C7H5Cl3	003290-06-0	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003019.D
Acq On : 29 Jun 2020 20:18
Operator : SY/MD
Sample : L3153-01
Misc : 6.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP1-A

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
.alpha.-Pinene	12.33	5.3	ug/l	201017	3	11.49	1894920	50.0
Camphene	12.58	5.9	ug/l	200413	4	13.42	1686140	50.0
Benzene, 1,2-dich...	14.46	499.0	ug/l	16826200	4	13.42	1686140	50.0
Benzene, 1,2-dich...	14.80	85.7	ug/l	2891330	4	13.42	1686140	50.0
Bibenzyl	14.86	19.9	ug/l	670274	4	13.42	1686140	50.0
Bicyclo[2.2.1]hep...	14.96	14.4	ug/l	484960	4	13.42	1686140	50.0
Benzene, 1,2,4-tr...	16.12	18.3	ug/l	616479	4	13.42	1686140	50.0
2,4,5-Trichloroto...	16.24	25.1	ug/l	846380	4	13.42	1686140	50.0
Benzene, 1,2,3-tr...	16.69	9.1	ug/l	305027	4	13.42	1686140	50.0