

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005558.D
 Acq On : 05 Aug 2021 16:12
 Operator : SY/MD
 Sample : M3297-01
 Misc : 1.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 128

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\82Y080221S.M
 Title : SW846 8260

Signal : TIC: VY005558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.058	34	39	53	rBV2	21020	49315	7.98%	1.227%
2	2.229	61	67	77	rBV2	21379	45997	7.45%	1.144%
3	2.534	112	117	121	rBV7	5337	11957	1.94%	0.297%
4	3.966	346	352	359	rVB2	3244	7625	1.23%	0.190%
5	4.491	431	438	446	rVB3	2393	6479	1.05%	0.161%
6	4.728	465	477	491	rBV	55346	176784	28.62%	4.397%
7	5.759	635	646	656	rBV3	12611	38766	6.28%	0.964%
8	7.728	959	969	975	rBV	140471	342818	55.51%	8.526%
9	7.801	975	981	990	rVB	204475	456068	73.84%	11.343%
10	8.008	1007	1015	1022	rBV5	3012	7520	1.22%	0.187%
11	8.149	1026	1038	1049	rBV	153611	343992	55.70%	8.556%
12	8.551	1097	1104	1111	rVB7	3583	7711	1.25%	0.192%
13	8.697	1119	1128	1141	rVB	317850	617626	100.00%	15.361%
14	10.185	1364	1372	1378	rVV	278195	479170	77.58%	11.918%
15	10.246	1378	1382	1388	rVB	11922	22057	3.57%	0.549%
16	10.581	1431	1437	1444	rBV2	6282	12589	2.04%	0.313%
17	10.941	1490	1496	1503	rBV6	5764	12251	1.98%	0.305%
18	11.495	1581	1587	1595	rVB	219459	366768	59.38%	9.122%
19	11.593	1595	1603	1611	rBV	25379	43717	7.08%	1.087%
20	11.703	1614	1621	1633	rBV	105156	195604	31.67%	4.865%
21	12.032	1669	1675	1682	rBV	43903	69397	11.24%	1.726%
22	12.209	1699	1704	1710	rVB4	8396	14851	2.40%	0.369%
23	12.483	1743	1749	1756	rBV2	141639	230270	37.28%	5.727%
24	13.123	1850	1854	1858	rBV3	5104	7979	1.29%	0.198%
25	13.282	1875	1880	1884	rVB5	5169	8635	1.40%	0.215%
26	13.428	1898	1904	1911	rBV	118943	196356	31.79%	4.884%
27	13.751	1953	1957	1960	rBV6	6185	10104	1.64%	0.251%
28	13.971	1988	1993	1998	rVB3	11649	22774	3.69%	0.566%
29	14.208	2028	2032	2035	rBV4	13945	22324	3.61%	0.555%
30	14.263	2035	2041	2054	rVB3	36837	127778	20.69%	3.178%
31	14.946	2149	2153	2162	rVB4	17375	43018	6.97%	1.070%
32	15.227	2194	2199	2202	rBV5	9803	22383	3.62%	0.557%

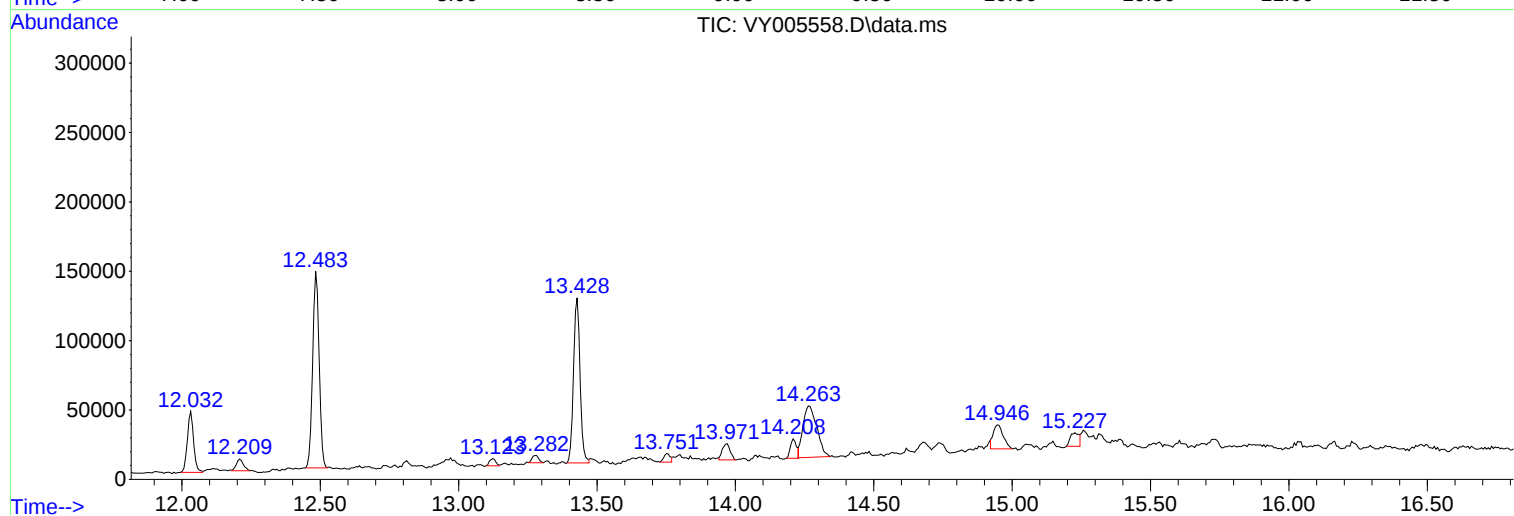
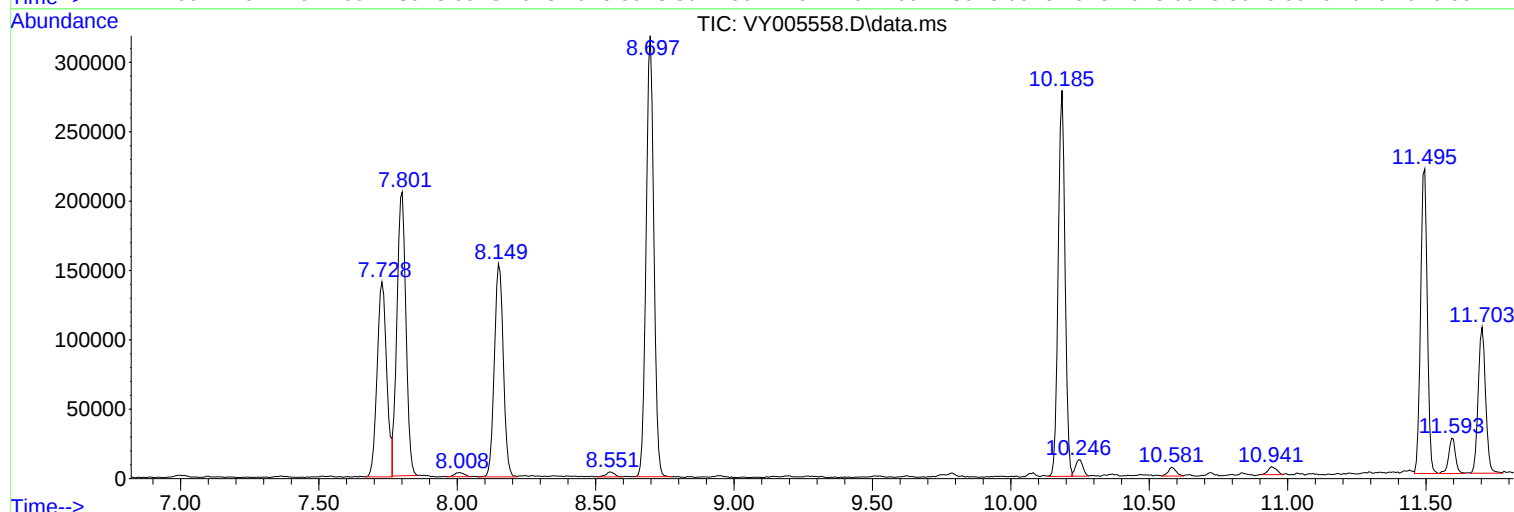
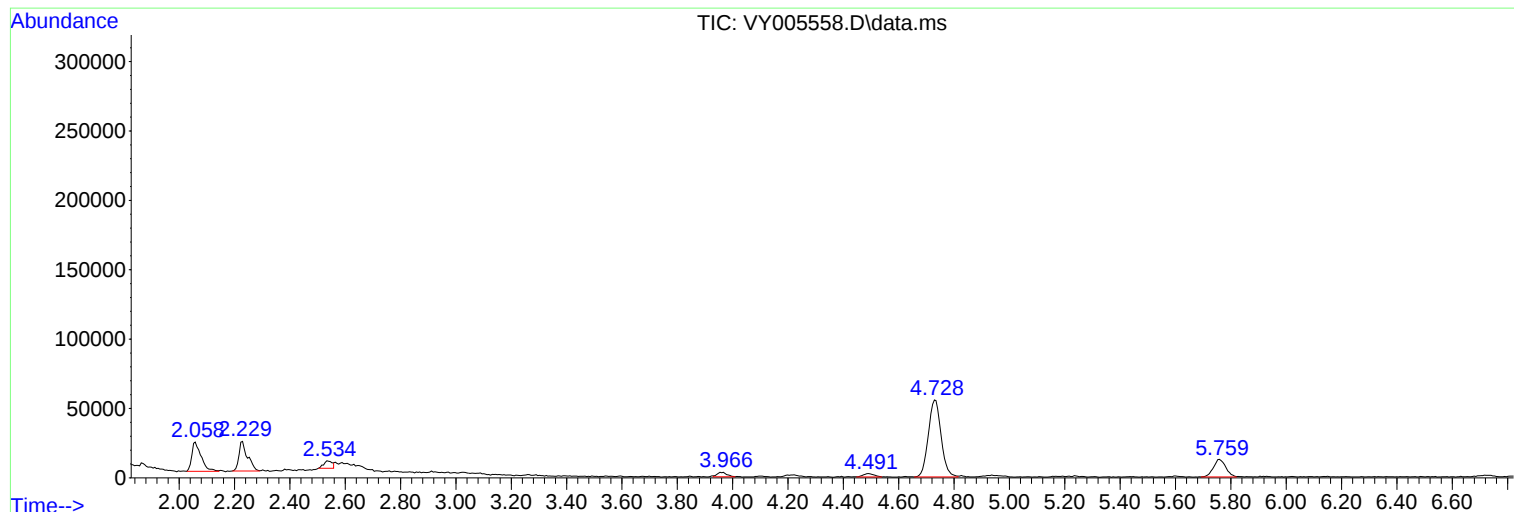
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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



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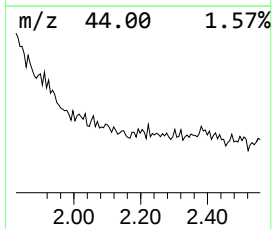
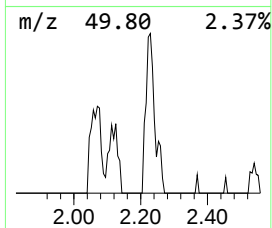
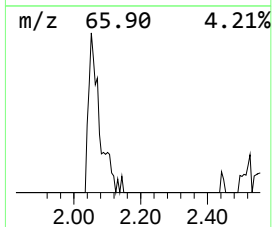
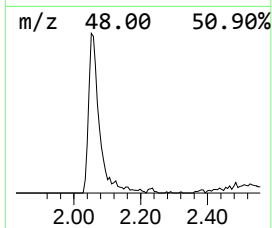
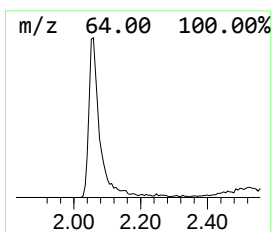
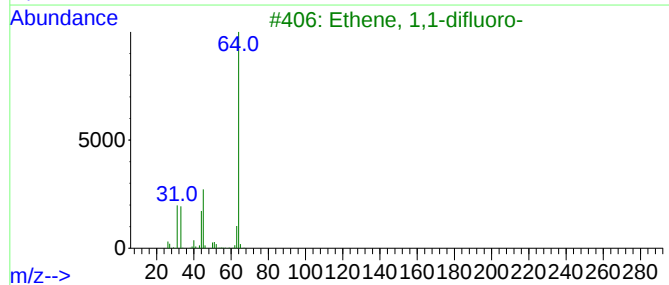
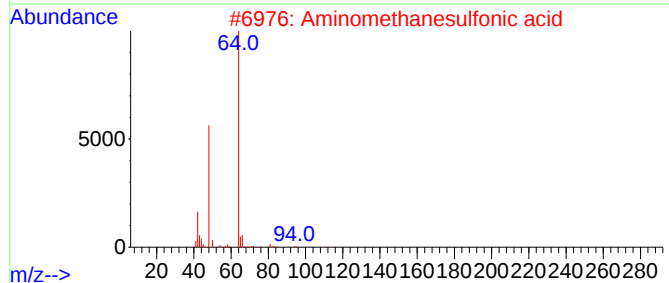
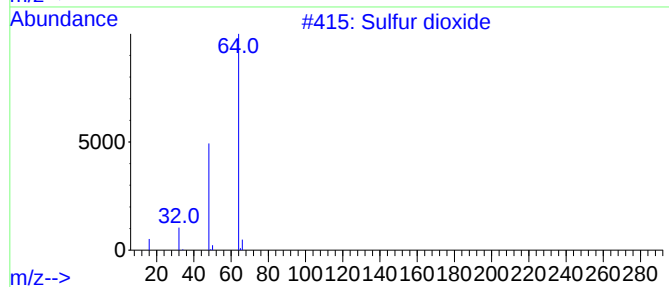
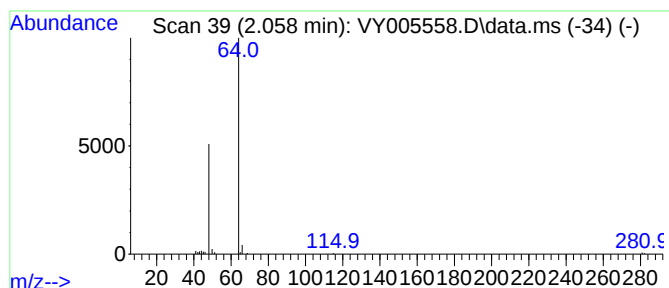
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 1 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.058	5.41 ug/l	49315	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9
4			4,6-Diamino-5-pyrimidinyl hydrog...	206	C4H6N4O4S	071525-41-2	9
5			4,4'-Diaminostilbene-2,2'-disulf...	370	C14H14N2O6S2	000081-11-8	9



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Misc : 1.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
128

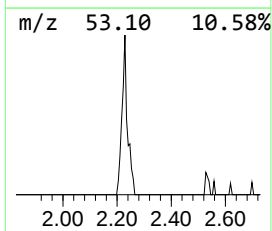
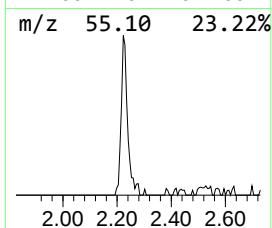
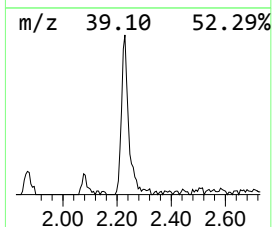
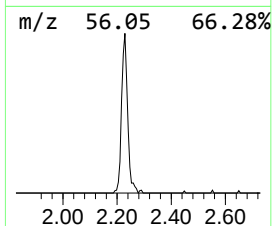
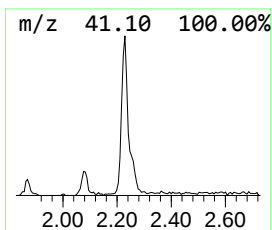
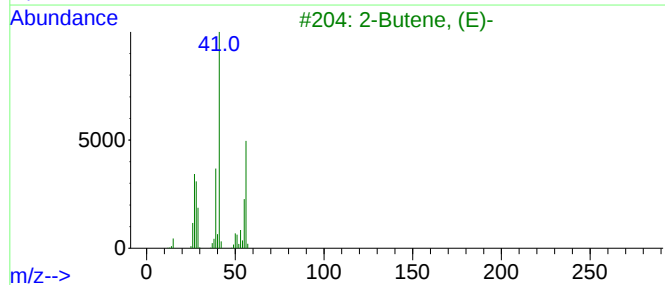
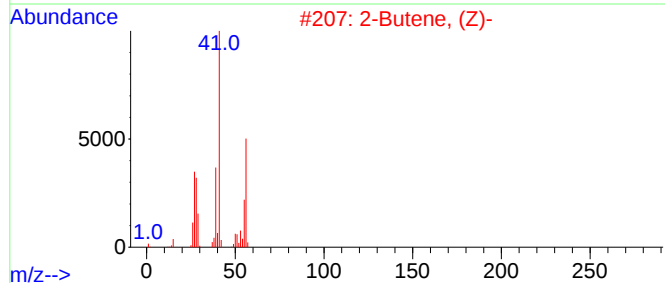
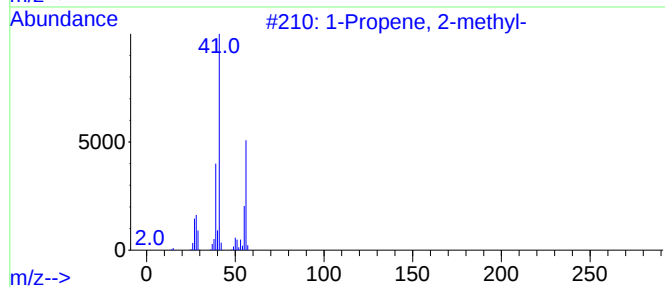
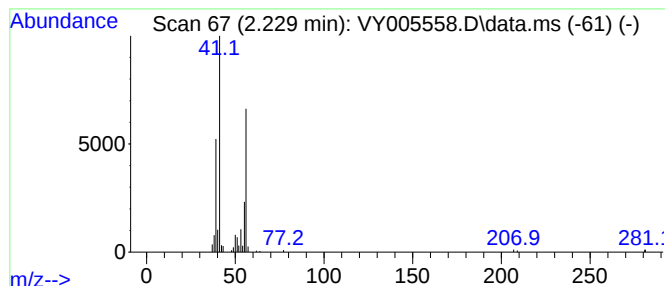
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.229	5.04 ug/l	45997	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	87
2	2-Butene, (Z)-			56	C4H8	000590-18-1	80
3	2-Butene, (E)-			56	C4H8	000624-64-6	80
4	2-Butene			56	C4H8	000107-01-7	72
5	1-Butene			56	C4H8	000106-98-9	52



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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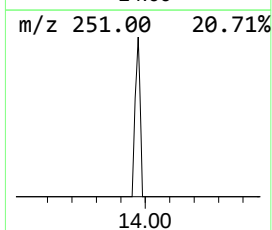
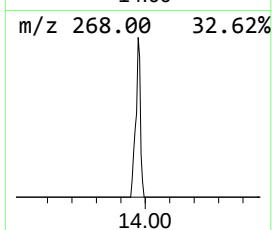
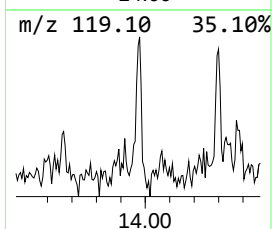
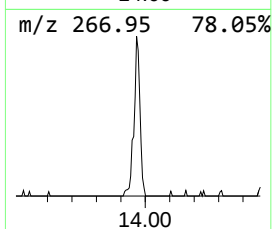
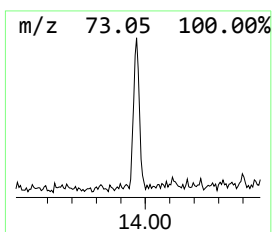
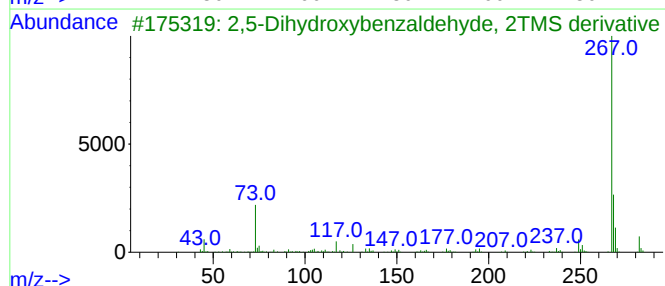
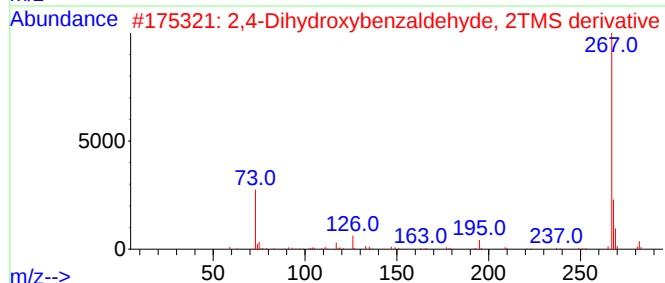
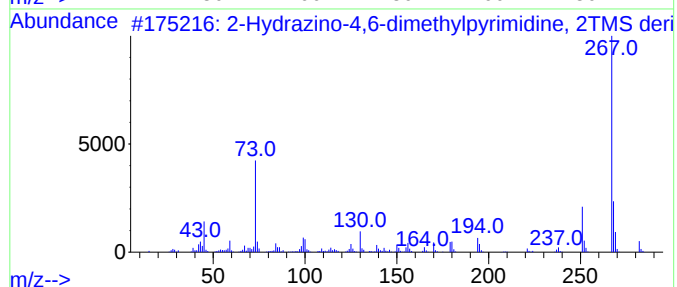
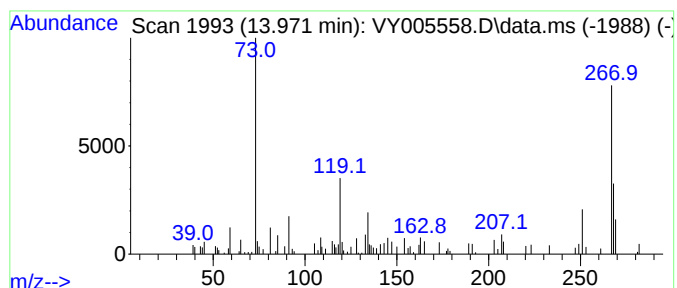
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown13.971 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	5.80 ug/l	22774	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-7	47
2			2,4-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	033617-38-8	47
3			2,5-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	056114-69-3	43
4			Propenenitrile, 2-(2-benzothiazo...	268	C14H8N2S2	106833-31-2	37
5			2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-6	33



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ClientSampleId :
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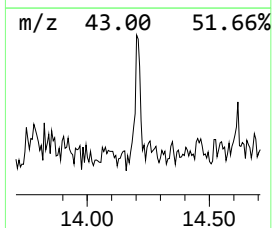
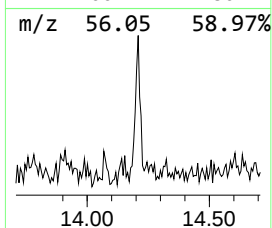
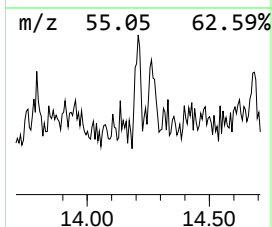
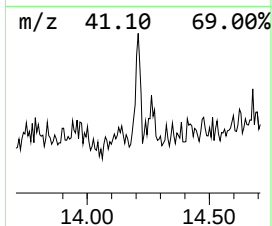
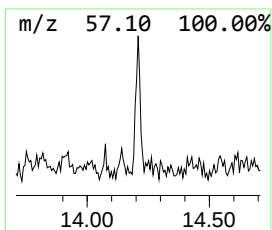
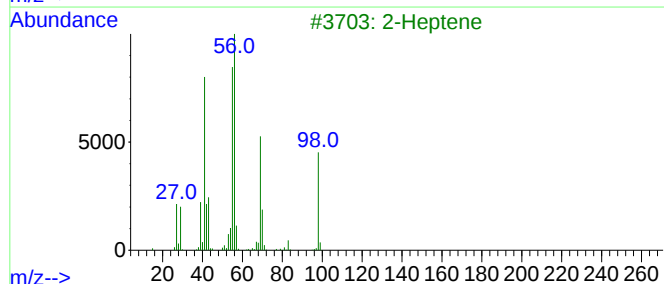
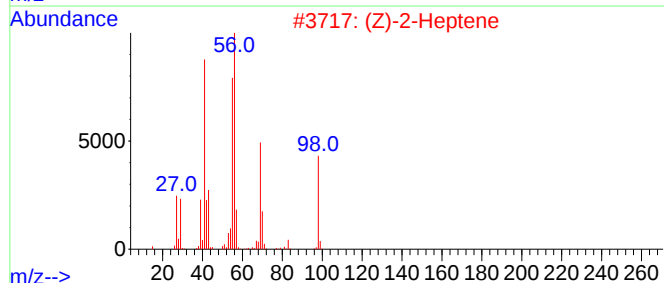
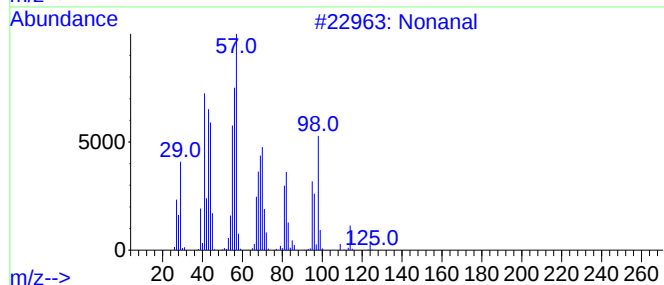
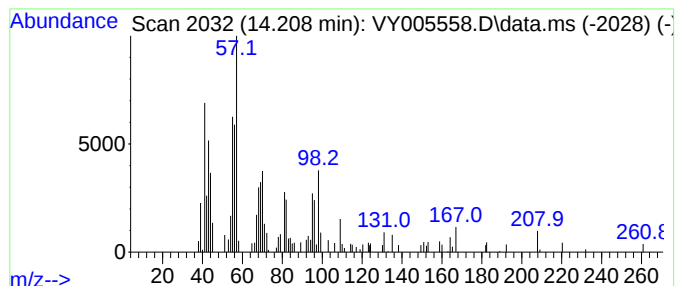
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Peak Number 4 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	5.68 ug/l	22324	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	52
2			(Z)-2-Heptene	98	C7H14	006443-92-1	30
3			2-Heptene	98	C7H14	000592-77-8	30
4			Cycloheptane	98	C7H14	000291-64-5	27
5			2-Heptene, (E)-	98	C7H14	014686-13-6	27



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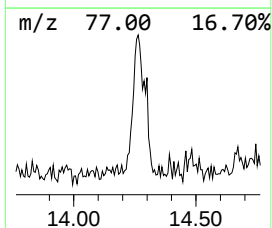
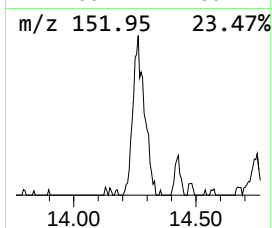
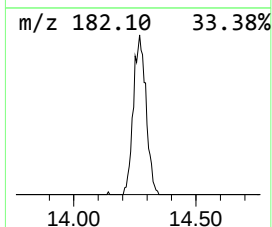
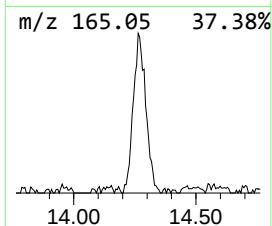
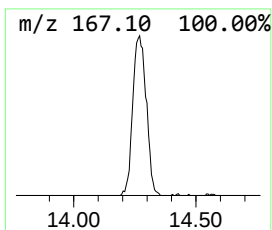
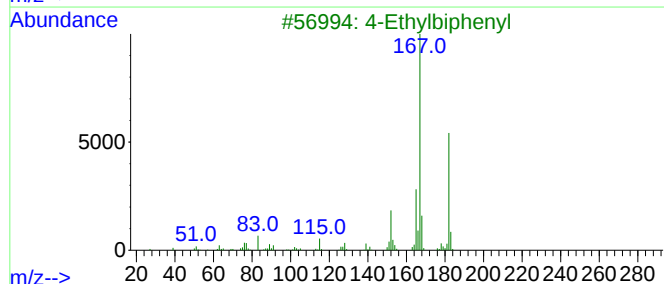
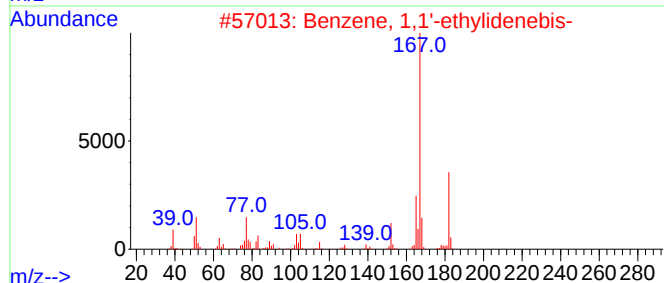
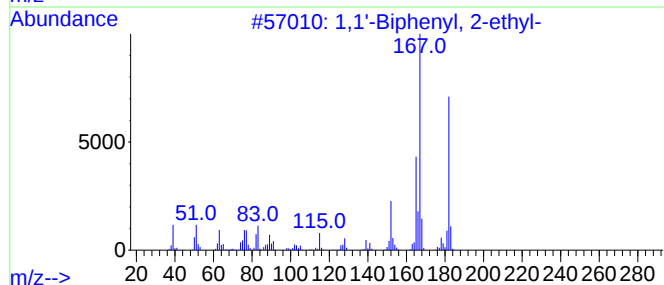
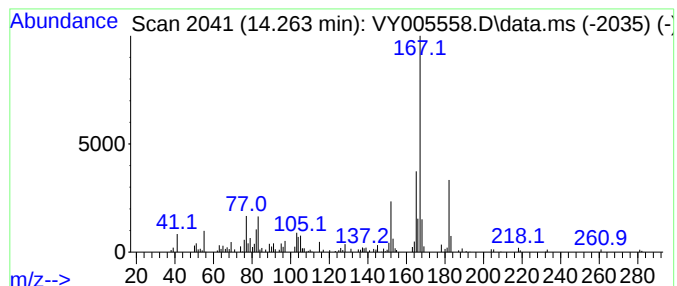
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	32.54 ug/l	127778	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	94
2			Benzene, 1,1'-ethylenedibis-	182	C14H14	000612-00-0	93
3			4-Ethylbiphenyl	182	C14H14	005707-44-8	91
4			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	90
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	87



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Instrument :
MSVOA_Y
ClientSampleId :
128

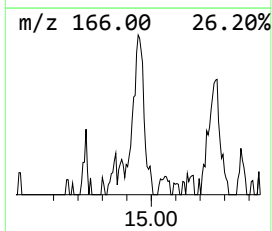
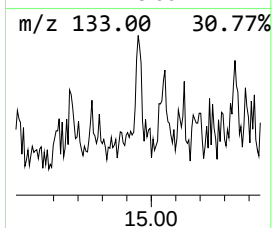
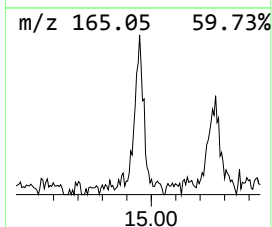
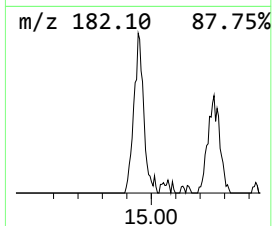
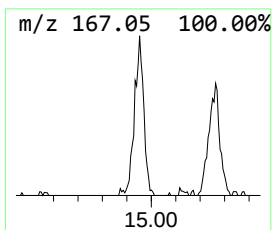
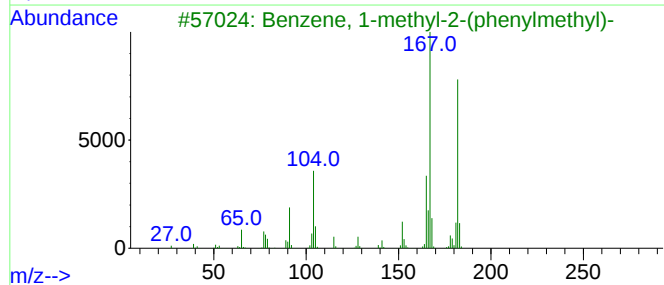
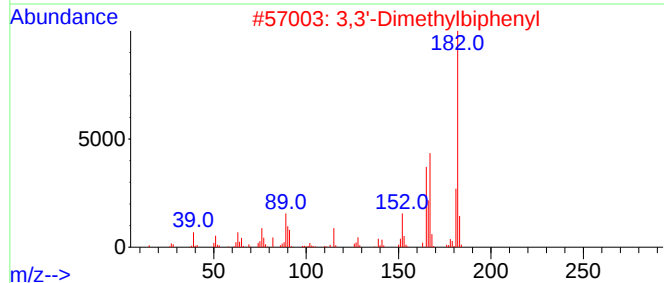
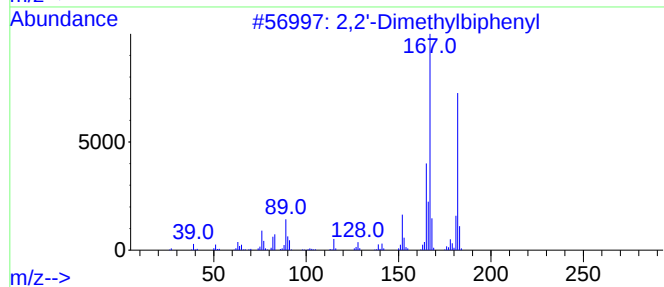
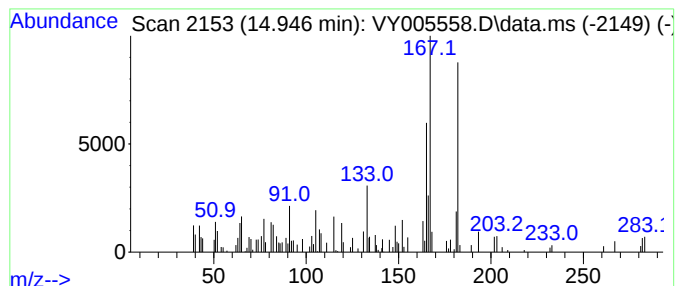
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Quant Title : SW846 8260

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

Peak Number 6 2,2'-Dimethylbiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	10.95 ug/l	43018	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	81
2		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	70
3		Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	62
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62
5		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
Data File : VY005558.D
Acq On : 05 Aug 2021 16:12
Operator : SY/MD
Sample : M3297-01
Misc : 1.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
128

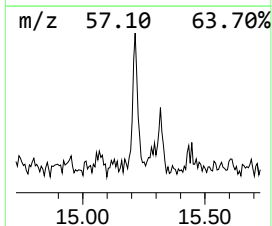
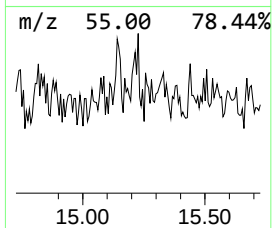
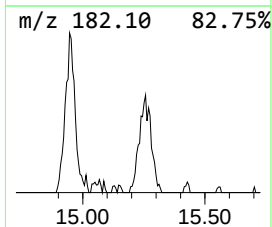
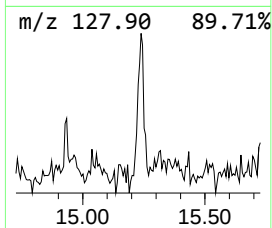
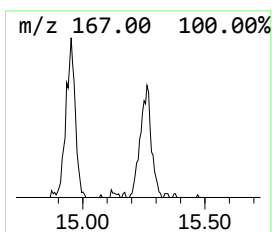
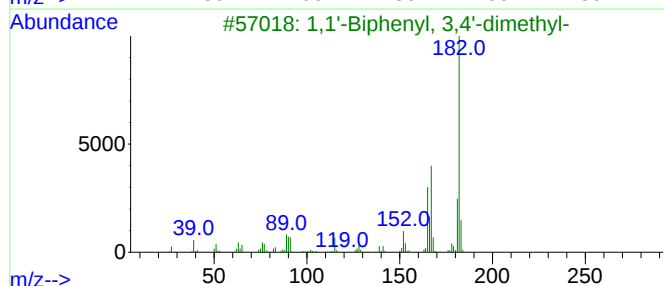
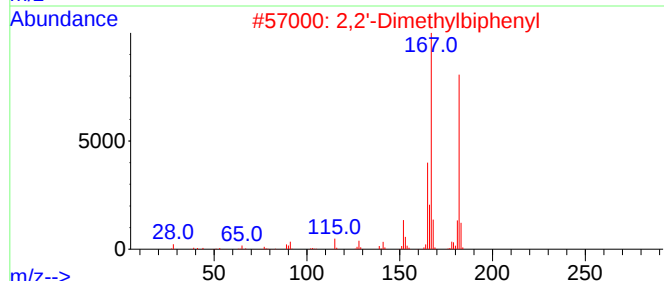
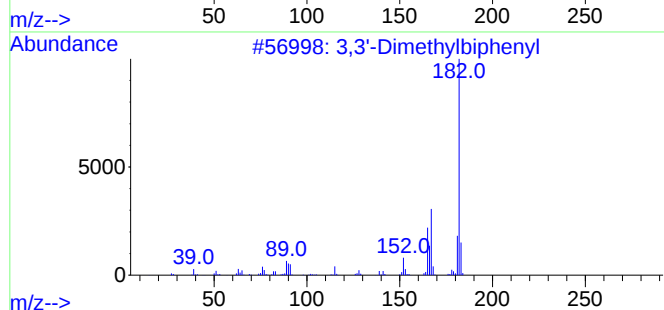
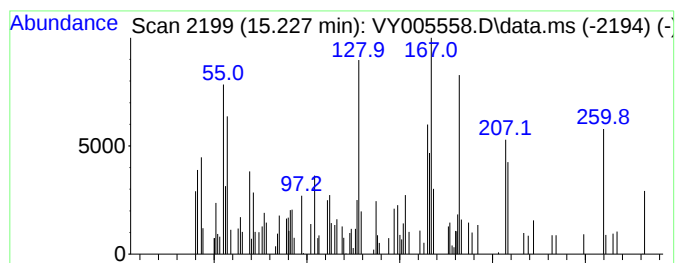
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Quant Title : SW846 8260

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

Peak Number 7 3,3'-Dimethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	5.70 ug/l	22383	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50
2			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49
3			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	45
4			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	41
5			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
Data File : VY005558.D
Acq On : 05 Aug 2021 16:12
Operator : SY/MD
Sample : M3297-01
Misc : 1.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
128

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.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
Sulfur dioxide	2.058	5.4	ug/l	49315	1	7.801	456068	50.0
1-Propene, 2-me...	2.229	5.0	ug/l	45997	1	7.801	456068	50.0
unknown13.971	13.971	5.8	ug/l	22774	4	13.428	196356	50.0
Nonanal	14.208	5.7	ug/l	22324	4	13.428	196356	50.0
1,1'-Biphenyl, ...	14.263	32.5	ug/l	127778	4	13.428	196356	50.0
2,2'-Dimethylbi...	14.946	10.9	ug/l	43018	4	13.428	196356	50.0
3,3'-Dimethylbi...	15.227	5.7	ug/l	22383	4	13.428	196356	50.0