LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
Data File : VY019310.D
Acq On : 28 Aug 2024 03:23
Operator : SY/MD
Sample : P3660-01
Misc : 7.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

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\82Y081524S.M
Title : SW846 8260

Signal : TIC: VY019310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	66	rBV	121824	220599	36.79%	5.417%
2	2.422	109	115	119	rBV5	3284	7519	1.25%	0.185%
3	2.525	128	132	137	rBV	15094	26964	4.50%	0.662%
4	3.830	338	346	357	rBV3	7935	35624	5.94%	0.875%
5	4.366	424	434	451	rBV	58860	279696	46.64%	6.868%
6	5.531	617	625	628	rBV7	3397	8471	1.41%	0.208%
7	6.409	757	769	783	rBV4	8218	38587	6.43%	0.947%
8	7.616	958	967	970	rBV3	25256	62063	10.35%	1.524%
9	7.677	971	977	989	rVB2	87504	217946	36.34%	5.352%
10	8.042	1028	1037	1047	rBV2	21718	65532	10.93%	1.609%
11	8.597	1118	1128	1134	rBV	82658	191439	31.92%	4.701%
12	8.677	1135	1141	1153	rVB2	22397	84456	14.08%	2.074%
13	8.847	1163	1169	1176	rBV3	9859	20311	3.39%	0.499%
14	10.103	1367	1375	1397	rBV	138962	440796	73.51%	10.824%
15	10.329	1408	1412	1428	rVB10	8677	31420	5.24%	0.772%
16	10.640	1458	1463	1475	rBV6	7944	18182	3.03%	0.446%
17	11.420	1583	1591	1603	rBV	134579	350912	58.52%	8.616%
18	11.524	1603	1608	1615	rVV5	4040	10808	1.80%	0.265%
19	11.603	1615	1621	1623	rVV4	3862	7584	1.26%	0.186%
20	11.633	1623	1626	1636	rVB4	4952	9502	1.58%	0.233%
21	12.200	1713	1719	1724	rBV2	35567	64863	10.82%	1.593%
22	12.261	1724	1729	1740	rVB	190159	335429	55.94%	8.236%
23	12.414	1747	1754	1762	rBV3	135320	260809	43.49%	6.404%
24	12.511	1762	1770	1776	rVB3	15345	28121	4.69%	0.690%
25	12.816	1813	1820	1833	rVB	361004	599671	100.00%	14.725%
26	13.072	1857	1862	1870	rVB4	9980	17934	2.99%	0.440%
27	13.298	1888	1899	1903	rVV	63680	121845	20.32%	2.992%
28	13.352	1903	1908	1913	rVV	174276	283341	47.25%	6.957%
29	13.420	1913	1919	1927	rVB	115603	198796	33.15%	4.881%
30	13.676	1956	1961	1966	rBV4	4557	7351	1.23%	0.181%
31	13.889	1987	1996	2003	rBV	10689	17284	2.88%	0.424%
32	14.115	2028	2033	2040	rBV	6085	8709	1.45%	0.214%

Sum of corrected areas: 4072564

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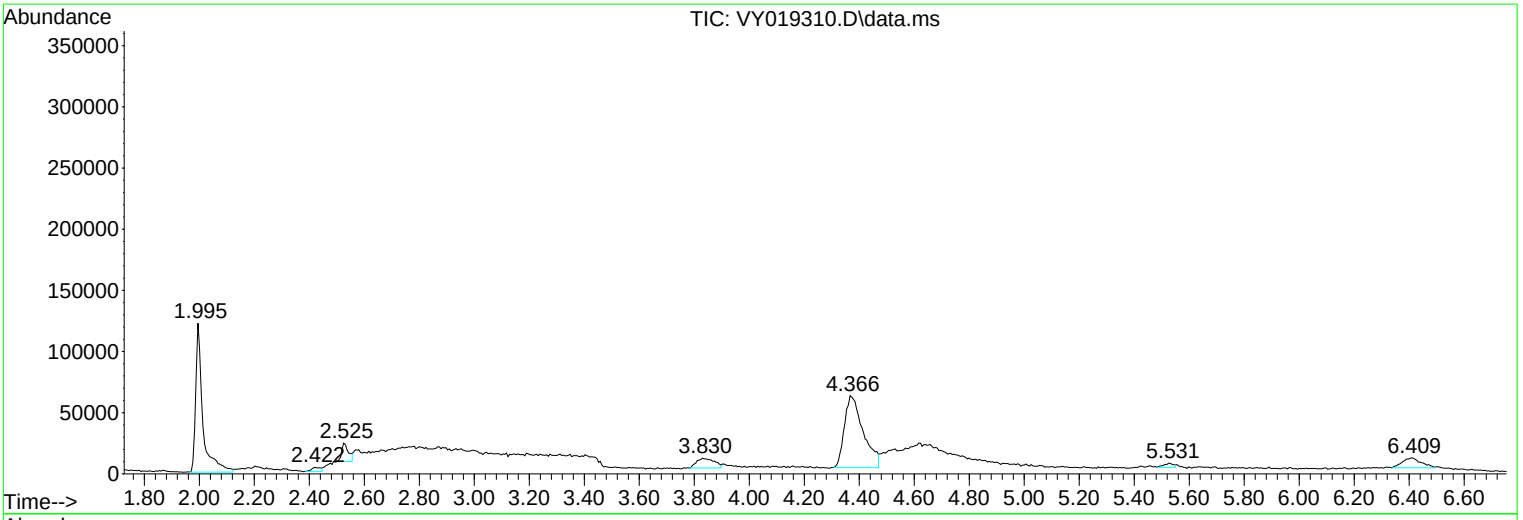
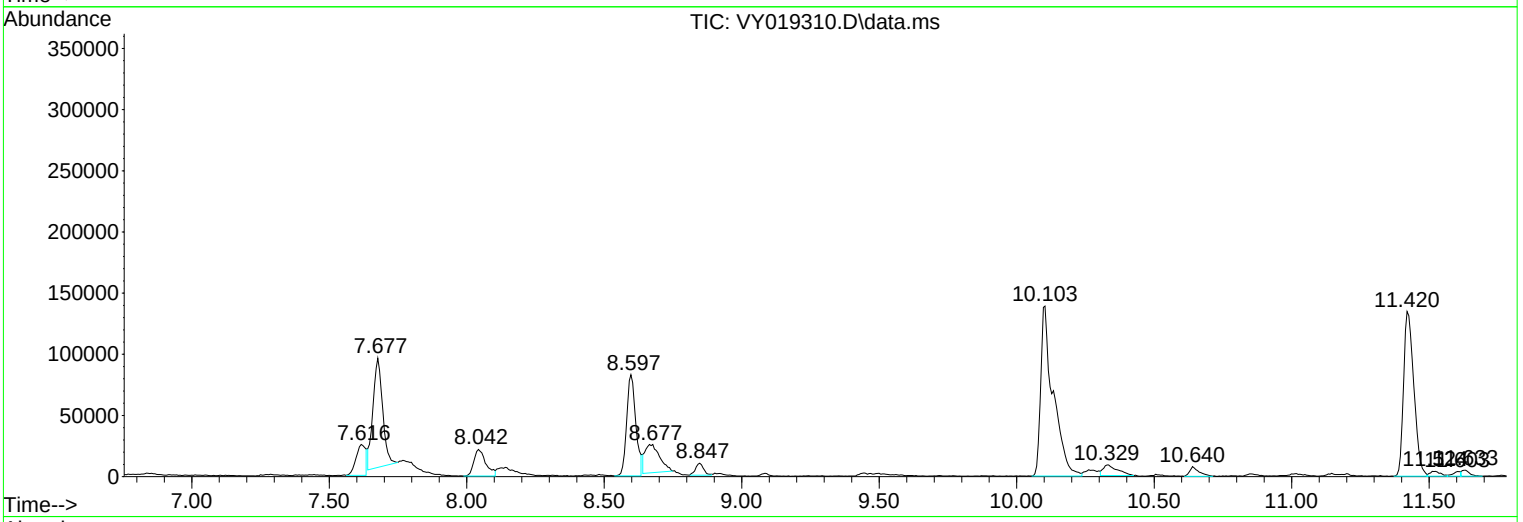
ALS Vial : 42 Sample Multiplier: 1

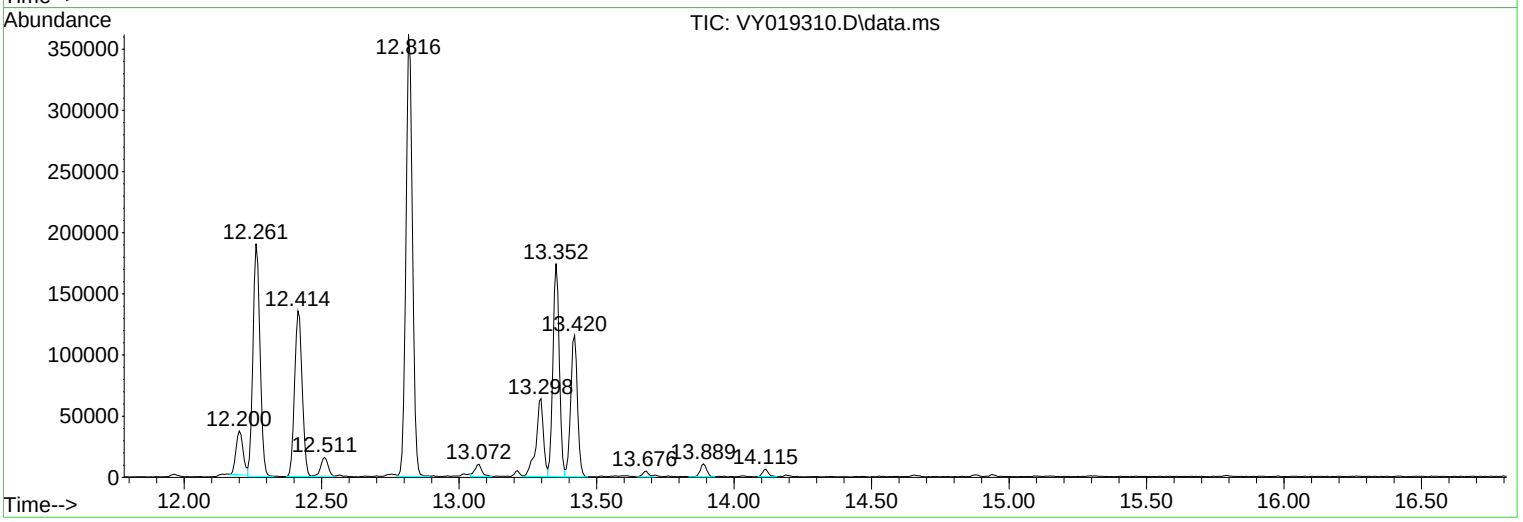
Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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







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TIC Library : C:\Database\NIST20.L
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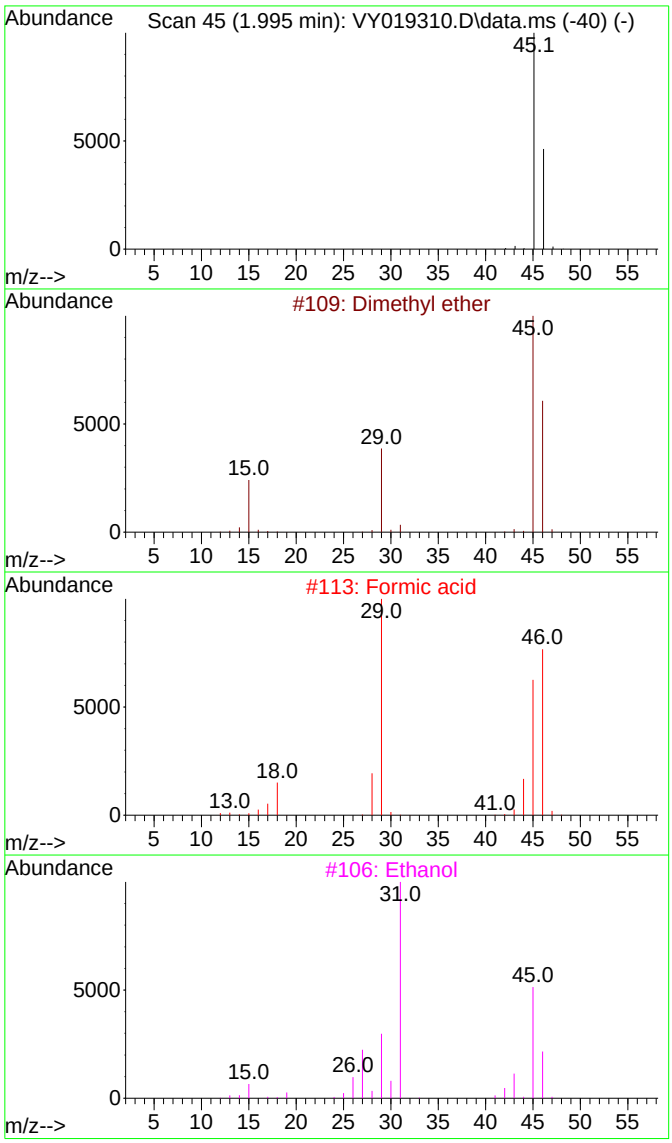
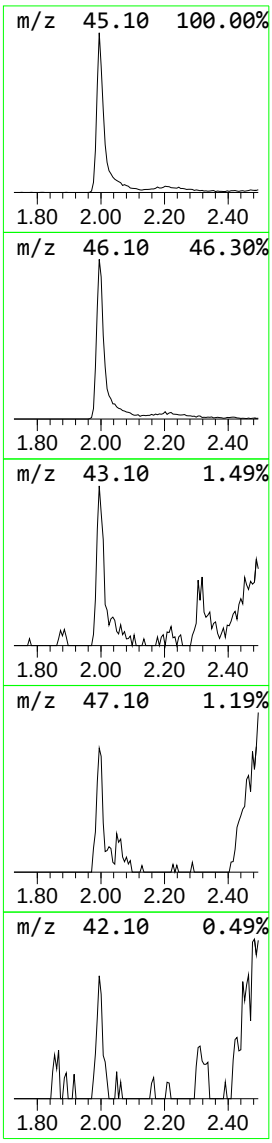
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	50.61 ug/l	220599	Pentafluorobenzene	7.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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Data File : VY019310.D
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ClientSampleId :
S-901-J-0-0.5-081624

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

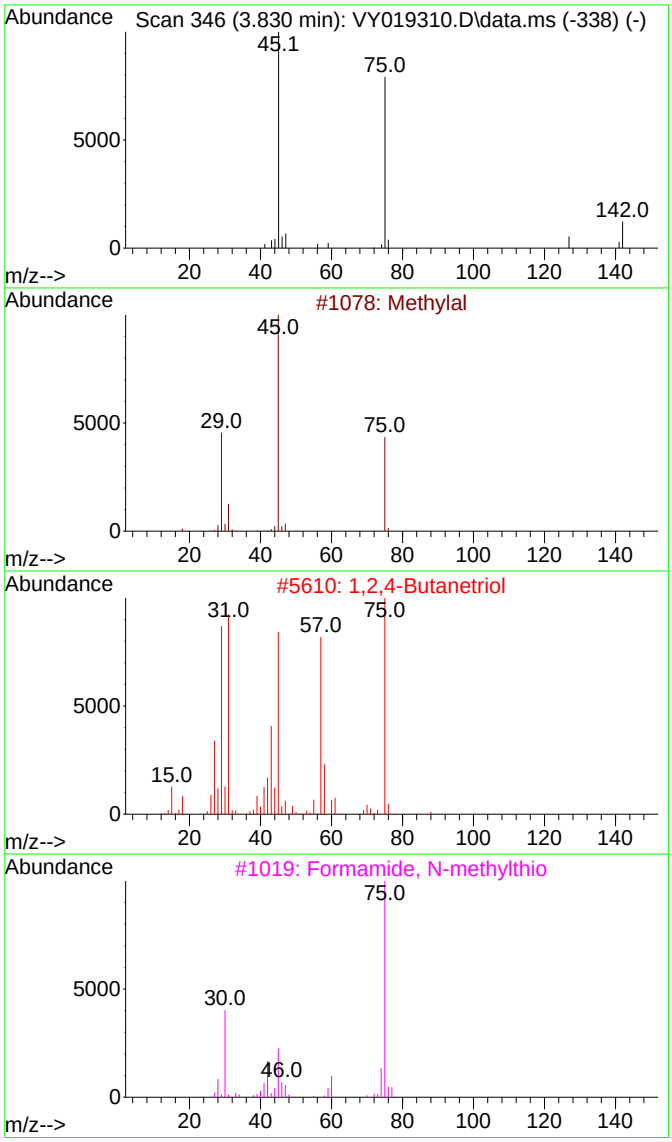
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

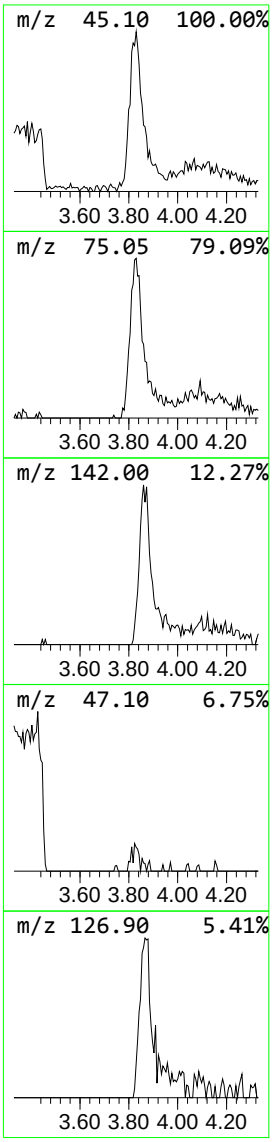
****

Peak Number 3 Methylal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.830	8.17 ug/l	35624	Pentafluorobenzene	7.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	80
2	1,2,4-Butanetriol	106	C4H10O3	003068-00-6	40
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	38
4	2-Trimethylsilyloxy-1,3-butadiene	142	C7H14OSi	038053-91-7	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
Data File : VY019310.D
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Misc : 7.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

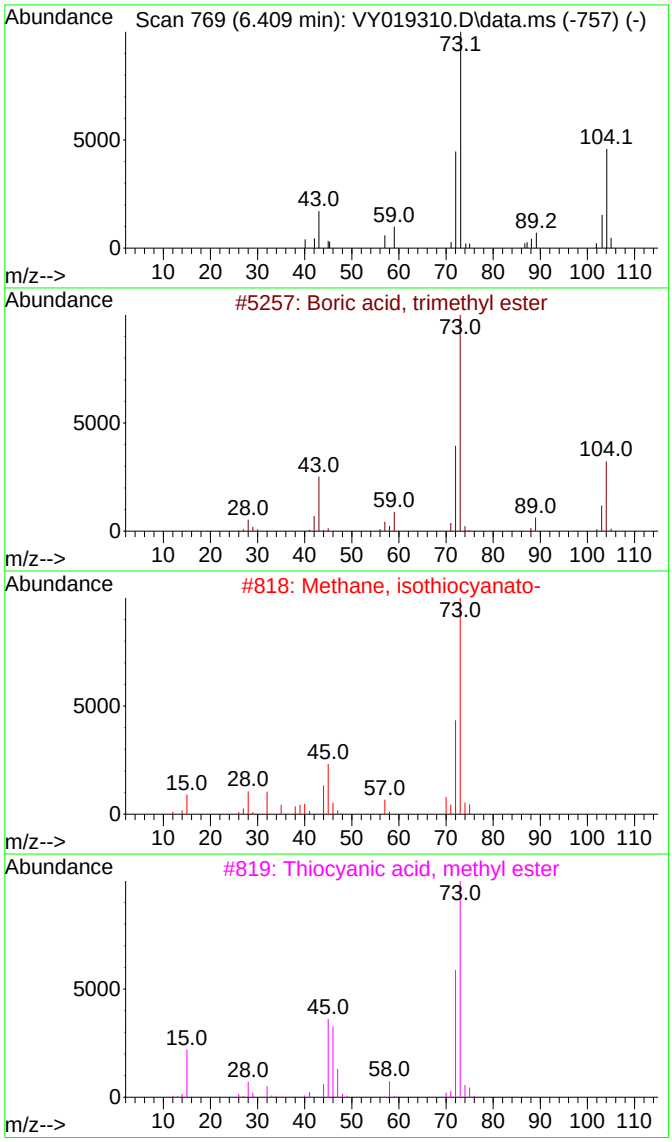
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

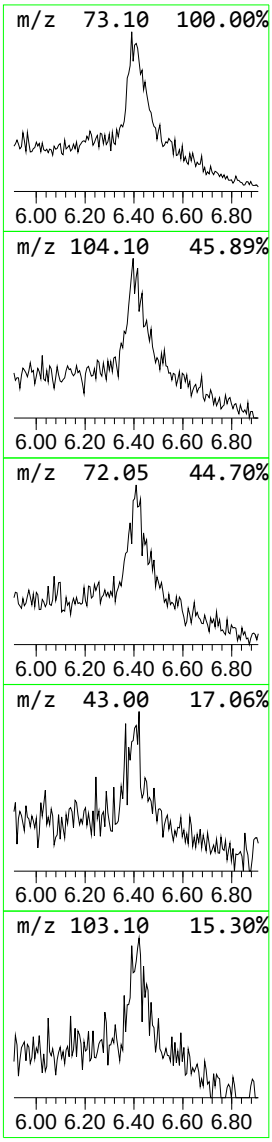
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Boric acid, trimethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.409	8.85 ug/l	38587	Pentafluorobenzene	7.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	86
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	7
4	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	7
5	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
Data File : VY019310.D
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Operator : SY/MD
Sample : P3660-01
Misc : 7.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 42 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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TIC Library : C:\Database\NIST20.L
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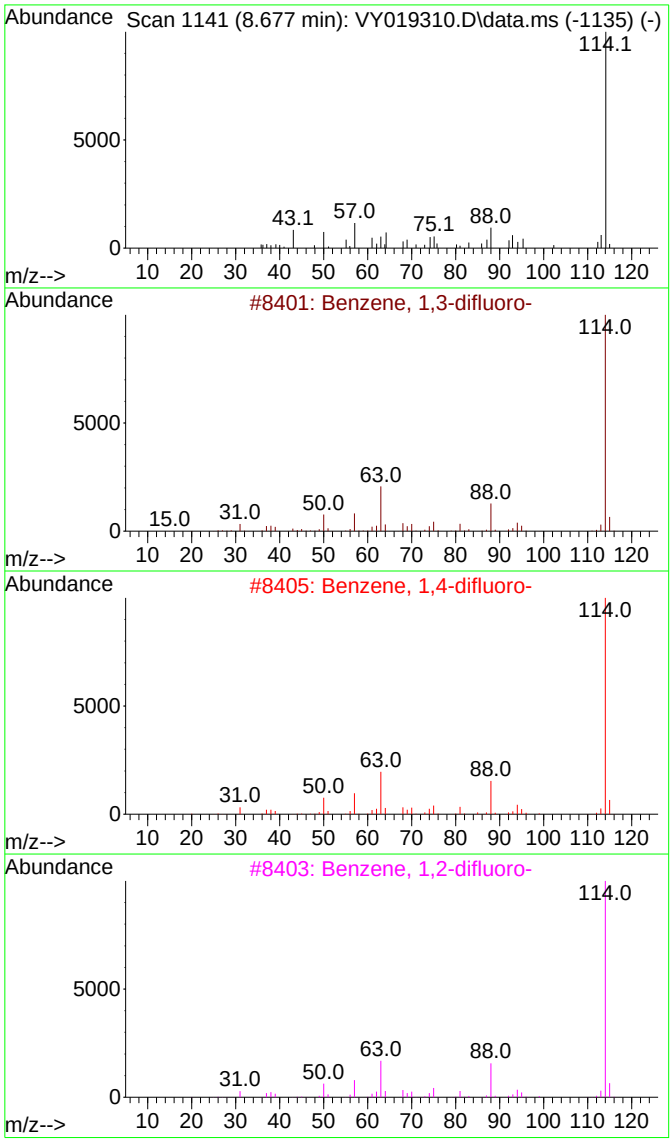
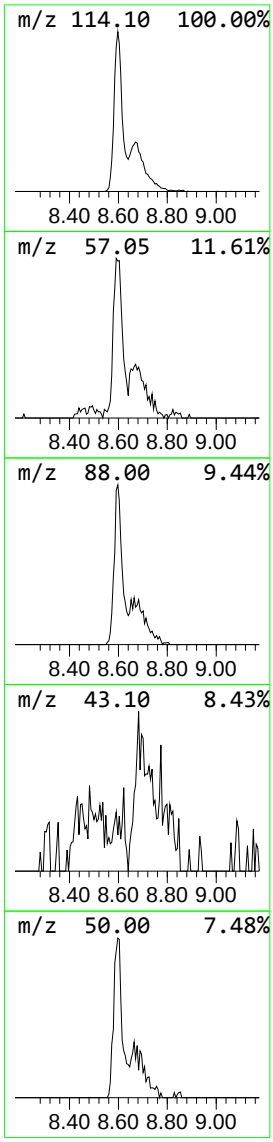
****
Peak Number 5 Benzene, 1,3-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.677	22.06 ug/l	84456	1,4-Difluorobenzene	8.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	72
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	72
4	1-[[2-[Butylamino]butyl]imino]-7...	517	C27H30Cl3N3O	144155-60-2	53
5	2,4(1H,3H)-Pyrimidinedione, dihy...	114	C4H6N2O2	000504-07-4	9





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MSVOA_Y
ClientSampleId :
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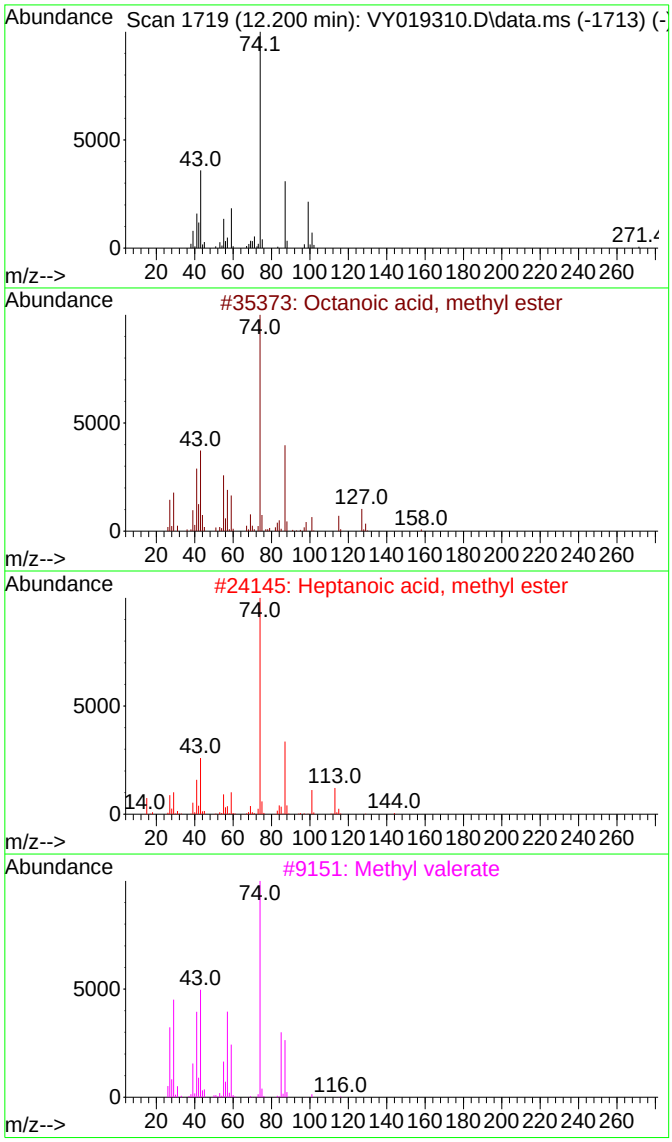
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

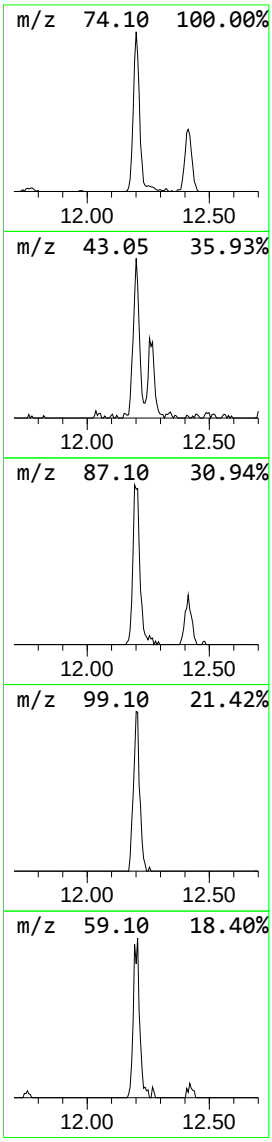
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.200	9.24 ug/l	64863	Chlorobenzene-d5	11.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	72
2	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	59
3	Methyl valerate	116	C6H12O2	000624-24-8	53
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	50
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	45





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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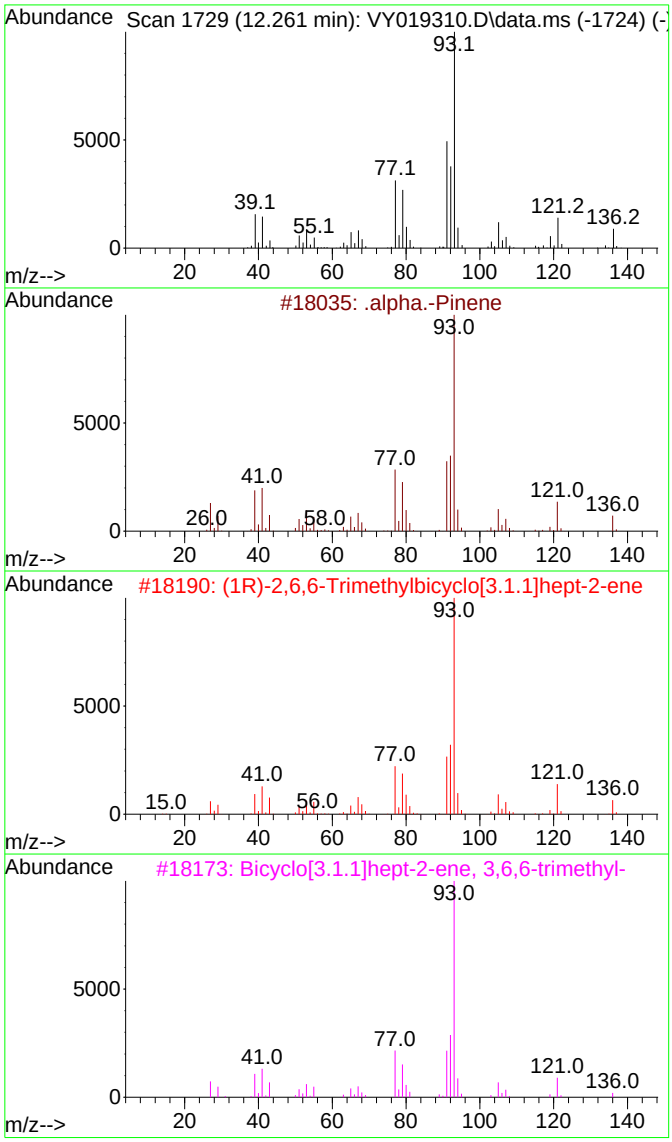
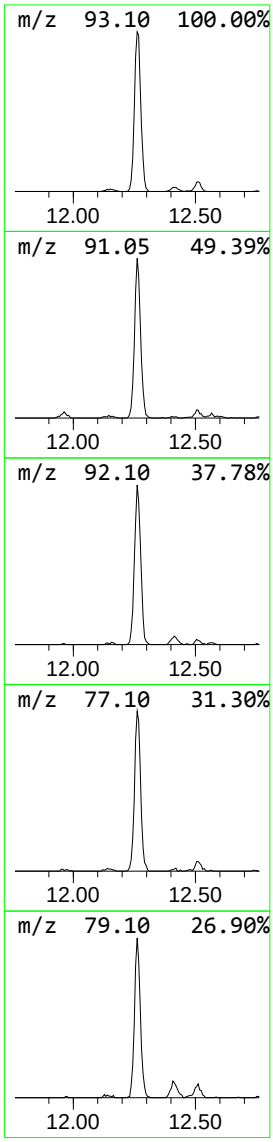
****

Peak Number 7 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	47.79 ug/l	335429	Chlorobenzene-d5	11.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





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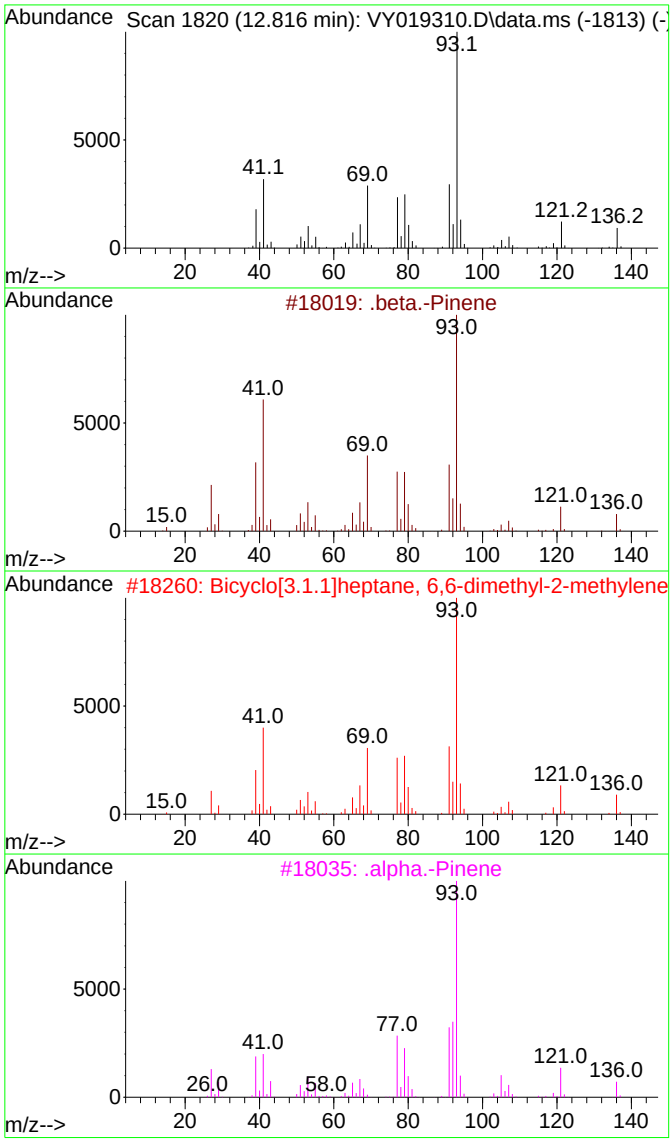
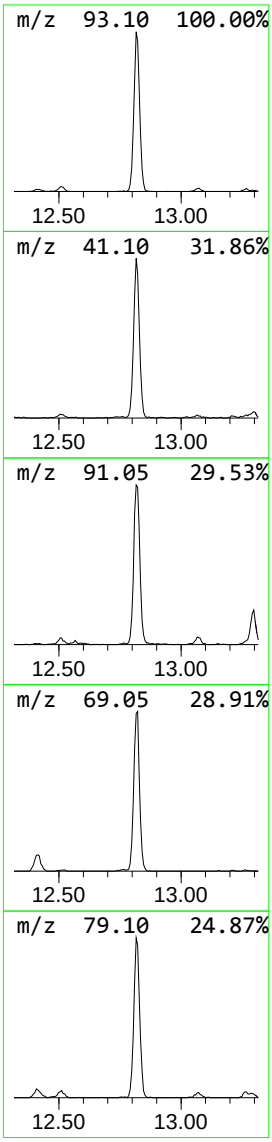
****
Peak Number 8 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	105.82 ug/l	599671	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	93
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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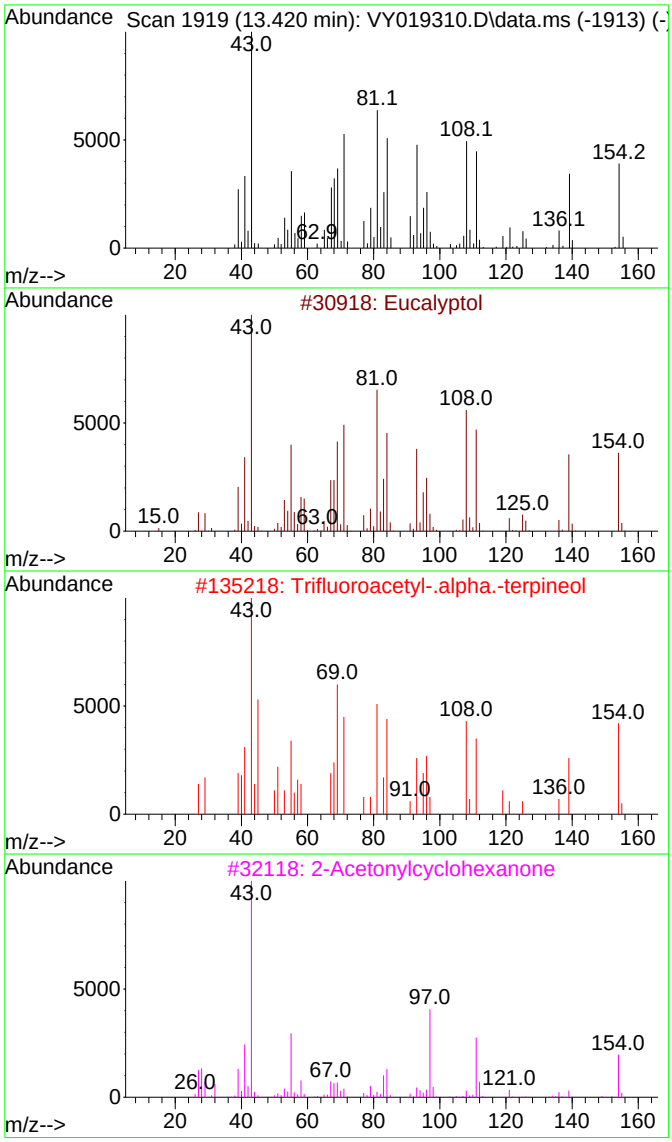
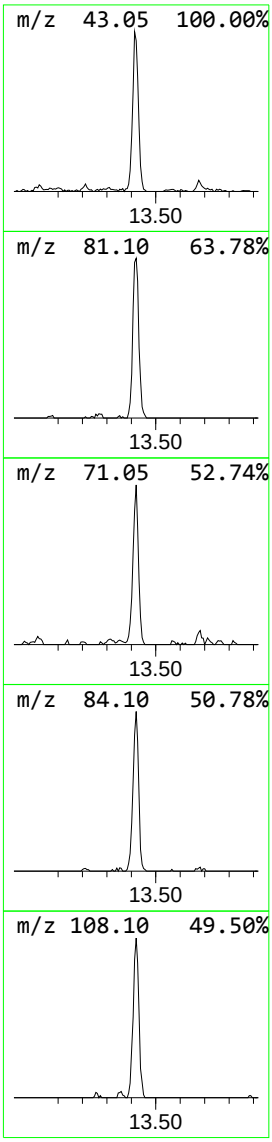
****
Peak Number 9 Eucalyptol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	35.08 ug/l	198796	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	90
3	2-Acetonylcyclohexanone	154	C9H14O2	006126-53-0	27
4	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25
5	2-Cyclohexen-1-ol, 3-methyl-6-(1...	154	C10H18O	016721-39-4	22





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.995	50.6	ug/l	220599	1	7.677	217946	50.0
Methylal	3.830	8.2	ug/l	35624	1	7.677	217946	50.0
Boric acid, tri...	6.409	8.8	ug/l	38587	1	7.677	217946	50.0
Benzene, 1,3-di...	8.677	22.1	ug/l	84456	2	8.597	191439	50.0
Octanoic acid, ...	12.200	9.2	ug/l	64863	3	11.420	350912	50.0
.alpha.-Pinene	12.261	47.8	ug/l	335429	3	11.420	350912	50.0
.beta.-Pinene	12.816	105.8	ug/l	599671	4	13.352	283341	50.0
Eucalyptol	13.420	35.1	ug/l	198796	4	13.352	283341	50.0