LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022657.D
Acq On : 11 Jun 2025 12:24
Operator : SY/MD
Sample : Q2259-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-36-060525

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\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.001	40	46	52	rBV	427185	687249	93.82%	14.168%
2	2.123	62	66	71	rVB	23467	35188	4.80%	0.725%
3	2.421	109	115	120	rBV	39531	89375	12.20%	1.842%
4	2.531	130	133	139	rVB	26595	34285	4.68%	0.707%
5	3.464	283	286	288	rVB	81294	62571	8.54%	1.290%
6	3.836	340	347	359	rBV3	17448	61014	8.33%	1.258%
7	6.396	759	767	788	rVB3	56663	244525	33.38%	5.041%
8	7.628	957	969	972	rBV	39907	110413	15.07%	2.276%
9	7.683	972	978	988	rVB2	176022	424641	57.97%	8.754%
10	8.049	1030	1038	1053	rBV2	41396	126980	17.33%	2.618%
11	8.603	1120	1129	1140	rBV	185315	535739	73.13%	11.044%
12	8.701	1141	1145	1147	rBV2	15063	21552	2.94%	0.444%
13	10.103	1367	1375	1381	rBV	305811	718731	98.12%	14.817%
14	11.420	1583	1591	1609	rBV	248732	732536	100.00%	15.101%
15	12.414	1742	1754	1763	rBV2	222300	446291	60.92%	9.200%
16	12.731	1801	1806	1809	rBV4	5476	8341	1.14%	0.172%
17	12.993	1845	1849	1854	rVB2	4865	7656	1.05%	0.158%
18	13.346	1901	1907	1917	rVB	265365	446852	61.00%	9.212%
19	13.669	1957	1960	1966	rVB2	11724	17387	2.37%	0.358%
20	13.883	1989	1995	2002	rBV2	14723	23687	3.23%	0.488%
21	15.297	2219	2227	2232	rBV	8404	15825	2.16%	0.326%

Sum of corrected areas: 4850838

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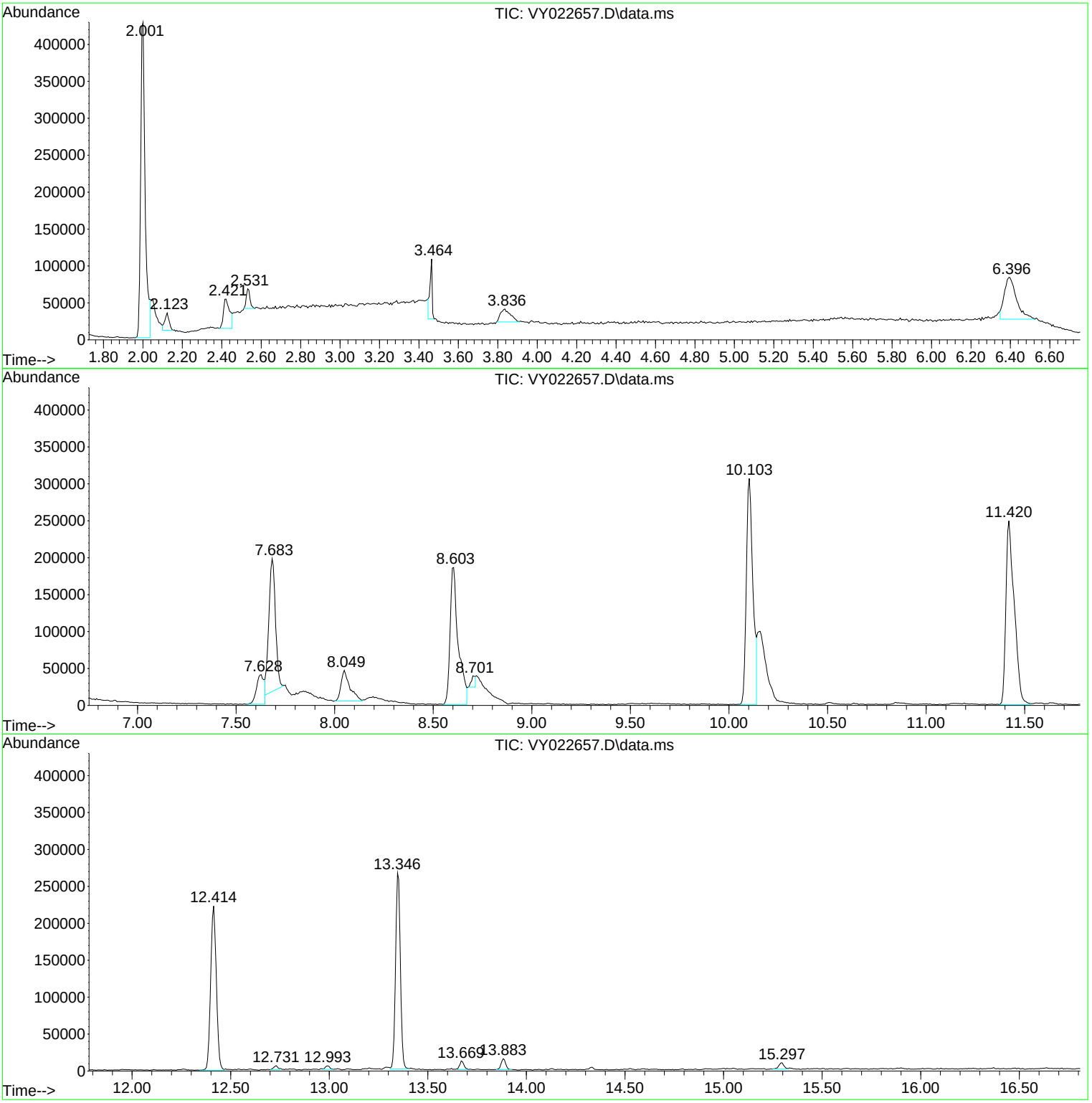
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-36-060525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.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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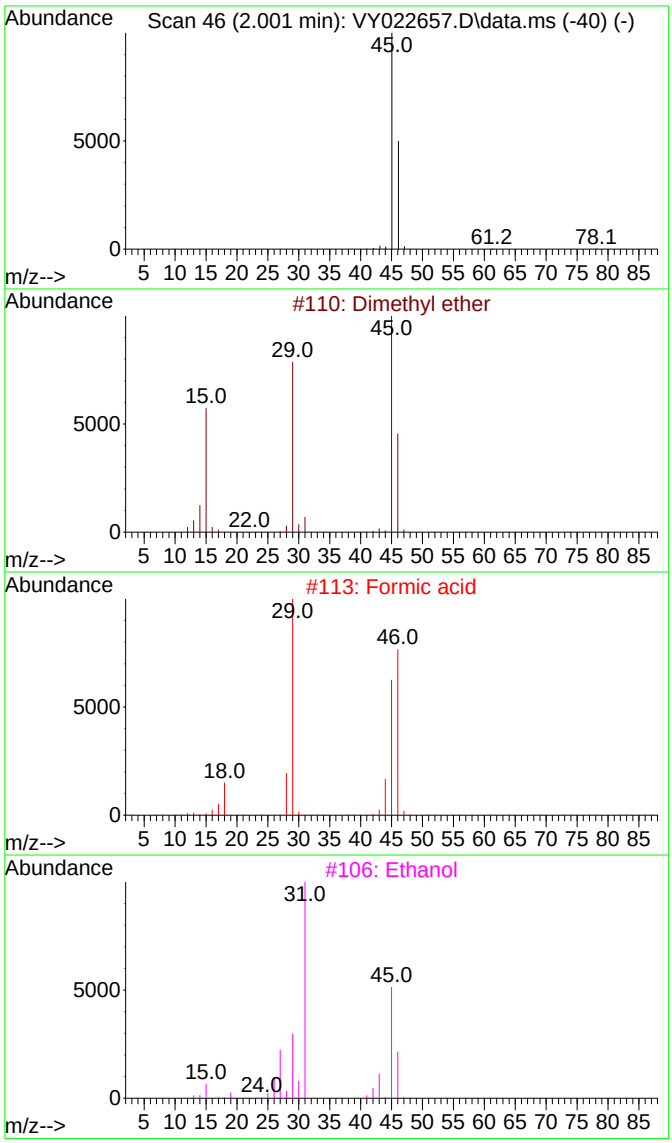
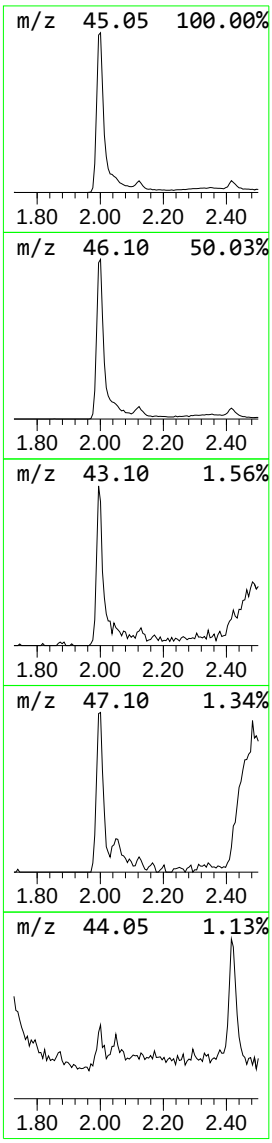
****
Peak Number 1 Dimethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.001	80.92 ug/l	687249	Pentafluorobenzene	7.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
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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MSVOA_Y
ClientSampleId :
OU4-PCS-TC-36-060525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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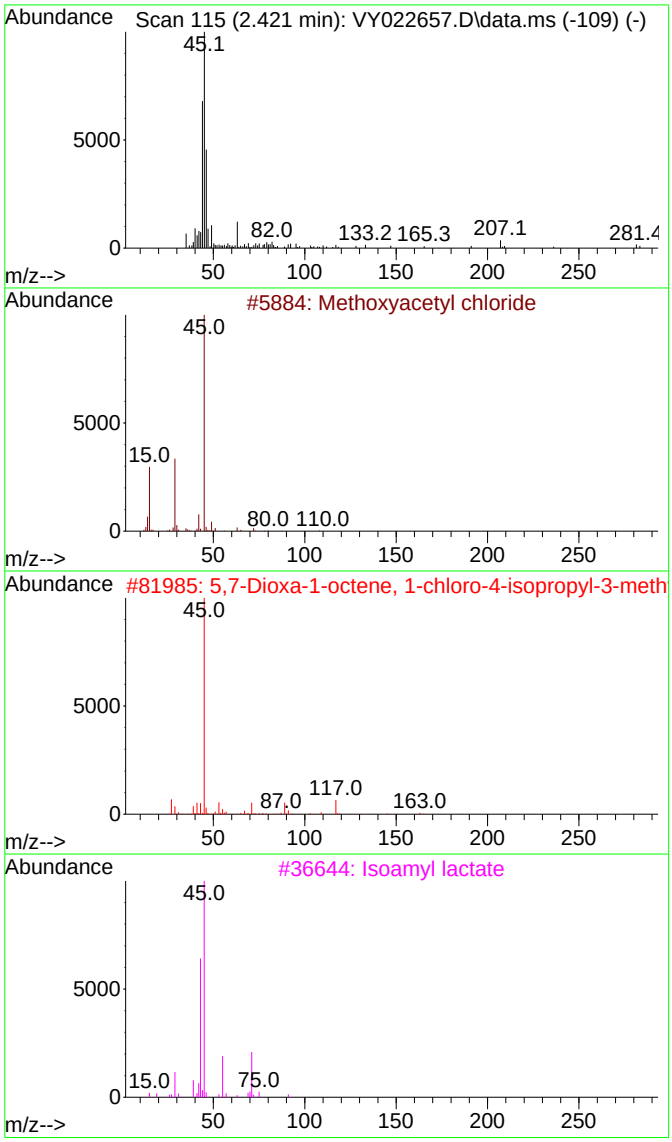
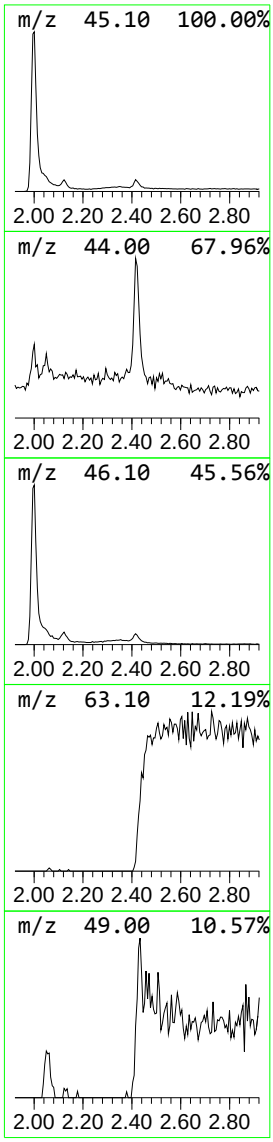
Peak Number 2 unknown2.421 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.421	10.52 ug/l	89375	Pentafluorobenzene	7.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetyl chloride	108	C3H5ClO2	038870-89-2	25
2	5,7-Dioxa-1-octene, 1-chloro-4-i...	206	C10H19ClO2	1000157-79-2	12
3	Isoamyl lactate	160	C8H16O3	019329-89-6	12
4	1-Methoxy-5-heptafluorobutyrylox...	328	C11H15F7O3	1000216-63-3	12
5	Amphetamine	135	C9H13N	000300-62-9	10





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MSVOA_Y
ClientSampleId :
OU4-PCS-TC-36-060525

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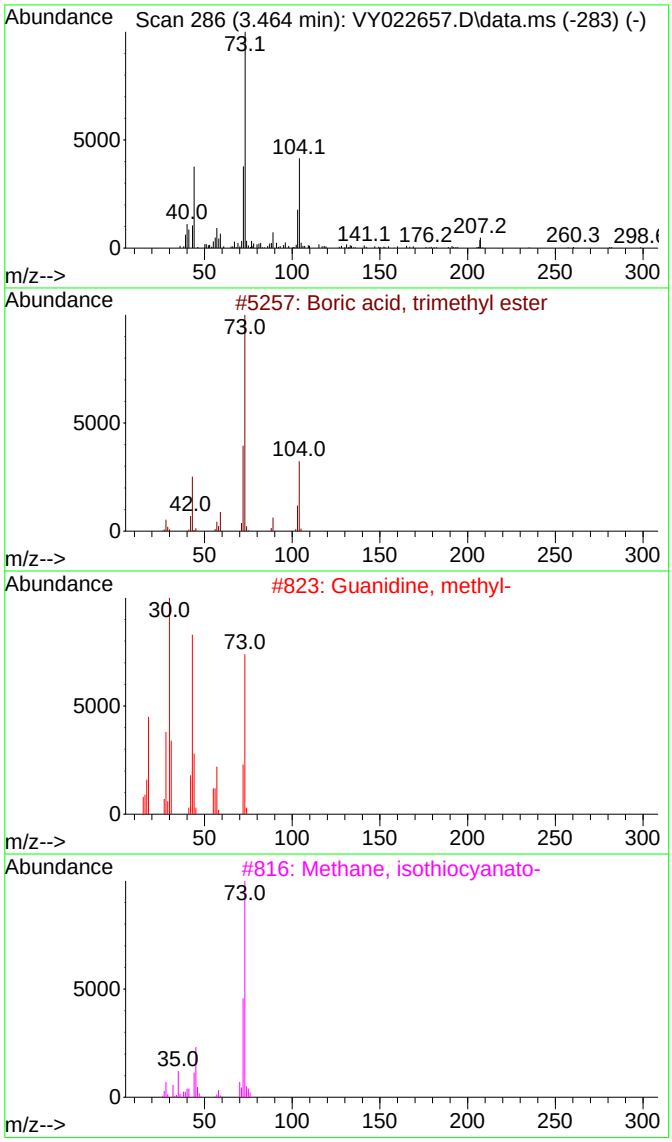
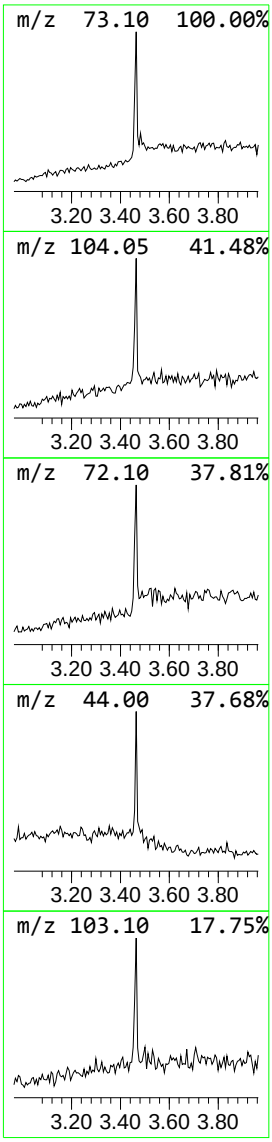
Peak Number 3 Boric acid, trimethyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.464	7.37 ug/l	62571	Pentafluorobenzene	7.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	68
2	Guanidine, methyl-	73	C2H7N3	000471-29-4	12
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	10
4	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	10





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-36-060525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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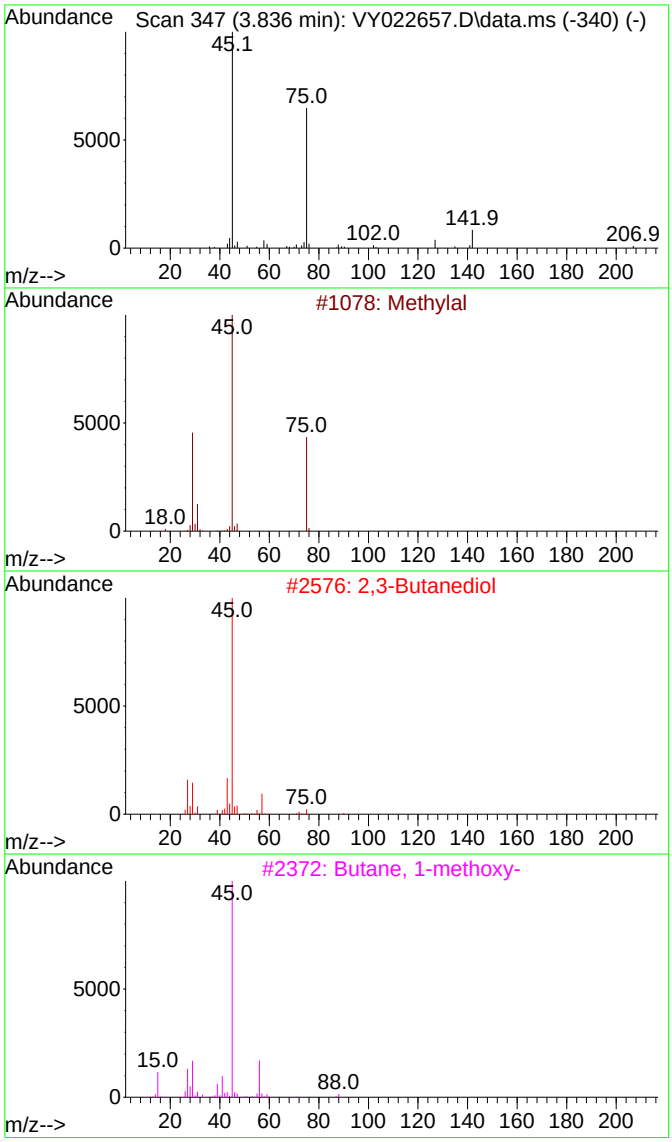
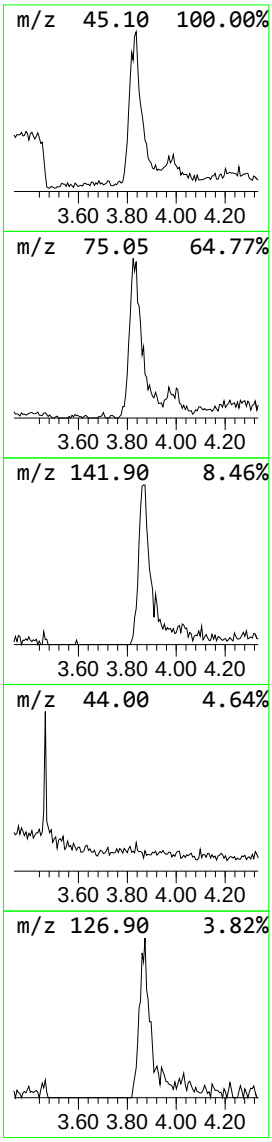
Peak Number 4 unknown3.836 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.836	7.18 ug/l	61014	Pentafluorobenzene	7.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	40
2	2,3-Butanediol	90	C4H10O2	000513-85-9	9
3	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9
4	Ethylene glycol, TMS derivative	134	C5H14O2Si	004403-13-8	9
5	1-Phenylpropanol, TBDMS derivative	250	C15H26OSi	136116-42-2	9





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MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
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TIC Library : C:\Database\NIST20.L
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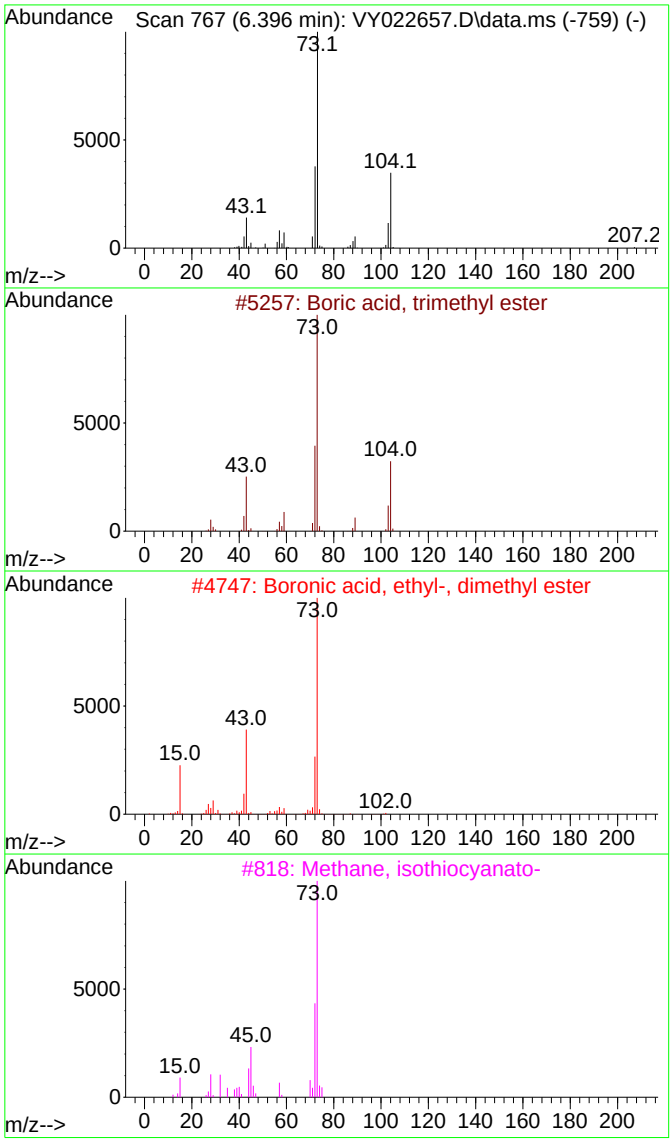
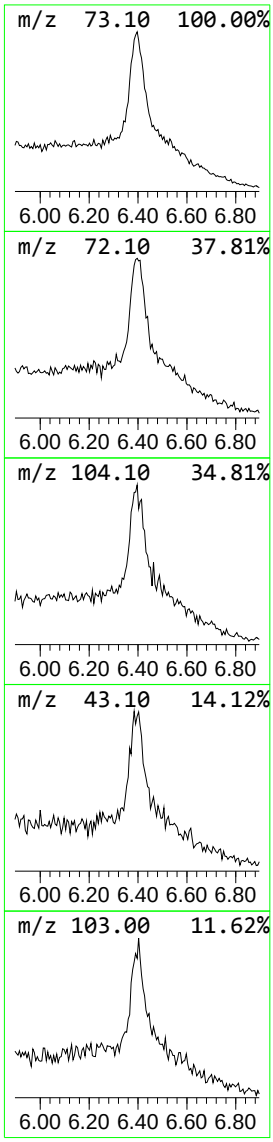
****

Peak Number 5 unknown6.396 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.396	28.79 ug/l	244525	Pentafluorobenzene	7.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	91
2	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	Hydrazine, 2-propenyl-	72	C3H8N2	007422-78-8	9
5	1-Propanamine, 3-methoxy-	89	C4H11NO	005332-73-0	9





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.001	80.9	ug/l	687249	1	7.689	424641	50.0
unknown2.421	2.421	10.5	ug/l	89375	1	7.689	424641	50.0
Boric acid, tri...	3.464	7.4	ug/l	62571	1	7.689	424641	50.0
unknown3.836	3.836	7.2	ug/l	61014	1	7.689	424641	50.0
unknown6.396	6.396	28.8	ug/l	244525	1	7.689	424641	50.0