LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021357.D
Acq On : 27 Feb 2025 14:48
Operator : SY/MD
Sample : Q1422-01
Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01

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\82Y022525S.M
Title : SW846 8260

Signal : TIC: VY021357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	11	17	24	rVB	42677	61208	11.72%	2.191%
2	1.952	33	38	43	rVB2	4032	5626	1.08%	0.201%
3	2.025	45	50	55	rBV2	5368	8387	1.61%	0.300%
4	2.172	66	74	84	rBV2	36626	79223	15.17%	2.836%
5	2.403	107	112	115	rBV4	4501	8561	1.64%	0.306%
6	2.684	153	158	168	rVB3	4172	8646	1.66%	0.309%
7	2.830	178	182	189	rVB3	6569	14055	2.69%	0.503%
8	3.092	218	225	232	rVB6	6219	14806	2.84%	0.530%
9	3.190	232	241	255	rVB4	8511	28480	5.45%	1.019%
10	3.519	287	295	304	rVB6	2656	7189	1.38%	0.257%
11	4.232	404	412	420	rVB3	3544	8613	1.65%	0.308%
12	4.604	463	473	480	rBV3	7131	23801	4.56%	0.852%
13	4.708	480	490	507	rVB2	20475	75397	14.44%	2.699%
14	5.640	634	643	650	rBV7	2405	7899	1.51%	0.283%
15	7.634	959	970	976	rBV	86022	204047	39.08%	7.304%
16	7.707	976	982	994	rVB	126697	291244	55.78%	10.425%
17	8.061	1032	1040	1052	rBV	78794	182237	34.91%	6.523%
18	8.616	1122	1131	1147	rBV	191641	393162	75.31%	14.074%
19	10.103	1368	1375	1383	rBV	298382	522091	100.00%	18.689%
20	10.158	1383	1384	1391	rVB3	3193	5623	1.08%	0.201%
21	11.414	1583	1590	1600	rBV	227776	370476	70.96%	13.261%
22	12.408	1747	1753	1763	rBV2	134670	234116	44.84%	8.380%
23	13.346	1898	1907	1915	rBV	114295	176852	33.87%	6.331%
24	13.883	1989	1995	2003	rVB	38016	61886	11.85%	2.215%

Sum of corrected areas: 2793625

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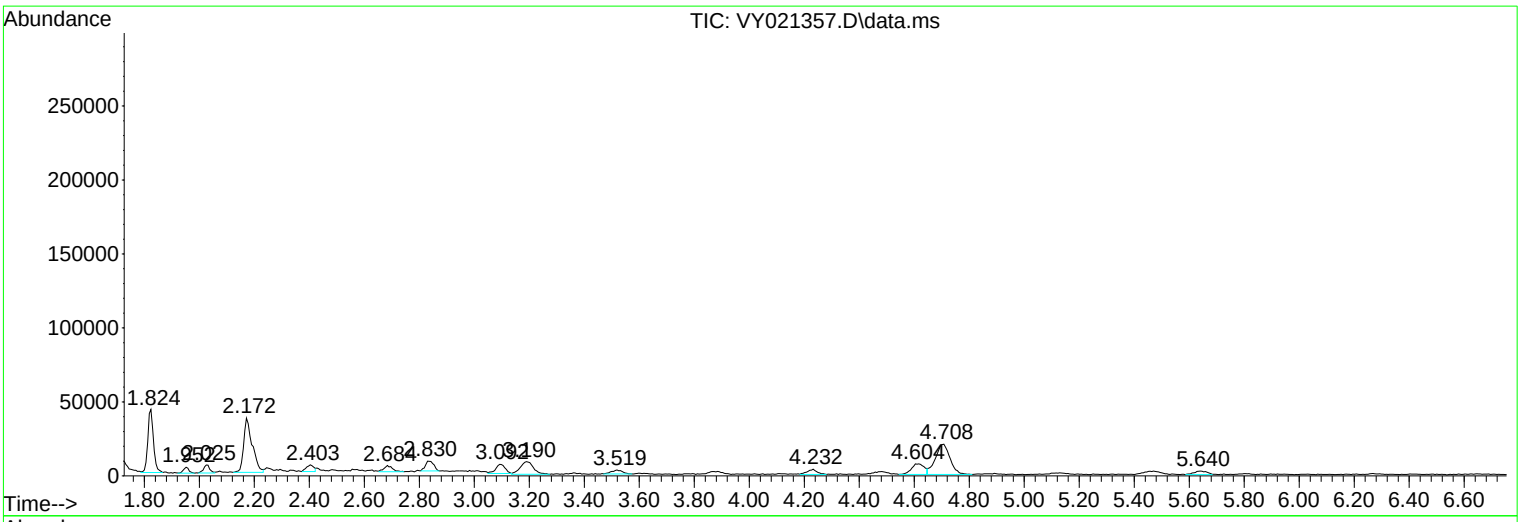
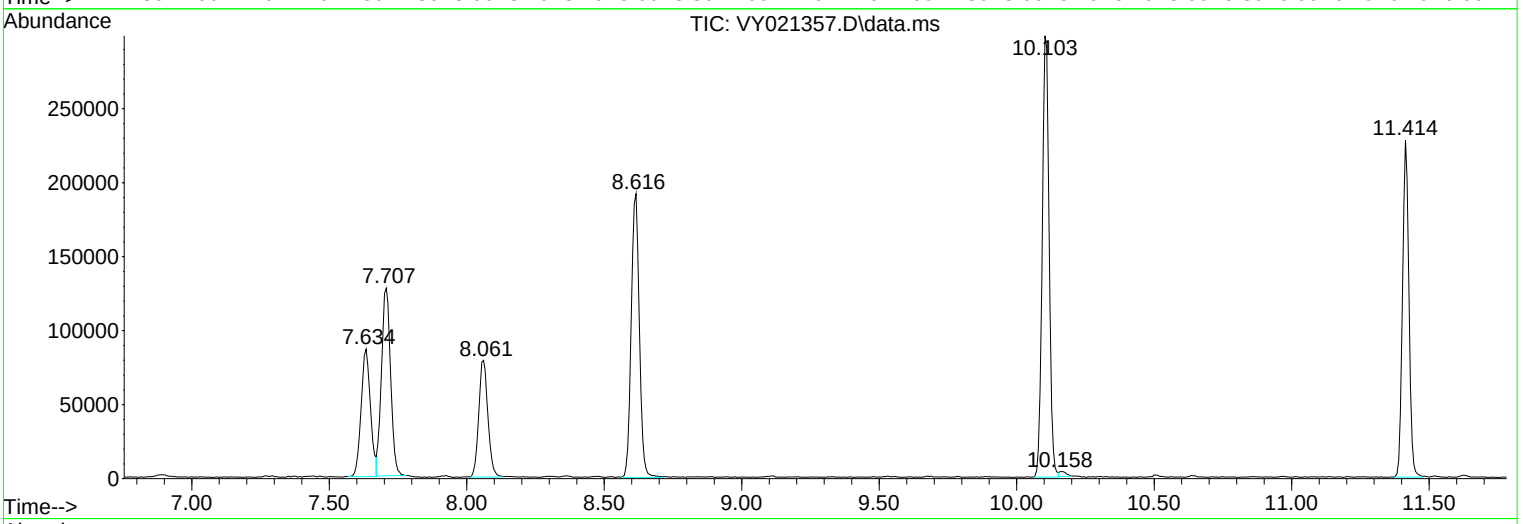
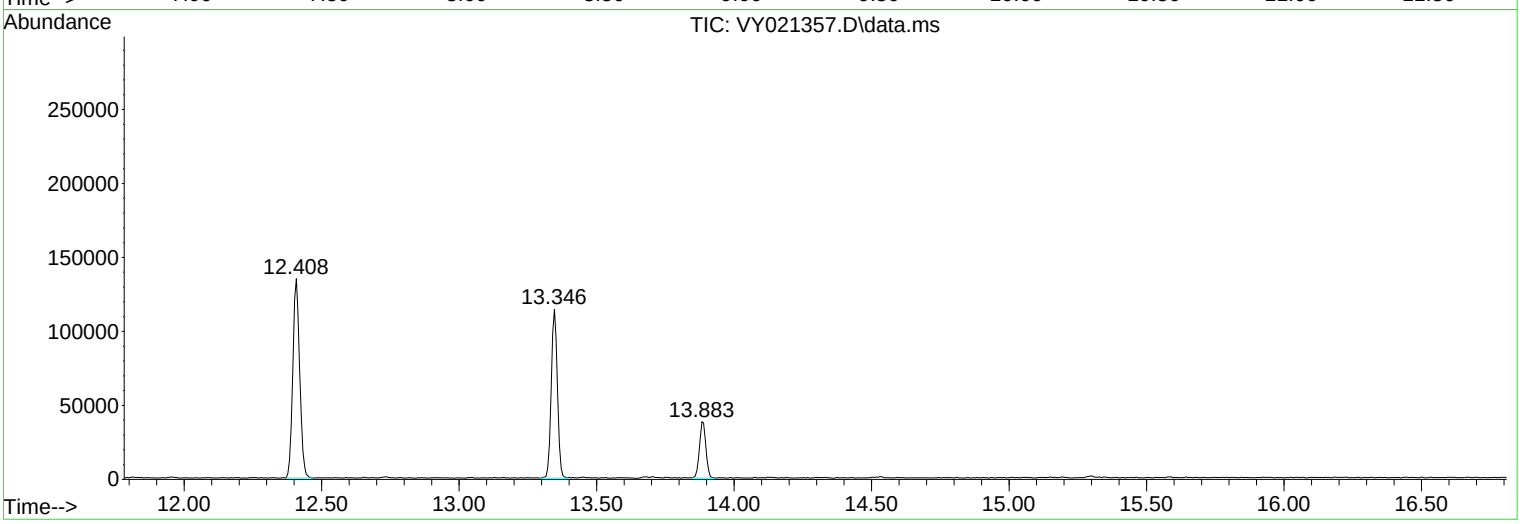
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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







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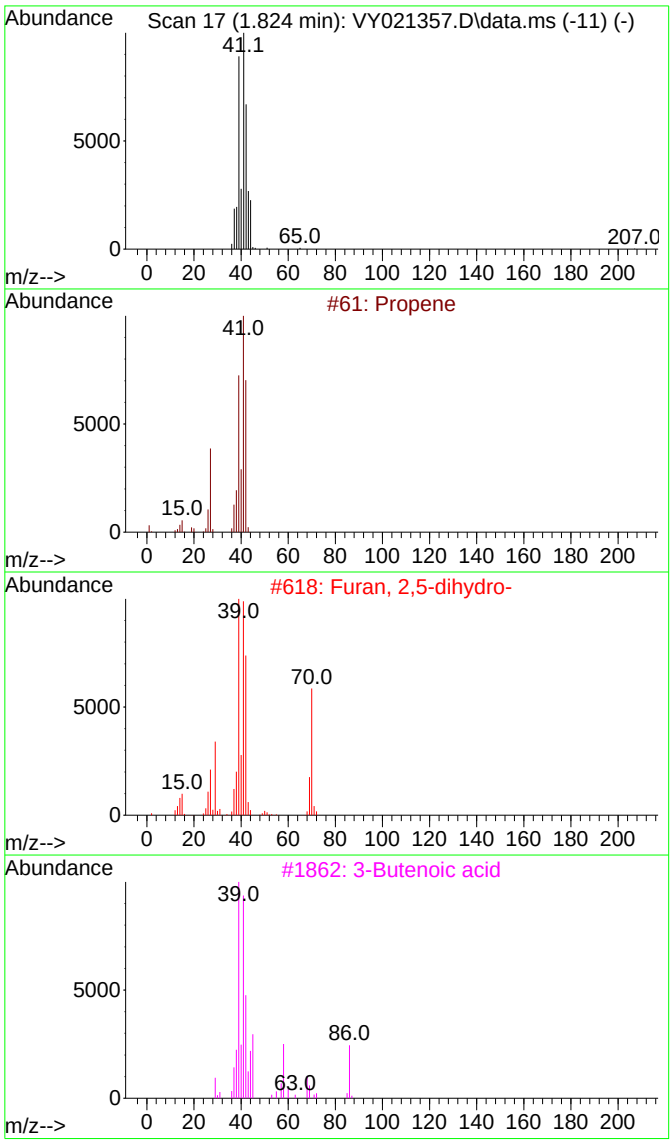
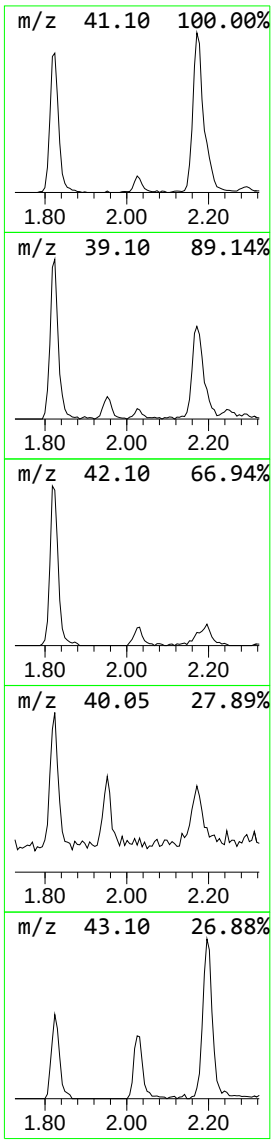
Peak Number 1 Propene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.824	10.51 ug/l	61208	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	74
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	43





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MSVOA_Y
ClientSampleId :
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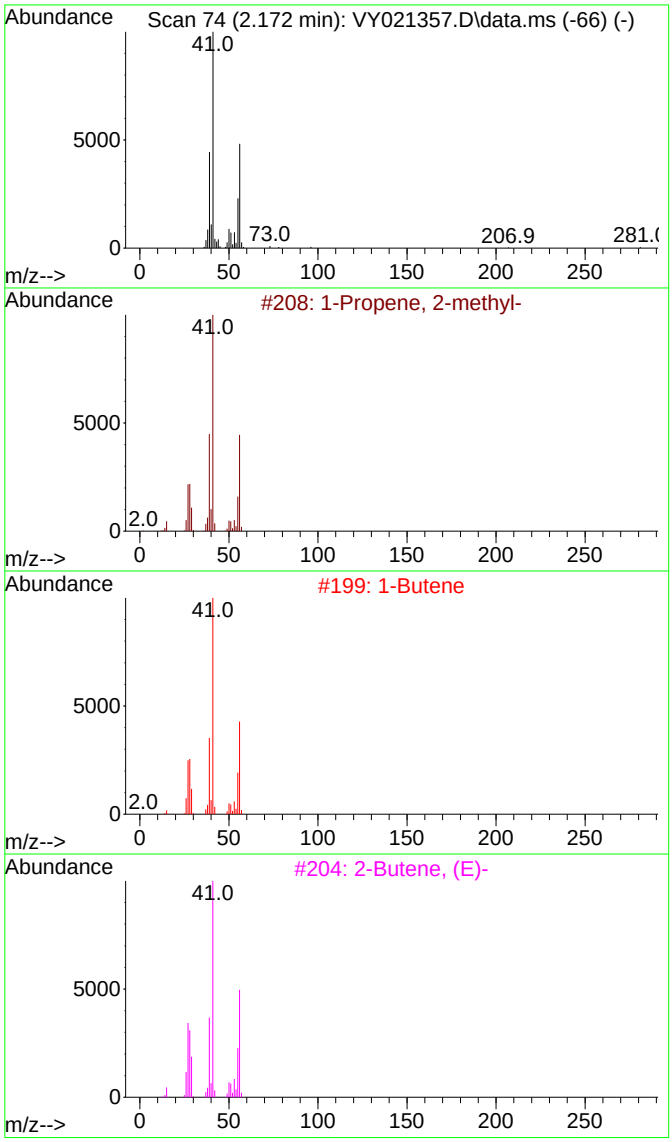
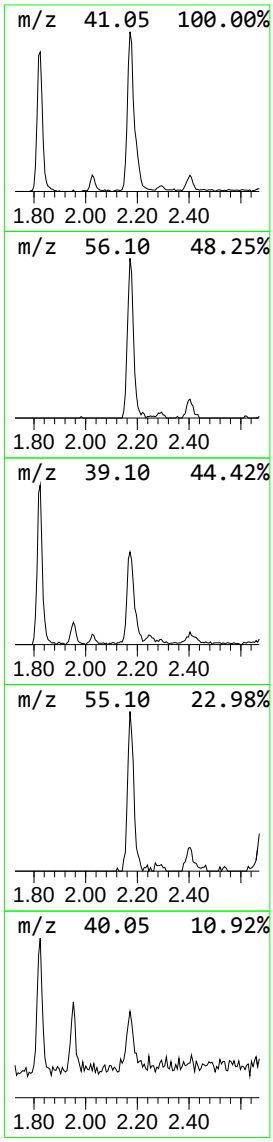
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.172	13.60 ug/l	79223	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	87
3	2-Butene, (E)-	56	C4H8	000624-64-6	80
4	2-Butene, (Z)-	56	C4H8	000590-18-1	80
5	2-Butene	56	C4H8	000107-01-7	72





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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
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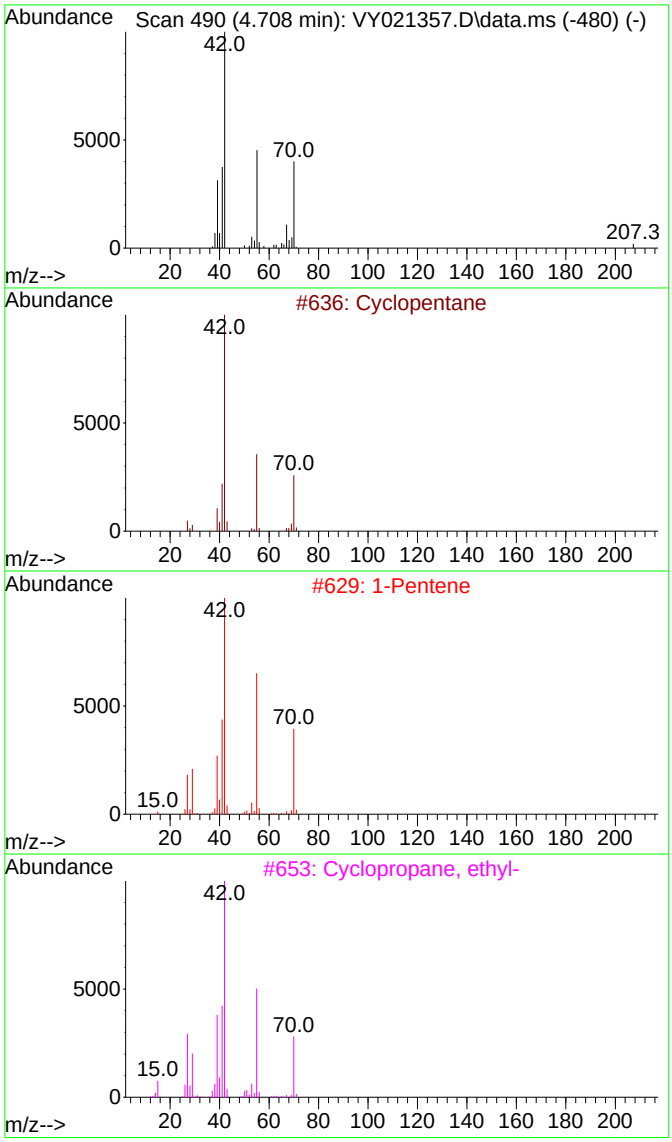
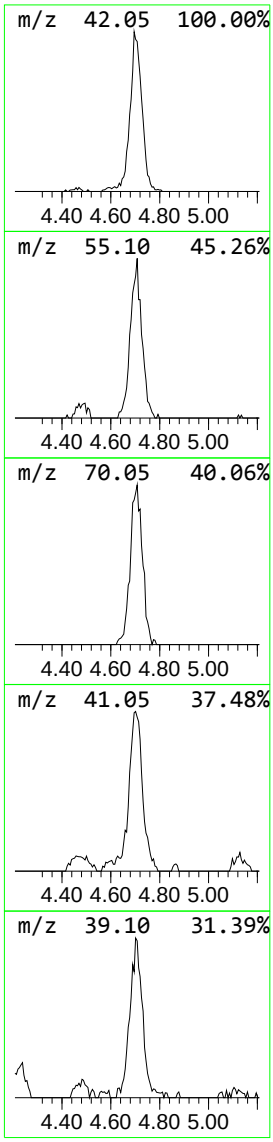
Peak Number 3 Cyclopentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.708	12.94 ug/l	75397	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	1-Pentene	70	C5H10	000109-67-1	59
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	17
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





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TIC Library : C:\Database\NIST20.L
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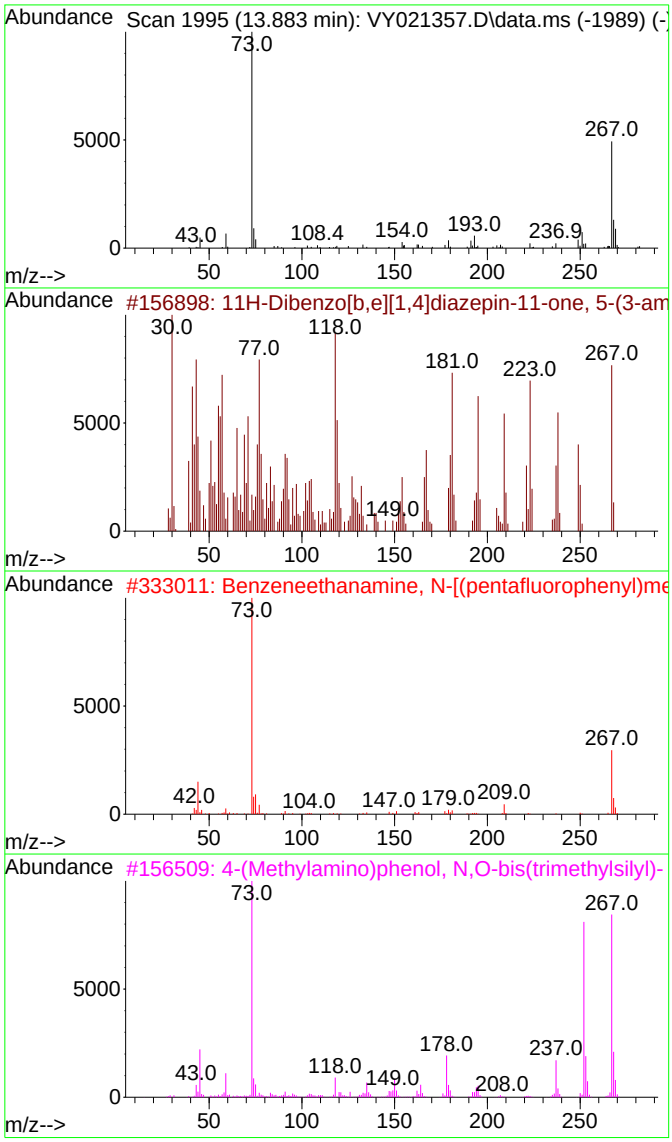
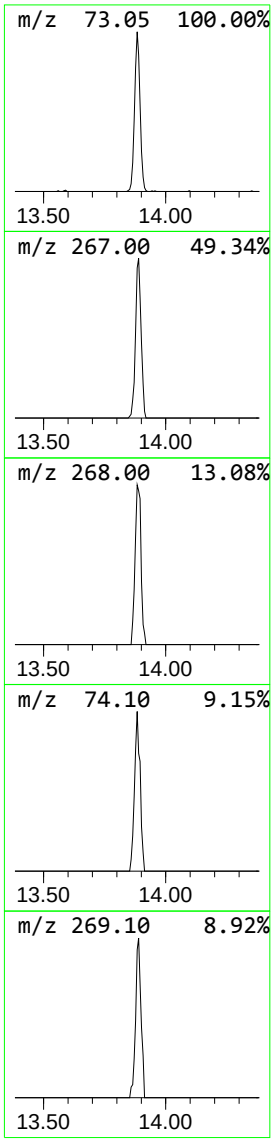
****
Peak Number 4 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.883	17.50 ug/l	61886	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	53
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	50
3	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	50
4	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	45
5	9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	45





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.824	10.5	ug/l	61208	1	7.707	291244	50.0
1-Propene, 2-me...	2.172	13.6	ug/l	79223	1	7.707	291244	50.0
Cyclopentane	4.708	12.9	ug/l	75397	1	7.707	291244	50.0
11H-Dibenzo[b,e...	13.883	17.5	ug/l	61886	4	13.346	176852	50.0