

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037734.D
 Acq On : 30 Sep 2021 9:20
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.001

Max Peaks: 200

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

Signal : TIC: VL037734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.873	14	27	57	rBV	2883912	6153842	55.69%	11.316%
2	5.169	730	741	756	rBV3	194782	428624	3.88%	0.788%
3	5.658	879	893	918	rBV2	2056046	4634419	41.94%	8.522%
4	7.163	1345	1361	1388	rBV	3933119	8764554	79.31%	16.116%
5	7.471	1444	1457	1482	rBV3	295057	755721	6.84%	1.390%
6	10.420	2358	2374	2388	rBV5	211567	549014	4.97%	1.010%
7	11.687	2745	2768	2788	rBV2	548531	1517837	13.74%	2.791%
8	12.069	2869	2887	2912	rBV2	3966309	9990812	90.41%	18.371%
9	14.397	3590	3611	3665	rBV2	3683242	11050737	100.00%	20.320%
10	16.966	4386	4410	4436	rBV2	2387963	7219016	65.33%	13.274%
11	18.342	4820	4838	4839	rBV4	117741	177596	1.61%	0.327%
12	18.349	4839	4840	4855	rVB5	99778	124645	1.13%	0.229%
13	21.468	5790	5810	5831	rBV2	915347	3016072	27.29%	5.546%

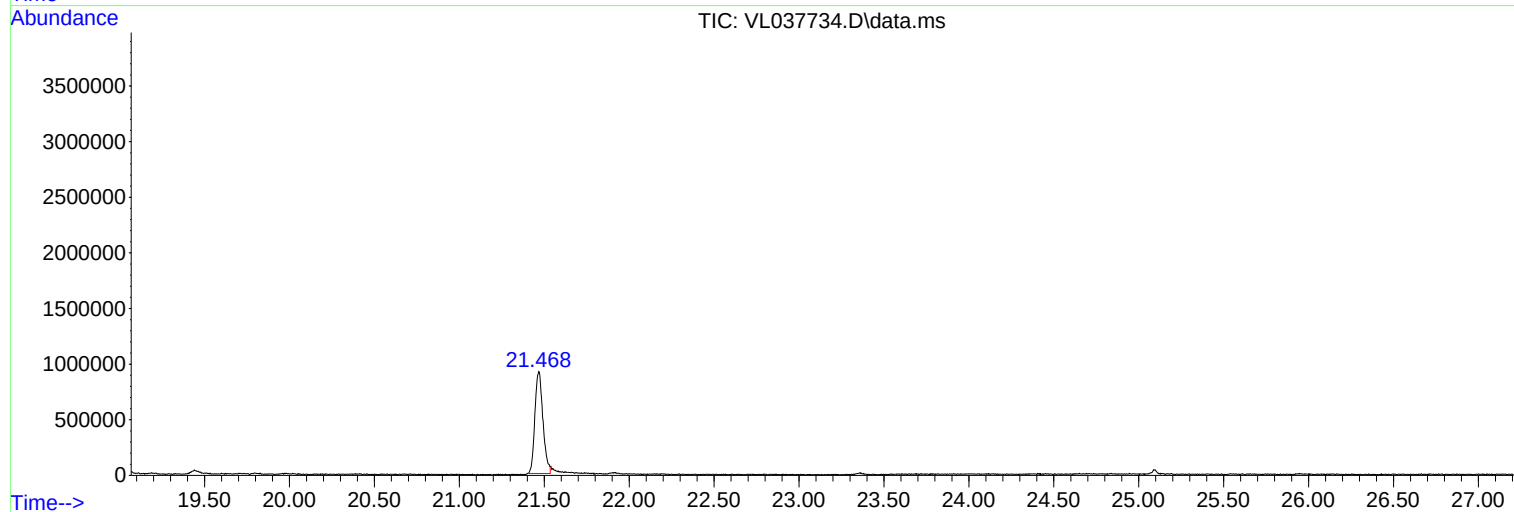
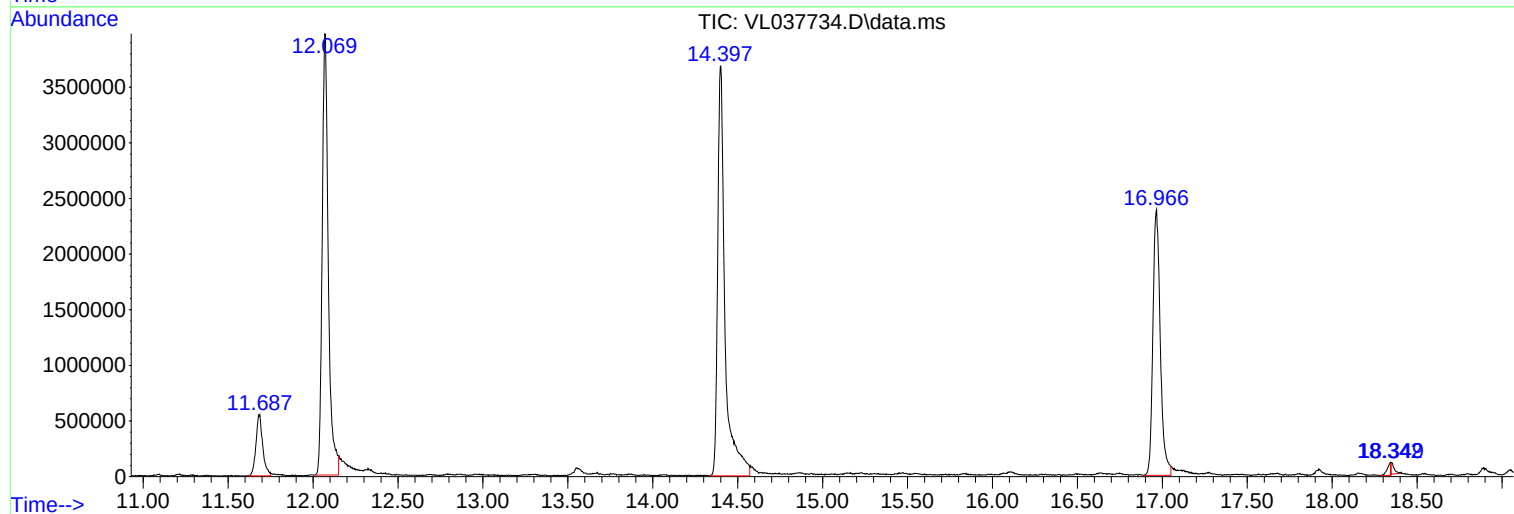
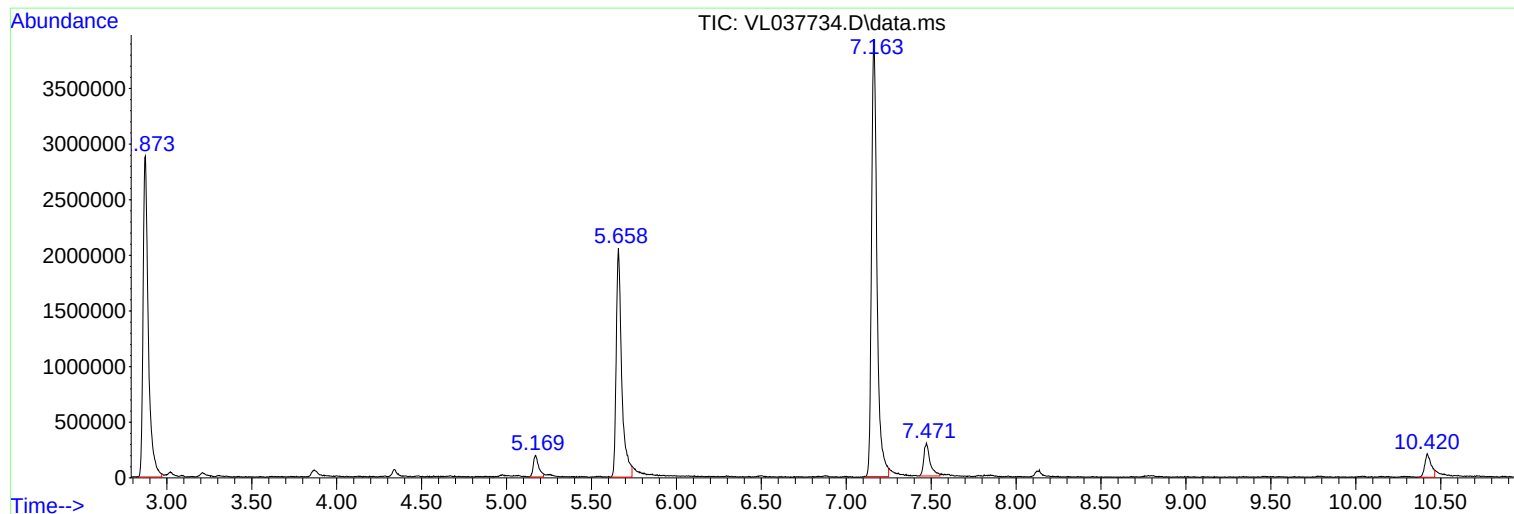
Sum of corrected areas: 54382889

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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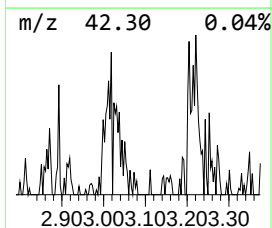
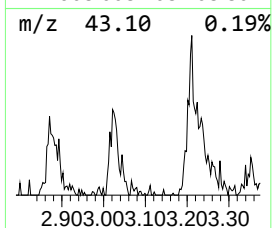
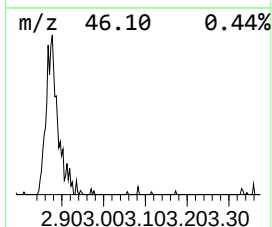
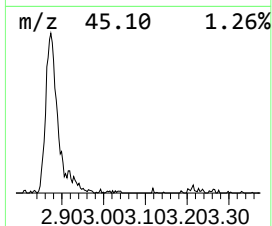
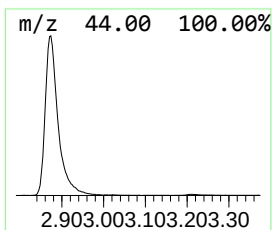
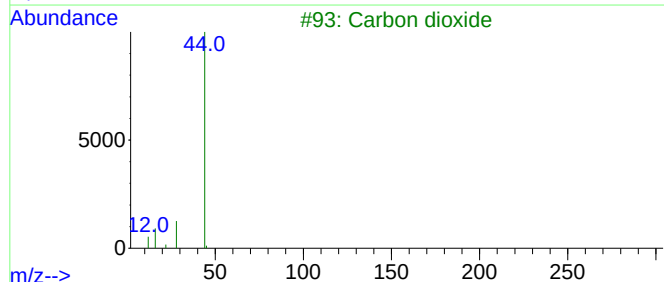
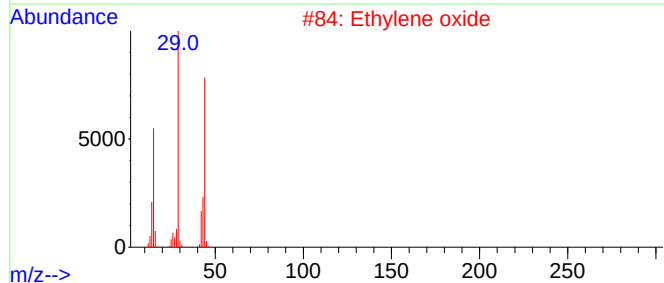
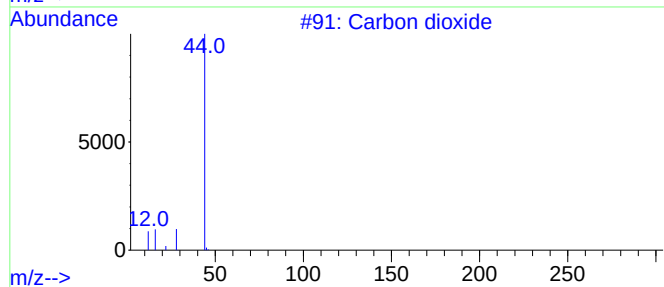
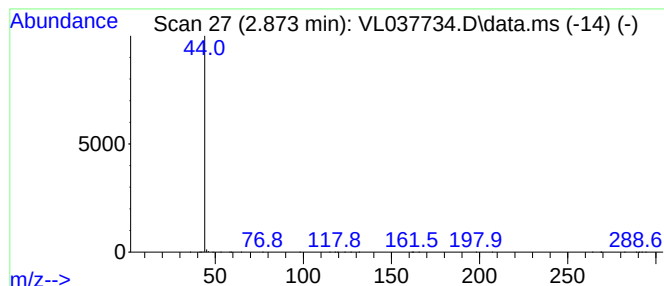
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

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

Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.873	13.28 ppbv	6153840	Bromochloromethane	5.658

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon dioxide	44	CO2	000124-38-9	4
2			Ethylene oxide	44	C2H4O	000075-21-8	3
3			Carbon dioxide	44	CO2	000124-38-9	3
4			Carbon dioxide	44	CO2	000124-38-9	3
5			Nitrous oxide	44	N2O	010024-97-2	3



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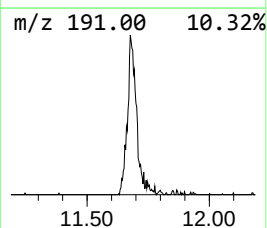
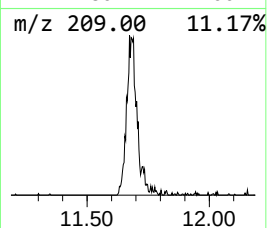
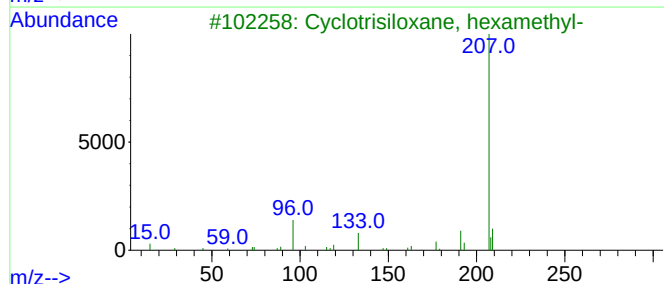
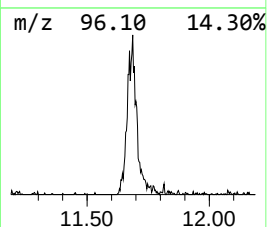
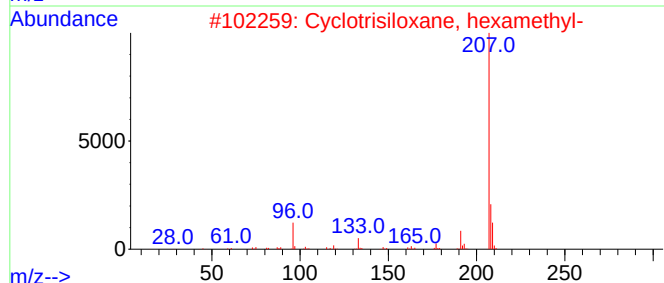
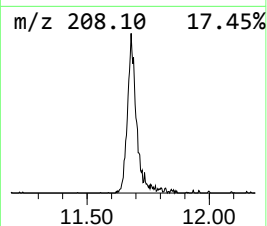
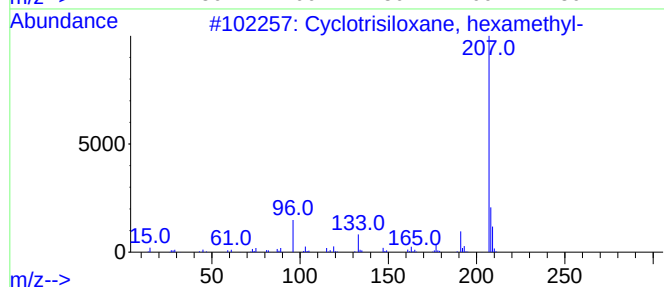
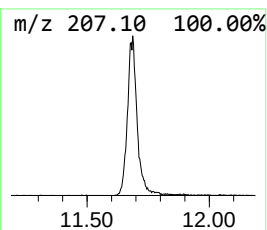
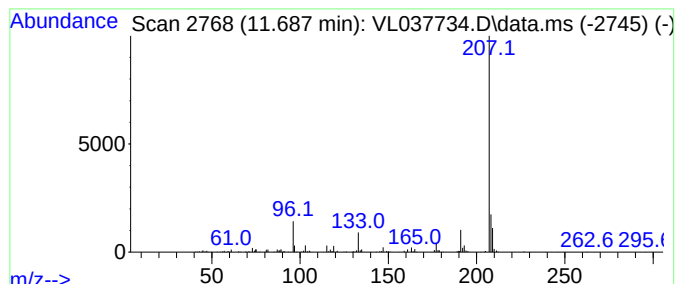
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Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	1.52 ppbv	1517840	Chlorobenzene-d5	12.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
4			4(15)-Selinene-11,12-diol	238	C15H26O2	073035-82-2	47
5			1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	45



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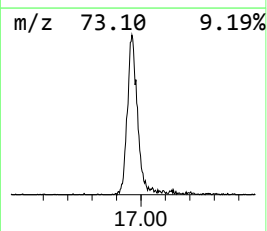
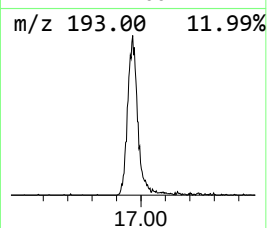
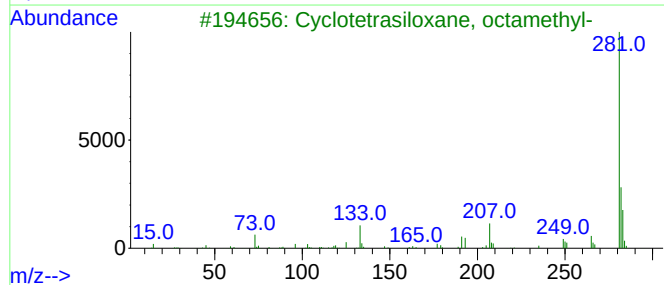
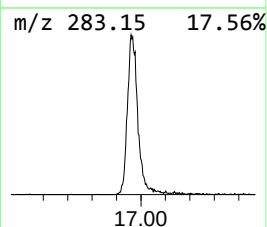
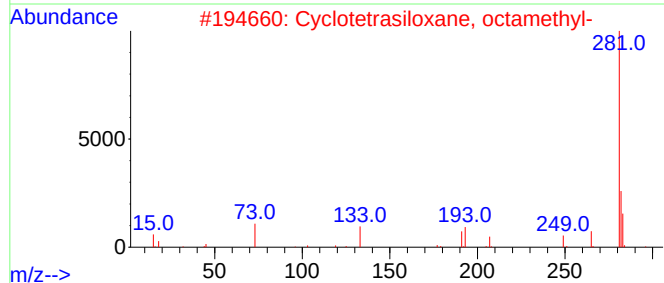
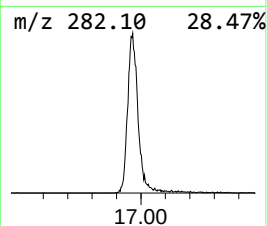
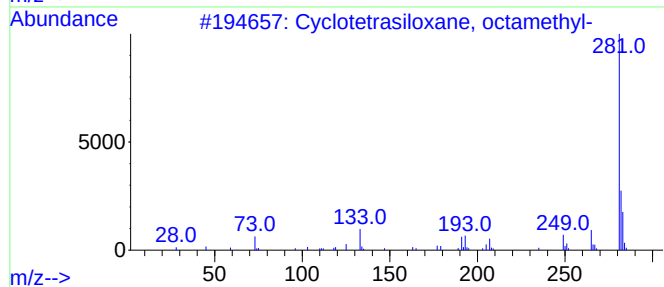
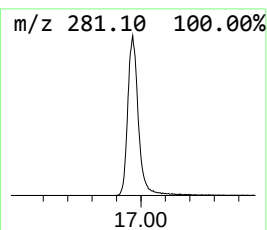
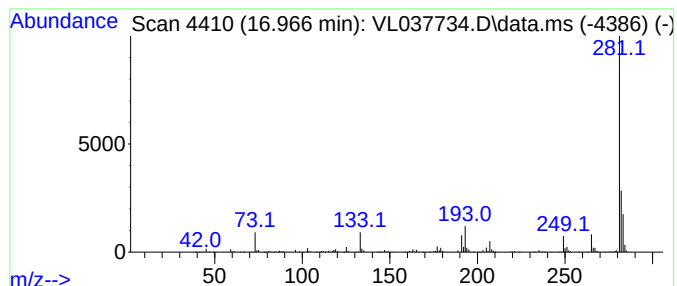
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Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	7.23 ppbv	7219020	Chlorobenzene-d5	12.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
2			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
5			7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	59



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ClientSampleId :
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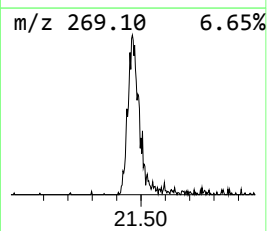
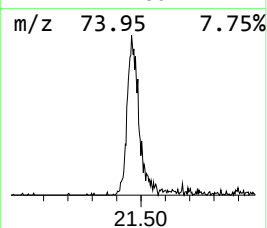
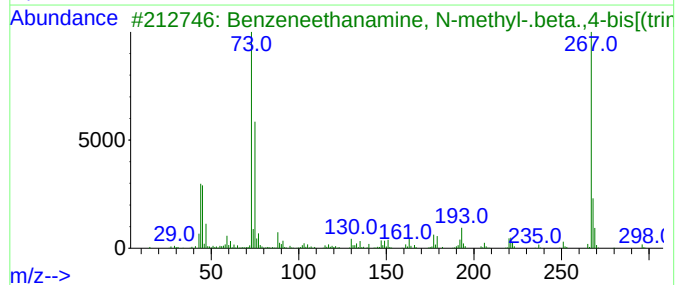
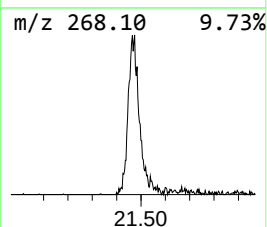
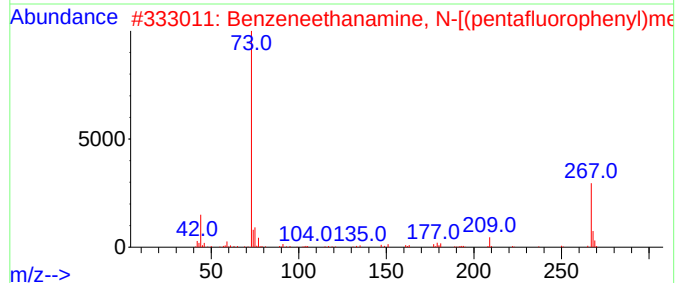
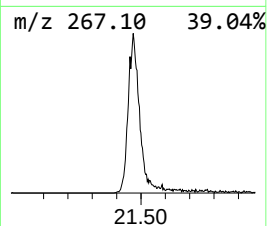
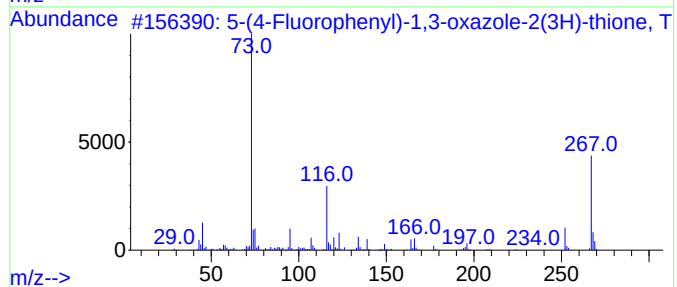
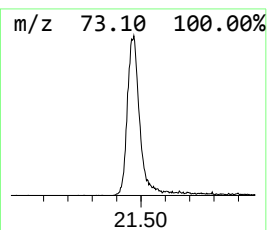
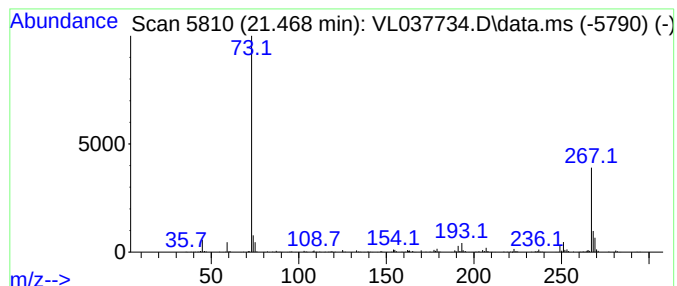
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Peak Number 4 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.468	3.02 ppbv	3016070	Chlorobenzene-d5	12.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
2			Benzeneethanamine, N-[(pentaflu...	475	C21H26F5NO2Si2	055429-85-1	59
3			Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	50
4			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	49
5			5-(3-Pyridinyl)-1,3,4-thiadiazol...	267	C10H13N3S2Si	1000471-43-6	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Carbon dioxide	2.873	13.3	ppbv	6153840	1	5.658	4634420	10.0
Cyclotrisiloxan...	11.687	1.5	ppbv	1517840	3	12.073	9990810	10.0
Cyclotetrasilox...	16.966	7.2	ppbv	7219020	3	12.073	9990810	10.0
5-(4-Fluorophen...	21.468	3.0	ppbv	3016070	3	12.073	9990810	10.0