LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
Data File : VY005027.D
Acq On : 08 Jun 2021 16:59
Operator : SY/MD
Sample : M2625-18
Misc : 7.16G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 18-B12(206-210)

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\82Y060221S.M
Title : SW846 8260

Signal : TIC: VY005027.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	4	8	26	rVB	176038	336938	25.76%	4.846%
2	2.076	40	42	51	rVB	14599	22092	1.69%	0.318%
3	2.229	61	67	77	rVB2	52357	136185	10.41%	1.959%
4	2.466	100	106	112	rBV2	7845	16555	1.27%	0.238%
5	2.911	173	179	188	rVB2	9779	22238	1.70%	0.320%
6	3.180	214	223	228	rBV	14198	31680	2.42%	0.456%
7	3.259	229	236	251	rVB2	23931	72806	5.57%	1.047%
8	3.606	285	293	304	rVB6	4678	13469	1.03%	0.194%
9	3.960	343	351	364	rVB	8703	27119	2.07%	0.390%
10	4.734	465	478	497	rBV4	29275	127048	9.71%	1.827%
11	5.588	604	618	630	rBV7	6354	28292	2.16%	0.407%
12	5.759	635	646	657	rBV2	8156	26200	2.00%	0.377%
13	7.728	959	969	974	rBV2	126338	295656	22.60%	4.253%
14	7.795	974	980	997	rVB	216042	499235	38.16%	7.181%
15	8.148	1027	1038	1048	rBV	132965	292976	22.40%	4.214%
16	8.551	1096	1104	1115	rVB4	6688	15735	1.20%	0.226%
17	8.697	1118	1128	1143	rBV	357170	694310	53.07%	9.987%
18	9.264	1215	1221	1232	rVB	11926	23296	1.78%	0.335%
19	10.185	1364	1372	1380	rBV	582234	995450	76.09%	14.318%
20	10.374	1395	1403	1409	rVB	8733	14071	1.08%	0.202%
21	10.715	1452	1459	1466	rVB2	10469	17823	1.36%	0.256%
22	10.941	1486	1496	1503	rBV	71759	117043	8.95%	1.683%
23	11.495	1580	1587	1597	rBV	531528	863814	66.03%	12.425%
24	12.209	1699	1704	1711	rVB2	19062	27659	2.11%	0.398%
25	12.489	1742	1750	1759	rBV3	736642	1308217	100.00%	18.817%
26	13.275	1870	1879	1887	rBV2	30117	48822	3.73%	0.702%
27	13.428	1894	1904	1910	rBV	524681	814233	62.24%	11.712%
28	13.964	1985	1992	1998	rBV	14408	24003	1.83%	0.345%
29	14.208	2022	2032	2037	rBV2	27133	39408	3.01%	0.567%

Sum of corrected areas: 6952373

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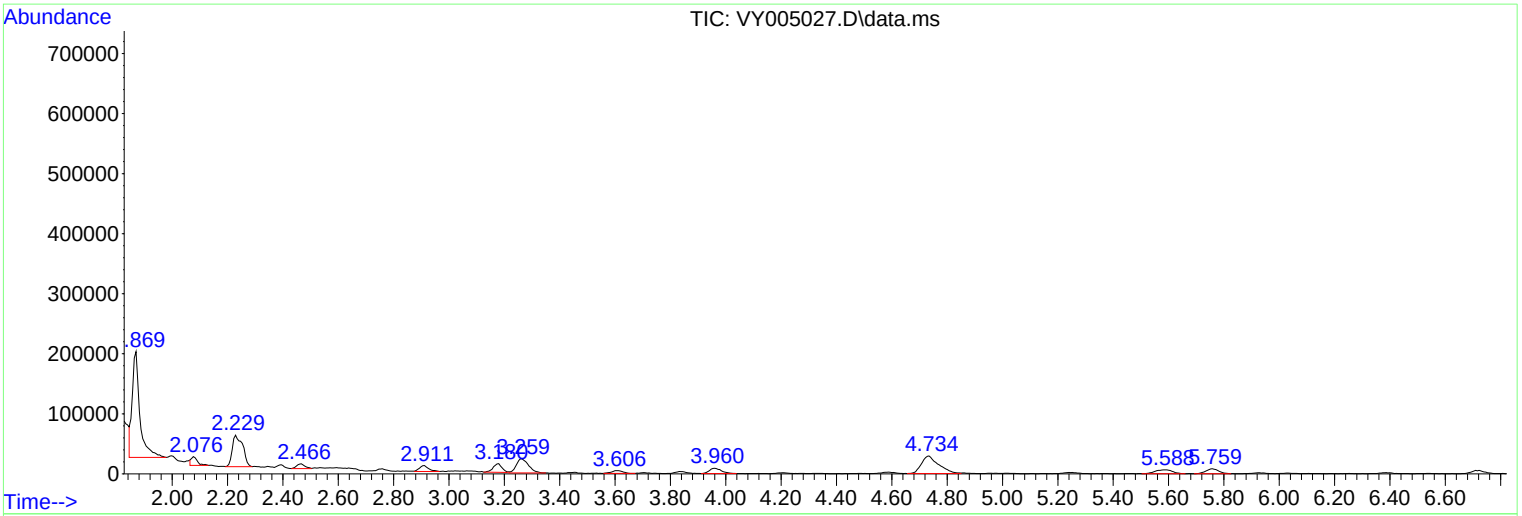
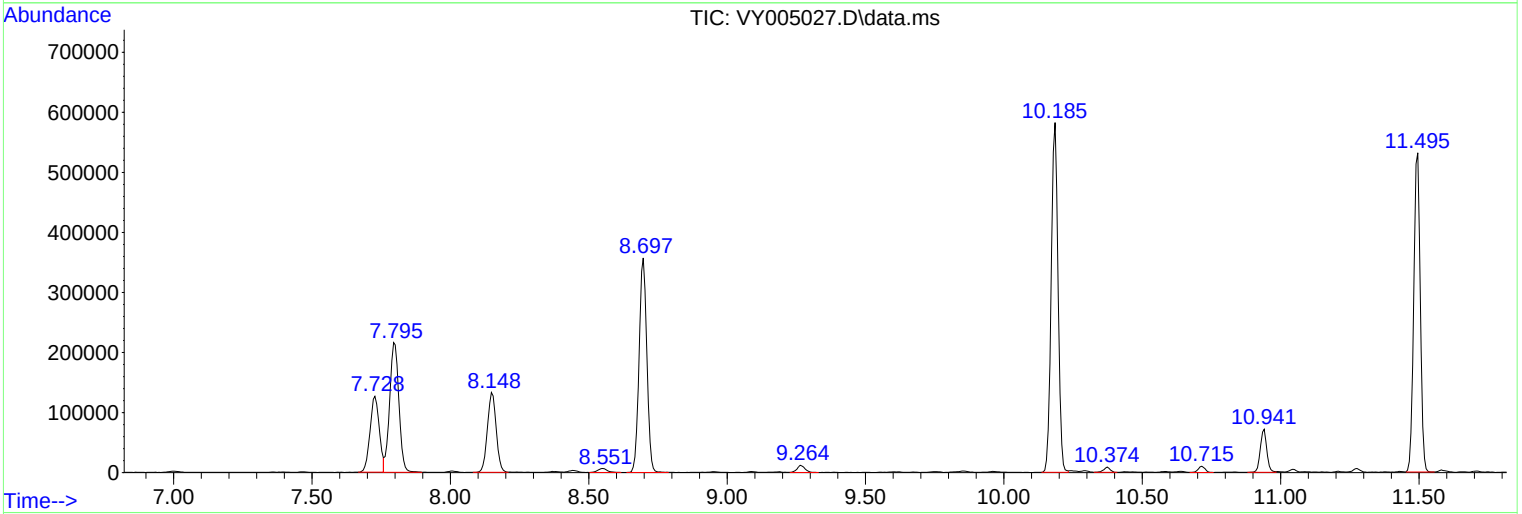
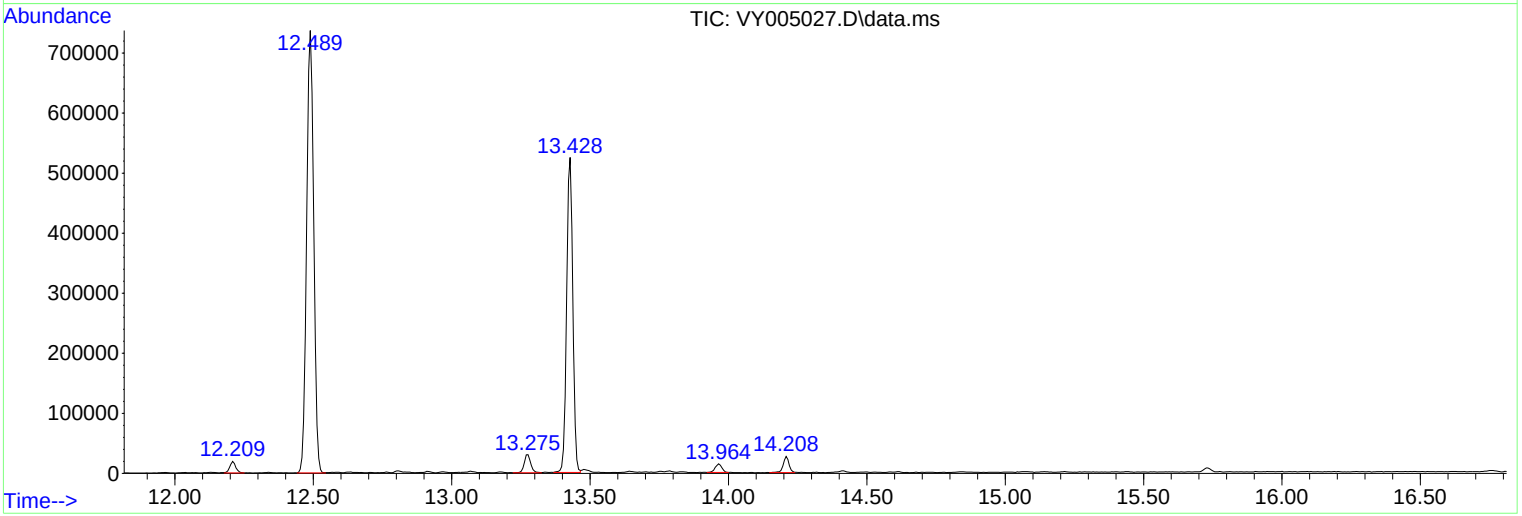
ClientSampleId :
18-B12(206-210)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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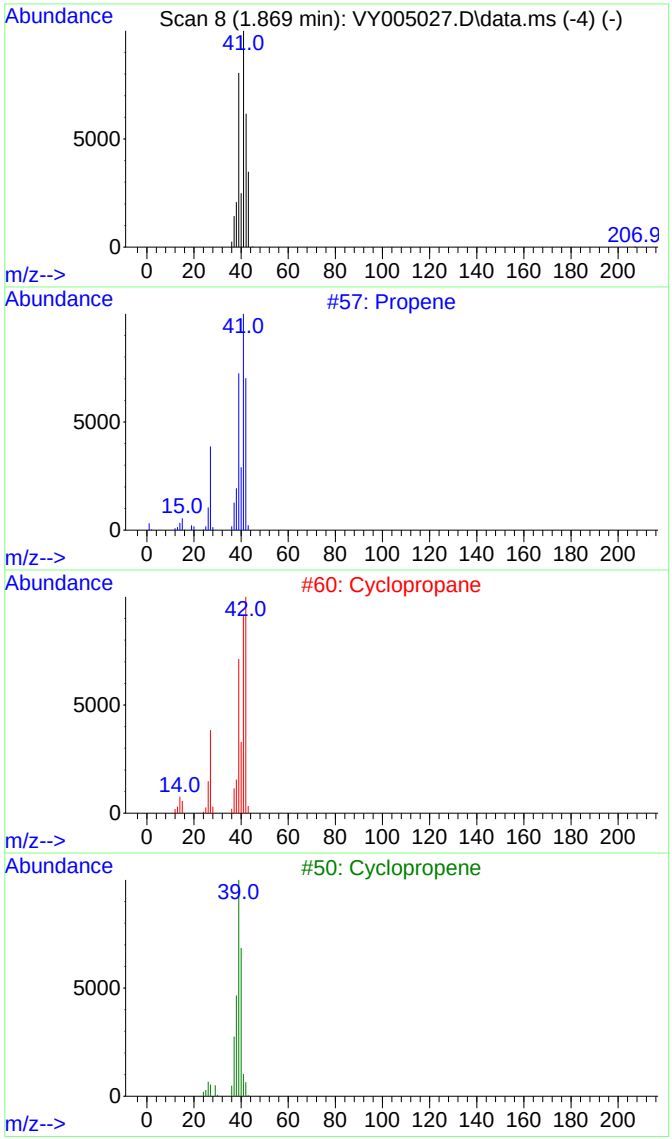
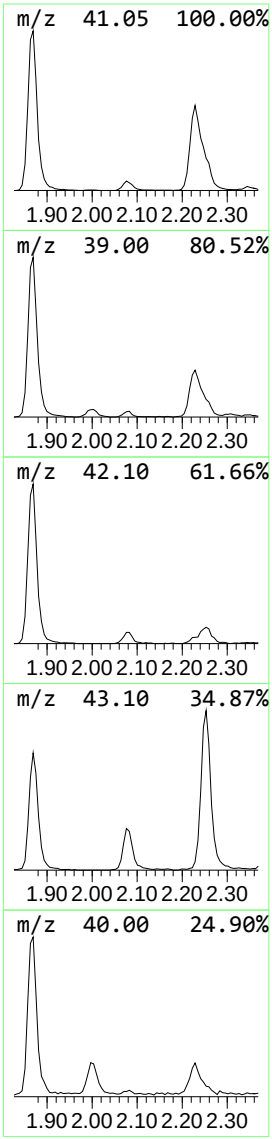
****
Peak Number 1 Propene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.869	33.75 ug/l	336938	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	9
3	Cyclopropene	40	C3H4	002781-85-3	9
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	4-Amino-1-butanol	89	C4H11NO	013325-10-5	2





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ClientSampleId :
18-B12(206-210)

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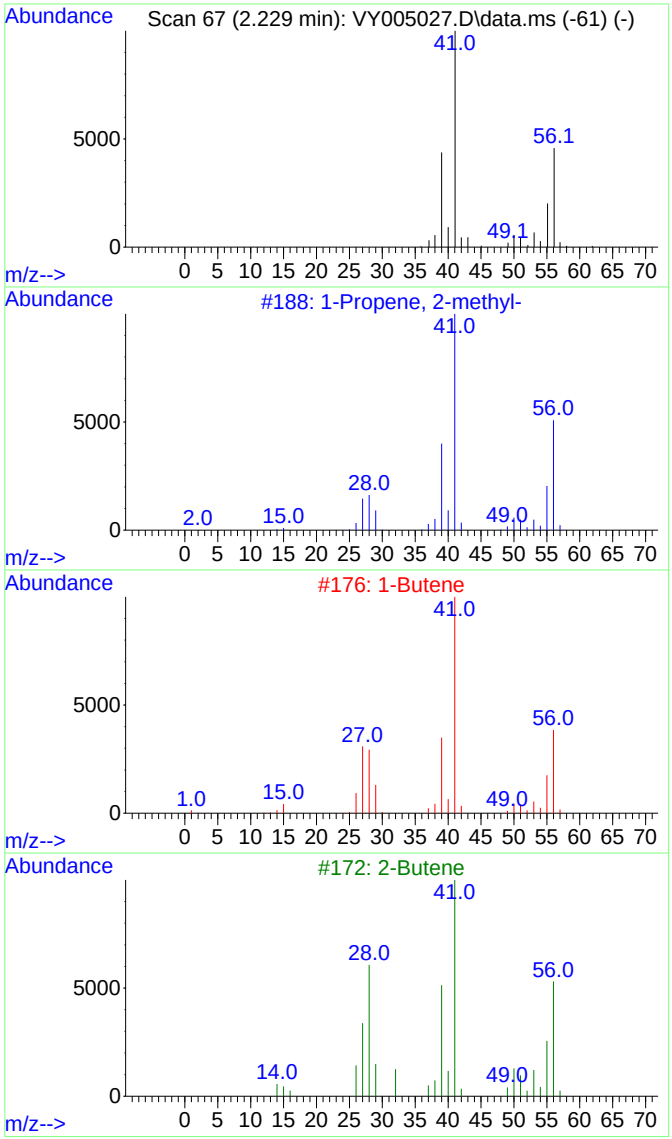
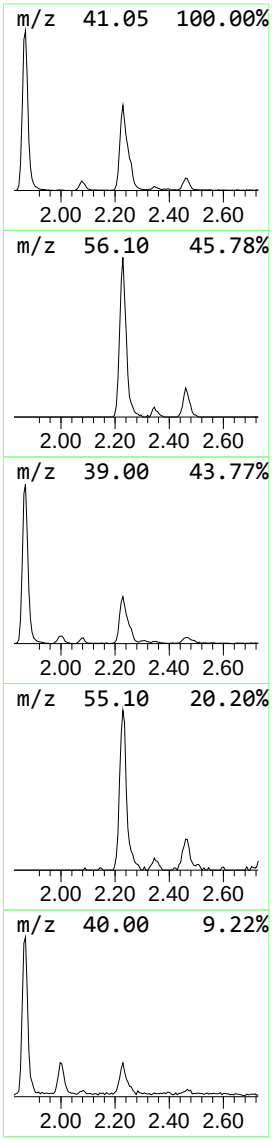
****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.229	13.64 ug/l	136185	Pentafluorobenzene	7.795

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	56	C4H8	000107-01-7	80
4	Cyclobutane	56	C4H8	000287-23-0	52
5	2-Butene, (Z)-	56	C4H8	000590-18-1	52





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MSVOA_Y
ClientSampleId :
18-B12(206-210)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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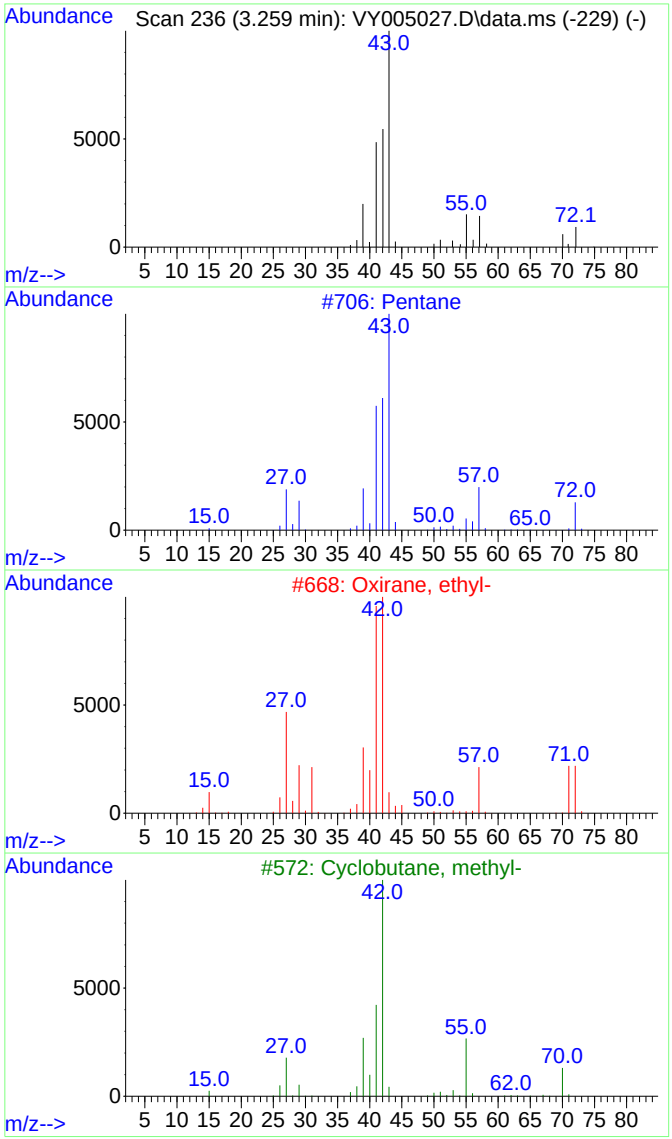
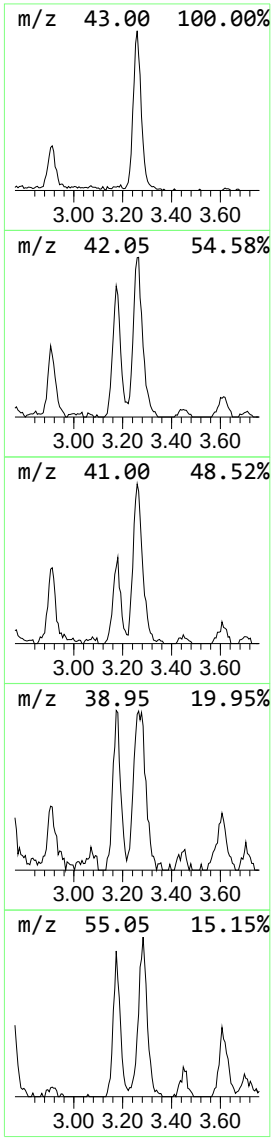
Peak Number 3 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.259	7.29 ug/l	72806	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	9
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	9
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	9





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Instrument :
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18-B12(206-210)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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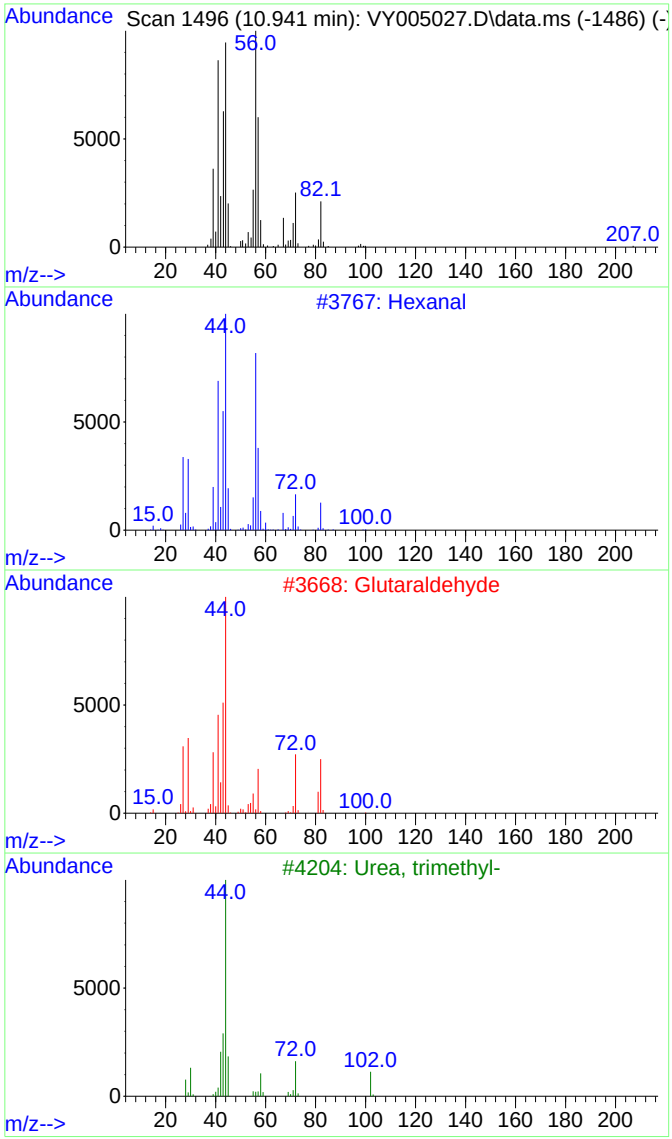
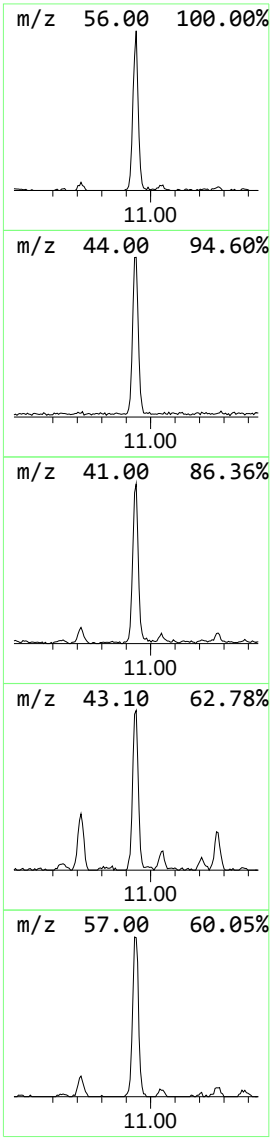
****
Peak Number 5 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.941	6.77 ug/l	117043	Chlorobenzene-d5	11.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Glutaraldehyde	100	C5H8O2	000111-30-8	32
3	Urea, trimethyl-	102	C4H10N2O	000632-14-4	32
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	27
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	27





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.869	33.8	ug/l	336938	1	7.795	499235	50.0
1-Propene, 2-me...	2.229	13.6	ug/l	136185	1	7.795	499235	50.0
Pentane	3.259	7.3	ug/l	72806	1	7.795	499235	50.0
Hexanal	10.941	6.8	ug/l	117043	3	11.495	863814	50.0