

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015722.D
 Acq On : 27 Apr 2020 12:28
 Operator : SY/MD
 Sample : L2413-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	28	rVB	1512345	1423362	100.00%	21.916%
2	1.222	34	41	60	rBV	511468	451825	31.74%	6.957%
3	1.315	61	70	78	rBV3	110506	125656	8.83%	1.935%
4	1.399	79	96	100	rBV3	32596	102758	7.22%	1.582%
5	1.576	145	151	163	rVB	50370	60336	4.24%	0.929%
6	1.643	165	172	185	rVB	93444	120985	8.50%	1.863%
7	2.119	312	320	340	rVB	90885	144070	10.12%	2.218%
8	2.782	513	526	540	rBV7	13618	27962	1.96%	0.431%
9	3.936	865	885	917	rBV3	92601	352386	24.76%	5.426%
10	4.376	1006	1022	1047	rBV2	76204	198504	13.95%	3.056%
11	5.074	1218	1239	1267	rBV2	175273	444644	31.24%	6.846%
12	5.640	1403	1415	1439	rBV	178691	363892	25.57%	5.603%
13	5.942	1497	1509	1525	rVB8	6958	15144	1.06%	0.233%
14	6.093	1542	1556	1586	rBV2	108495	229521	16.13%	3.534%
15	7.010	1830	1841	1863	rBV	50598	91805	6.45%	1.414%
16	7.338	1931	1943	1962	rBV	209314	362271	25.45%	5.578%
17	7.643	2028	2038	2055	rBV2	29683	54271	3.81%	0.836%
18	8.109	2172	2183	2223	rBV	264104	521256	36.62%	8.026%
19	8.875	2408	2421	2441	rBV	277276	454583	31.94%	6.999%
20	10.238	2834	2845	2859	rBV	81225	127014	8.92%	1.956%
21	11.273	3155	3167	3183	rBV	285133	442888	31.12%	6.819%
22	11.646	3272	3283	3300	rBV	226608	360899	25.36%	5.557%
23	12.370	3498	3508	3517	rBV3	11920	18698	1.31%	0.288%

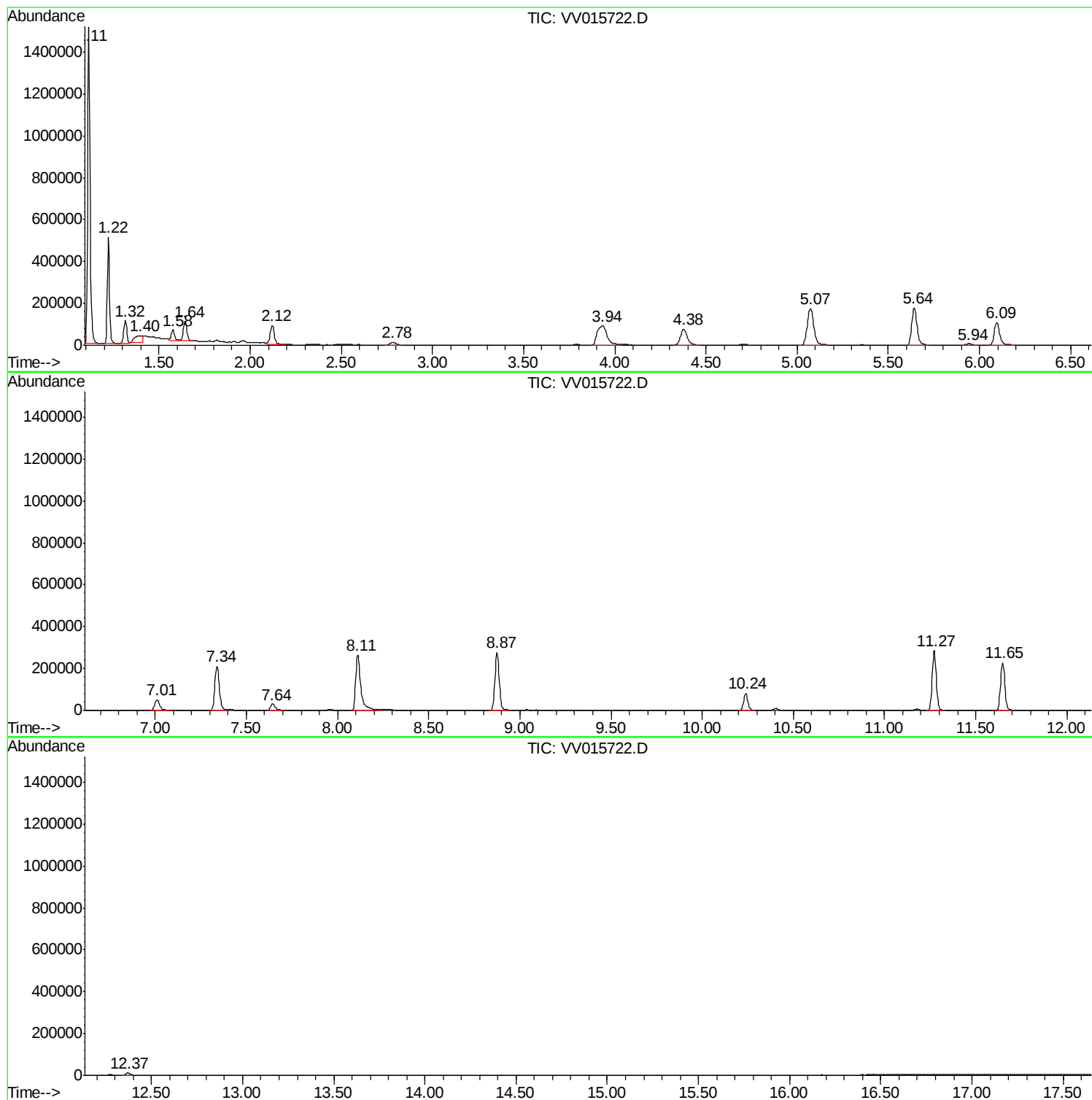
Sum of corrected areas: 6494730

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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



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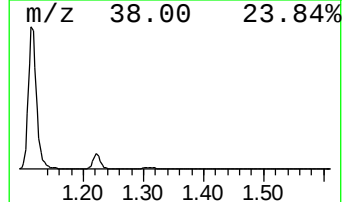
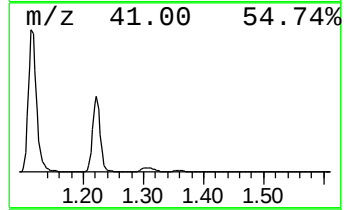
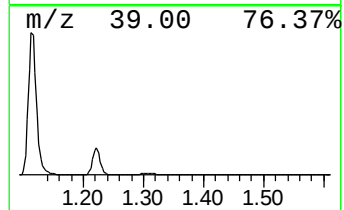
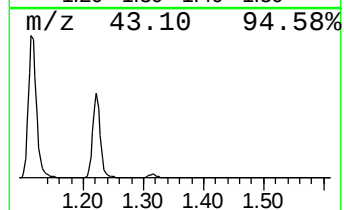
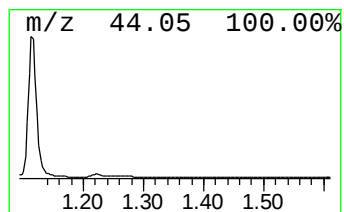
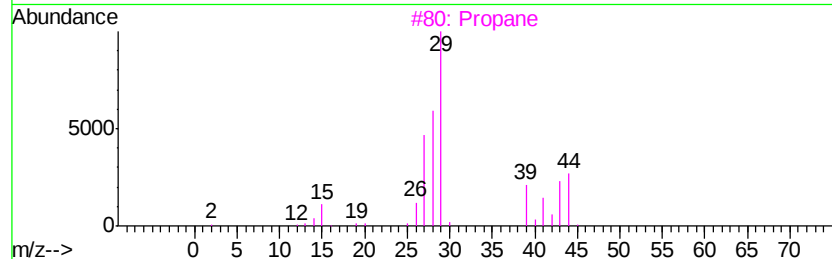
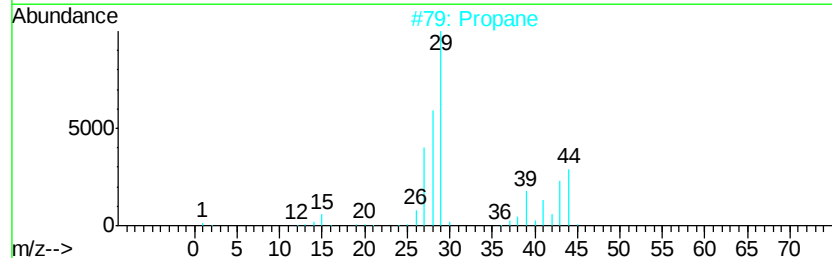
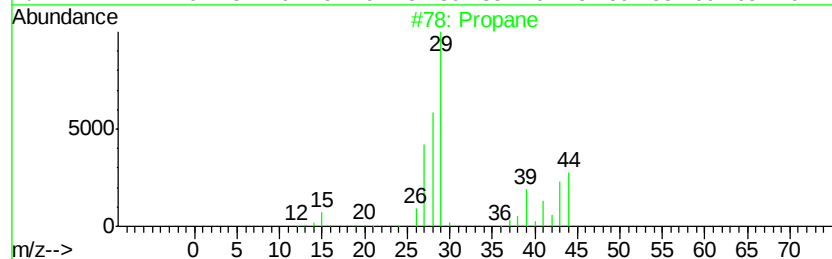
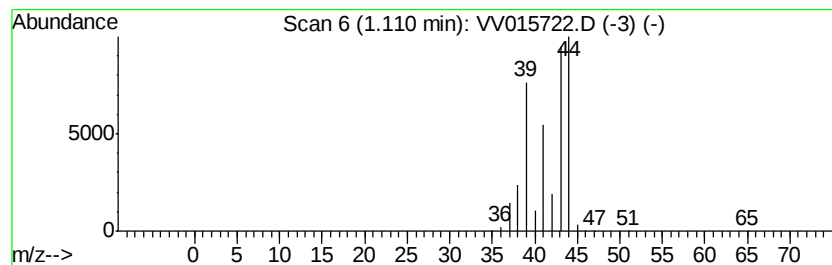
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	19.56 ug/L	1423360	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	56
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Cyclopropene	40	C3H4	002781-85-3	2



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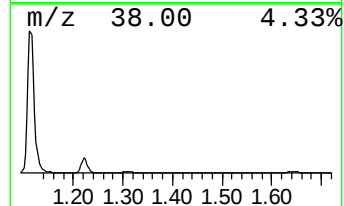
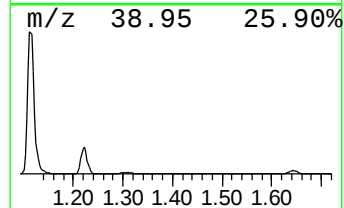
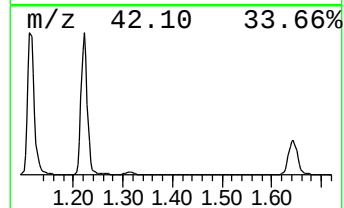
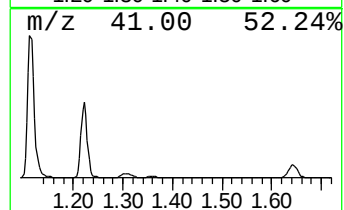
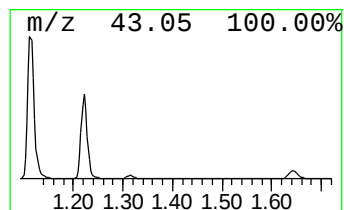
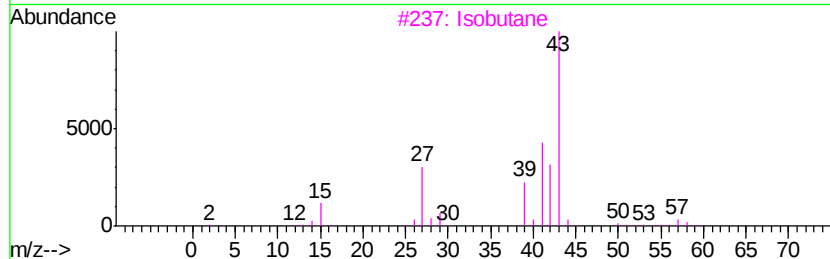
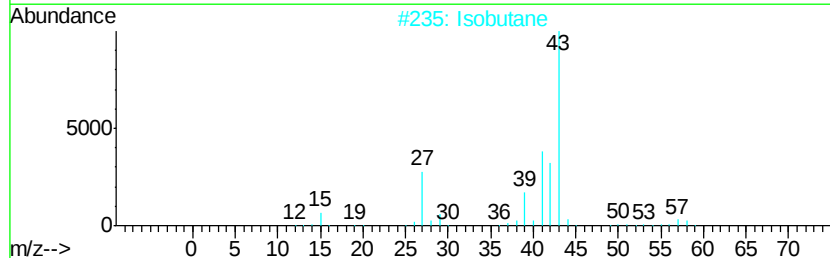
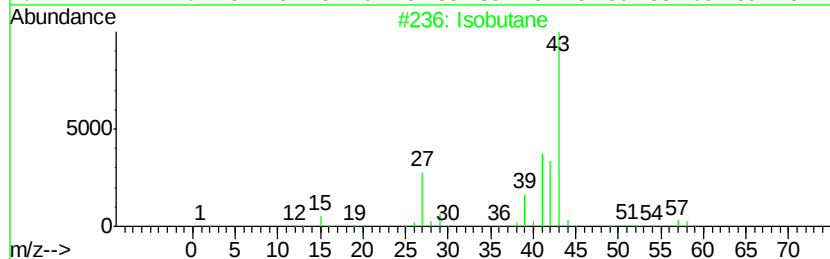
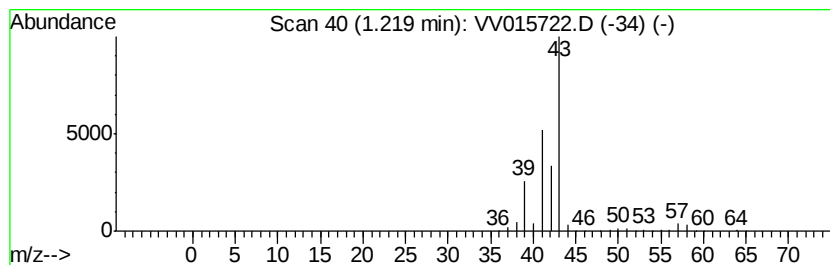
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	6.21 ug/L	451825	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	53
5		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9



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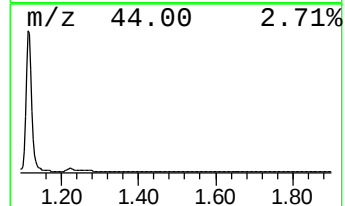
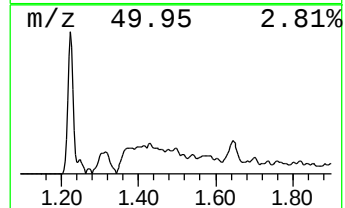
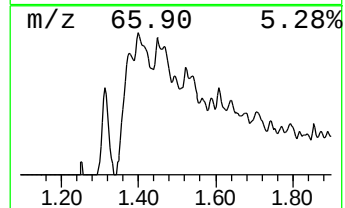
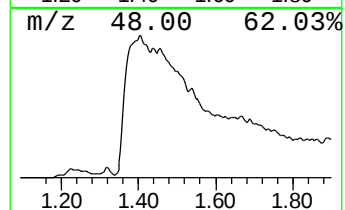
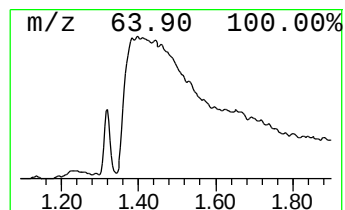
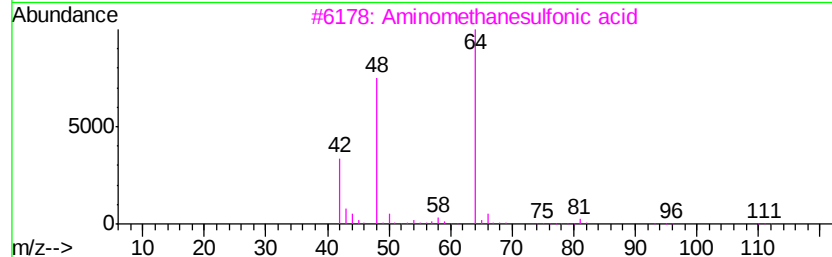
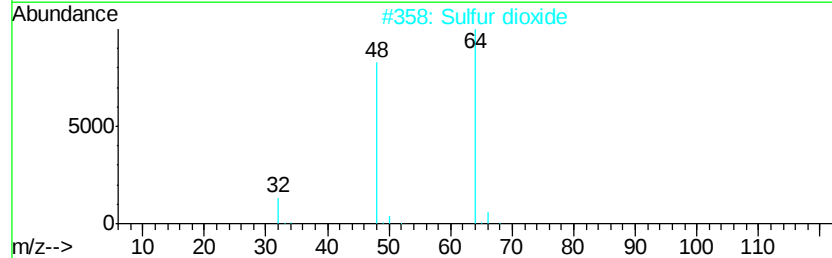
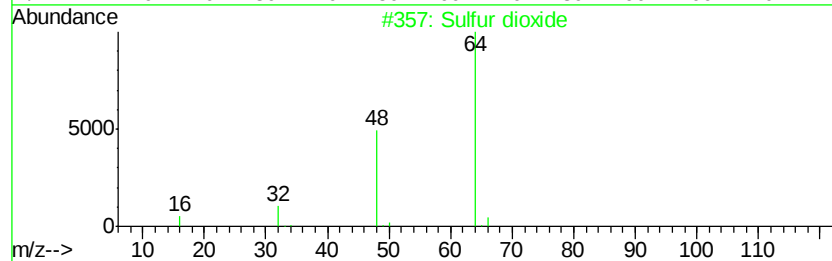
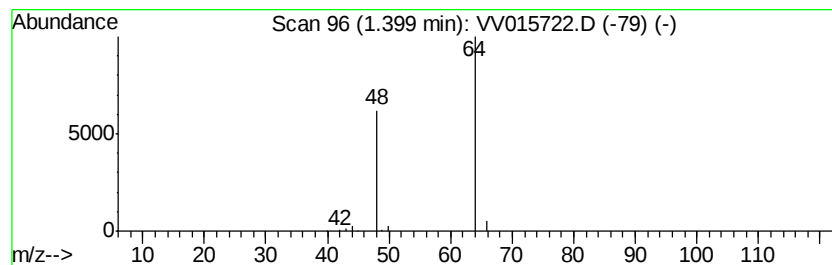
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Peak Number 3 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	1.41 ug/L	102758	1,4-Difluorobenzene	5.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	90
2	Sulfur dioxide	64 02S	007446-09-5	83
3	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	64
4	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	9



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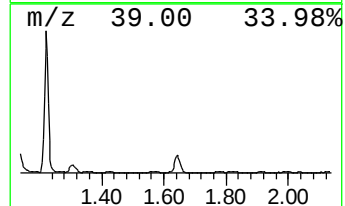
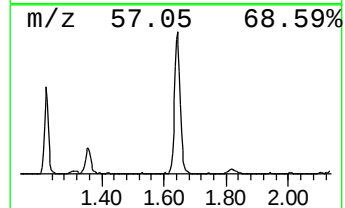
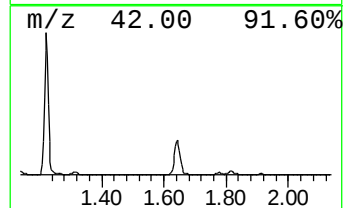
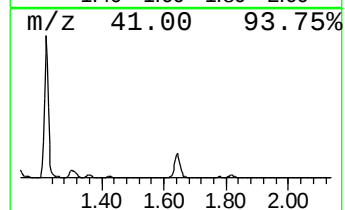
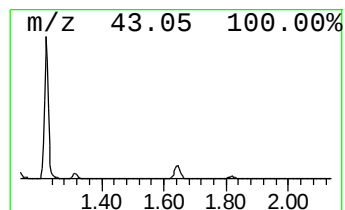
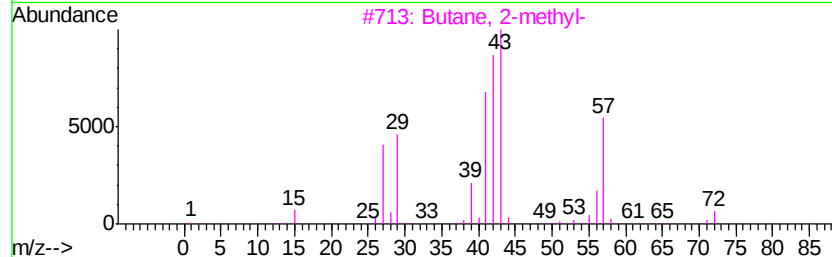
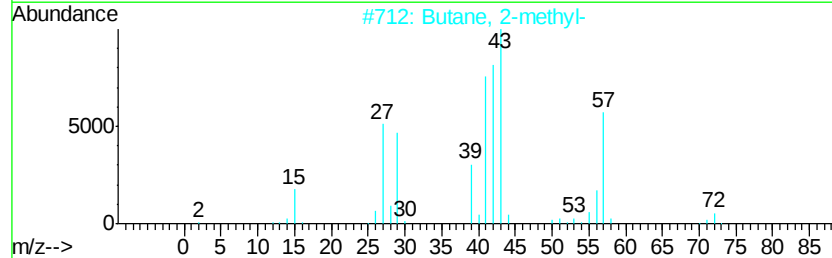
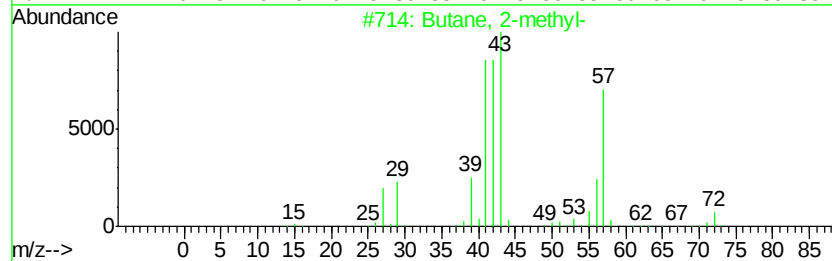
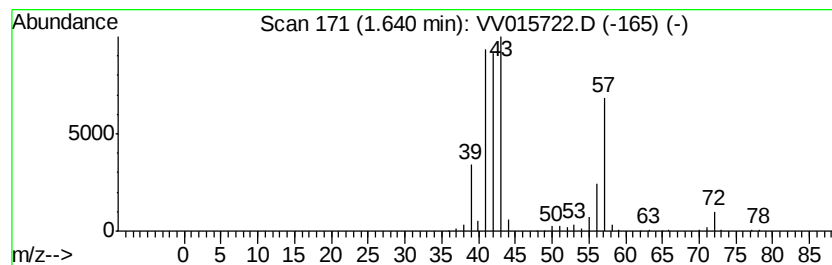
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	1.66 ug/L	120985	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	91
4		3-Buten-1-ol	72	C4H8O	000627-27-0	47
5		Pentane	72	C5H12	000109-66-0	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.11	19.6	ug/L	1423360	1	5.64	363892	5.0
(DEL) Alkane: Str...	1.22	6.2	ug/L	451825	1	5.64	363892	5.0
Sulfur dioxide	1.40	1.4	ug/L	102758	1	5.64	363892	5.0
(DEL) Alkane: Str...	1.64	1.7	ug/L	120985	1	5.64	363892	5.0