

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016205.D
 Acq On : 26 May 2020 21:10
 Operator : SY/MD
 Sample : L2753-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXF3

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\SOMVTR052620WMA.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	1.116	3	8	25	rVB	403415	373876	100.00%	8.799%
2	1.190	26	31	35	rBV	5269	4627	1.24%	0.109%
3	1.225	36	42	56	rVV	31198	29627	7.92%	0.697%
4	1.312	60	69	82	rBV2	188283	279754	74.83%	6.584%
5	1.399	90	96	100	rBV	5598	7043	1.88%	0.166%
6	1.428	100	105	113	rVB	21864	24708	6.61%	0.582%
7	1.579	143	152	164	rBV2	47232	61529	16.46%	1.448%
8	1.647	165	173	183	rBV	26603	32644	8.73%	0.768%
9	1.782	206	215	221	rBV	44688	56121	15.01%	1.321%
10	1.823	221	228	248	rVV3	37377	66478	17.78%	1.565%
11	1.917	248	257	268	rVB3	4833	7819	2.09%	0.184%
12	1.997	273	282	290	rBV2	14261	20072	5.37%	0.472%
13	2.126	312	322	334	rBV	80073	116518	31.16%	2.742%
14	2.463	416	427	442	rBV10	6106	16326	4.37%	0.384%
15	2.553	449	455	462	rVB3	3835	5221	1.40%	0.123%
16	2.592	463	467	479	rVB8	3095	5294	1.42%	0.125%
17	2.782	514	526	540	rVB4	5849	12846	3.44%	0.302%
18	2.971	573	585	599	rVB6	14020	31518	8.43%	0.742%
19	3.061	603	613	628	rVB4	7911	16698	4.47%	0.393%
20	3.479	731	743	760	rVB7	4120	9907	2.65%	0.233%
21	3.936	872	885	917	rBV2	40365	134998	36.11%	3.177%
22	4.113	928	940	964	rBV	67367	173854	46.50%	4.092%
23	4.380	1004	1023	1044	rBV	61129	151055	40.40%	3.555%
24	4.775	1136	1146	1160	rBV7	2007	5142	1.38%	0.121%
25	4.933	1181	1195	1208	rBV5	3173	7324	1.96%	0.172%
26	5.074	1223	1239	1262	rBV2	143921	351619	94.05%	8.276%
27	5.402	1330	1341	1360	rVB7	4246	11005	2.94%	0.259%
28	5.515	1365	1376	1390	rBV5	2765	6149	1.64%	0.145%
29	5.643	1403	1416	1443	rBV	128838	258682	69.19%	6.088%
30	6.096	1544	1557	1583	rBV2	82281	167570	44.82%	3.944%
31	7.010	1827	1841	1864	rBV	40211	73523	19.67%	1.730%
32	7.338	1932	1943	1960	rBV	171136	299296	80.05%	7.044%
33	7.415	1960	1967	1981	rVB2	7585	13681	3.66%	0.322%
34	7.646	2029	2039	2055	rBV2	23983	42099	11.26%	0.991%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	8.116	2174	2185	2211	rBV	182363	335925	89.85%	7.906%
36	8.273	2225	2234	2248	rVB3	6357	10923	2.92%	0.257%
37	8.875	2408	2421	2442	rBV	199535	318693	85.24%	7.501%
38	10.238	2834	2845	2863	rVB2	54934	87666	23.45%	2.063%
39	11.177	3131	3137	3147	rBV4	2888	4051	1.08%	0.095%
40	11.273	3156	3167	3184	rBV	199949	305056	81.59%	7.180%
41	11.563	3244	3257	3266	rBV7	3602	7292	1.95%	0.172%
42	11.646	3271	3283	3301	rVB	164647	258046	69.02%	6.073%
43	12.373	3500	3509	3525	rVB3	6070	10150	2.71%	0.239%
44	13.527	3858	3868	3883	rBV	22560	36445	9.75%	0.858%

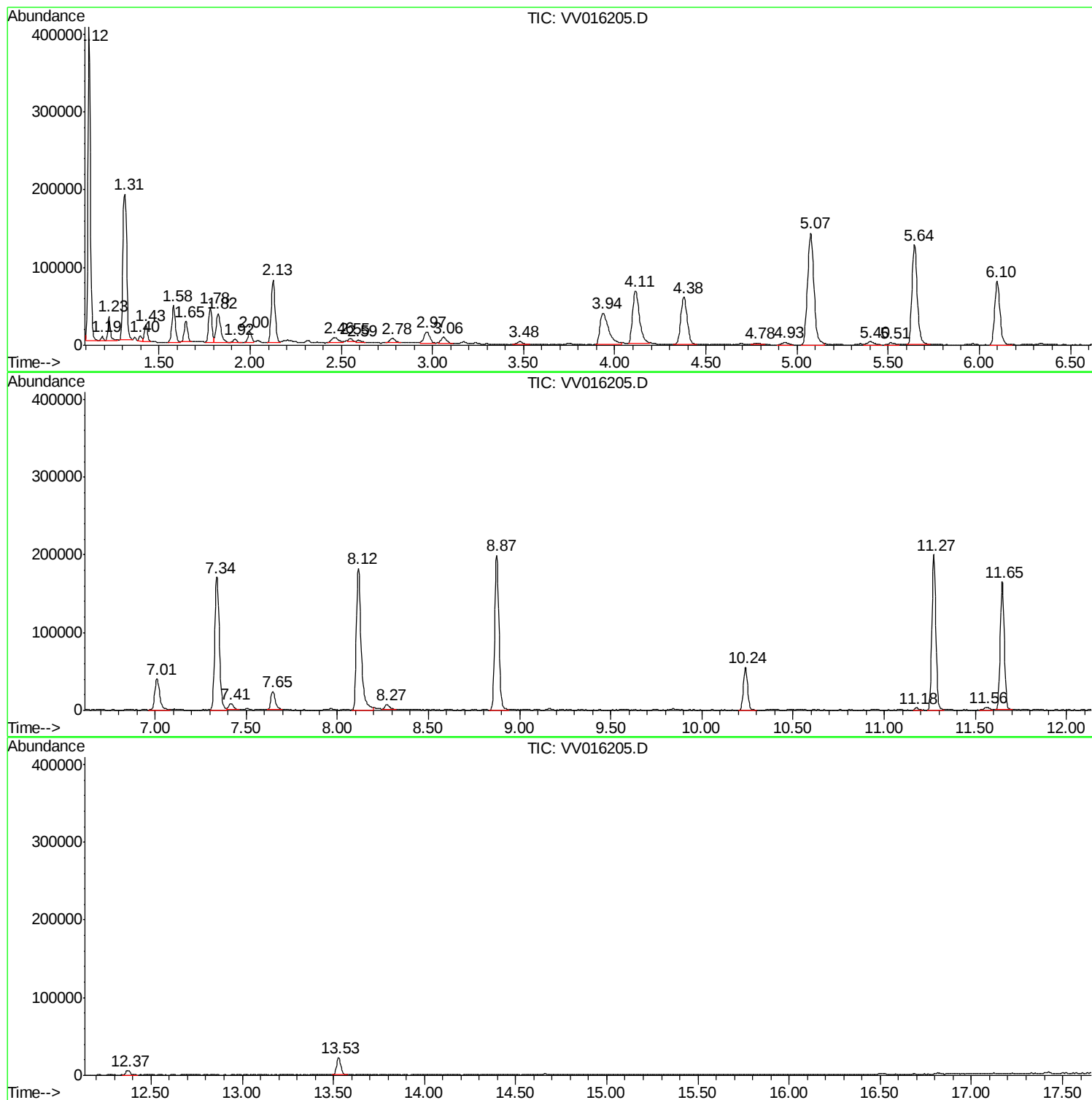
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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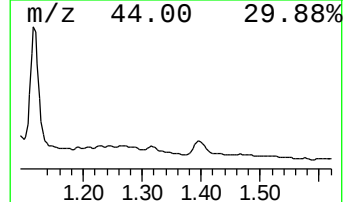
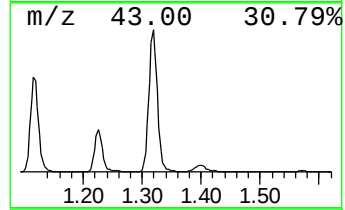
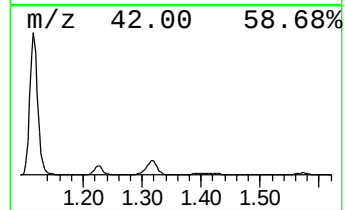
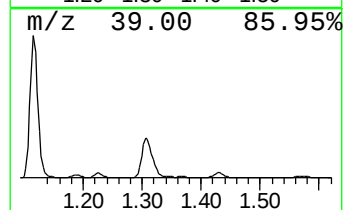
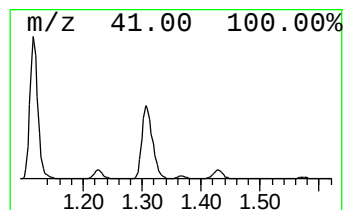
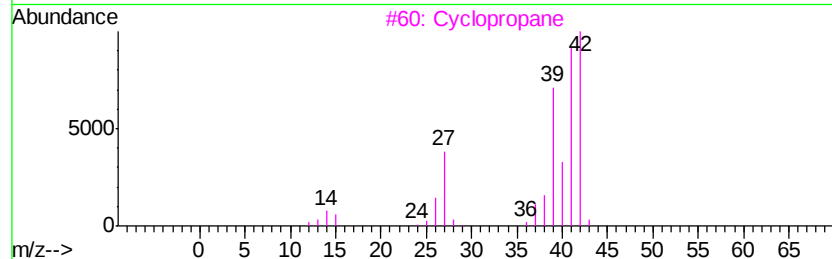
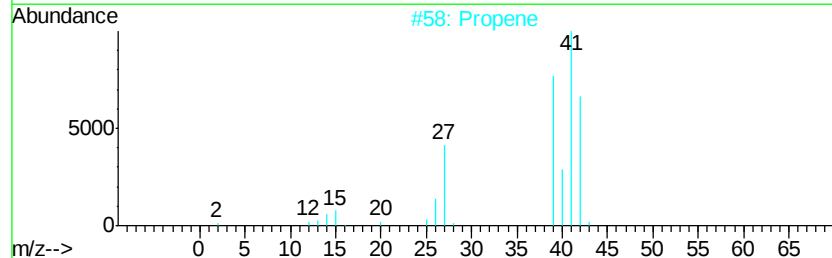
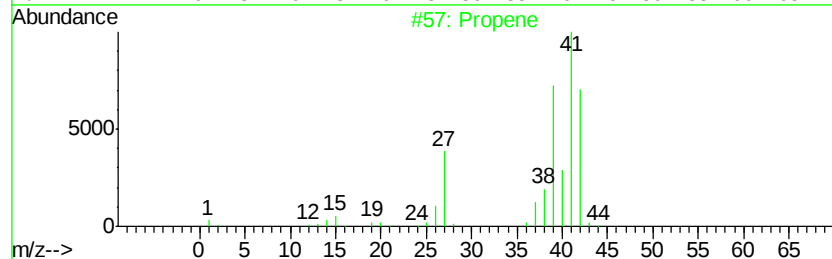
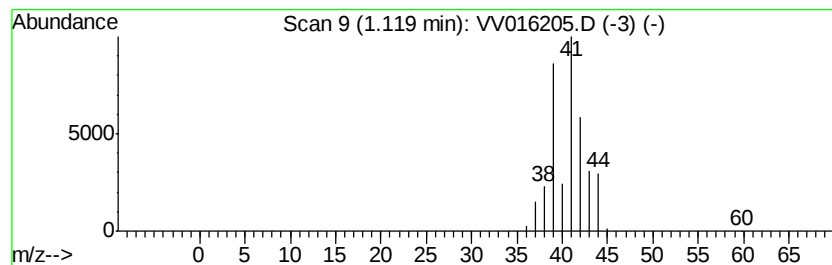
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Quant Title : TRACE VOA SOM01.0

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.
1.12	7.23 ug/L	373876	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	7
4		Cyclopropane	42	C3H6	000075-19-4	7
5		Cyclopropene	40	C3H4	002781-85-3	5



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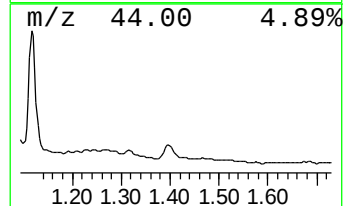
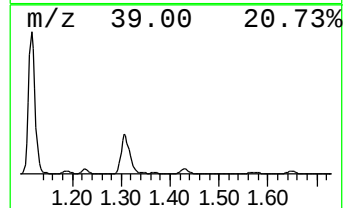
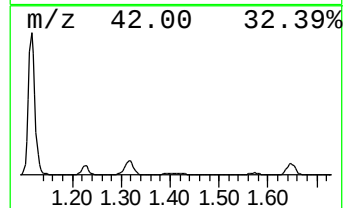
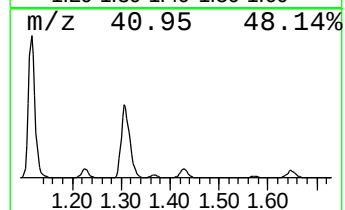
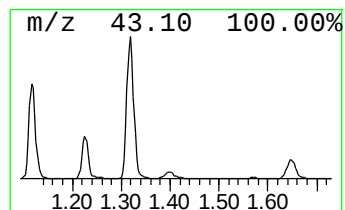
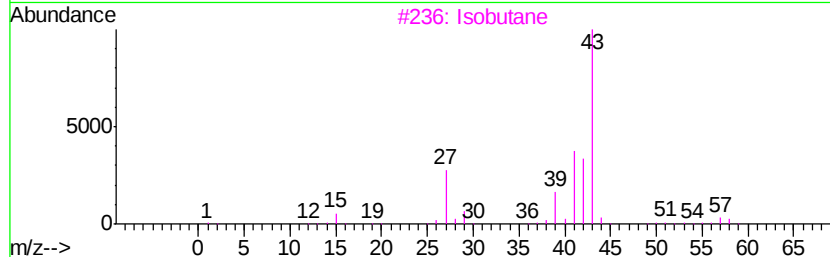
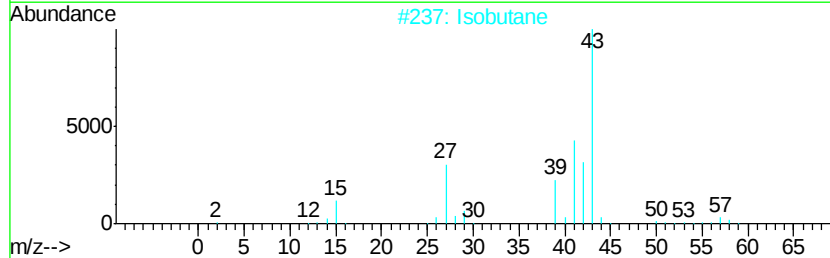
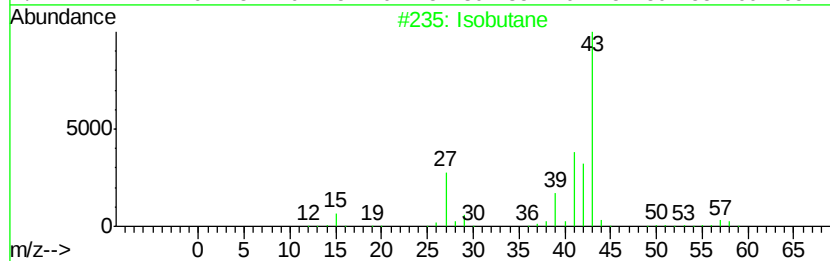
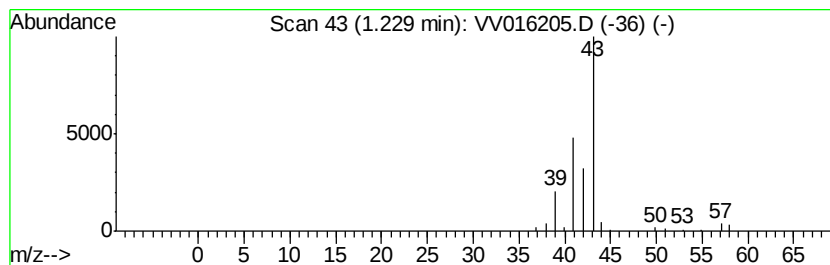
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.57 ug/L	29627	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	45
5		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9



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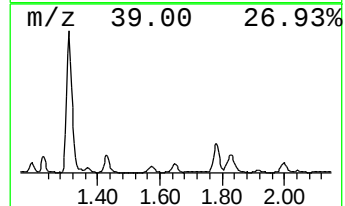
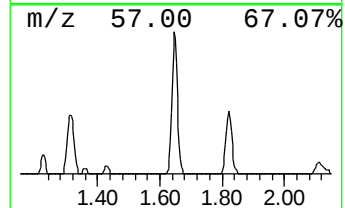
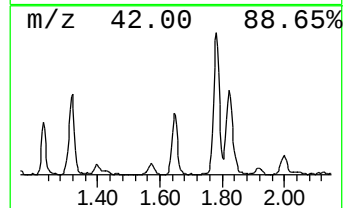
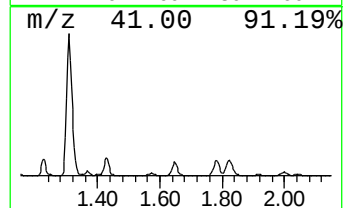
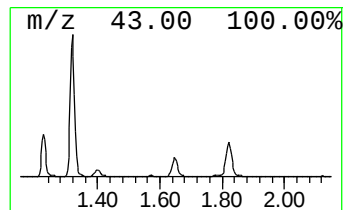
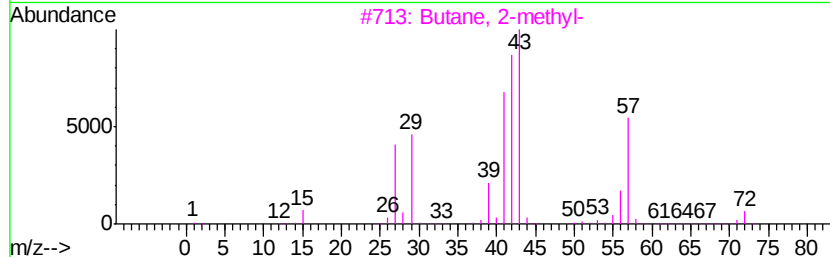
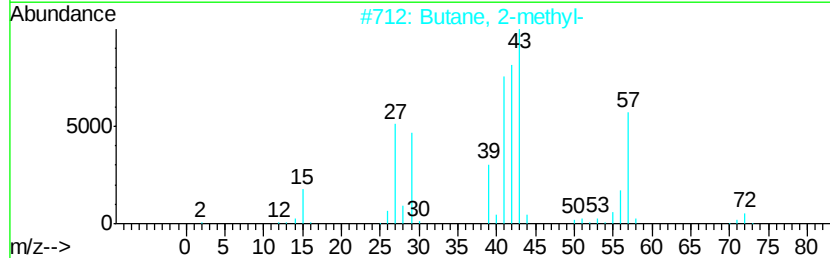
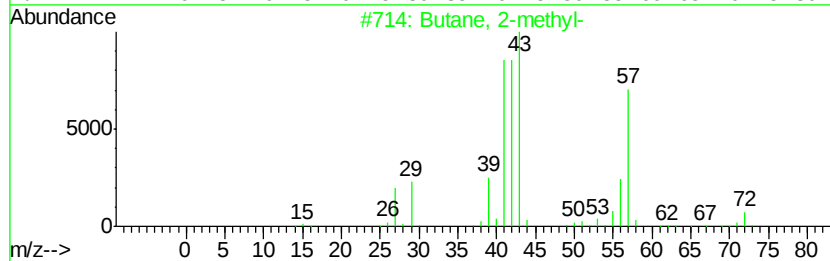
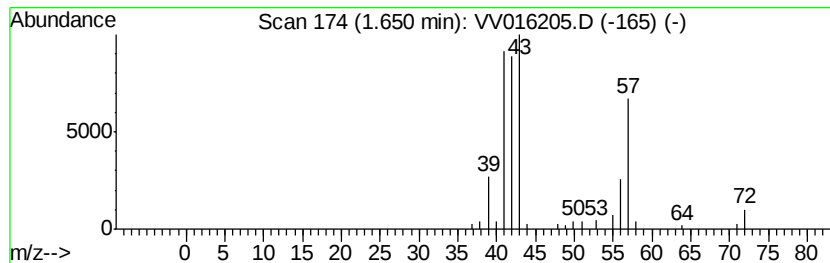
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	0.63 ug/L	32644	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	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		3-Buten-1-ol	72	C4H8O	000627-27-0	47
5		Isobutylene epoxide	72	C4H8O	000558-30-5	33



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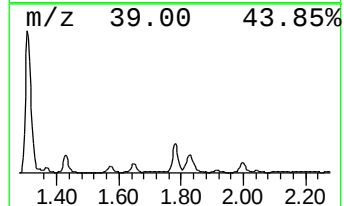
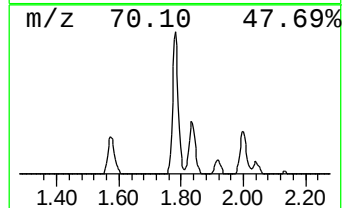
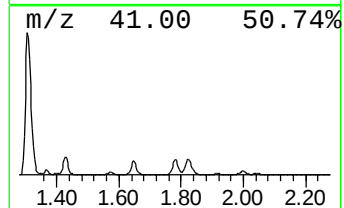
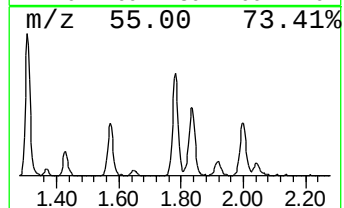
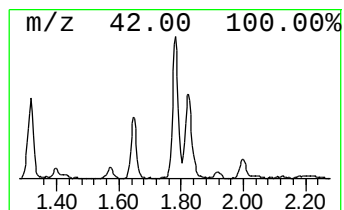
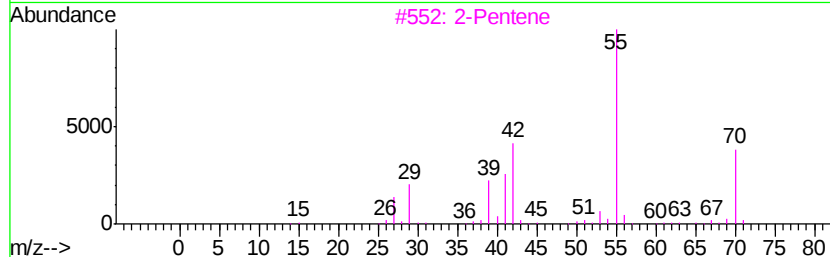
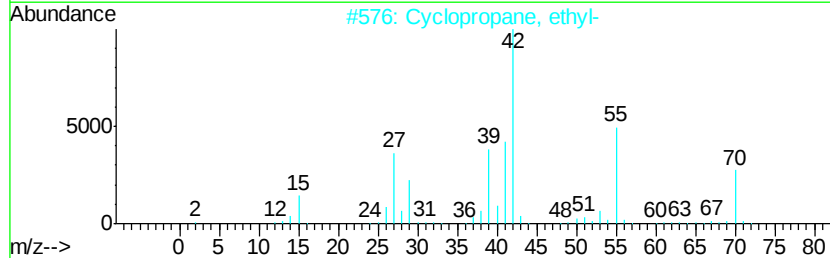
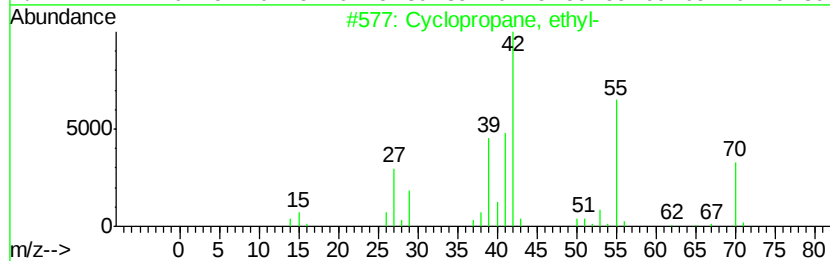
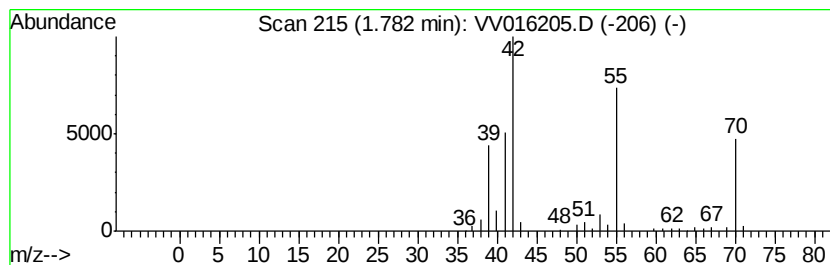
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Peak Number 4 (DEL) Alkane: Cyclic1.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	1.08 ug/L	56121	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2		Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
3		2-Pentene	70	C5H10	000109-68-2	72
4		1-Pentene	70	C5H10	000109-67-1	70
5		1-Pentene	70	C5H10	000109-67-1	64



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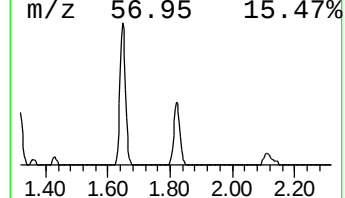
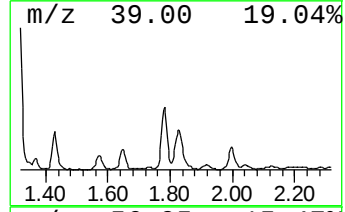
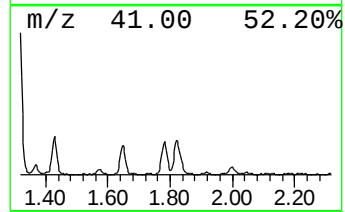
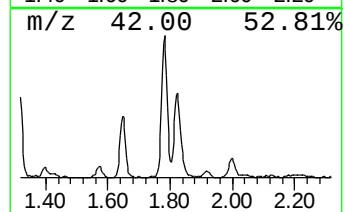
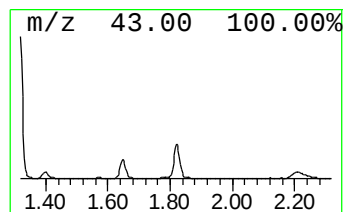
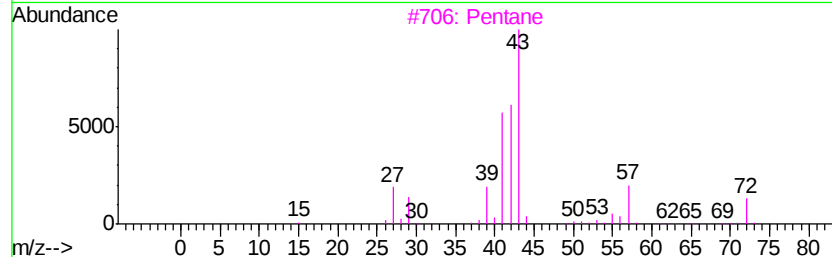
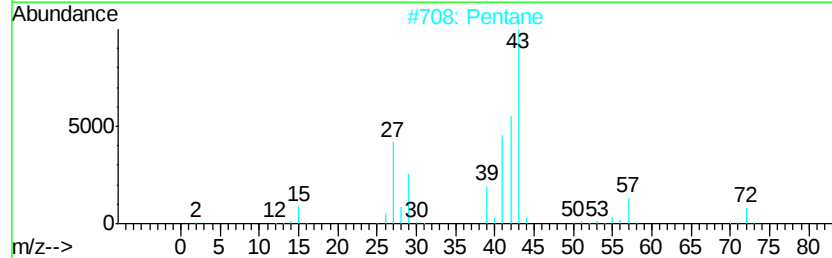
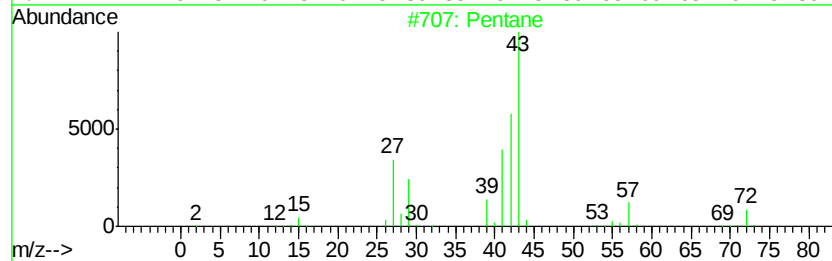
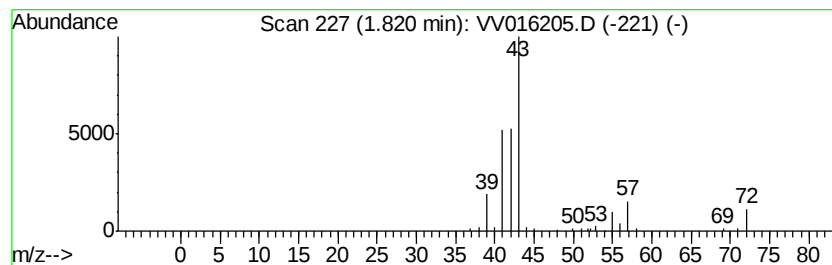
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	1.28 ug/L	66478	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	72
2		Pentane	72	C5H12	000109-66-0	64
3		Pentane	72	C5H12	000109-66-0	64
4		Oxirane, ethyl-	72	C4H8O	000106-88-7	50
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052620\
Data File : VV016205.D
Acq On : 26 May 2020 21:10
Operator : SY/MD
Sample : L2753-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAXF3

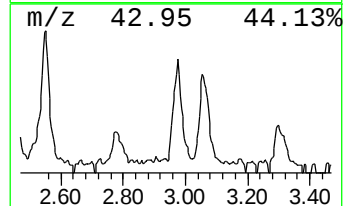
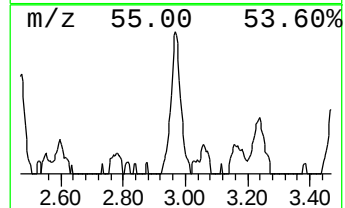
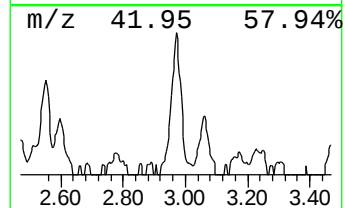
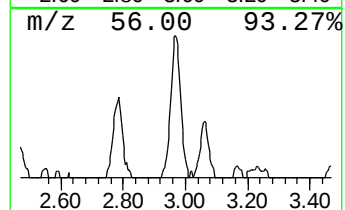
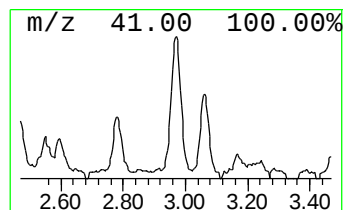
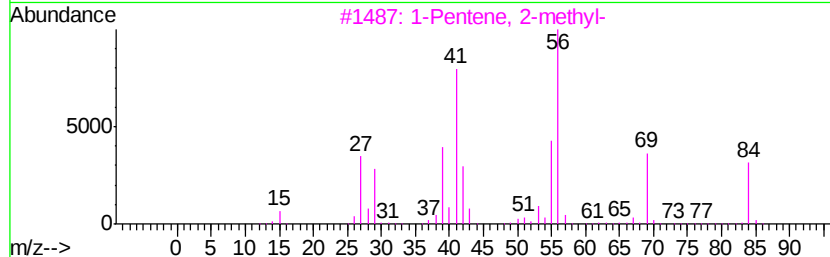
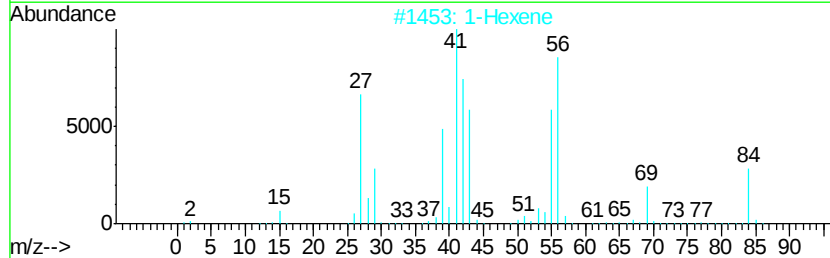
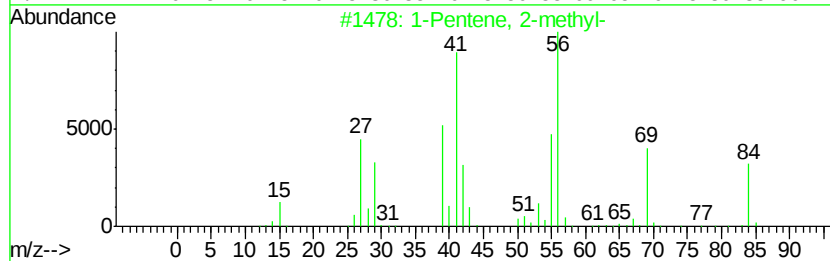
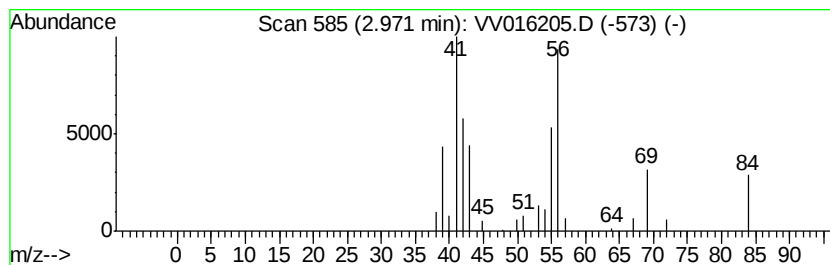
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	0.61 ug/L	31518	1,4-Difluorobenzene	5.64

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2		1-Hexene	84	C6H12	000592-41-6	86
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4		1-Hexene	84	C6H12	000592-41-6	64
5		3-Hexene, (E)-	84	C6H12	013269-52-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052620\
Data File : VV016205.D
Acq On : 26 May 2020 21:10
Operator : SY/MD
Sample : L2753-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAXF3

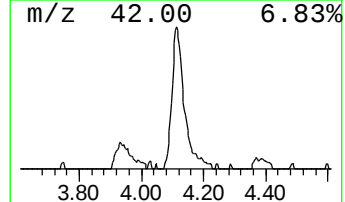
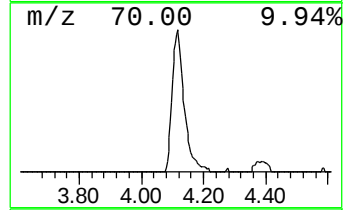
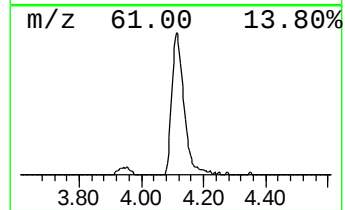
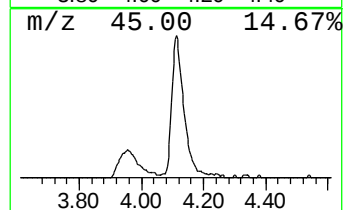
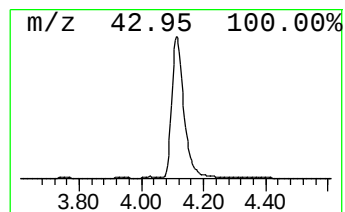
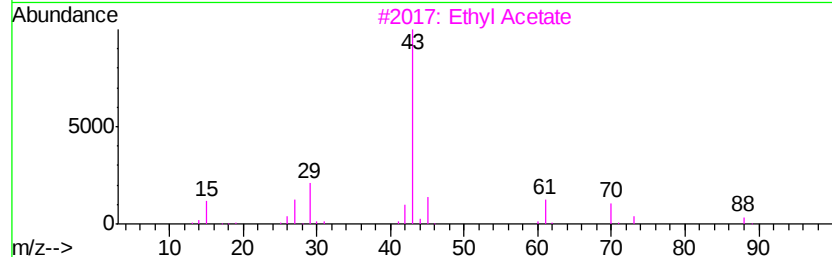
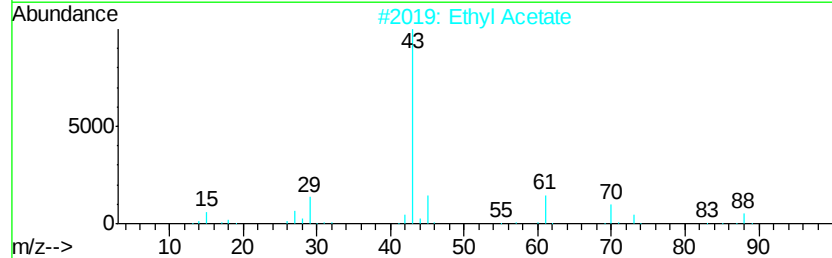
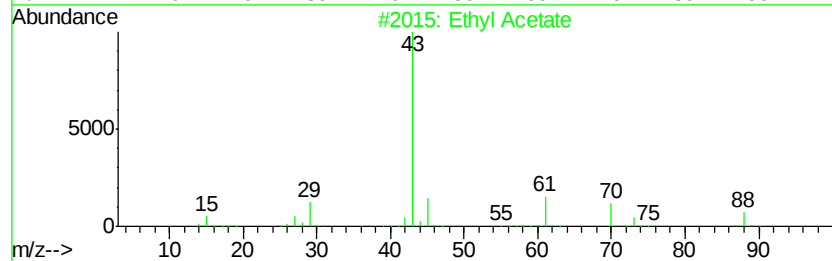
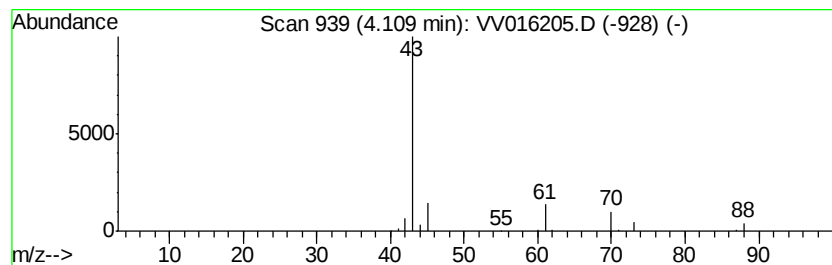
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	3.36 ug/L	173854	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016205.D
Acq On : 26 May 2020 21:10
Operator : SY/MD
Sample : L2753-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAXF3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response		#	RT	Resp	Conc
(DEL) Alkane: Str...	1.12	7.2	ug/L	373876	1	5.64	258682	5.0	
(DEL) Alkane: Str...	1.23	0.6	ug/L	29627	1	5.64	258682	5.0	
(DEL) Alkane: Str...	1.65	0.6	ug/L	32644	1	5.64	258682	5.0	
(DEL) Alkane: Cyc...	1.78	1.1	ug/L	56121	1	5.64	258682	5.0	
(DEL) Alkane: Str...	1.82	1.3	ug/L	66478	1	5.64	258682	5.0	
(DEL) Alkane: Str...	2.97	0.6	ug/L	31518	1	5.64	258682	5.0	
Ethyl Acetate	4.11	3.4	ug/L	173854	1	5.64	258682	5.0	