

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054824.D
 Acq On : 31 Mar 2019 1:44
 Operator : JC/SP
 Sample : K2164-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

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_N\METHODS\82N032919W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.831	929	951	976	rBV3	116517	409885	15.28%	2.134%
2	5.059	994	1022	1053	rBV2	362879	1316200	49.07%	6.853%
3	7.593	1790	1810	1821	rBV2	358792	898369	33.49%	4.678%
4	7.667	1821	1833	1873	rVB	601211	1513290	56.42%	7.879%
5	8.030	1928	1946	1969	rBV2	403457	953964	35.57%	4.967%
6	8.207	1976	2001	2026	rBV	665162	1854813	69.15%	9.658%
7	8.586	2105	2119	2155	rVB	935715	2070279	77.18%	10.779%
8	9.220	2301	2316	2332	rBV	56088	120480	4.49%	0.627%
9	9.519	2392	2409	2433	rBV	552499	1127535	42.04%	5.871%
10	9.651	2435	2450	2480	rVB	428501	893419	33.31%	4.652%
11	10.024	2555	2566	2574	rBV2	28535	53873	2.01%	0.281%
12	10.091	2574	2587	2629	rVB	1347174	2682297	100.00%	13.966%
13	11.410	2981	2997	3029	rBV	1167700	2183940	81.42%	11.371%
14	12.403	3293	3306	3327	rBV	885822	1510510	56.31%	7.865%
15	13.172	3530	3545	3556	rBV3	34911	75247	2.81%	0.392%
16	13.345	3584	3599	3618	rBV	924836	1541832	57.48%	8.028%

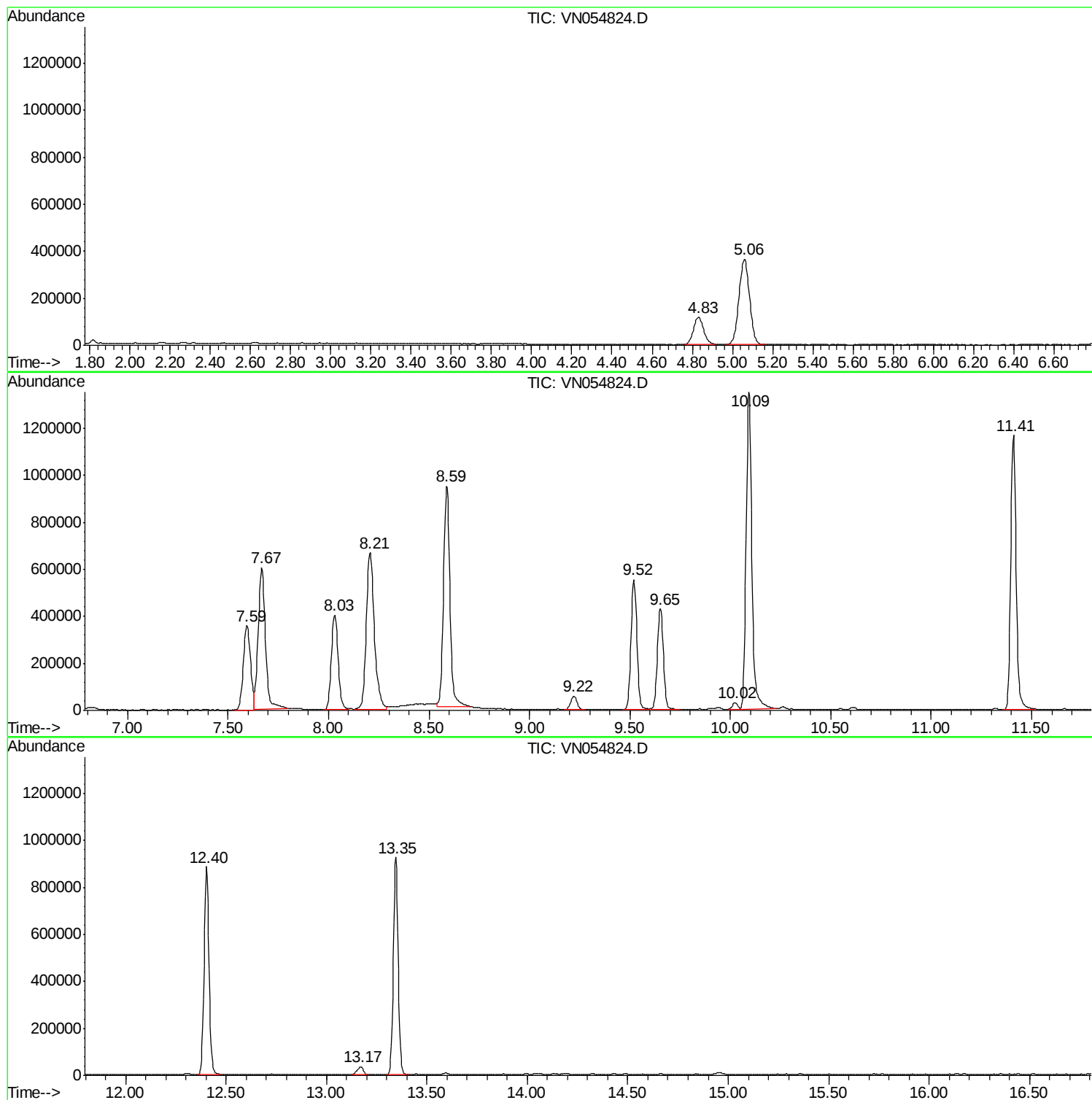
Sum of corrected areas: 19205933

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054824.D
Acq On : 31 Mar 2019 1:44
Operator : JC/SP
Sample : K2164-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054824.D
Acq On : 31 Mar 2019 1:44
Operator : JC/SP
Sample : K2164-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-2R

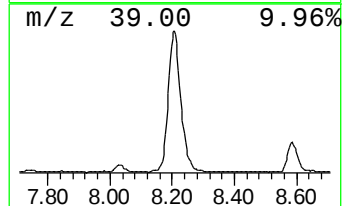
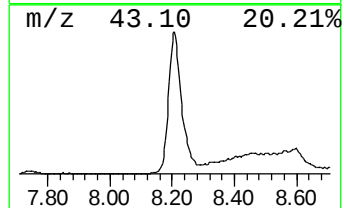
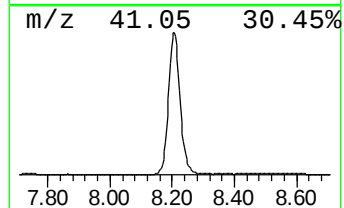
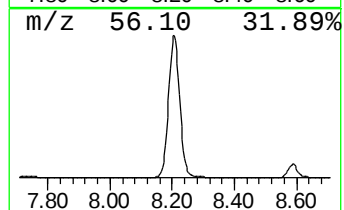
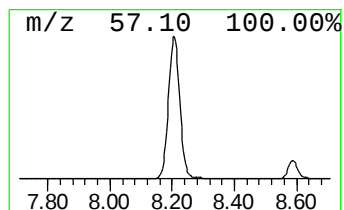
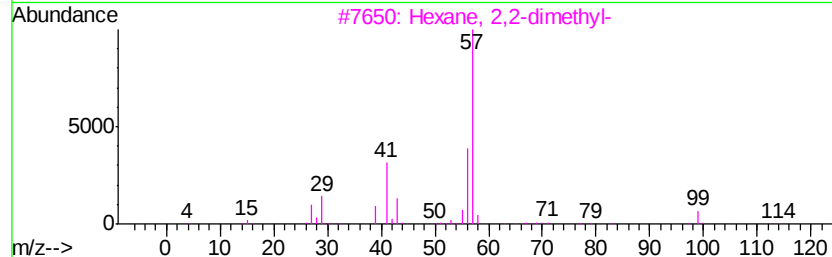
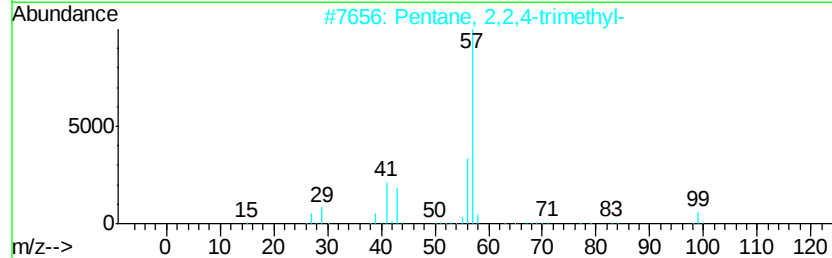
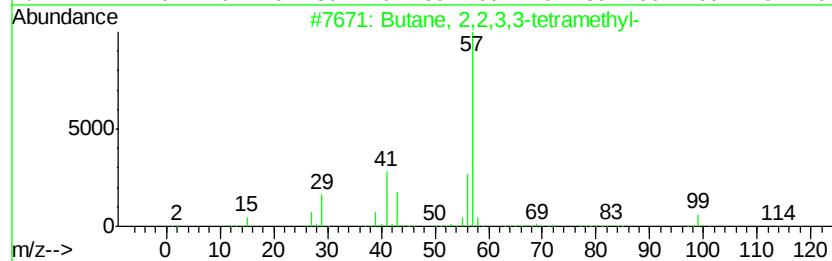
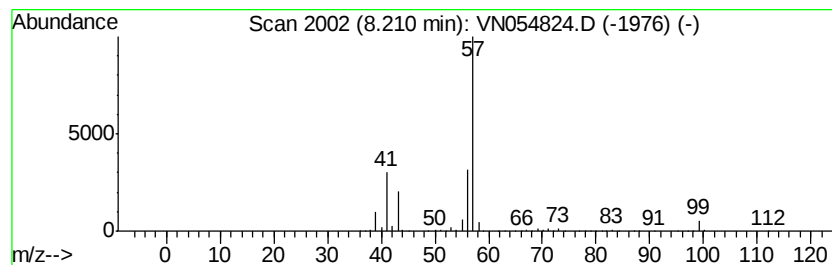
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	44.80 ug/l	1854810	1,4-Difluorobenzene	8.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054824.D
Acq On : 31 Mar 2019 1:44
Operator : JC/SP
Sample : K2164-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

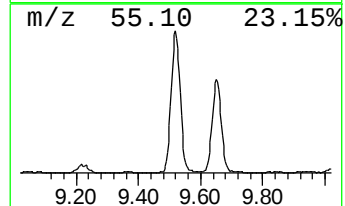
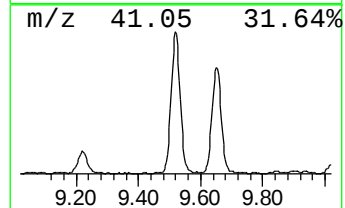
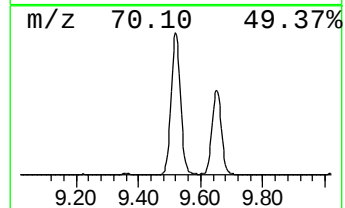
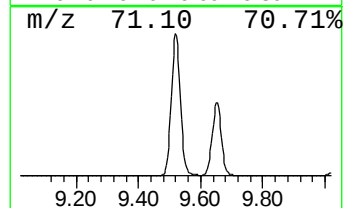
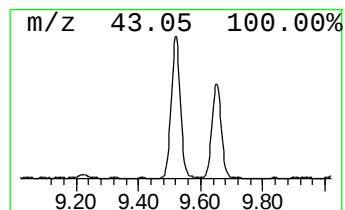
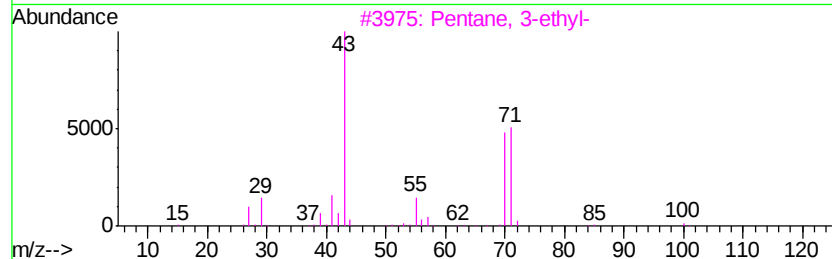
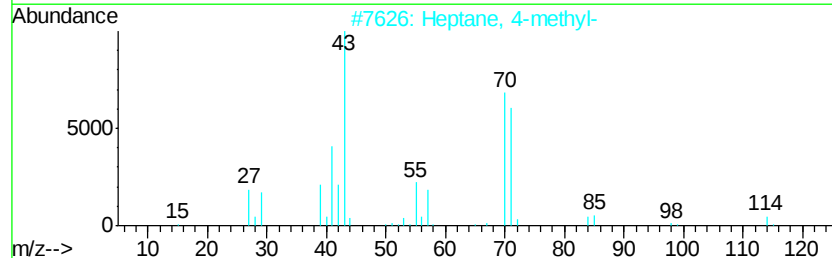
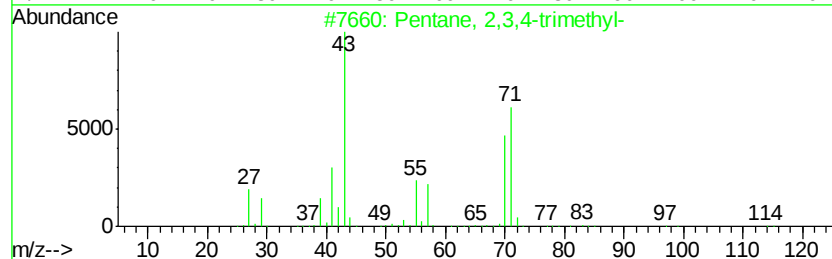
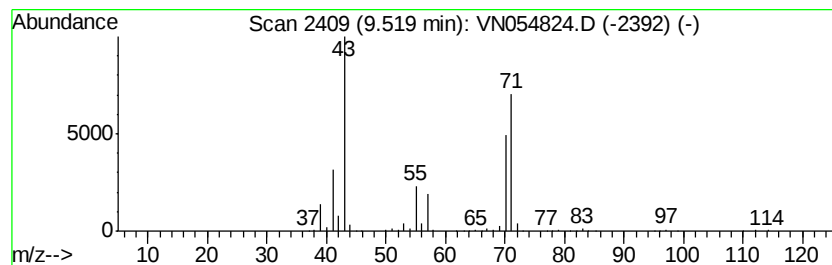
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	27.23 ug/l	1127540	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054824.D
Acq On : 31 Mar 2019 1:44
Operator : JC/SP
Sample : K2164-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

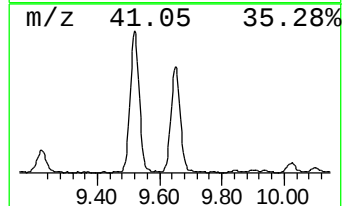
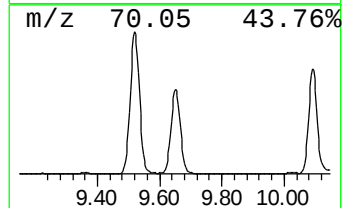
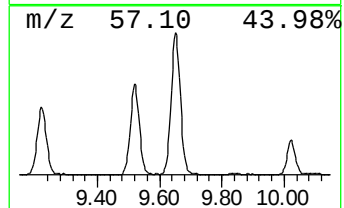
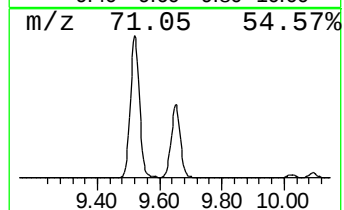
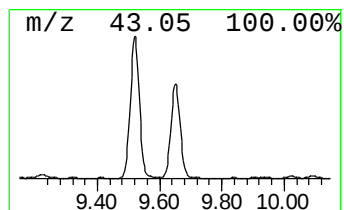
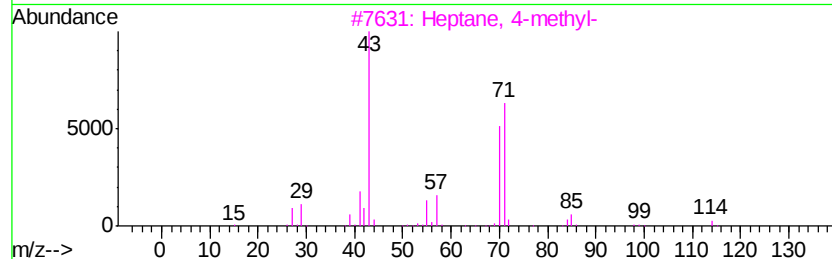
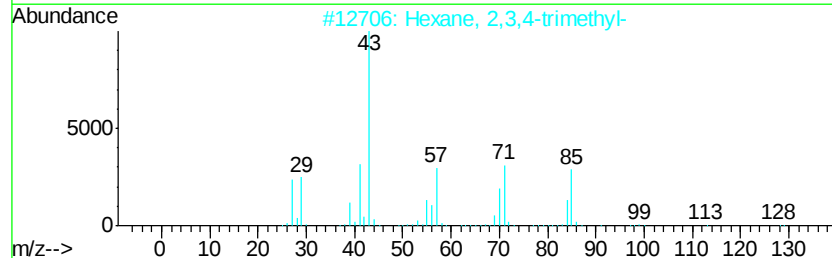
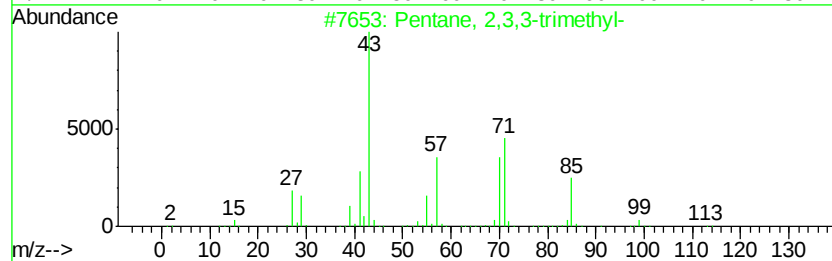
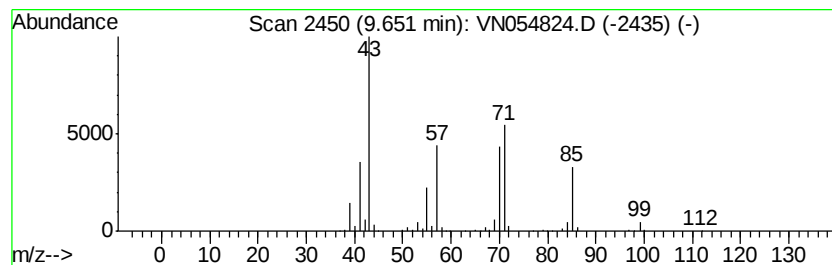
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	21.58 ug/l	893419	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054824.D
Acq On : 31 Mar 2019 1:44
Operator : JC/SP
Sample : K2164-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2,2,3,3-t...	8.21	44.8	ug/l	1854810	2	8.59	2070280	50.0
Pentane, 2,3,4-tr...	9.52	27.2	ug/l	1127540	2	8.59	2070280	50.0
Pentane, 2,3,3-tr...	9.65	21.6	ug/l	893419	2	8.59	2070280	50.0