LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
Data File : VN071998.D
Acq On : 14 Apr 2022 15:31
Operator : JC\MD
Sample : N2406-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
220413003-02-VOA

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624N032422W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN071998.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	198	203	215	rBV	346258	606095	8.71%	2.669%
2	4.281	380	390	412	rBV	478609	1419872	20.41%	6.254%
3	4.575	421	440	454	rBV3	85162	374302	5.38%	1.649%
4	5.363	556	574	597	rBV	1190721	4323413	62.15%	19.041%
5	7.316	891	906	938	rBV2	2062988	6956453	100.00%	30.638%
6	7.675	953	967	984	rVB5	574423	2112376	30.37%	9.303%
7	8.434	1086	1096	1106	rBV	210142	522551	7.51%	2.301%
8	8.528	1106	1112	1121	rVB	47962	109637	1.58%	0.483%
9	8.963	1178	1186	1200	rBV	489091	998444	14.35%	4.397%
10	9.410	1254	1262	1271	rBV	68807	145481	2.09%	0.641%
11	10.328	1408	1418	1429	rBV2	33940	79802	1.15%	0.351%
12	10.439	1429	1437	1444	rBV	762661	1361543	19.57%	5.997%
13	11.051	1531	1541	1553	rVV2	97847	246045	3.54%	1.084%
14	11.739	1651	1658	1667	rVV	656265	1209549	17.39%	5.327%
15	11.839	1668	1675	1682	rVV2	60947	143529	2.06%	0.632%
16	11.945	1684	1693	1697	rVV3	44956	100917	1.45%	0.444%
17	12.275	1743	1749	1756	rVB	38022	69676	1.00%	0.307%
18	12.727	1819	1826	1837	rVB	453082	783819	11.27%	3.452%
19	13.486	1948	1955	1962	rBV3	49964	92956	1.34%	0.409%
20	13.733	1993	1997	2010	rVB7	55473	134425	1.93%	0.592%
21	14.557	2126	2137	2152	rBV	504128	914333	13.14%	4.027%

Sum of corrected areas: 22705218

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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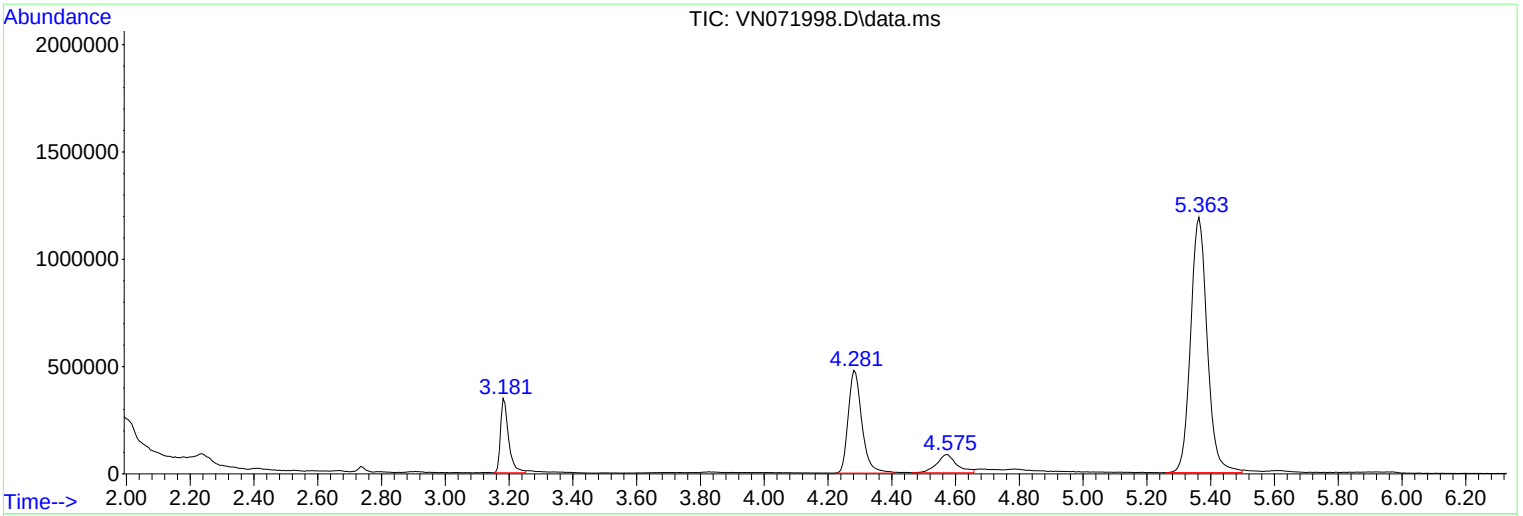
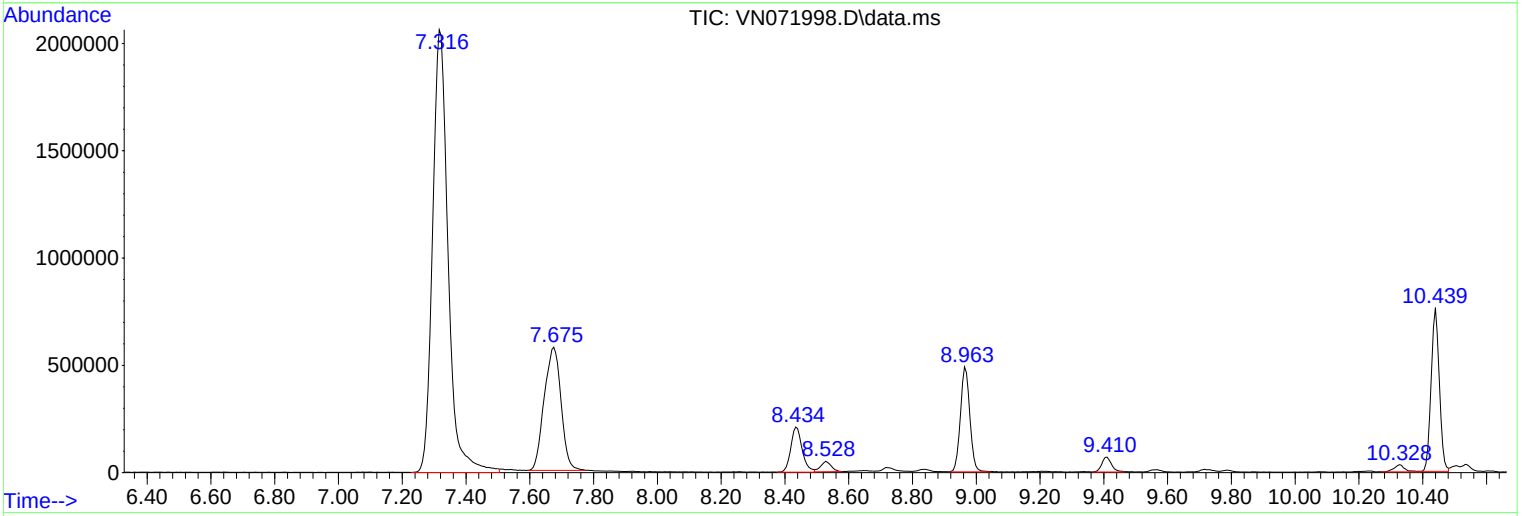
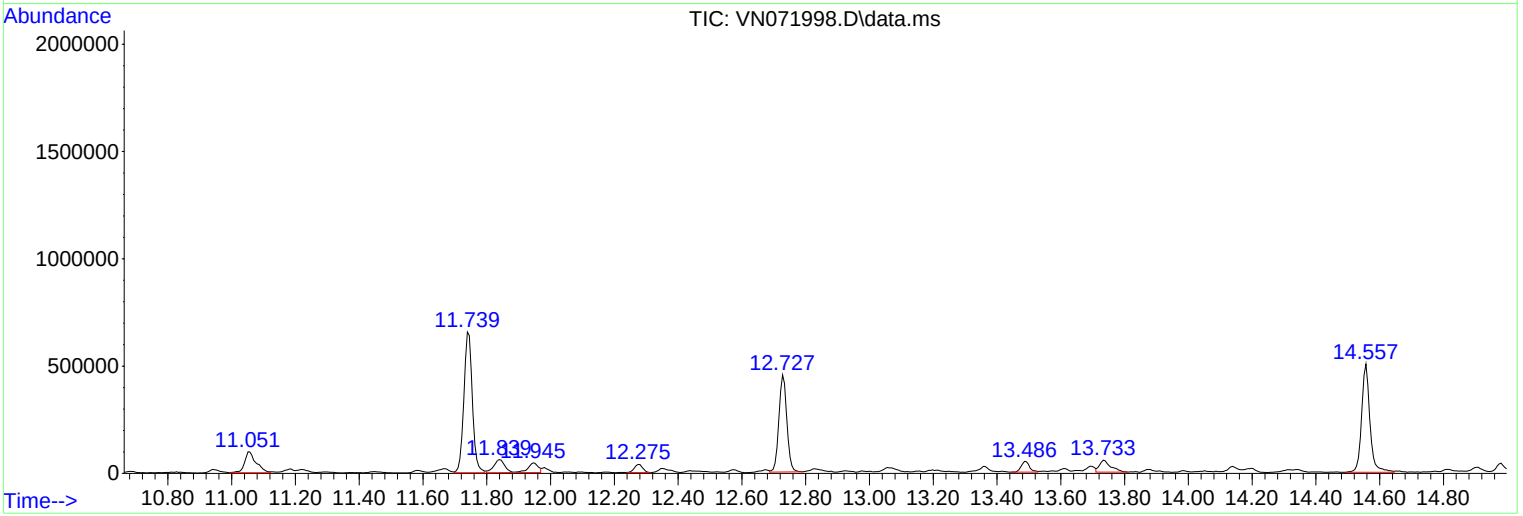
ClientSampleId :
220413003-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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Data File : VN071998.D
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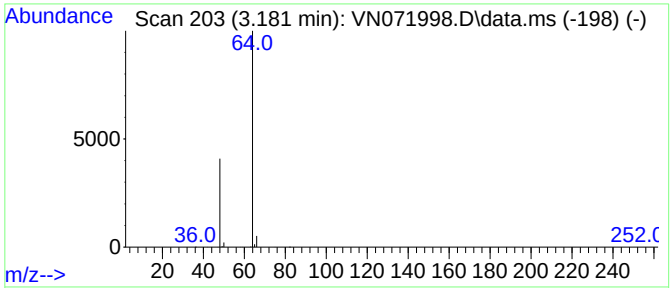
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

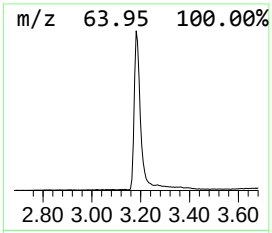
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

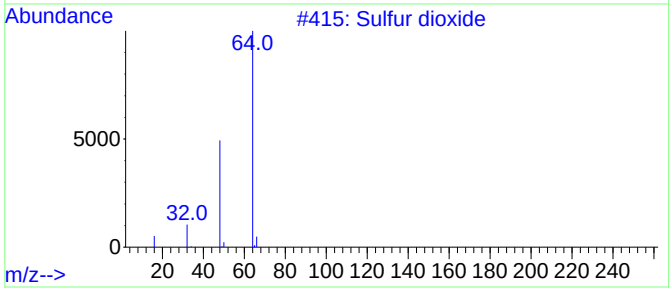
****
Peak Number 1 Sulfur dioxide Concentration Rank 2

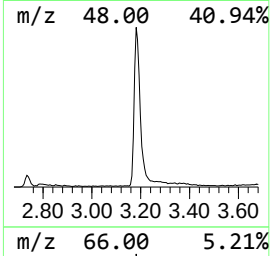
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.181	8.61 ug/l	606095	Bromochloromethane	7.657

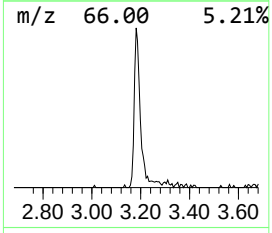
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64	O2S	007446-09-5	5
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5

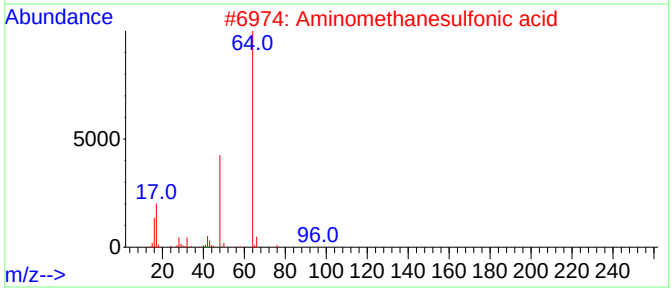


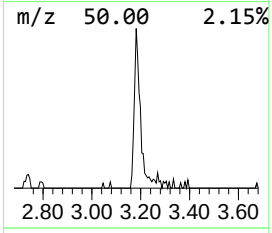


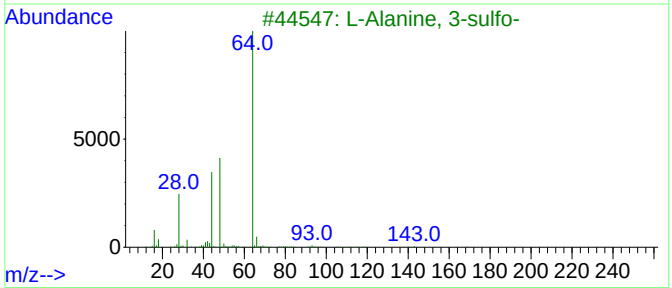


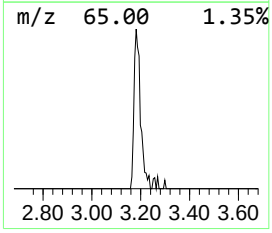












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Data File : VN071998.D
Acq On : 14 Apr 2022 15:31
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
220413003-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

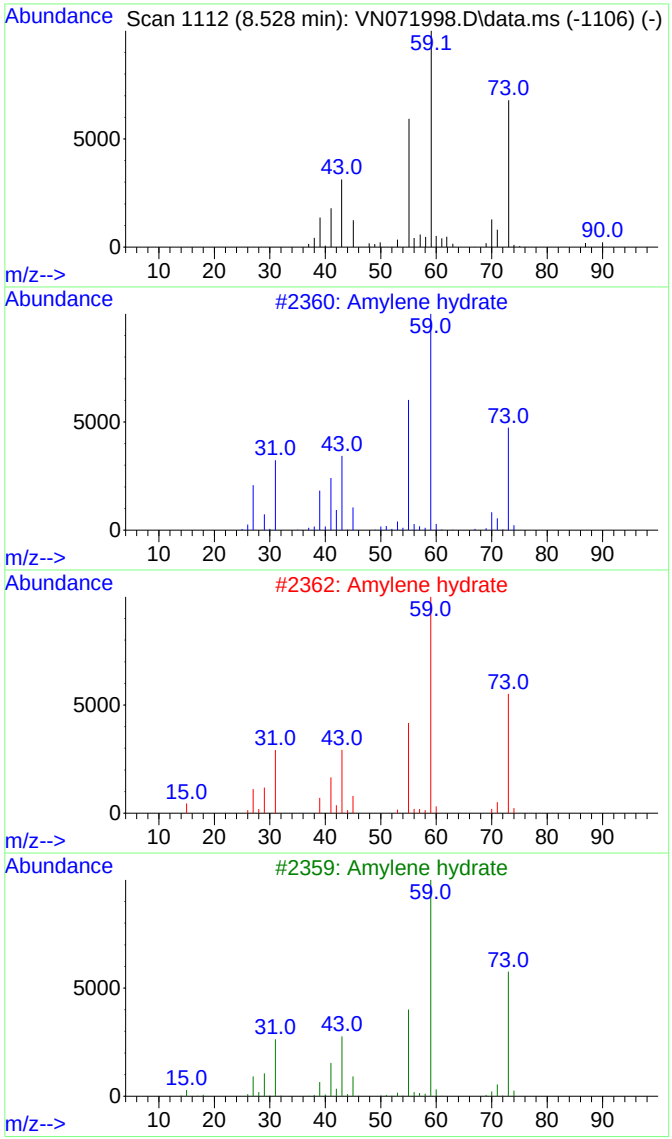
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

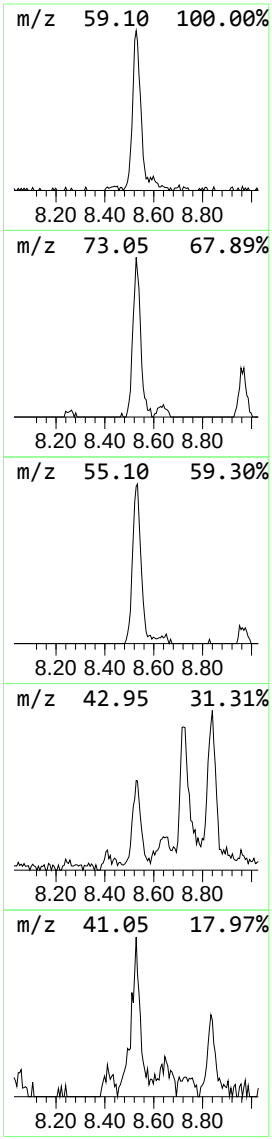
****

Peak Number 2 Amylene hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	3.29 ug/l	109637	1,4-Difluorobenzene	8.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Amylene hydrate	88	C5H12O	000075-85-4	50
3	Amylene hydrate	88	C5H12O	000075-85-4	50
4	Butane, 2-methoxy-	88	C5H12O	006795-87-5	45
5	3-Hexanol	102	C6H14O	000623-37-0	45





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220413003-02-VOA

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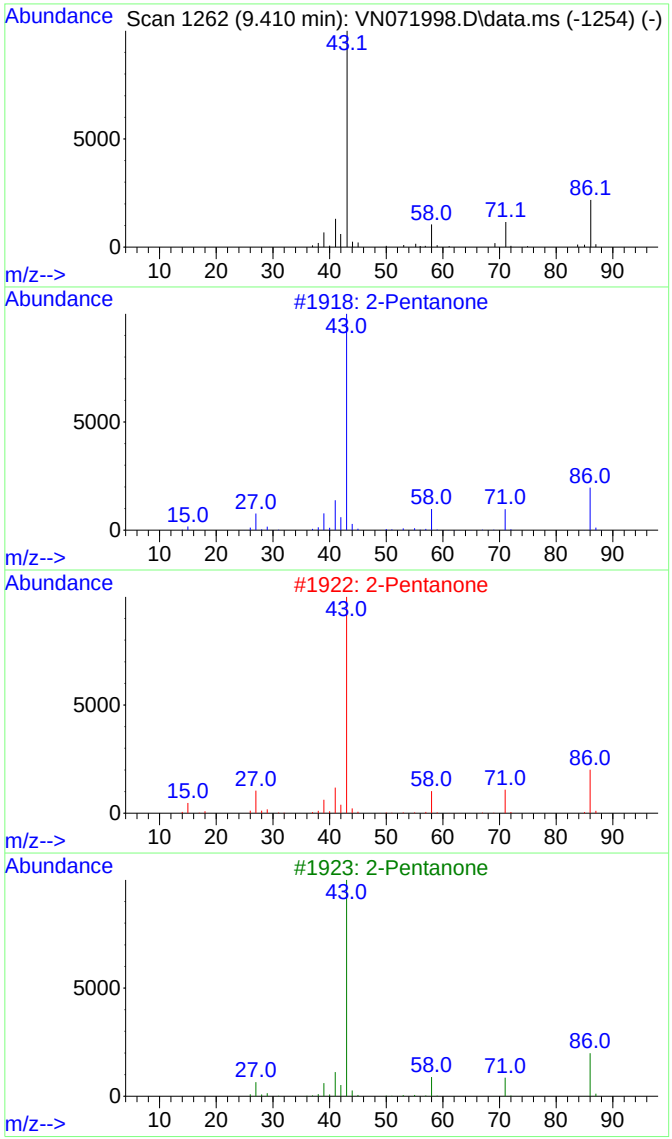
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

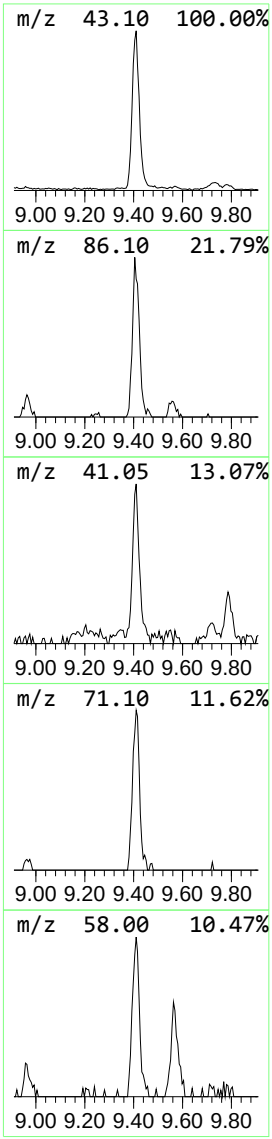
****

Peak Number 3 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	4.37 ug/l	145481	1,4-Difluorobenzene	8.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	87
2	2-Pentanone	86	C5H10O	000107-87-9	86
3	2-Pentanone	86	C5H10O	000107-87-9	80
4	2-Pentanone	86	C5H10O	000107-87-9	64
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
220413003-02-VOA

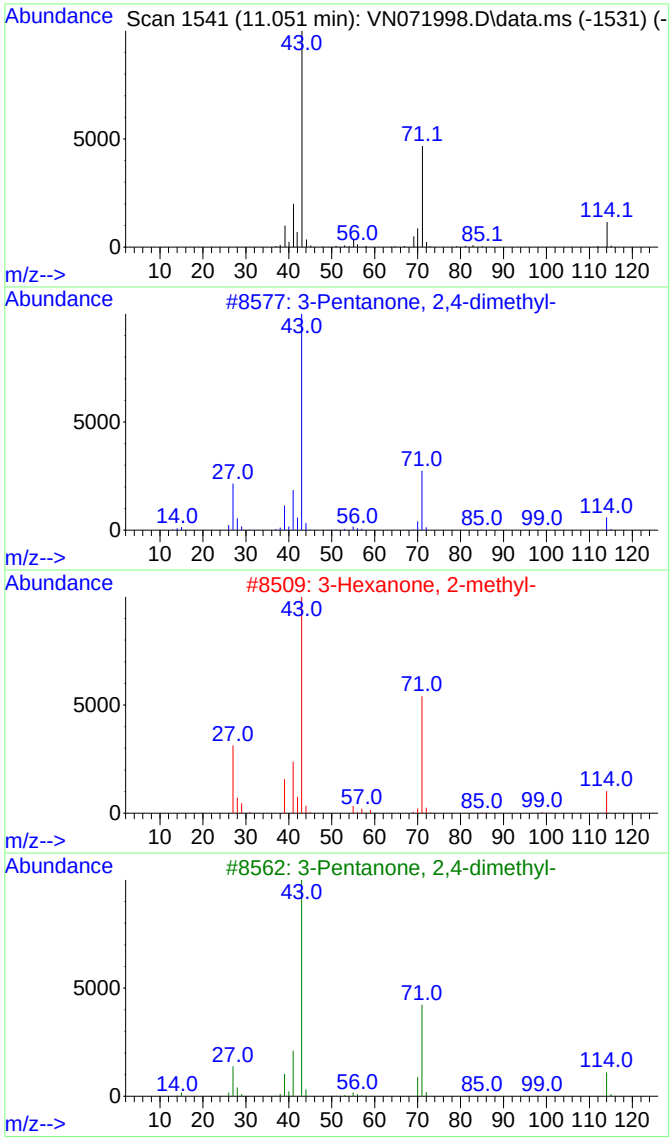
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

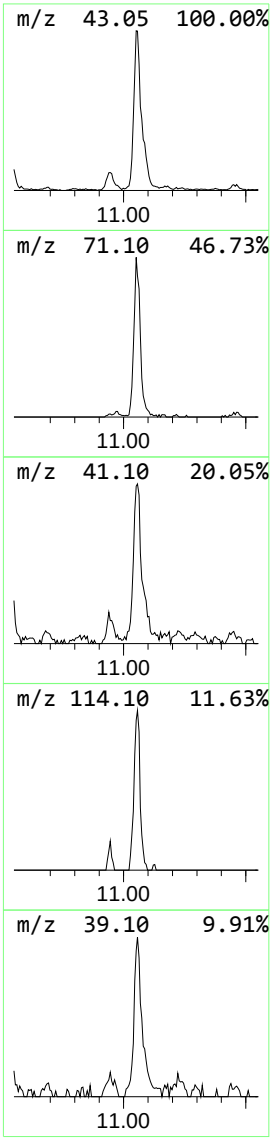
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	6.10 ug/l	246045	Chlorobenzene-d5	11.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	72





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Instrument :
MSVOA_N
ClientSampleId :
220413003-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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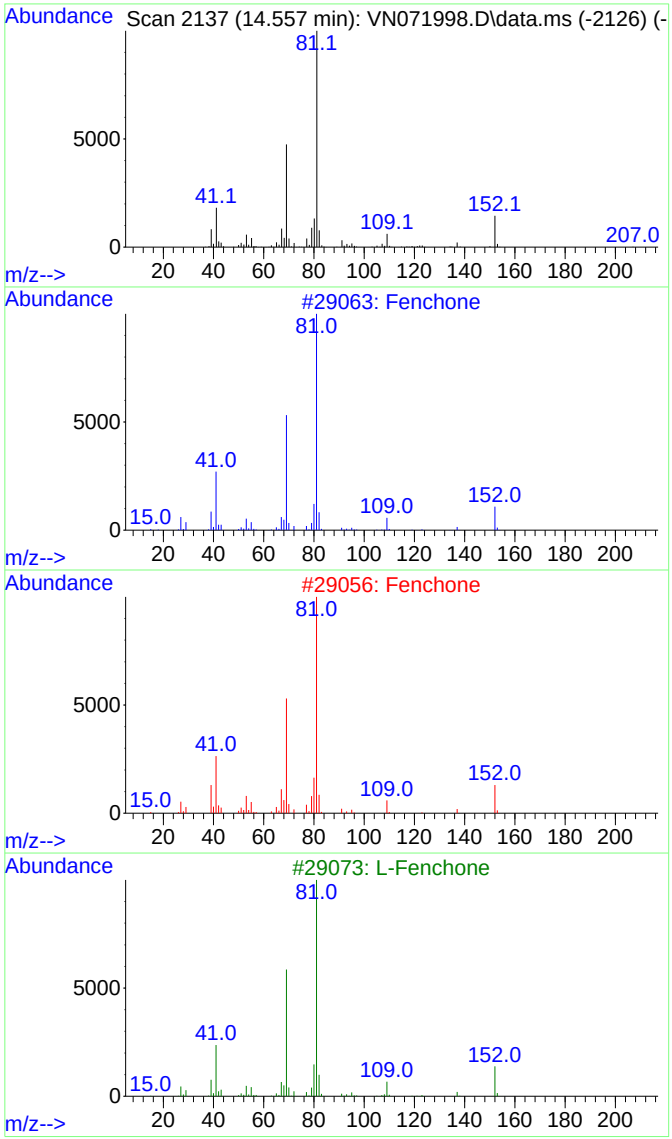
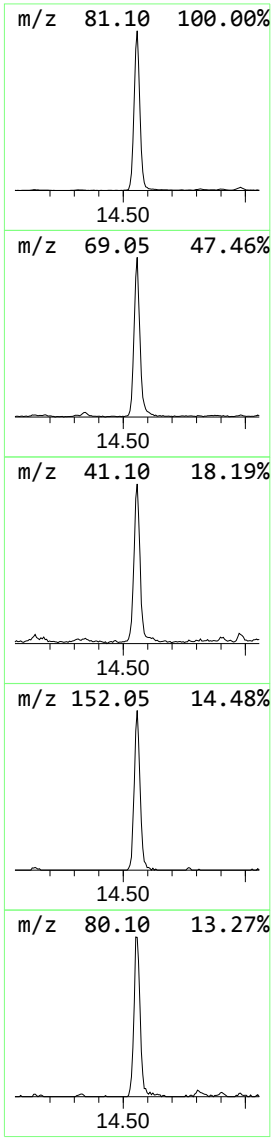
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	22.68 ug/l	914333	Chlorobenzene-d5	11.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	Fenchone	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	Fenchone	152	C10H16O	001195-79-5	94
5	D-Fenchone	152	C10H16O	004695-62-9	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	3.181	8.6	ug/l	606095	1	7.657	2112380	30.0
Amylene hydrate	8.528	3.3	ug/l	109637	2	8.963	998444	30.0
2-Pentanone	9.410	4.4	ug/l	145481	2	8.963	998444	30.0
3-Pentanone, 2,...	11.051	6.1	ug/l	246045	3	11.739	1209550	30.0
Fenchone	14.557	22.7	ug/l	914333	3	11.739	1209550	30.0